

## Review

# Auditing the 'Social' Using Conventions, Declarations, and Goal Setting Documents: A Scoping Review

Simerta Gill  and Gregor Wolbring \* 

Community Rehabilitation and Disability Studies, Department of Community Health Sciences,  
University of Calgary, Calgary, AB T2N 4N1, Canada

\* Correspondence: gwolbrin@ucalgary.ca

**Abstract:** The state of the 'social' that individuals, social groups and societies experience are a focus of international conventions, declarations and goal setting documents. Many indicators of the 'social' and measures of well-being that contain sets of indicators of the 'social' exist to ascertain the state of the 'social' of individuals, social groups, and societies. Marginalized groups are well known to have problems with the 'social' they experience. Equity, Diversity, and Inclusion (EDI) and similar phrases are used in policy discussions to deal with 'social problems' within research, education, and general workplace environments encountered by women, Indigenous peoples, visible/racialized minorities, disabled people, and LGBTQ2S+. The prevention of the worsening of the 'social' is one focus of science and technology governance and ethics discussions. Many health professions are also concerned about the 'social' such as the well-being of their clients and their roles as stated by many of their associations include being advocates and change agents. The objective of the study was to ascertain how the 'social' is engaged with in conjunction with the following international documents ("Convention on the Rights of Persons with Disabilities", "Convention on the Rights of the Child", "Convention on the Elimination of All Forms of Discrimination against Women", "Declaration on the Rights of Indigenous Peoples", "Universal Declaration of Human Rights", "International Convention on the Elimination of All Forms of Racial Discrimination", "UN Framework Convention on Climate Change", "transforming our world: the 2030 agenda for sustainable development" and "UN flagship report on disability and development Realizing the Sustainable Development Goals by, for and with persons with disabilities"; from now on called "the documents"). A scoping review using the academic databases SCOPUS, Web of Science, databases accessible under Compendex, and the databases accessible under EBSCO-HOST, coupled with a manifest hit-count coding approach was used to answer five research questions: (1) Which terms, phrases, and measures of the 'social' are present in the literature searched (2) Which of the social issues flagged in the Convention on the Rights of Persons with Disabilities (CRPD) are present in the academic abstracts mentioning the other eight documents? (3) Which EDI frameworks, phrases and social groups covered under EDI are present in the literature covered. (4) Which technologies, science and technology governance terms and ethics fields are present in the literature covered? (5) Which health professions are mentioned in the literature covered? The results reveal vast gaps and opportunities to engage with the 'social' in relation to "the documents" covered for all five questions.

**Keywords:** Convention on the Rights of persons with disabilities; Convention on the Rights of the child; Convention on the Elimination of All Forms of Discrimination against Women; Declaration on the Rights of Indigenous Peoples; Universal Declaration of Human Rights; International Convention on the Elimination of All Forms of Racial Discrimination; UN Framework Convention on Climate Change; transforming our world: the 2030 agenda for sustainable development and UN flagship report on disability and development Realizing the Sustainable Development Goals by, for and with persons with disabilities; social, science and technology governance; equity, diversity and inclusion; scoping review



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## 1. Introduction

International documents have been used by organizations such as the United Nations to promote social, economic, and political wellbeing for all. We decided to use the following international documents covering social groups “Convention on the Rights of Persons with Disabilities” [1], “Convention on the Rights of the Child” [2], “Convention on the Elimination of All Forms of Discrimination against Women” [3], “Declaration on the Rights of Indigenous Peoples” [4], “International Convention on the Elimination of All Forms of Racial Discrimination” [5] “Universal Declaration of Human Rights” [6], and three documents related to environmental issues “UN Framework Convention on Climate Change” [7], “Transforming our World: the 2030 Agenda for Sustainable Development” [8] and “UN Flagship Report on Disability and Development: Realizing the Sustainable Development Goals by, for and with Persons with Disabilities” [9] (from now on called “the documents”) to investigate the coverage of the ‘social’. Making use of a variety of indicators of the ‘social’ available in the literature [10,11] and measures of well-being [10,11] specifically the four measures Social Determinants of Health, Better Life Index, Canadian Index of Well-being, and the Community Based Rehabilitation Matrix [10] that contain sets of indicators of the ‘social’, our first research question was (1) Which terms, phrases, and measures of the ‘social’ are engaged with in “the documents” and the abstracts of the academic literature engaging with “the documents”?

Every one of the nine documents we selected flags social issues linked to the topic “the documents” cover. Using the “Convention on the Rights of Persons with Disabilities” as an example we asked (2) Which of the social issues flagged in the “Convention on the Rights of Persons with Disabilities” (CRPD) are present in the academic abstracts mentioning the other eight documents?

Marginalized groups are well known to experience problems with the ‘social’ they live in. Equity, Diversity, and Inclusion (EDI) and similar phrases and frameworks are increasingly used in policy discussions to identify and rectify ‘social problems’ within research, education, and general workplace environments of for example women, Indigenous peoples, visible/racialized minorities, disabled people, and LGBTQ2S+ [12]. As such our third research question was (3) Which EDI frameworks, phrases and social groups covered under EDI are present in the literature covered?

Technologies are well known to have an impact on the social and social implications of emerging technologies [11,13–20] are one focus of science and technology governance discussions [10]. As such we asked (4) Which technologies, science and technology governance terms and ethics fields are present in the literature covered?

Many groups engage with the ‘social’. For this study we selected health professionals because according to their associations they are to be advocates for their clients and their profession, educators, researchers and change agents [21–27]. As such, we asked (5) Which health professions are mentioned in the literature covered?

### 1.1. The ‘Social’ and “the Documents”

The international documents we covered can be seen as documents that call out many problematic aspects of the ‘social’. All “the documents” use the term “social”. For example, in section (m) of the preamble of the “Convention on the Rights of Persons with Disabilities” it is noted that one of the purposes of the convention is to decrease “the profound social disadvantage of persons with disabilities and promote their participation in the civil, political, economic, social and cultural spheres with equal opportunities, in both developing and developed countries” and discrimination is defined as “Discrimination on the basis of disability means any distinction, exclusion or restriction on the basis of disability which has the purpose or effect of impairing or nullifying the recognition, enjoyment or exercise, on an equal basis with others, of all human rights and fundamental freedoms in the political, economic, social, cultural, civil or any other field” [1]. The “Convention on the right of the child” mentions the term social in article 4, 17 and 27 [2] the “Convention on the Elimination of All Forms of Discrimination against Women” argues that discrimination

“in the political, social, economic and cultural life” hinders women in many ways the term ‘social’ is also mentioned in article 1 and 3. In article 5 it is demanded “To modify the ‘social’ and cultural patterns of conduct of men and women, with a view to achieving the elimination of prejudices and customary and all other practices which are based on the idea of the inferiority or the superiority of either of the sexes or on stereotyped roles for men and women” [3]. The “Declaration on the Rights of Indigenous Peoples” mention ‘social’ in “*Affirming* further that all doctrines, policies and practices based on or advocating superiority of peoples or individuals on the basis of national origin or racial, religious, ethnic or cultural differences are racist, scientifically false, legally invalid, morally condemnable and socially unjust” and “*Recognizing* the urgent need to respect and promote the inherent rights of indigenous peoples which derive from their political, economic and social structures and from their cultures, spiritual traditions, histories and philosophies, especially their rights to their lands, territories and resources,” and article 3 and 21 [4]. The “Universal Declaration of Human Rights” mentions social in article 22 and 28 [6]. The “International Convention on the Elimination of All Forms of Racial Discrimination” mentions the term social in “Convinced that any doctrine of superiority based on racial differentiation is scientifically false, morally condemnable, socially unjust and dangerous, and that there is no justification for racial discrimination, in theory or in practice, anywhere” and article 1 and 5 [5]. The “UN Framework Convention on Climate Change” mentions social four times in the preamble and in article 4 (g) and (h); “(h) Promote and cooperate in the full, open and prompt exchange of relevant scientific, technological, technical, socio-economic and legal information related to the climate system and climate change, and to the economic and social consequences of various response strategies” [7]. The “transforming our world: the 2030 agenda for sustainable development” states: “A world with universal literacy. A world with equitable and universal access to quality education at all levels, to health care and social protection, where physical, mental and social well-being are assured. A world in which every woman and girl enjoys full gender equality and all legal, social and economic barriers to their empowerment have been removed. A just, equitable, tolerant, open and socially inclusive world in which the needs of the most vulnerable are met” [8]. Finally, the “UN Flagship Report on Disability and Development: Realizing the Sustainable Development Goals by, for and with Persons with Disabilities” mentions the term ‘social’ over 365 times.

Given that the ‘social’ is mentioned in “the documents”, the question is how the abstracts of academic articles covering “the documents” engage with the ‘social’ including whether they link “the documents” to measures of the ‘social’ [10,11] and terms linked to the ‘social’ [10,11] such as the indicators present in the following measures (Social Determinants of Health, Better Life Index, Canadian Index of Well-being, and the Community Based Rehabilitation Matrix) [10,11].

### 1.2. Governance of Sciences and Technologies

Many concepts such as “democratizing science, and technology”, “participatory technology assessment”, “technology assessment”, “parliamentary technology assessment”, “anticipatory governance”, “upstream engagement”, “responsible innovation”, “responsible research and innovation” and most recently “transformative vision assessment” and fields such as AI-ethics, bioethics, computer science ethics, information technology ethics, nanoethics, neuroethics, robo-ethics emerged to engage with the recognized reality that scientific and technological advancements have social, legal, ethical and economic consequences [10,11,13–20]. A recent addition to technology governance is the effort of the National Academy of Medicine’s Committee on Emerging Science, Technology, and Innovation in health and medicine (CESTI) to generate a new technology impact and governance framework “to inform social, ethical, and legal governance frameworks for a range of cutting-edge technologies” [28]. As such the question is which technologies and which science and technology governance terms and ethics fields are present in the abstracts covering “the documents”.

### 1.3. Equity, Diversity and Inclusion (EDI)

Equity, diversity, and inclusion (EDI), other EDI phrases and EDI frameworks [10,12] are increasingly employed in various workplaces including universities to improve the ‘social’ in the areas of research, education, and general workplace environments for marginalized groups such as women, Indigenous Peoples, visible/racialized minorities, disabled people, and LGBTQ2S+ [12]. Individual EDI terms are engaged with in the academic literature in conjunction with the international documents we investigated for example: “Convention on the Rights of Persons with Disabilities” in conjunction with equity [29–32], equality [33–37], inclusion [38,39] and diversity [40]; “Convention on the Rights of the Child” with equity [41,42] equality [43] inclusion [44] and diversity [45]; “Convention on the Elimination of All Forms of Discrimination against Women” with equity [46] equality [47] diversity [48] and inclusion [49]; “Declaration on the Rights of Indigenous Peoples” with equity [50] equality [51] inclusion [52] and diversity [53,54]; “Universal Declaration of Human Rights” with equity [55] equality [56] diversity [57] and inclusion [58]; “UN Framework Convention on Climate Change” with equity [59] equality [60] inclusion [61] and diversity [62]; “transforming our world: the 2030 agenda for sustainable development” with equity [63] equality [64] inclusion [65] and diversity [66] and “International Convention on the Elimination of All Forms of Racial Discrimination” with equity [67,68] equality [69,70] and diversity [71]. Question is whether the abstracts engaging with “the documents” also engage with the actual EDI policy phrases and frameworks and which marginalized groups they engage with.

### 1.4. Healthcare Professionals

Health professionals are expected to perform many roles beyond clinical services such as being an advocate for their field and their clients, being educators and researchers, being involved in political processes and being change agents [21–26]. As such health care professionals ought to engage with the ‘social’. The ‘social’ is impacted by technologies and at the same time health professionals use technologies [27,72,73] and technologies impact their jobs [20]. Given their roles of being advocate for their field and their clients and being educators and researchers, being involved in political processes and being change agents healthcare professionals should be also involved in the governance of science and technology [74–77] as part of their engagement with the ‘social’. Various statements of associations of health profession make the linkage between their members work and the ‘social’. According to the Canadian Federation of Social Workers Code of Ethics, “social’ implications provide occupational guidelines that allow social workers to engage in the best interest of the client. Social Workers are responsible for advocating for disadvantaged populations as well as promoting social development” [78]. “Social workers also push for social fairness to reduce barriers to the ‘social’, oppose prejudice and discrimination and question stereotypes” [78]. Social work set up a sub area called eco-social work [79–81] to cover the ‘social linked to environmental issues. In a similar fashion, the World Federation of Occupational Therapist aim to reduce social problems and they see the ‘social’ to become important when addressing occupational injustice [82]. According to the policy statement “Ethical principles and the responsibilities of physiotherapists and member organisations” by the organization “World Physiotherapy” “professionals in the field have the capacity to advocate for social change” [83]. The term ‘social’ can be seen through, “address broader social determinants of health by advocating for social and political change towards greater equity in society in general, including those from minority groups in these initiatives” [83]. Speech Language (S-LPs) Pathologists are linked to the ‘social’ by seeing as one of their tasks “to address barriers to social communication [84]. According to “The World Psychiatric Association”, “current measures to address mental illness are not suffice in providing social justice. A lack of appropriate consultation with person with disabilities create gaps in current measure and result in poor mental health outcomes. The World Psychiatric Association endorses The UN Convention on Rights of Persons with Disabilities and recognize it as essential to promote social justice” [85]. Various associations of health

professions cover a variety of “the documents” albeit none covers all “the documents” we chose: the Declaration of Human Rights [78,82,86–88], Convention on the Rights of the Child (CRC) [83,89–92], the Convention on the Elimination of All Forms of Discrimination against Women [91,93], UN Declaration on the Rights of Indigenous Peoples [94,95], the Convention on the rights of people with disabilities [83,92,96–98] and the 2030 Agenda for sustainable development [99]. Some made statements that suggest the need for engagement with all of them such as the World Physiotherapy stating: “WCPT recognises and supports the international declarations and work programmes of the United Nations and World Health Organization in support of diversity and inclusion [100] (p. 1). Question is whether the abstracts engaging with “the documents” link to health professionals.

## 2. Materials and Methods

### 2.1. Study Design and Research Questions

Scoping studies are useful in identifying the extent of research that has been conducted on a given topic [101,102] and the current understanding of a given topic. In this case, we aimed to answer the following research questions: (1) Which terms, phrases, and measures of the ‘social’ are present in the literature searched? (2) Which of the social issues flagged in the Convention on the Rights of Persons with Disabilities (CRPD) are present in the academic abstracts mentioning the other eight documents? (3) Which EDI frameworks, phrases and social groups covered under EDI are present in the literature covered? (4) Which technologies, science and technology governance terms and ethics fields are present in the literature covered? (5) Which health professions are mentioned in the literature covered? To answer the research questions, we applied three approaches. In the first approach we performed quantitative hit count searches for the presence of given terms in the nine documents and in the second approach for the presence of given terms in the academic abstract engaging with “the documents”. In the third approach we used the “Convention on the Rights of Persons with Disabilities” as a case study to identify social issues flagged in the “Convention on the Rights of Persons with Disabilities” and to what extent these social issues are also mentioned in the other eight documents and the academic abstracts engaging with the documents.

For research question 1 we (a) searched for 35 terms and phrases linked to the ‘social’ in academic literature [10,11,103–141], (b) how often abstracts engaging with one of “the documents” also cover any of the other eight documents and (c) for the presence of the very phrases depicting 21 composite wellbeing measures [10,11] and all the indicators used by the four composite measures (Social determinants of health, Better life index, Canadian Index of well-being, Community based rehabilitation matrix). For research question 2 we first identified social issues flagged in the Convention on the Rights of Persons with Disabilities (Appendix A) and then investigated the presence of these social issues in the other documents and the abstracts engaging with the documents. For research question 3, we investigated the presence of EDI terms [12,142–167] present in the academic literature and terms linked to groups covered within EDI discussions. For research question 4 we investigated which technologies and science, and technology governance terms and ethics fields were mentioned. For research question 5 we searched for the presence of various terms depicting health professions and health professionals.

### 2.2. Data Sources, Data Collection and Inclusion, Exclusion Criteria

On 6 February 2022, the academic databases EBSCO-HOST (an umbrella database that includes over seventy other databases itself), SCOPUS (which incorporates the full Medline database collection), Web of Science, and databases accessible through Compendex, (which include IEEE sources) were searched with no time restrictions. These databases contain journals that cover a wide range of topics from areas of relevance to answer the research questions. As to inclusion criteria, scholarly peer reviewed journals were included in the EBSCO-HOST search and reviews, peer reviewed articles, conference papers, and editorials in SCOPUS and the Web of Science and Compendex search was set to all document types.

### 2.3. Data Analysis

To answer the research questions, a descriptive quantitative analysis approach [168,169] (manifest coding [170,171]) was performed. As sources for analysis we first downloaded the actual nine documents we investigated (“Convention on the Rights of Persons with Disabilities”, “Convention on the Rights of the Child”, “Convention on the Elimination of All Forms of Discrimination against Women”, “Declaration on the Rights of Indigenous Peoples”, “Universal Declaration of Human Rights”, “UN Framework Convention on Climate Change”, “transforming our world: the 2030 agenda for sustainable development”, “UN flagship report on disability and development”, “International Convention on the Elimination of All Forms of Racial Discrimination”).

To generate the abstracts for the manifest coding we downloaded the abstracts generated through strategies 1–9 (Tables 1 and 2).

**Table 1.** Search strategies used to obtain academic abstracts for quantitative hit counts.

| Strategy | Sources Used                                | Search Term (Abstract)                                                            |
|----------|---------------------------------------------|-----------------------------------------------------------------------------------|
| 1        | SCOPUS/EBSCO-HOST/Compendex//Web of Science | “Convention on the Rights of Persons with Disabilities”                           |
| 2        | SCOPUS/EBSCO-HOST/Compendex//Web of Science | “Convention on the Rights of the Child”                                           |
| 3        | SCOPUS/EBSCO-HOST/Compendex//Web of Science | “Convention on the Elimination of All Forms of Discrimination against Women”      |
| 4        | SCOPUS/EBSCO-HOST/Compendex//Web of Science | “Declaration on the Rights of Indigenous Peoples”                                 |
| 5        | SCOPUS/EBSCO-HOST/Compendex//Web of Science | “Universal Declaration of Human Rights”                                           |
| 6        | SCOPUS/EBSCO-HOST/Compendex//Web of Science | UN Framework Convention on Climate Change                                         |
| 7        | SCOPUS/EBSCO-HOST/Compendex//Web of Science | “transforming our world: the 2030 agenda for sustainable development”             |
| 8        | SCOPUS/EBSCO-HOST/Compendex//Web of Science | UN flagship report on disability and development                                  |
| 9        | SCOPUS/EBSCO-HOST/Compendex//Web of Science | International Convention on the Elimination of All Forms of Racial Discrimination |

**Table 2.** Obtaining the abstracts for analysis.

| Strategy | Document Names                                                                                                                            | Abstracts | Abstracts Remaining after Removable of Duplicates |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------------------------------------|
| 1        | Convention on the Rights of Persons with Disabilities”                                                                                    | 2832      | 1775                                              |
| 2        | “Convention on the Rights of the Child”                                                                                                   | 5457      | 3050                                              |
| 3        | “Convention on the Elimination of All Forms of Discrimination against Women”                                                              | 738       | 493                                               |
| 4        | “Universal Declaration of Human Rights”                                                                                                   | 3761      | 2487                                              |
| 5        | “Declaration on the Rights of Indigenous Peoples”                                                                                         | 880       | 543                                               |
| 6        | “International Convention on the Elimination of All Forms of Racial Discrimination”                                                       | 130       | 107                                               |
| 7        | “UN Framework Convention on Climate Change”                                                                                               | 1050      | 683                                               |
| 8        | “transforming our world: the 2030 agenda for sustainable development”                                                                     | 125       | 79                                                |
| 9        | “UN flagship report on disability and development Realizing the Sustainable Development Goals by, for and with persons with disabilities” | 1         | 1                                                 |

Then, both authors performed three strategies of analysis. For the first strategy we used the CTRL F function of the Adobe Acrobat software for the actual nine documents such as the “Convention on the Rights of the Child” and added an x to indicate which document contained the terms we searched for. In this case, we did not generate a frequency of how often a term was present. Both authors peer debriefed on the obtained hitcounts [172]. No differences were present.

For the second strategy the abstracts were downloaded as part of the citations into the Endnote Software and the Endnote software was used to delete all duplicate abstracts and non-English documents ending up with a starting point of abstracts for each of the strategies (Table 2). All abstracts for each of “the documents” were exported from the Endnote software as one RTF file and converted into a PDF. The manifest coding was performed within the PDF using the CTRL F function of the Adobe Acrobat software whereby making sure that the hitcounts reflected the number of abstracts and not the number of hits. As we only found one abstract for the “UN flagship report on disability and development Realizing the Sustainable Development Goals by, for and with persons with disabilities” (strategy 9) we did not use the “UN flagship report on disability and development Realizing the Sustainable Development Goals by, for and with persons with disabilities” for our analysis of abstracts. Both authors peer debriefed on the obtained hitcounts [172]. No differences were present.

For the third strategy we named social issues linked to every action item evident in the CRPD (Appendix A). We then debriefed on how we named them, and the few differences were resolved through peer debriefing between the two authors. We then identified which of these social issues were already covered by the social terms we used for our analysis and then we listed the ones not yet mentioned and analysed how often they showed up in the academic abstracts of the other documents we covered.

### 3. Results

In this section, we first provide a summary of our findings for all five research questions. Then, we provide the tables in five sections reflecting the five research questions. For each research question, we show first tables that cover the results related to the actual documents such as the conventions. We use an “x” to indicate the presence of a given term in a given “documents”. We do not provide actual hitcounts for the presence of a given search term in “the document”. No “x” means the given term was not present. We then show the tables with the hit counts for the abstracts downloaded. We list the hits for actual abstracts containing a term (so multiple mentioning of a term in a given abstract counts as one hit). For terms that generate more than 100 hits we added a “x” into the document and not the final abstract tally.

As to research question 1, Tables 3–8 give some sense of words linked to the ‘social’ present in “the documents”. This includes also the mentioning of any of “the other documents” in any given document. For the convention and declaration documents it is not surprising that some terms we used to look at the ‘social’ are not present such as the wellbeing measure terms, missing of others terms may be less so. As to the two reports that were part of our selection the “UN flagship report on disability and development Realizing the Sustainable Development Goals by, for and with persons with disabilities” covered many more of the term linked to the ‘social’ in our tables including referring to some well-being measures than the “transforming our world: the 2030 agenda for sustainable development” document. As to the abstracts covering “the documents” the mentioning of terms linked to the ‘social’ were also very uneven such as the low to no mentioning of the 21 well-being measures and of “the documents”. Many more terms linked to the ‘social’ listed in Tables 9–14 could have been mentioned and many could have been mentioned more given that the data sources were abstracts engaging with “the documents”.

As to research question 2 (Table 15 covering the documents themselves and Table 16 covering the abstracts) the presence of keywords linked to social issues identified from the “Convention on the Rights of Persons with Disabilities” document were the most

within the “UN flagship report on disability and development Realizing the Sustainable Development Goals by, for and with persons with disabilities” but much less in the other documents (Table 15). Table 16 shows that the term “Human Rights” gained a substantial amount of hits across abstracts mentioning all seven documents. Other terms such as adoption, political rights, and art garnered a number of hits with abstracts covering some of “the documents”. Indicators such as receptiveness, media portrayal, augmentative communication, and academic development gained no hits in our searches.

As to research question 3 covering EDI (Table 17 covering the documents themselves and Table 18 covering the abstracts) none of the EDI phrases and frameworks were present in any of “the documents” themselves. As to individual EDI terms justice was present in each document. Equality and dignity were present in all documents other than the UN Framework Convention on Climate Change. Accessibility was only present in the disability related documents and belonging only in the Convention on the Rights of Persons with Disabilities and Convention on the Rights of the Child. Decolonization was not present in any. Other individual EDI terms were present in some documents. As to marginalized groups covered in the EDI discussions gender or women were present in all documents other than the UN Framework Convention on Climate Change. For, LGB\*, Transgender, racialized minorities, visible minorities, and neurodiverse\*, we obtained no hits (Table 17). As to the abstracts (Table 18) EDI phrases and frameworks were also not present except for one hit for “Athena Swan” in conjunction with the Convention on the Rights of Persons with Disabilities. Individual EDI terms such as equity, equality, inclusion, accountability, and justice gained hits across all documents. As to EDI groups the Convention on the Rights of Persons with Disabilities was the only one with hits for neurodiverse\*. Other EDI groups were mentioned in abstracts covering a variety of the document. Women were mentioned in every document.

As to research question 4 covering technologies (Table 19 covering the documents themselves and Table 20 covering the abstracts) across all documents our results indicate that there is limited mention of technologies. However, it can be noted that “technolog\*” as a broad term has garnered hits with all documents but “Convention on the Rights of the Child (CRC)” and “Declaration on the Rights of Indigenous Peoples”. Results for “assistive technolog\*” only generated hits for documents focusing on disabled people (“UN flagship report on disability and development Realizing the Sustainable Development Goals by, for and with persons with disabilities” and “Convention on the Rights of Persons with Disabilities”). We did not look for ethics terms and science and technology governance terms in the actual documents. As to the abstracts substantial hits were found for “technolog\*” for the following documents, “Convention on the Rights of Persons with Disabilities”, “Convention on the Rights of the Child”, “Universal Declaration of Human Rights”, “UN framework Convention on Climate Change” and “Transforming our world: 2030 agenda for sustainable development”. Specific technologies were mentioned much less to not at all. For example, artificial intelligence and machine learning were mentioned the most in relation to “Convention on the Rights of Persons with Disabilities” but not at all in relation to the “Declaration on the Rights of Indigenous Peoples” and the “International Convention on the Elimination of All Forms of Racial Discrimination”. As to ethics fields nanoethics was mentioned only in relation to the “Universal Declaration of Human Rights” (one hit), for neuroethics we obtained two hits for the “Convention on the Rights of Persons with Disabilities”. None of the science and technology governance terms generated any hits.

As to research question 5 (abstracts Table 21) focusing on health professionals we did not perform searches for the presence of health professionals in the actual documents. As to the abstracts our search for healthcare professionals revealed the most hits for “social work” followed by nursing. In general, the most hits were linked to the “Convention on the Rights of Persons with Disabilities”.

[illegible]

Table 3. Cont.

| Terms                                                                              | Convention on the Rights of Persons with Disabilities (CRPD) | Convention on the Rights of the Child (CRC) | Convention on the Elimination of All Forms of Discrimination against Women | Universal Declaration of Human Rights | Declaration on the Rights of Indigenous Peoples | International Convention on the Elimination of All Forms of Racial Discrimination | UN Framework Convention on Climate Change | “Transforming Our World: The 2030 Agenda for Sustainable Development” | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities |
|------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| “social wellbeing” or<br>“social well-being” or<br>“social well being”             |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| “Societal wellbeing” or<br>“Societal well-being” or<br>“Societal well being”       |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “Subjective wellbeing” or<br>“Subjective well-being” or<br>“Subjective well being” |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| “the documents”                                                                    |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| Convention on the Rights of Persons with Disabilities”                             | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| “Convention on the Rights of the Child”                                            | x                                                            | x                                           |                                                                            |                                       |                                                 |                                                                                   |                                           | X                                                                     | x                                                                                                                                       |
| Convention on the Elimination of All Forms of Discrimination against Women         | x                                                            |                                             | x                                                                          | x                                     |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| “Declaration on the Rights of Indigenous Peoples”                                  |                                                              |                                             |                                                                            |                                       | x                                               |                                                                                   |                                           |                                                                       |                                                                                                                                         |

Table 3. Cont.

| Terms                                                                             | Convention on the Rights of Persons with Disabilities (CRPD) | Convention on the Rights of the Child (CRC) | Convention on the Elimination of All Forms of Discrimination against Women | Universal Declaration of Human Rights | Declaration on the Rights of Indigenous Peoples | International Convention on the Elimination of All Forms of Racial Discrimination | UN Framework Convention on Climate Change | “Transforming Our World: The 2030 Agenda for Sustainable Development” | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| International Convention on the Elimination of All Forms of Racial Discrimination | x                                                            |                                             |                                                                            |                                       |                                                 | x                                                                                 |                                           |                                                                       |                                                                                                                                         |
| “Universal Declaration of Human Rights”                                           | x                                                            | x                                           | x                                                                          | x                                     | x                                               | x                                                                                 |                                           | x                                                                     | x                                                                                                                                       |
| UN Framework Convention on Climate Change                                         |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   | x                                         |                                                                       |                                                                                                                                         |
| “transforming our world: the 2030 agenda for sustainable development”             |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           | x                                                                     | x                                                                                                                                       |
| UN flagship report on disability and development                                  |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| Various indicators of the social                                                  |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “autonomy”                                                                        | x                                                            |                                             |                                                                            |                                       | x                                               |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| “bias”                                                                            |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| “COVID”                                                                           |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “data protection”                                                                 | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |

[illegible]

Table 3. *Cont.*[illegible]

**Table 4.** Hit counts for the terms used for 21 “wellbeing measures” in the actual document such as the conventions.

[illegible]

Table 4. *Cont.*[illegible]

**Table 5.** Presence of Community Based Rehabilitation Matrix indicators in the actual document such as the conventions.

| Primary Indicator | Secondary Indicator                                                                             | Convention on the Rights of Persons with Disabilities (CRPD) | Convention on the Rights of the Child (CRC) | Convention on the Elimination of All Forms of Discrimination against Women | Universal Declaration of Human Rights | Declaration on the Rights of Indigenous Peoples | International Convention on the Elimination of All Forms of Racial Discrimination | UN Framework Convention on Climate Change | “Transforming Our World: The 2030 Agenda for Sustainable Development” | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities |
|-------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Health            |                                                                                                 | x                                                            | x                                           | x                                                                          | x                                     | x                                               | x                                                                                 | x                                         | x                                                                     | x                                                                                                                                       |
|                   | “healthcare” OR “health care”                                                                   | x                                                            | x                                           | x                                                                          |                                       |                                                 |                                                                                   |                                           | x                                                                     | x                                                                                                                                       |
|                   | “assistive technology” OR “assistive technologies” OR “assistive device” OR “assistive devices” | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
|                   | “Health promotion”                                                                              |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
|                   | “Health prevention”                                                                             |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
|                   | Rehabilitation                                                                                  | x                                                            | x                                           |                                                                            |                                       |                                                 |                                                                                   | x                                         |                                                                       | x                                                                                                                                       |
| Education         |                                                                                                 | x                                                            | x                                           | x                                                                          | x                                     | x                                               | x                                                                                 | x                                         | x                                                                     | x                                                                                                                                       |
|                   | “Childhood education”                                                                           |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
|                   | “Primary education”                                                                             | x                                                            | x                                           |                                                                            |                                       |                                                 |                                                                                   |                                           | x                                                                     | x                                                                                                                                       |
|                   | “Secondary education”                                                                           | x                                                            | x                                           |                                                                            |                                       |                                                 |                                                                                   |                                           | x                                                                     | x                                                                                                                                       |

Table 5. Cont.

| Primary Indicator | Secondary Indicator   | Convention on the Rights of Persons with Disabilities (CRPD) | Convention on the Rights of the Child (CRC) | Convention on the Elimination of All Forms of Discrimination against Women | Universal Declaration of Human Rights | Declaration on the Rights of Indigenous Peoples | International Convention on the Elimination of All Forms of Racial Discrimination | UN Framework Convention on Climate Change | “Transforming Our World: The 2030 Agenda for Sustainable Development” | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities |
|-------------------|-----------------------|--------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
|                   | “Non-formal”          |                                                              |                                             | x                                                                          |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
|                   | “Life-long learning”  |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| Livelihood        |                       |                                                              |                                             |                                                                            | x                                     |                                                 |                                                                                   |                                           | x                                                                     | x                                                                                                                                       |
|                   | “Skills development”  |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
|                   | “Self-Employment”     | x                                                            |                                             | x                                                                          |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
|                   | “Financial services”  |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           | x                                                                     | x                                                                                                                                       |
|                   | “Wage employment”     |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
|                   | “Social protection”   | x                                                            |                                             |                                                                            | x                                     |                                                 |                                                                                   |                                           | x                                                                     | x                                                                                                                                       |
| social            |                       | x                                                            | x                                           | x                                                                          | x                                     | x                                               | x                                                                                 | x                                         | x                                                                     | x                                                                                                                                       |
|                   | “social relationship” |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
|                   | family                | x                                                            | x                                           | x                                                                          | x                                     |                                                 |                                                                                   |                                           | x                                                                     | x                                                                                                                                       |
|                   | “Personal Assistance” | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |



**Table 6.** Presence of Canadian Index of Wellbeing indicators in the actual document such as the conventions.

| Primary Indicator       | Secondary Indicator | Convention on the Rights of Persons with Disabilities (CRPD) | Convention on the Rights of the Child (CRC) | Convention on the Elimination of All Forms of Discrimination against Women | Universal Declaration of Human Rights | Declaration on the Rights of Indigenous Peoples | International Convention on the Elimination of All Forms of Racial Discrimination | UN Framework Convention on Climate Change | “Transforming Our World: The 2030 Agenda for Sustainable Development” | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities |
|-------------------------|---------------------|--------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| “Social Relationship*”  |                     |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
|                         | “Social engagement” |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
|                         | “Social Support”    |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
|                         | “Community safety”  |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “Social norms”          |                     |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| “Democratic engagement” |                     |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
|                         | Participation       | x                                                            | x                                           | x                                                                          | x                                     | x                                               | x                                                                                 | x                                         |                                                                       | x                                                                                                                                       |
|                         | Communication*      | x                                                            | x                                           | x                                                                          |                                       |                                                 | x                                                                                 | x                                         | x                                                                     | x                                                                                                                                       |
|                         | Leadership          |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           | x                                                                     | x                                                                                                                                       |
| Education               |                     | x                                                            | x                                           | x                                                                          | x                                     | x                                               | x                                                                                 | x                                         | x                                                                     | x                                                                                                                                       |
|                         | Competencies        |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
|                         | knowledge           | x                                                            | x                                           | x                                                                          |                                       | x                                               |                                                                                   | x                                         | x                                                                     | x                                                                                                                                       |
|                         | skill               | x                                                            | x                                           |                                                                            |                                       |                                                 |                                                                                   |                                           | x                                                                     | x                                                                                                                                       |

Table 6. *Cont.*[illegible]

Table 6. *Cont.*[illegible]



**Table 8.** Presence of Social determinants of health (SDH) indicators in the actual document such as the conventions.

[illegible]

[illegible]

[illegible]

**Table 9.** hit counts for terms linked to the social from existing literature [10,11,103–141,173] in abstracts mentioning “the documents”.

[illegible]

Table 9. Cont.

| Terms                                                                                 | Convention on the Rights of Persons with Disabilities (CRPD)<br>N = 1775<br>Abstracts | Convention on the Rights of the Child (CRC)<br>N = 3050<br>Abstracts | Convention on the Elimination of All Forms of Discrimination against Women<br>N = 493<br>Abstracts | Universal Declaration of Human Rights<br>N = 2487<br>Abstracts | Declaration on the Rights of Indigenous Peoples<br>N = 543<br>Abstracts | International Convention on the Elimination of All Forms of Racial Discrimination<br>N = 107<br>Abstracts | UN Framework Convention on Climate Change<br>N = 603<br>Abstracts | “Transforming Our World: The 2030 Agenda for Sustainable Development”<br>N = 79<br>Abstracts | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities (Not Enough Abstracts Therefore Not Done) |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| “Psychological wellbeing” or “Psychological well-being” or “Psychological well being” | 0                                                                                     | 3                                                                    | 0                                                                                                  | 0                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “social wellbeing” or “social well-being” or “social well being”                      | 1                                                                                     | 4                                                                    | 2                                                                                                  | 7                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “Societal wellbeing” or “Societal well-being” or “Societal well being”                | 0                                                                                     | 0                                                                    | 0                                                                                                  | 0                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “Subjective wellbeing” or “Subjective well-being” or “Subjective well being”          | 2                                                                                     | 8                                                                    | 0                                                                                                  | 1                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |

Table 9. Cont.

| Terms                                                                             | Convention on the Rights of Persons with Disabilities (CRPD)<br>N = 1775<br>Abstracts | Convention on the Rights of the Child (CRC)<br>N = 3050<br>Abstracts | Convention on the Elimination of All Forms of Discrimination against Women<br>N = 493<br>Abstracts | Universal Declaration of Human Rights<br>N = 2487<br>Abstracts | Declaration on the Rights of Indigenous Peoples<br>N = 543<br>Abstracts | International Convention on the Elimination of All Forms of Racial Discrimination<br>N = 107<br>Abstracts | UN Framework Convention on Climate Change<br>N = 603<br>Abstracts | “Transforming Our World: The 2030 Agenda for Sustainable Development”<br>N = 79<br>Abstracts | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities (Not Enough Abstracts Therefore Not Done) |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| “the documents”                                                                   |                                                                                       |                                                                      |                                                                                                    |                                                                |                                                                         |                                                                                                           |                                                                   |                                                                                              |                                                                                                                                                                                   |
| Convention on the Rights of Persons with Disabilities”                            | x                                                                                     | 39                                                                   | 8                                                                                                  | 9                                                              | 1                                                                       | 2                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “Convention on the Rights of the Child”                                           | 29                                                                                    | x                                                                    | 44                                                                                                 | 62                                                             | 6                                                                       | 7                                                                                                         | 2                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| Convention on the Elimination of All Forms of Discrimination against Women        | 4                                                                                     | 46                                                                   | x                                                                                                  | 36                                                             | 0                                                                       | 11                                                                                                        | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “Declaration on the Rights of Indigenous Peoples”                                 | 0                                                                                     | 7                                                                    | 0                                                                                                  | 9                                                              | x                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| International Convention on the Elimination of All Forms of Racial Discrimination | 1                                                                                     | 7                                                                    | 13                                                                                                 | 8                                                              | 0                                                                       | x                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |

Table 9. Cont.

| Terms                                                                 | Convention on the Rights of Persons with Disabilities (CRPD)<br>N = 1775<br>Abstracts | Convention on the Rights of the Child (CRC)<br>N = 3050<br>Abstracts | Convention on the Elimination of All Forms of Discrimination against Women<br>N = 493<br>Abstracts | Universal Declaration of Human Rights<br>N = 2487<br>Abstracts | Declaration on the Rights of Indigenous Peoples<br>N = 543<br>Abstracts | International Convention on the Elimination of All Forms of Racial Discrimination<br>N = 107<br>Abstracts | UN Framework Convention on Climate Change<br>N = 603<br>Abstracts | “Transforming Our World: The 2030 Agenda for Sustainable Development”<br>N = 79<br>Abstracts | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities (Not Enough Abstracts Therefore Not Done) |
|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| “Universal Declaration of Human Rights”                               | 9                                                                                     | 59                                                                   | 35                                                                                                 | x                                                              | 9                                                                       | 8                                                                                                         | 2                                                                 | 2                                                                                            |                                                                                                                                                                                   |
| UN Framework Convention on Climate Change                             | 0                                                                                     | 2                                                                    | 0                                                                                                  | 1                                                              | 0                                                                       | 0                                                                                                         | x                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “transforming our world: the 2030 agenda for sustainable development” | 0                                                                                     | 0                                                                    | 0                                                                                                  | 2                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | x                                                                                            |                                                                                                                                                                                   |
| UN flagship report on disability and development                      | 0                                                                                     | 0                                                                    | 0                                                                                                  | 0                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| Various indicators linked to the social                               |                                                                                       |                                                                      |                                                                                                    |                                                                |                                                                         |                                                                                                           |                                                                   |                                                                                              |                                                                                                                                                                                   |
| “Autonomy”                                                            | x                                                                                     | 51                                                                   | 12                                                                                                 | 38                                                             | 22                                                                      | 0                                                                                                         | 2                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “Bias”                                                                | 9                                                                                     | 6                                                                    | 4                                                                                                  | 22                                                             | 0                                                                       | 0                                                                                                         | 1                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “COVID”                                                               | 11                                                                                    | 20                                                                   | 0                                                                                                  | 16                                                             | 3                                                                       | 1                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “data protection”                                                     | 0                                                                                     | 5                                                                    | 0                                                                                                  | 10                                                             | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |

Table 9. Cont.

| Terms                    | Convention on the Rights of Persons with Disabilities (CRPD)<br>N = 1775<br>Abstracts | Convention on the Rights of the Child (CRC)<br>N = 3050<br>Abstracts | Convention on the Elimination of All Forms of Discrimination against Women<br>N = 493<br>Abstracts | Universal Declaration of Human Rights<br>N = 2487<br>Abstracts | Declaration on the Rights of Indigenous Peoples<br>N = 543<br>Abstracts | International Convention on the Elimination of All Forms of Racial Discrimination<br>N = 107<br>Abstracts | UN Framework Convention on Climate Change<br>N = 603<br>Abstracts | “Transforming Our World: The 2030 Agenda for Sustainable Development”<br>N = 79<br>Abstracts | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities (Not Enough Abstracts Therefore Not Done) |
|--------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| “dignity”                | x                                                                                     | x                                                                    | 13                                                                                                 | x                                                              | 11                                                                      | 4                                                                                                         | 0                                                                 | 1                                                                                            |                                                                                                                                                                                   |
| “environmental activism” | 0                                                                                     | 0                                                                    | 0                                                                                                  | 0                                                              | 0                                                                       | 0                                                                                                         | 2                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “Environmental issues”   | 0                                                                                     | 1                                                                    | 1                                                                                                  | 7                                                              | 1                                                                       | 0                                                                                                         | 6                                                                 | 2                                                                                            |                                                                                                                                                                                   |
| “Ethic*”                 | 44                                                                                    | x                                                                    | 9                                                                                                  | x                                                              | 14                                                                      | 0                                                                                                         | 6                                                                 | 4                                                                                            |                                                                                                                                                                                   |
| “good life”              | 1                                                                                     | 4                                                                    | 0                                                                                                  | 0                                                              | 2                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “Health Equity”          | 1                                                                                     | 7                                                                    | 0                                                                                                  | 5                                                              | 1                                                                       | 0                                                                                                         | 0                                                                 | 1                                                                                            |                                                                                                                                                                                   |
| Identity                 | 17                                                                                    | 54                                                                   | 11                                                                                                 | 68                                                             | 35                                                                      | 7                                                                                                         | 3                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| Independence             | 22                                                                                    | 5                                                                    | 0                                                                                                  | 2                                                              | 3                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| Interdependence          | 8                                                                                     | 13                                                                   | 1                                                                                                  | 9                                                              | 1                                                                       | 1                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| Interdependent           | 4                                                                                     | 11                                                                   | 2                                                                                                  | 16                                                             | 1                                                                       | 0                                                                                                         | 1                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “Justice”                | x                                                                                     | x                                                                    | 51                                                                                                 | x                                                              | 32                                                                      | 16                                                                                                        | 27                                                                | 5                                                                                            |                                                                                                                                                                                   |
| “Privacy”                | 9                                                                                     | 42                                                                   | 5                                                                                                  | 0                                                              | 1                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “Quantum ethics”         | 0                                                                                     | 0                                                                    | 0                                                                                                  | 0                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “Respected”              | 17                                                                                    | 57                                                                   | 2                                                                                                  | 27                                                             | 2                                                                       | 0                                                                                                         | 1                                                                 | 1                                                                                            |                                                                                                                                                                                   |
| “Respecting”             | 0                                                                                     | 3                                                                    | 0                                                                                                  | 0                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |

[illegible]

**Table 10.** Hit counts for the terms used for 21 “well-being measures” in abstracts mentioning “the documents”.

[illegible]



Table 10. *Cont.*[illegible]

**Table 11.** Presence of Community Based Rehabilitation Matrix indicators in abstracts mentioning “the documents”.

| Primary Indicator | Secondary Indicator                                                                             | Convention on the Rights of Persons with Disabilities (CRPD)<br>N = 1775 Abstracts | Convention on the Rights of the Child (CRC)<br>N = 3050 Abstracts | Convention on the Elimination of All Forms of Discrimination against Women<br>N = 493 Abstracts | Universal Declaration of Human Rights<br>N = 2487 Abstracts | Declaration on the Rights of Indigenous Peoples<br>N = 543 Abstracts | International Convention on the Elimination of All Forms of Racial Discrimination<br>N = 107 Abstracts | UN Framework Convention on Climate Change<br>N = 603 Abstracts | “Transforming Our World: The 2030 Agenda for Sustainable Development”<br>N = 79 Abstracts | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities (Not Enough Abstracts Therefore Not Done) |
|-------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Health            |                                                                                                 | x                                                                                  | x                                                                 | x                                                                                               | x                                                           | x                                                                    | 4                                                                                                      | x                                                              | 19                                                                                        |                                                                                                                                                                                   |
|                   | “healthcare” OR “health care”                                                                   | x                                                                                  | x                                                                 | 8                                                                                               | x                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 4                                                                                         |                                                                                                                                                                                   |
|                   | “assistive technology” OR “assistive technologies” OR “assistive device” OR “assistive devices” | x                                                                                  | 0                                                                 | 0                                                                                               | 2                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
|                   | “Health promotion”                                                                              | 8                                                                                  | 14                                                                | 0                                                                                               | 7                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 1                                                                                         |                                                                                                                                                                                   |
|                   | “Health prevention”                                                                             | 1                                                                                  | 3                                                                 | 0                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
|                   | Rehabilitation                                                                                  | x                                                                                  | 44                                                                | 1                                                                                               | 6                                                           | 2                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| Education         |                                                                                                 | x                                                                                  | x                                                                 | x                                                                                               | x                                                           | x                                                                    | 5                                                                                                      | 8                                                              | 22                                                                                        |                                                                                                                                                                                   |
|                   | “Childhood education”                                                                           | 4                                                                                  | x                                                                 | 0                                                                                               | 8                                                           | 2                                                                    | 0                                                                                                      | 0                                                              | 2                                                                                         |                                                                                                                                                                                   |
|                   | “Primary education”                                                                             | 4                                                                                  | 19                                                                | 2                                                                                               | 7                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 2                                                                                         |                                                                                                                                                                                   |

Table 11. Cont.

| Primary Indicator | Secondary Indicator   | Convention on the Rights of Persons with Disabilities (CRPD)<br>N = 1775 Abstracts | Convention on the Rights of the Child (CRC)<br>N = 3050 Abstracts | Convention on the Elimination of All Forms of Discrimination against Women<br>N = 493 Abstracts | Universal Declaration of Human Rights<br>N = 2487 Abstracts | Declaration on the Rights of Indigenous Peoples<br>N = 543 Abstracts | International Convention on the Elimination of All Forms of Racial Discrimination<br>N = 107 Abstracts | UN Framework Convention on Climate Change<br>N = 603 Abstracts | “Transforming Our World: The 2030 Agenda for Sustainable Development”<br>N = 79 Abstracts | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities (Not Enough Abstracts Therefore Not Done) |
|-------------------|-----------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | “Secondary education” | 4                                                                                  | 8                                                                 | 0                                                                                               | 5                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
|                   | “Non-formal”          | 1                                                                                  | 3                                                                 | 0                                                                                               | 1                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 3                                                                                         |                                                                                                                                                                                   |
|                   | “Life-long learning”  | 0                                                                                  | 0                                                                 | 0                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| Livelihood        |                       | 8                                                                                  | 4                                                                 | 4                                                                                               | 5                                                           | 3                                                                    | 0                                                                                                      | 4                                                              | 0                                                                                         |                                                                                                                                                                                   |
|                   | “Skills development”  | 1                                                                                  | 1                                                                 | 0                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
|                   | Self-Employment       | 0                                                                                  | 0                                                                 | 0                                                                                               | 1                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
|                   | “Financial services”  | 0                                                                                  | 0                                                                 | 1                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 1                                                              | 0                                                                                         |                                                                                                                                                                                   |
|                   | “Wage employment”     | 0                                                                                  | 0                                                                 | 0                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
|                   | “Social protection”   | 15                                                                                 | 7                                                                 | 3                                                                                               | 11                                                          | 0                                                                    | 0                                                                                                      | 1                                                              | 0                                                                                         |                                                                                                                                                                                   |
| social            |                       | 1128 (hits not abstracts)                                                          | 2153 (hits not abstracts)                                         | 347 (hits not abstracts)                                                                        | 1894 (hits not abstracts)                                   | 140 (hits not abstracts)                                             | 34                                                                                                     | 68                                                             | 23                                                                                        |                                                                                                                                                                                   |
|                   | “social relationship” | 2                                                                                  | 6                                                                 | 0                                                                                               | 0                                                           | 1                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |

Table 11. Cont.

| Primary Indicator | Secondary Indicator               | Convention on the Rights of Persons with Disabilities (CRPD)<br>N = 1775 Abstracts | Convention on the Rights of the Child (CRC)<br>N = 3050 Abstracts | Convention on the Elimination of All Forms of Discrimination against Women<br>N = 493 Abstracts | Universal Declaration of Human Rights<br>N = 2487 Abstracts | Declaration on the Rights of Indigenous Peoples<br>N = 543 Abstracts | International Convention on the Elimination of All Forms of Racial Discrimination<br>N = 107 Abstracts | UN Framework Convention on Climate Change<br>N = 603 Abstracts | “Transforming Our World: The 2030 Agenda for Sustainable Development”<br>N = 79 Abstracts | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities (Not Enough Abstracts Therefore Not Done) |
|-------------------|-----------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | family                            | x                                                                                  | x                                                                 | x                                                                                               | x                                                           | 4                                                                    | 3                                                                                                      | 1                                                              | 0                                                                                         |                                                                                                                                                                                   |
|                   | “Personal Assistance”             | 7                                                                                  | 0                                                                 | 0                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
|                   | Culture                           | 41                                                                                 | 39                                                                | 39                                                                                              | x                                                           | 51                                                                   | 6                                                                                                      | 2                                                              | 1                                                                                         |                                                                                                                                                                                   |
|                   | Arts                              | 6                                                                                  | 15                                                                | 2                                                                                               | 23                                                          | 4                                                                    | 0                                                                                                      | 3                                                              | 0                                                                                         |                                                                                                                                                                                   |
|                   | Recreation OR leisure OR sport*   | x                                                                                  | x                                                                 | 3                                                                                               | x                                                           | 2                                                                    | 0                                                                                                      | 1                                                              | 0                                                                                         |                                                                                                                                                                                   |
| Empowerment       |                                   | 41                                                                                 | 34                                                                | 19                                                                                              | 22                                                          | 5                                                                    | 0                                                                                                      | 1                                                              | 1                                                                                         |                                                                                                                                                                                   |
|                   | Communication                     | x                                                                                  | x                                                                 | 4                                                                                               | x                                                           | 5                                                                    | 3                                                                                                      | 9                                                              | 4                                                                                         |                                                                                                                                                                                   |
|                   | “Social mobilization”             | 0                                                                                  | 2                                                                 | 1                                                                                               | 0                                                           | 2                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
|                   | “Political participation”         | 9                                                                                  | 8                                                                 | 12                                                                                              | 7                                                           | 6                                                                    | 1                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
|                   | “Self-help groups”                | 1                                                                                  | 0                                                                 | 0                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
|                   | “Disabled people’s organizations” | 1                                                                                  | 0                                                                 | 0                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |

**Table 12.** Presence of Canadian Index of Wellbeing indicators in abstracts mentioning “the documents.

| Primary Indicator       | Secondary Indicator | Convention on the Rights of Persons with Disabilities (CRPD)<br>N = 1775 Abstracts | Convention on the Rights of the Child (CRC)<br>N = 3050 Abstracts | Convention on the Elimination of All Forms of Discrimination against Women<br>N = 493 Abstracts | Universal Declaration of Human Rights<br>N = 2487 Abstracts | Declaration On The Rights Of Indigenous Peoples<br>N = 543 Abstracts | International Convention on the Elimination of All Forms of Racial Discrimination<br>N = 107 Abstracts | UN Framework Convention on Climate Change<br>N = 603 Abstracts | “Transforming Our World: The 2030 Agenda for Sustainable Development”<br>N = 79 Abstracts | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities (Not Enough Abstracts Therefore Not Done) |
|-------------------------|---------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| “Social Relationship**” |                     | 2                                                                                  | 5                                                                 | 0                                                                                               | 0                                                           | 1                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
|                         | “Social engagement” | 2                                                                                  | 0                                                                 | 0                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
|                         | “Social Support”    | 9                                                                                  | 6                                                                 | 2                                                                                               | 5                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
|                         | “Community safety”  | 0                                                                                  | 1                                                                 | 0                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Social norm**”         |                     | 4                                                                                  | 5                                                                 | 3                                                                                               | 6                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Democratic engagement” |                     | 0                                                                                  | 0                                                                 | 0                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
|                         | Participation       | x                                                                                  | x                                                                 | 42                                                                                              | x                                                           | 38                                                                   | 7                                                                                                      | 27                                                             | 2                                                                                         |                                                                                                                                                                                   |
|                         | Communication       | x                                                                                  | x                                                                 | 4                                                                                               | x                                                           | 5                                                                    | 3                                                                                                      | 9                                                              | 4                                                                                         |                                                                                                                                                                                   |
|                         | Leadership          | 15                                                                                 | 24                                                                | 13                                                                                              | 17                                                          | 5                                                                    | 0                                                                                                      | 22                                                             | 3                                                                                         |                                                                                                                                                                                   |
| Education               |                     | x                                                                                  | x                                                                 | x                                                                                               | x                                                           | x                                                                    | 5                                                                                                      | 8                                                              | 22                                                                                        |                                                                                                                                                                                   |
|                         | competencies        | 11                                                                                 | 15                                                                | 0                                                                                               | 7                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 2                                                                                         |                                                                                                                                                                                   |
|                         | knowledge           | x                                                                                  | x                                                                 | 14                                                                                              | x                                                           | 44                                                                   | 0                                                                                                      | 31                                                             | 8                                                                                         |                                                                                                                                                                                   |
|                         | skill               | 9                                                                                  | 2                                                                 | 0                                                                                               | 3                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |

Table 12. Cont.

| Primary Indicator    | Secondary Indicator     | Convention on the Rights of Persons with Disabilities (CRPD)<br>N = 1775 Abstracts | Convention on the Rights of the Child (CRC)<br>N = 3050 Abstracts | Convention on the Elimination of All Forms of Discrimination against Women<br>N = 493 Abstracts | Universal Declaration of Human Rights<br>N = 2487 Abstracts | Declaration On The Rights Of Indigenous Peoples<br>N = 543 Abstracts | International Convention on the Elimination of All Forms of Racial Discrimination<br>N = 107 Abstracts | UN Framework Convention on Climate Change<br>N = 603 Abstracts | “Transforming Our World: The 2030 Agenda for Sustainable Development”<br>N = 79 Abstracts | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities (Not Enough Abstracts Therefore Not Done) |
|----------------------|-------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environment          |                         | x                                                                                  | 11                                                                | x                                                                                               | 17                                                          | x                                                                    | 1                                                                                                      | x                                                              | 15                                                                                        |                                                                                                                                                                                   |
|                      | Air                     | 0                                                                                  | 10                                                                | 1                                                                                               | 5                                                           | 1                                                                    | 0                                                                                                      | x                                                              | 1                                                                                         |                                                                                                                                                                                   |
|                      | Energy                  | 1                                                                                  | 8                                                                 | 1                                                                                               | 9                                                           | 9                                                                    | 0                                                                                                      | x                                                              | 11                                                                                        |                                                                                                                                                                                   |
|                      | Freshwater              | 0                                                                                  | 0                                                                 | 0                                                                                               | 0                                                           | x                                                                    | 0                                                                                                      | x                                                              | 0                                                                                         |                                                                                                                                                                                   |
|                      | “Nonrenewable material” | 0                                                                                  | 0                                                                 | 0                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
|                      | “Biotic resources”      | 0                                                                                  | 0                                                                 | 0                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Healthy population” |                         | 0                                                                                  | 0                                                                 | 0                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
|                      | “personal wellbeing”    | 0                                                                                  | 0                                                                 | 0                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
|                      | “Physical health”       | 4                                                                                  | 6                                                                 | 0                                                                                               | 4                                                           | 1                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
|                      | “Life expectancy”       | 0                                                                                  | 0                                                                 | 0                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
|                      | “Mental health”         | x                                                                                  | x                                                                 | 0                                                                                               | 33                                                          | 3                                                                    | 0                                                                                                      | 1                                                              | 0                                                                                         |                                                                                                                                                                                   |



**Table 13.** Presence of Better Life Index indicators in abstracts mentioning “the documents”.

| Indicator              | Convention on the Rights of Persons with Disabilities (CRPD)<br>N = 1775<br>Abstracts | Convention on the Rights of the Child (CRC)<br>N = 3050<br>Abstracts | Convention on the Elimination of All Forms of Discrimination against Women<br>N = 493<br>Abstracts | Universal Declaration of Human Rights<br>N = 2487<br>Abstracts | Declaration on the Rights of Indigenous Peoples<br>N = 543<br>Abstracts | International Convention on the Elimination of All Forms of Racial Discrimination<br>N = 107<br>Abstracts | UN Framework Convention on Climate Change<br>N = 603<br>Abstracts | “Transforming Our World: The 2030 Agenda for Sustainable Development”<br>N = 79<br>Abstracts | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities (Not Enough Abstracts Therefore Not Done) |
|------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| “Civic Engagement”     | 0                                                                                     | 4                                                                    | 0                                                                                                  | 0                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| Community              | x                                                                                     | x                                                                    | 33                                                                                                 | x                                                              | x                                                                       | 9                                                                                                         | 47                                                                | 8                                                                                            |                                                                                                                                                                                   |
| Education              | x                                                                                     | x                                                                    | x                                                                                                  | x                                                              | x                                                                       | 5                                                                                                         | 8                                                                 | 22                                                                                           |                                                                                                                                                                                   |
| Environment            | x                                                                                     | 11                                                                   | x                                                                                                  | 17                                                             | x                                                                       | 1                                                                                                         | x                                                                 | 15                                                                                           |                                                                                                                                                                                   |
| Health                 | x                                                                                     | x                                                                    | x                                                                                                  | x                                                              | x                                                                       | 4                                                                                                         | x                                                                 | 19                                                                                           |                                                                                                                                                                                   |
| Housing                | 25                                                                                    | 20                                                                   | 4                                                                                                  | x                                                              | 0                                                                       | 2                                                                                                         | 1                                                                 | 1                                                                                            |                                                                                                                                                                                   |
| Income                 | 47                                                                                    | 63                                                                   | 6                                                                                                  | 47                                                             | 1                                                                       | 0                                                                                                         | 10                                                                | 1                                                                                            |                                                                                                                                                                                   |
| Jobs                   | 6                                                                                     | 3                                                                    | 3                                                                                                  | 13                                                             | 0                                                                       | 0                                                                                                         | 1                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “Life Satisfaction”    | 0                                                                                     | x                                                                    | 0                                                                                                  | 0                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “Physical environment” | 6                                                                                     | 6                                                                    | 0                                                                                                  | 1                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| Safety                 | 16                                                                                    | 67                                                                   | 5                                                                                                  | 39                                                             | 1                                                                       | 0                                                                                                         | 4                                                                 | 2                                                                                            |                                                                                                                                                                                   |
| “Work life balance”    | 0                                                                                     | 1                                                                    | 0                                                                                                  | 0                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |

**Table 14.** Presence of Social determinants of health (SDH) indicators in abstracts mentioning “the documents”.

| Indicator                                                                     | Convention on the Rights of Persons with Disabilities (CRPD)<br>N = 1775<br>Abstracts | Convention on the Rights of the Child (CRC)<br>N = 3050<br>Abstracts | Convention on the Elimination of All Forms of Discrimination against Women<br>N = 493<br>Abstracts | Universal Declaration of Human Rights<br>N = 2487<br>Abstracts | Declaration on the Rights of Indigenous Peoples<br>N = 543<br>Abstracts | International Convention on the Elimination of All Forms of Racial Discrimination<br>N = 107<br>Abstracts | UN Framework Convention on Climate Change<br>N = 603<br>Abstracts | “Transforming Our World: The 2030 Agenda for Sustainable Development”<br>N = 79<br>Abstracts | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities (Not Enough Abstracts Therefore Not Done) |
|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| “Aboriginal” OR “first nations” OR “Metis” OR “Indigenous peoples” OR “Inuit” | 4                                                                                     | x                                                                    | 3                                                                                                  | 42                                                             | x                                                                       | 3                                                                                                         | 6                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| advocacy                                                                      | x                                                                                     | x                                                                    | 15                                                                                                 | 48                                                             | 13                                                                      | 2                                                                                                         | 3                                                                 | 3                                                                                            |                                                                                                                                                                                   |
| Coping                                                                        | 3                                                                                     | 8                                                                    | 0                                                                                                  | 2                                                              | 0                                                                       | 0                                                                                                         | 5                                                                 | 1                                                                                            |                                                                                                                                                                                   |
| discrimination                                                                | x                                                                                     | x                                                                    | x                                                                                                  | x                                                              | 24                                                                      | x                                                                                                         | 1                                                                 | 1                                                                                            |                                                                                                                                                                                   |
| “Early Childhood Development”                                                 | 2                                                                                     | 11                                                                   | 0                                                                                                  | 0                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| Education                                                                     | x                                                                                     | x                                                                    | x                                                                                                  | x                                                              | x                                                                       | 5                                                                                                         | 8                                                                 | 22                                                                                           |                                                                                                                                                                                   |
| Employment                                                                    | x                                                                                     | 27                                                                   | 22                                                                                                 | x                                                              | 2                                                                       | 0                                                                                                         | 2                                                                 | 1                                                                                            |                                                                                                                                                                                   |
| “Food Insecurity” or “food security”                                          | 0                                                                                     | 7                                                                    | 0                                                                                                  | 24                                                             | 2                                                                       | 0                                                                                                         | 11                                                                | 3                                                                                            |                                                                                                                                                                                   |
| Ethnic                                                                        | 9                                                                                     | 50                                                                   | 5                                                                                                  | 50                                                             | 22                                                                      | 23                                                                                                        | 0                                                                 | 1                                                                                            |                                                                                                                                                                                   |
| Gender                                                                        | 44                                                                                    | x                                                                    | x                                                                                                  | x                                                              | 7                                                                       | 7                                                                                                         | 5                                                                 | 3                                                                                            |                                                                                                                                                                                   |
| genetic                                                                       | 7                                                                                     | 14                                                                   | 0                                                                                                  | 7                                                              | 6                                                                       | 0                                                                                                         | 1                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| globalization                                                                 | 4                                                                                     | 22                                                                   | 10                                                                                                 | 45                                                             | 3                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “Health Services”                                                             | 52                                                                                    | 61                                                                   | 14                                                                                                 | 19                                                             | 3                                                                       | 2                                                                                                         | 1                                                                 | 1                                                                                            |                                                                                                                                                                                   |
| Housing                                                                       | 25                                                                                    | 20                                                                   | 4                                                                                                  | x                                                              | 0                                                                       | 0                                                                                                         | 10                                                                | 1                                                                                            |                                                                                                                                                                                   |

Table 14. Cont.

| Indicator                                     | Convention on the Rights of Persons with Disabilities (CRPD)<br>N = 1775<br>Abstracts | Convention on the Rights of the Child (CRC)<br>N = 3050<br>Abstracts | Convention on the Elimination of All Forms of Discrimination against Women<br>N = 493<br>Abstracts | Universal Declaration of Human Rights<br>N = 2487<br>Abstracts | Declaration on the Rights of Indigenous Peoples<br>N = 543<br>Abstracts | International Convention on the Elimination of All Forms of Racial Discrimination<br>N = 107<br>Abstracts | UN Framework Convention on Climate Change<br>N = 603<br>Abstracts | “Transforming Our World: The 2030 Agenda for Sustainable Development”<br>N = 79<br>Abstracts | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities (Not Enough Abstracts Therefore Not Done) |
|-----------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| immigration                                   | 3                                                                                     | 46                                                                   | 3                                                                                                  | 31                                                             | 5                                                                       | 1                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| literacy                                      | 16                                                                                    | 15                                                                   | 1                                                                                                  | 18                                                             | 0                                                                       | 0                                                                                                         | 0                                                                 | 3                                                                                            |                                                                                                                                                                                   |
| “physical environment”                        | 6                                                                                     | 6                                                                    | 0                                                                                                  | 1                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| Race or racialized                            | 13                                                                                    | 15                                                                   | 11                                                                                                 | 70                                                             | 2                                                                       | 20                                                                                                        | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “social engagement”                           | 2                                                                                     | 0                                                                    | 0                                                                                                  | 0                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “Social Exclusion”                            | 16                                                                                    | 15                                                                   | 0                                                                                                  | 8                                                              | 3                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “social integration”                          | 8                                                                                     | 4                                                                    | 0                                                                                                  | 5                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “Social Safety Network”                       | 0                                                                                     | 0                                                                    | 0                                                                                                  | 0                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “social status”                               | 4                                                                                     | 9                                                                    | 3                                                                                                  | 5                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| Stress                                        | 5                                                                                     | 26                                                                   | 1                                                                                                  | 19                                                             | 0                                                                       | 1                                                                                                         | 2                                                                 | x                                                                                            |                                                                                                                                                                                   |
| Transportation                                | 15                                                                                    | 2                                                                    | 1                                                                                                  | 3                                                              | 0                                                                       | 1                                                                                                         | 4                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “vocational training”                         | 11                                                                                    | 2                                                                    | 0                                                                                                  | 0                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| walkability                                   | 0                                                                                     | 0                                                                    | 0                                                                                                  | 0                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “Women with disabilities” or “Disabled women” | 16                                                                                    | 0                                                                    | 2                                                                                                  | 0                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |

**Table 15.** Keywords of social issues identified from the Convention on the Rights of Persons with Disabilities (CRPD) document (Appendix A) not already in the list of the pre-set keywords from existing literature in the other documents.

| Terms Reflecting Social Issues | Convention on the Rights of Persons with Disabilities (CRPD) | Convention on the Rights of the Child (CRC) | Convention on the Elimination of All Forms of Discrimination against Women | Universal Declaration of Human Rights | Declaration on the Rights of Indigenous Peoples | International Convention on the Elimination of All Forms of Racial Discrimination | UN Framework Convention on Climate Change | “Transforming Our World: The 2030 Agenda for Sustainable Development” | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities |
|--------------------------------|--------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| “Abandonment”                  | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “Ability”                      | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           | x                                                                     | x                                                                                                                                       |
| “Abuse”                        | x                                                            | x                                           |                                                                            |                                       |                                                 |                                                                                   |                                           | x                                                                     | x                                                                                                                                       |
| “Academic development”         | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “Access to information”        | x                                                            | x                                           |                                                                            |                                       |                                                 |                                                                                   | x                                         | x                                                                     | x                                                                                                                                       |
| “Accessible information”       | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| “Adoption”                     | x                                                            | x                                           | x                                                                          |                                       |                                                 | x                                                                                 | x                                         | x                                                                     | x                                                                                                                                       |
| “Affirmative action”           | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| “alternative communication”    |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| “Armed conflict”               | x                                                            | x                                           |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| “Art”                          |                                                              | x                                           |                                                                            | x                                     | x                                               |                                                                                   | x                                         |                                                                       |                                                                                                                                         |
| “augmentative communication”   | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “Awareness”                    | x                                                            |                                             | x                                                                          |                                       |                                                 |                                                                                   | x                                         | x                                                                     | x                                                                                                                                       |

Table 15. Cont.

| Terms Reflecting Social Issues | Convention on the Rights of Persons with Disabilities (CRPD) | Convention on the Rights of the Child (CRC) | Convention on the Elimination of All Forms of Discrimination against Women | Universal Declaration of Human Rights | Declaration on the Rights of Indigenous Peoples | International Convention on the Elimination of All Forms of Racial Discrimination | UN Framework Convention on Climate Change | “Transforming Our World: The 2030 Agenda for Sustainable Development” | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities |
|--------------------------------|--------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| “Awareness raising”            | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           | x                                                                     | x                                                                                                                                       |
| “Best practice”                | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           | x                                                                     | x                                                                                                                                       |
| “Braille”                      | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| “Capacity building”            | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   | x                                         |                                                                       | x                                                                                                                                       |
| “Child rearing”                | x                                                            | x                                           |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “Clothing”                     | x                                                            | x                                           |                                                                            | x                                     |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “Concealment”                  | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “Creativity”                   | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           | x                                                                     | x                                                                                                                                       |
| “Cultural identity”            | x                                                            | x                                           |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “Cultural life”                | x                                                            | x                                           | x                                                                          | x                                     | x                                               |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| “Economic assistance”          | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “Entrepreneurship”             | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           | x                                                                     | x                                                                                                                                       |
| “Exploitation”                 | x                                                            | x                                           | x                                                                          |                                       | x                                               |                                                                                   |                                           | x                                                                     | x                                                                                                                                       |
| “Food”                         | x                                                            | x                                           | x                                                                          | x                                     |                                                 |                                                                                   | x                                         | x                                                                     | x                                                                                                                                       |
| “Freedom of expression”        | x                                                            | x                                           |                                                                            |                                       | x                                               |                                                                                   |                                           |                                                                       | x                                                                                                                                       |

Table 15. Cont.

| Terms Reflecting Social Issues | Convention on the Rights of Persons with Disabilities (CRPD) | Convention on the Rights of the Child (CRC) | Convention on the Elimination of All Forms of Discrimination against Women | Universal Declaration of Human Rights | Declaration on the Rights of Indigenous Peoples | International Convention on the Elimination of All Forms of Racial Discrimination | UN Framework Convention on Climate Change | “Transforming Our World: The 2030 Agenda for Sustainable Development” | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities |
|--------------------------------|--------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| “Fundamental freedom”          | x                                                            | x                                           | x                                                                          | x                                     | x                                               | x                                                                                 |                                           | x                                                                     | x                                                                                                                                       |
| “Guardianship”                 | x                                                            |                                             | x                                                                          |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| “Habilitation”                 | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “Harassment”                   | x                                                            |                                             |                                                                            |                                       | x                                               |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| “Harmful”                      | x                                                            | x                                           | x                                                                          |                                       | x                                               | x                                                                                 |                                           | x                                                                     | x                                                                                                                                       |
| “Health insurance”             | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| “Human rights”                 | x                                                            | x                                           | x                                                                          | x                                     | x                                               | x                                                                                 |                                           | x                                                                     | x                                                                                                                                       |
| “Humanitarian emergencies”     | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           | x                                                                     | x                                                                                                                                       |
| “Intellectual property”        | x                                                            | x                                           |                                                                            |                                       | x                                               |                                                                                   |                                           | x                                                                     |                                                                                                                                         |
| “International collaboration”  | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “Isolation”                    | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| “Knowledge”                    | x                                                            | x                                           | x                                                                          |                                       | x                                               |                                                                                   | x                                         | x                                                                     | x                                                                                                                                       |
| “Lack of knowledge”            |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “Life insurance”               | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |

Table 15. Cont.

| Terms Reflecting Social Issues | Convention on the Rights of Persons with Disabilities (CRPD) | Convention on the Rights of the Child (CRC) | Convention on the Elimination of All Forms of Discrimination against Women | Universal Declaration of Human Rights | Declaration on the Rights of Indigenous Peoples | International Convention on the Elimination of All Forms of Racial Discrimination | UN Framework Convention on Climate Change | “Transforming Our World: The 2030 Agenda for Sustainable Development” | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities |
|--------------------------------|--------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| “Linguistic identity”          | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “living condition”             | x                                                            | x                                           | x                                                                          |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| “marriage”                     | x                                                            | x                                           | x                                                                          | x                                     |                                                 | x                                                                                 |                                           | x                                                                     | x                                                                                                                                       |
| “media portrayal”              | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “mentorship” or “mentor”       |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “mobility”                     | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           | x                                                                     | x                                                                                                                                       |
| “natural disaster”             | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   | x                                         | x                                                                     | x                                                                                                                                       |
| “neglect”                      | x                                                            | x                                           |                                                                            |                                       |                                                 |                                                                                   |                                           | x                                                                     | x                                                                                                                                       |
| “peer support”                 | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| “personal mobility”            | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| “personhood”                   |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “political life”               | x                                                            |                                             | x                                                                          |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| “political parties’            | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “political rights’             | x                                                            | x                                           | x                                                                          |                                       | x                                               | x                                                                                 |                                           |                                                                       |                                                                                                                                         |
| “portrayal”                    | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “poverty”                      | x                                                            |                                             | x                                                                          |                                       |                                                 |                                                                                   | x                                         | x                                                                     | x                                                                                                                                       |
| “prejudice”                    | x                                                            |                                             | x                                                                          |                                       | x                                               | x                                                                                 | x                                         | x                                                                     | x                                                                                                                                       |

Table 15. Cont.

| Terms Reflecting Social Issues | Convention on the Rights of Persons with Disabilities (CRPD) | Convention on the Rights of the Child (CRC) | Convention on the Elimination of All Forms of Discrimination against Women | Universal Declaration of Human Rights | Declaration on the Rights of Indigenous Peoples | International Convention on the Elimination of All Forms of Racial Discrimination | UN Framework Convention on Climate Change | “Transforming Our World: The 2030 Agenda for Sustainable Development” | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities |
|--------------------------------|--------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| “public life”                  | x                                                            |                                             | x                                                                          |                                       |                                                 | x                                                                                 |                                           | x                                                                     | x                                                                                                                                       |
| “reasonable accommodation”     | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| “receptiveness (to rights)”    | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “research and development”     | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   | x                                         | x                                                                     | x                                                                                                                                       |
| “respite care”                 | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “segregation”                  | x                                                            |                                             |                                                                            |                                       |                                                 | x                                                                                 |                                           |                                                                       | x                                                                                                                                       |
| “self-respect”                 | x                                                            | x                                           |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “self-worth”                   | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “sign language”                | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| “social development”           | x                                                            | x                                           |                                                                            |                                       | x                                               |                                                                                   | x                                         | x                                                                     | x                                                                                                                                       |
| “social environment”           | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| “standard of living”           | x                                                            | x                                           |                                                                            | x                                     |                                                 |                                                                                   |                                           | x                                                                     | x                                                                                                                                       |
| “talent”                       | x                                                            | x                                           |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |

Table 15. Cont.

| Terms Reflecting Social Issues | Convention on the Rights of Persons with Disabilities (CRPD) | Convention on the Rights of the Child (CRC) | Convention on the Elimination of All Forms of Discrimination against Women | Universal Declaration of Human Rights | Declaration on the Rights of Indigenous Peoples | International Convention on the Elimination of All Forms of Racial Discrimination | UN Framework Convention on Climate Change | “Transforming Our World: The 2030 Agenda for Sustainable Development” | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities |
|--------------------------------|--------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| “technical assistance”         |                                                              |                                             |                                                                            |                                       | x                                               |                                                                                   |                                           | x                                                                     | x                                                                                                                                       |
| “training”                     | x                                                            | x                                           | x                                                                          |                                       | x                                               | x                                                                                 | x                                         | x                                                                     | x                                                                                                                                       |
| “universal design”             | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| “violence”                     | x                                                            | x                                           |                                                                            |                                       | x                                               | x                                                                                 |                                           | x                                                                     | x                                                                                                                                       |
| “voting”                       | x                                                            | x                                           | x                                                                          | x                                     |                                                 | x                                                                                 | x                                         | x                                                                     | x                                                                                                                                       |
| “water”                        | x                                                            | x                                           | x                                                                          |                                       | x                                               |                                                                                   | x                                         | x                                                                     | x                                                                                                                                       |
| “welfare”                      | x                                                            | x                                           | x                                                                          | x                                     |                                                 |                                                                                   | x                                         |                                                                       | x                                                                                                                                       |

[illegible]

Table 16. Cont.

| Terms Reflecting Social Issues | Convention on the Rights of Persons with Disabilities (CRPD)<br>N = 1775 Abstracts | Convention on the Rights of the Child (CRC)<br>N = 3050 Abstracts | Convention on the Elimination of All Forms of Discrimination against Women<br>N = 493 Abstracts | Universal Declaration of Human Rights<br>N = 2487 Abstracts | Declaration on the Rights of Indigenous Peoples<br>N = 543 Abstracts | International Convention on the Elimination of All Forms of Racial Discrimination<br>N = 107 Abstracts | UN Framework Convention on Climate Change<br>N = 603 Abstracts | “Transforming Our World: The 2030 Agenda for Sustainable Development”<br>N = 79 Abstracts | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities (Not Enough Abstracts Therefore Not Done) |
|--------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| “Awareness raising”            | 8                                                                                  | 7                                                                 | 0                                                                                               | 1                                                           | 0                                                                    | 0                                                                                                      | 1                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Awareness”                    | 70                                                                                 | x                                                                 | 15                                                                                              | 68                                                          | 9                                                                    | 0                                                                                                      | 7                                                              | 5                                                                                         |                                                                                                                                                                                   |
| “Best practice”                | 10                                                                                 | 13                                                                | 0                                                                                               | 4                                                           | 3                                                                    | 0                                                                                                      | 0                                                              | 1                                                                                         |                                                                                                                                                                                   |
| “Braille”                      | 5                                                                                  | 0                                                                 | 0                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Capacity building”            | 6                                                                                  | 3                                                                 | 1                                                                                               | 1                                                           | 0                                                                    | 0                                                                                                      | 9                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Child rearing”                | 3                                                                                  | 15                                                                | 1                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Clothing”                     | 0                                                                                  | 5                                                                 | 1                                                                                               | 14                                                          | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Concealment”                  | 0                                                                                  | 0                                                                 | 0                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Creativity”                   | 0                                                                                  | 7                                                                 | 0                                                                                               | 8                                                           | 2                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Cultural identity”            | 2                                                                                  | 4                                                                 | 0                                                                                               | 5                                                           | 9                                                                    | 1                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Cultural life”                | 6                                                                                  | 7                                                                 | 1                                                                                               | 18                                                          | 1                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Economic assistance”          | 2                                                                                  | 0                                                                 | 0                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Entrepreneurship”             | 0                                                                                  | 1                                                                 | 0                                                                                               | 3                                                           | 0                                                                    | 0                                                                                                      | 2                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Exploitation”                 | 14                                                                                 | x                                                                 | 9                                                                                               | 22                                                          | 7                                                                    | 1                                                                                                      | 4                                                              | 1                                                                                         |                                                                                                                                                                                   |
| “Food”                         | 8                                                                                  | x                                                                 | 8                                                                                               | x                                                           | 7                                                                    | 3                                                                                                      | 29                                                             | 7                                                                                         |                                                                                                                                                                                   |

Table 16. Cont.

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|--------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| “Freedom of expression”        | 3                                                                                  | 23                                                                | 1                                                                                               | x                                                           | 0                                                                    | 4                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Fundamental freedom”          | 13                                                                                 | 14                                                                | 7                                                                                               | 44                                                          | 5                                                                    | 3                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Guardianship”                 | x                                                                                  | 9                                                                 | 1                                                                                               | 0                                                           | 1                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Habilitation”                 | 0                                                                                  | 0                                                                 | 0                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Harassment”                   | 1                                                                                  | 6                                                                 | 11                                                                                              | 3                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Harmful”                      | 2                                                                                  | 30                                                                | 9                                                                                               | 2                                                           | 1                                                                    | 0                                                                                                      | 6                                                              | 1                                                                                         |                                                                                                                                                                                   |
| “Health insurance”             | 3                                                                                  | 4                                                                 | 0                                                                                               | 8                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Humanitarian emergencies”     | 1                                                                                  | 0                                                                 | 0                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| Human Rights                   | x                                                                                  | x                                                                 | x                                                                                               | x                                                           | x                                                                    | x                                                                                                      | 18                                                             | 8                                                                                         |                                                                                                                                                                                   |
| “Intellectual property”        | 3                                                                                  | 0                                                                 | 1                                                                                               | 25                                                          | 11                                                                   | 0                                                                                                      | 2                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “International collaboration”  | 2                                                                                  | 1                                                                 | 0                                                                                               | 2                                                           | 0                                                                    | 0                                                                                                      | 1                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Isolation”                    | 14                                                                                 | 18                                                                | 0                                                                                               | 9                                                           | 4                                                                    | 0                                                                                                      | 2                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Knowledge”                    | x                                                                                  | x                                                                 | 16                                                                                              | x                                                           | 43                                                                   | 0                                                                                                      | 31                                                             | 9                                                                                         |                                                                                                                                                                                   |

Table 16. Cont.

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|--------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| “Lack of knowledge”            | 3                                                                                  | 5                                                                 | 1                                                                                               | 1                                                           | 1                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Life insurance”               | 0                                                                                  | 0                                                                 | 0                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Linguistic identity”          | 2                                                                                  | 0                                                                 | 0                                                                                               | 1                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Living condition”             | 8                                                                                  | 13                                                                | 0                                                                                               | 2                                                           | 2                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Marriage”                     | 7                                                                                  | x                                                                 | x                                                                                               | x                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 2                                                                                         |                                                                                                                                                                                   |
| “Media portrayal”              | 0                                                                                  | 0                                                                 | 0                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Mentorship” or “mentor”       | 0                                                                                  | 0                                                                 | 0                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Mobility”                     | 29                                                                                 | 6                                                                 | 0                                                                                               | 13                                                          | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Natural disaster”             | 1                                                                                  | 2                                                                 | 0                                                                                               | 5                                                           | 1                                                                    | 0                                                                                                      | 2                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “neglect”                      | 7                                                                                  | x                                                                 | 3                                                                                               | 12                                                          | 2                                                                    | 1                                                                                                      | 4                                                              | 1                                                                                         |                                                                                                                                                                                   |
| “Peer support”                 | 1                                                                                  | 0                                                                 | 0                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Personal mobility”            | 4                                                                                  | 0                                                                 | 0                                                                                               | 2                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Personhood”                   | 6                                                                                  | 2                                                                 | 0                                                                                               | 12                                                          | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Political life”               | 4                                                                                  | 1                                                                 | 2                                                                                               | 3                                                           | 2                                                                    | 1                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Political parties”            | 0                                                                                  | 2                                                                 | 4                                                                                               | 7                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Political rights”             | 19                                                                                 | 71                                                                | 41                                                                                              | x                                                           | 12                                                                   | 23                                                                                                     | 1                                                              | 0                                                                                         |                                                                                                                                                                                   |

Table 16. Cont.

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|--------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| “Portrayal”                    | 1                                                                                  | 0                                                                 | 1                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Poverty”                      | 26                                                                                 | x                                                                 | 23                                                                                              | x                                                           | 9                                                                    | 2                                                                                                      | 12                                                             | 13                                                                                        |                                                                                                                                                                                   |
| “Prejudice”                    | 16                                                                                 | 6                                                                 | 3                                                                                               | 10                                                          | 3                                                                    | 2                                                                                                      | 1                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Public life”                  | 10                                                                                 | 7                                                                 | 9                                                                                               | 7                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 1                                                                                         |                                                                                                                                                                                   |
| “Reasonable accommodation”     | 51                                                                                 | 1                                                                 | 0                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Receptiveness (to rights)”    | 0                                                                                  | 0                                                                 | 0                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Research and development”     | 2                                                                                  | 4                                                                 | 0                                                                                               | 3                                                           | 0                                                                    | 0                                                                                                      | 6                                                              | 3                                                                                         |                                                                                                                                                                                   |
| “Respite care”                 | 0                                                                                  | 0                                                                 | 0                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Segregation”                  | 20                                                                                 | 1                                                                 | 2                                                                                               | 5                                                           | 0                                                                    | 4                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Self-respect”                 | 0                                                                                  | 4                                                                 | 0                                                                                               | 1                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Self-worth”                   | 1                                                                                  | 2                                                                 | 0                                                                                               | 1                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Sign language”                | 33                                                                                 | 3                                                                 | 0                                                                                               | 2                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Social development”           | 8                                                                                  | 33                                                                | 8                                                                                               | 15                                                          | 3                                                                    | 0                                                                                                      | 3                                                              | 2                                                                                         |                                                                                                                                                                                   |
| “Social environment”           | 11                                                                                 | 12                                                                | 0                                                                                               | 1                                                           | 3                                                                    | 0                                                                                                      | 0                                                              | 2                                                                                         |                                                                                                                                                                                   |

Table 16. Cont.

| Terms Reflecting Social Issues | Convention on the Rights of Persons with Disabilities (CRPD)<br>N = 1775 Abstracts | Convention on the Rights of the Child (CRC)<br>N = 3050 Abstracts | Convention on the Elimination of All Forms of Discrimination against Women<br>N = 493 Abstracts | Universal Declaration of Human Rights<br>N = 2487 Abstracts | Declaration on the Rights of Indigenous Peoples<br>N = 543 Abstracts | International Convention on the Elimination of All Forms of Racial Discrimination<br>N = 107 Abstracts | UN Framework Convention on Climate Change<br>N = 603 Abstracts | “Transforming Our World: The 2030 Agenda for Sustainable Development”<br>N = 79 Abstracts | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities (Not Enough Abstracts Therefore Not Done) |
|--------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| “Standard of living”           | 8                                                                                  | 24                                                                | 3                                                                                               | x                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 2                                                                                         |                                                                                                                                                                                   |
| “Talent”                       | 1                                                                                  | 1                                                                 | 0                                                                                               | 4                                                           | 0                                                                    | 0                                                                                                      | 1                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Technical assistance”         | 1                                                                                  | 1                                                                 | 0                                                                                               | 2                                                           | 0                                                                    | 0                                                                                                      | 3                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Training”                     | x                                                                                  | x                                                                 | 11                                                                                              | 38                                                          | 1                                                                    | 2                                                                                                      | 4                                                              | 4                                                                                         |                                                                                                                                                                                   |
| “Universal design”             | 32                                                                                 | 1                                                                 | 0                                                                                               | 0                                                           | 0                                                                    | 0                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Violence”                     | 35                                                                                 | x                                                                 | x                                                                                               | x                                                           | 5                                                                    | 6                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Voting”                       | 15                                                                                 | 4                                                                 | 2                                                                                               | 14                                                          | 6                                                                    | 4                                                                                                      | 0                                                              | 0                                                                                         |                                                                                                                                                                                   |
| “Water”                        | 9                                                                                  | 31                                                                | 3                                                                                               | x                                                           | 9                                                                    | 0                                                                                                      | x                                                              | 5                                                                                         |                                                                                                                                                                                   |
| “Welfare”                      | 65                                                                                 | x                                                                 | 16                                                                                              | x                                                           | 7                                                                    | 0                                                                                                      | 4                                                              | 4                                                                                         |                                                                                                                                                                                   |

**Table 17.** Presence of EDI phrases and frameworks and marginalized groups covered within EDI in the actual document such as the conventions.

| Terms                                                                                                                                                                                                                                                                                                                                                                                       | Convention on the Rights of Persons with Disabilities (CRPD) | Convention on the Rights of the Child (CRC) | Convention on the Elimination of All Forms of Discrimination against Women | Universal Declaration of Human Rights | Declaration on the Rights of Indigenous Peoples | International Convention on the Elimination of All Forms of Racial Discrimination | UN Framework Convention on Climate Change | “Transforming Our World: The 2030 Agenda for Sustainable Development” | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| EDI phrases and frameworks                                                                                                                                                                                                                                                                                                                                                                  |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| (“Athena SWAN” OR “See change with STEMM Equity Achievement” OR “Dimensions: equity, diversity and inclusion” OR “Science in Australia Gender Equity” OR “NSF ADVANCE” OR “equity, diversity and inclusion” OR “equality, diversity and inclusion” OR “diversity, equity and inclusion” OR “diversity, equality and inclusion”)                                                             |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “Belonging, Dignity, and Justice: OR “Diversity, Equity, Inclusion and Belonging” OR “diversity, Dignity, and Inclusion” OR “Equity, Diversity, Inclusion, and Accessibility” OR “Justice, Equity, Diversity, and Inclusion” OR “Inclusion, Diversity, Equity and Accessibility” OR “Inclusion, Diversity, Equity and Accountability” OR “Equity, Diversity, Inclusion, and Decolonization” |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |

Table 17. Cont.

| Terms                                        | Convention on the Rights of Persons with Disabilities (CRPD) | Convention on the Rights of the Child (CRC) | Convention on the Elimination of All Forms of Discrimination against Women | Universal Declaration of Human Rights | Declaration on the Rights of Indigenous Peoples | International Convention on the Elimination of All Forms of Racial Discrimination | UN Framework Convention on Climate Change | “Transforming Our World: The 2030 Agenda for Sustainable Development” | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities |
|----------------------------------------------|--------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Individual EDI terms                         |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| Accessibility                                | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| accountability                               |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   | x                                         | x                                                                     | x                                                                                                                                       |
| belonging                                    | x                                                            | x                                           |                                                                            |                                       |                                                 | x                                                                                 |                                           |                                                                       |                                                                                                                                         |
| Decolonization                               |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| dignity                                      | x                                                            | x                                           | x                                                                          | x                                     | x                                               | x                                                                                 |                                           | x                                                                     | x                                                                                                                                       |
| diversity                                    | x                                                            | x                                           |                                                                            |                                       | x                                               |                                                                                   |                                           | x                                                                     | x                                                                                                                                       |
| equality                                     | x                                                            | x                                           | x                                                                          | x                                     | x                                               | x                                                                                 |                                           | x                                                                     | x                                                                                                                                       |
| Equity                                       |                                                              |                                             | x                                                                          |                                       |                                                 |                                                                                   | x                                         |                                                                       | x                                                                                                                                       |
| inclusion                                    | x                                                            |                                             |                                                                            |                                       |                                                 |                                                                                   | x                                         | x                                                                     | x                                                                                                                                       |
| justice                                      | x                                                            | x                                           | x                                                                          | x                                     | x                                               | x                                                                                 | x                                         | x                                                                     | x                                                                                                                                       |
| EDI covered groups related terms             |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “gender”                                     | x                                                            | x                                           | x                                                                          | x                                     | x                                               | x                                                                                 |                                           | x                                                                     | x                                                                                                                                       |
| “women”                                      | x                                                            | x                                           | x                                                                          | x                                     | x                                               |                                                                                   |                                           | x                                                                     | x                                                                                                                                       |
| “ethnic groups”                              |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| “racialized minorities”                      |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “visible minorities”                         |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “Racialized”                                 |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| “Ethnic*”                                    | x                                                            | x                                           |                                                                            |                                       | x                                               | x                                                                                 |                                           |                                                                       | x                                                                                                                                       |
| “Disabled (a person, like girl or child or)” | x                                                            | x                                           |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       | x                                                                                                                                       |
| “with disabilities”                          | x                                                            |                                             |                                                                            |                                       | x                                               |                                                                                   |                                           | x                                                                     | x                                                                                                                                       |

Table 17. *Cont.*[illegible]

**Table 18.** Presence of EDI phrases and frameworks and marginalized groups covered within EDI in abstracts mentioning “the documents”.

| Terms                                                                                                                                                                                                                                                                                                                                                                             | Convention on the Rights of Persons with Disabilities (CRPD)<br>N = 1775<br>Abstracts | Convention on the Rights of the Child (CRC)<br>N = 3050<br>Abstracts | Convention on the Elimination of All Forms of Discrimination against Women<br>N = 493<br>Abstracts | Universal Declaration of Human Rights<br>N = 2487<br>Abstracts | Declaration on the Rights of Indigenous Peoples<br>N = 543<br>Abstracts | International Convention on the Elimination of All Forms of Racial Discrimination<br>N = 107<br>Abstracts | UN Framework Convention on Climate Change<br>N = 603<br>Abstracts | “Transforming Our World: The 2030 Agenda for Sustainable Development”<br>N = 79<br>Abstracts | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities (Not Enough Abstracts Therefore Not Done) |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EDI phrases and frameworks                                                                                                                                                                                                                                                                                                                                                        |                                                                                       |                                                                      |                                                                                                    |                                                                |                                                                         |                                                                                                           |                                                                   |                                                                                              |                                                                                                                                                                                   |
| (“Athena SWAN” OR<br>“See change with<br>STEMM Equity<br>Achievement” OR<br>“Dimensions: equity,<br>diversity and<br>inclusion” OR<br>“Science in Australia<br>Gender Equity” OR<br>“NSF ADVANCE” OR<br>“equity, diversity and<br>inclusion” OR<br>“equality, diversity<br>and inclusion” OR<br>“diversity, equity and<br>inclusion” OR<br>diversity, equality<br>and inclusion”) | 1                                                                                     | 0                                                                    | 0                                                                                                  | 0                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |

Table 18. *Cont.*[illegible]



Table 18. Cont.

| Terms                                                                 | Convention on the Rights of Persons with Disabilities (CRPD)<br>N = 1775<br>Abstracts | Convention on the Rights of the Child (CRC)<br>N = 3050<br>Abstracts | Convention on the Elimination of All Forms of Discrimination against Women<br>N = 493<br>Abstracts | Universal Declaration of Human Rights<br>N = 2487<br>Abstracts | Declaration on the Rights of Indigenous Peoples<br>N = 543<br>Abstracts | International Convention on the Elimination of All Forms of Racial Discrimination<br>N = 107<br>Abstracts | UN Framework Convention on Climate Change<br>N = 603<br>Abstracts | “Transforming Our World: The 2030 Agenda for Sustainable Development”<br>N = 79<br>Abstracts | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities (Not Enough Abstracts Therefore Not Done) |
|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| “visible minorities”                                                  | 0                                                                                     | 0                                                                    | 0                                                                                                  | 0                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “Racialized”                                                          | 0                                                                                     | 0                                                                    | 1                                                                                                  | 0                                                              | 1                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “Ethnic*”                                                             | 10                                                                                    | 27                                                                   | 7                                                                                                  | 27                                                             | 13                                                                      | 14                                                                                                        | 0                                                                 | 2                                                                                            |                                                                                                                                                                                   |
| “Disabled (a person, like girl or child or)”                          | x                                                                                     | 26                                                                   | 2                                                                                                  | 8                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “with disabilities”                                                   | x                                                                                     | x                                                                    | 5                                                                                                  | 22                                                             | 2                                                                       | 2                                                                                                         | 0                                                                 | 1                                                                                            |                                                                                                                                                                                   |
| “Impair*” related to disabled people                                  | x                                                                                     | 10                                                                   | 0                                                                                                  | 0                                                              | 1                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “Deaf”                                                                | 1                                                                                     | 4                                                                    | 0                                                                                                  | 3                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “Adhd” OR “autism” OR ASD                                             | 29                                                                                    | 6                                                                    | 0                                                                                                  | 4                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “neurodiverse” OR “neurodiversity”                                    | 2                                                                                     | 0                                                                    | 0                                                                                                  | 0                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “Indigenous” OR “first nations” OR “Metis” OR “Inuit” OR “Aboriginal” | 4                                                                                     | x                                                                    | 3                                                                                                  | 42                                                             | x                                                                       | 3                                                                                                         | 6                                                                 | 0                                                                                            |                                                                                                                                                                                   |

| Terms                                          | Convention on the Rights of Persons with Disabilities (CRPD)<br>N = 1775<br>Abstracts | Convention on the Rights of the Child (CRC)<br>N = 3050<br>Abstracts | Convention on the Elimination of All Forms of Discrimination against Women<br>N = 493<br>Abstracts | Universal Declaration of Human Rights<br>N = 2487<br>Abstracts | Declaration on the Rights of Indigenous Peoples<br>N = 543<br>Abstracts | International Convention on the Elimination of All Forms of Racial Discrimination<br>N = 107<br>Abstracts | UN Framework Convention on Climate Change<br>N = 603<br>Abstracts | “Transforming Our World: The 2030 Agenda for Sustainable Development”<br>N = 79<br>Abstracts | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities (Not Enough Abstracts Therefore Not Done) |
|------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| “LGB*” or gay or lesbian or sexual orientation | 1                                                                                     | 19                                                                   | 12                                                                                                 | 20                                                             | 0 (two spirit* also 0)                                                  | 1                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| “Transgender”                                  | 0                                                                                     | 3                                                                    | 2                                                                                                  | 11                                                             | 0                                                                       | 0                                                                                                         | 0                                                                 | 1                                                                                            |                                                                                                                                                                                   |
| “Patients”                                     | 35                                                                                    | 23                                                                   | 0                                                                                                  | 31                                                             | 0                                                                       | 0                                                                                                         | 0                                                                 | 1                                                                                            |                                                                                                                                                                                   |

| Terms                                                          | <b>Convention<br/>on the Rights<br/>of Persons<br/>with<br/>Disabilities<br/>(CRPD)</b> | <b>Convention<br/>on the Rights<br/>of the Child<br/>(CRC)</b> | <b>Convention on<br/>the Elimination<br/>of All Forms of<br/>Discrimination<br/>against Women</b> | <b>Universal<br/>Declaration<br/>of Human<br/>Rights</b> | <b>Declaration<br/>on the Rights<br/>of Indigenous<br/>Peoples</b> | <b>International<br/>Convention on<br/>the Elimination<br/>of All Forms of<br/>Racial<br/>Discrimination</b> | <b>UN<br/>Framework<br/>Convention<br/>on Climate<br/>Change</b> | <b>"Transforming<br/>Our World: The<br/>2030 Agenda<br/>for Sustainable<br/>Development"</b> | <b>UN Flagship Report on<br/>Disability and<br/>Development Realizing<br/>the Sustainable<br/>Development Goals by,<br/>for and with Persons<br/>with Disabilities</b> |
|----------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Some examples for existing and emerging technologies discussed |                                                                                         |                                                                |                                                                                                   |                                                          |                                                                    |                                                                                                              |                                                                  |                                                                                              |                                                                                                                                                                        |
| “Artificial intelligence” or “machine learning”                |                                                                                         |                                                                |                                                                                                   |                                                          |                                                                    |                                                                                                              |                                                                  |                                                                                              |                                                                                                                                                                        |

[illegible]

Table 19. Cont.

| Terms                             | Convention on the Rights of Persons with Disabilities (CRPD) | Convention on the Rights of the Child (CRC) | Convention on the Elimination of All Forms of Discrimination against Women | Universal Declaration of Human Rights | Declaration on the Rights of Indigenous Peoples | International Convention on the Elimination of All Forms of Racial Discrimination | UN Framework Convention on Climate Change | "Transforming Our World: The 2030 Agenda for Sustainable Development" | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities |
|-----------------------------------|--------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| "Reproductive technolog**"        |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| "robotics" or "robot" OR "robots" |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |
| "Technolog**"                     | x                                                            |                                             | x                                                                          | x                                     |                                                 | x                                                                                 | x                                         | x                                                                     | x                                                                                                                                       |
| "virtual reality"                 |                                                              |                                             |                                                                            |                                       |                                                 |                                                                                   |                                           |                                                                       |                                                                                                                                         |

Table 20. hitcounts for some established and emerging technologies we selected that are discussed as having an impact on the 'social' of abstracts mentioning technologies.

| Terms                                                          | Convention on the Rights of Persons with Disabilities (CRPD)<br>N = 1775<br>Abstracts | Convention on the Rights of the Child (CRC)<br>N = 3050<br>Abstracts | Convention on the Elimination of All Forms of Discrimination against Women<br>N = 493<br>Abstracts | Universal Declaration of Human Rights<br>N = 2487<br>Abstracts | Declaration on the Rights of Indigenous Peoples<br>N = 543<br>Abstracts | International Convention on the Elimination of All Forms of Racial Discrimination<br>N = 107<br>Abstracts | UN Framework Convention on Climate Change<br>N = 603<br>Abstracts | "Transforming Our World: The 2030 Agenda for Sustainable Development"<br>N = 79<br>Abstracts | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities (Not Enough Abstracts Therefore Not Done) |
|----------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Some examples for existing and emerging technologies discussed |                                                                                       |                                                                      |                                                                                                    |                                                                |                                                                         |                                                                                                           |                                                                   |                                                                                              |                                                                                                                                                                                   |
| "Artificial intelligence" or "machine learning"                | 16                                                                                    | 1                                                                    | 1                                                                                                  | 4                                                              | 0                                                                       | 0                                                                                                         | 3                                                                 | 2                                                                                            |                                                                                                                                                                                   |

Table 20. Cont.

| Terms                      | Convention on the Rights of Persons with Disabilities (CRPD)<br>N = 1775<br>Abstracts | Convention on the Rights of the Child (CRC)<br>N = 3050<br>Abstracts | Convention on the Elimination of All Forms of Discrimination against Women<br>N = 493<br>Abstracts | Universal Declaration of Human Rights<br>N = 2487<br>Abstracts | Declaration on the Rights of Indigenous Peoples<br>N = 543<br>Abstracts | International Convention on the Elimination of All Forms of Racial Discrimination<br>N = 107<br>Abstracts | UN Framework Convention on Climate Change<br>N = 603<br>Abstracts | “Transforming Our World: The 2030 Agenda for Sustainable Development”<br>N = 79<br>Abstracts | UN Flagship Report on Disability and Development<br>Realizing the Sustainable Development Goals by, for and with Persons with Disabilities (Not Enough Abstracts Therefore Not Done) |
|----------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| “Assistive technolog*”     | 45                                                                                    | 1                                                                    | 0                                                                                                  | 1                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                      |
| “Brain computer interface” | 2                                                                                     | 0                                                                    | 0                                                                                                  | 0                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                      |
| “Cochlear implant*”        | 6                                                                                     | 1                                                                    | 0                                                                                                  | 0                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                      |
| “Communication technolog*” | 18                                                                                    | 1                                                                    | 1                                                                                                  | 4                                                              | 1                                                                       | 0                                                                                                         | 0                                                                 | 1                                                                                            |                                                                                                                                                                                      |
| “Deep brain stimulation”   | 1                                                                                     | 0                                                                    | 0                                                                                                  | 0                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                      |
| “EEG”                      | 2                                                                                     | 0                                                                    | 0                                                                                                  | 0                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                      |
| “Engineering”              | 3                                                                                     | 3                                                                    | 0                                                                                                  | 3                                                              | 3 (geoengineering)                                                      | 0                                                                                                         | 5                                                                 | 0                                                                                            |                                                                                                                                                                                      |
| “Genetic science”          | 3                                                                                     | 0                                                                    | 0                                                                                                  | 0                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                      |
| “Genetic technolog*”       | 2                                                                                     | 0                                                                    | 0                                                                                                  | 0                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                      |
| “Information technolog*”   | 10                                                                                    | 0                                                                    | 0                                                                                                  | 6                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 1                                                                                            |                                                                                                                                                                                      |

[illegible]





**Table 21.** Hitcounts of abstracts mentioning health professionals.

| Terms                                               | Convention on the Rights of Persons with Disabilities (CRPD)<br>N = 1775<br>Abstracts | Convention On the Rights Of the Child (CRC)<br>N = 3050<br>Abstracts | Convention on the Elimination of All Forms of Discrimination against Women<br>N = 493<br>Abstracts | Universal Declaration of Human Rights<br>N = 2487<br>Abstracts | Declaration on the Rights of Indigenous Peoples<br>N = 543<br>Abstracts | International Convention on the Elimination of All Forms of Racial Discrimination<br>N = 107<br>Abstracts | UN Framework Convention on Climate Change<br>N = 603<br>Abstracts | “Transforming Our World: The 2030 Agenda for Sustainable Development”<br>N = 79<br>Abstracts | UN Flagship Report on Disability and Development Realizing the Sustainable Development Goals by, for and with Persons with Disabilities (Not Enough Abstracts Therefore Not Done) |
|-----------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Social Work*                                        | 23                                                                                    | 128                                                                  | 10                                                                                                 | 29                                                             | 2                                                                       | 5                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| Occupational therap*                                | 14                                                                                    | 3                                                                    | 0                                                                                                  | 2                                                              | 1                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| Nursing/nurses                                      | 16                                                                                    | 37                                                                   | 2                                                                                                  | 36                                                             | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| Speech language pathology*/speech therap*/audiolog* | 4                                                                                     | 2                                                                    | 0                                                                                                  | 29                                                             | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| Physical therap*/physiotherapy*                     | 7                                                                                     | 2                                                                    | 0                                                                                                  | 0                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 1                                                                                            |                                                                                                                                                                                   |
| Therapist*                                          | 13                                                                                    | 8                                                                    | 0                                                                                                  | 0                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| Professional*                                       | x                                                                                     | x                                                                    | 7                                                                                                  | 135                                                            | 8                                                                       | 6                                                                                                         | 2                                                                 | 8                                                                                            |                                                                                                                                                                                   |
| Practitioner                                        | 4                                                                                     | 18                                                                   | 3                                                                                                  | 2                                                              | 2                                                                       | 1                                                                                                         | 5                                                                 | 4                                                                                            |                                                                                                                                                                                   |
| Rehabilitation                                      | X                                                                                     | 43                                                                   | 1                                                                                                  | 6                                                              | 2                                                                       | 0                                                                                                         | 2                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| Health profession*                                  | 15                                                                                    | 21                                                                   | 0                                                                                                  | 11                                                             | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| health-care profes-sion*/healthcare profession*     | 4                                                                                     | 10                                                                   | 0                                                                                                  | 2                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| medical profession*                                 | 1                                                                                     | 3                                                                    | 1                                                                                                  | 5                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |
| Allied health profession*                           | 0                                                                                     | 1                                                                    | 0                                                                                                  | 0                                                              | 0                                                                       | 0                                                                                                         | 0                                                                 | 0                                                                                            |                                                                                                                                                                                   |

### 3.1. Research Question 1: The Issue of the ‘Social’

#### 3.1.1. Results for the Actual Documents

We use x to indicate the presence of a given term in each document. We do not provide actual hitcounts for the presence of a given search term in a document. No x means the given term was not present.

Table 3 shows which terms linked to the ‘social’ in existing literature [10,11,103–141,173] are used within the nine documents. Only justice was mentioned in all nine documents. Many were rarely to not at all mentioned. Table 3 also indicates that the “UN flagship report on disability and development Realizing the Sustainable Development Goals by, for and with persons with disabilities” contained the most terms from the table followed by the “Convention on the Rights of Persons with Disabilities”, Declaration on the Rights of Indigenous Peoples, transforming our world: the 2030 agenda for sustainable development, “Universal Declaration of Human Rights”, “Convention on the Rights of the Child”, “Convention on the Elimination of All Forms of Discrimination against Women”, International Convention on the Elimination of All Forms of Racial Discrimination” and UN framework Convention on climate Change. Table 3 also shows that any given document mostly did not refer to another of the document. Finally, we also searched for “environmental activism” and “environmental issues” as terms as they are very much part of the ‘social’ and we found no hits.

Table 4 shows the use of the actual terms depicting 21 well-being measures across “the documents”.

Only the “UN flagship report on disability and development Realizing the Sustainable Development Goals by, for and with persons with disabilities” mentioned Community based rehabilitation and determinants of health (Table 4). All other terms were not present in any of “the documents” (Table 4).

Table 5 covers the presence of Community Based Rehabilitation Matrix indicators in the actual documents. Only three terms were present in all documents (health, education, social). Some were specific to documents linked to disabled people (assistive technology, personal assistance). Some were only present in the “UN flagship report on disability and development Realizing the Sustainable Development Goals by, for and with persons with disabilities” (disabled people’s organizations).

Table 6 covers indicators found within the Canadian Index of wellbeing and assessed their use within “the documents”. As to the primary indicator terms education is present in all documents whereby “social norm” is only present in the “UN flagship report on disability and development Realizing the Sustainable Development Goals by, for and with persons with disabilities”. Some like “democratic engagement” were not present at all. As to the secondary indicators not one was present in all documents.

Table 7 shows the presence of terms found in the Better Life Index within “the documents”. When performing a search with indicators set out by the better life index, hits were found across all documents for education, community, and health. Housing was covered in all documents, but the UN Framework Convention on Climate Change. Jobs, income, and physical environments revealed only a handful of hits, however all are present in the “UN flagship report on disability and development Realizing the Sustainable Development Goals by, for and with persons with disabilities”. Regarding Civic Engagement and Life Satisfaction, our searches revealed no hits.

Table 8 shows the presence of social determinants of health (SDH) within “the documents”. Based on SDH indicators education gained results for all documents. Notably Table 8 shows, employment and housing to garner hits for all documents other than the UN Framework Convention on Climate Change. Some were only present in the “UN flagship report on disability and development Realizing the Sustainable Development Goals by, for and with persons with disabilities” namely food insecurity, social exclusion, immigration, globalization, coping and, socioeconomic status. Some were not present at all namely early childhood development, social safety network, walkability, social engagement, and social status.

### 3.1.2. Results for the Abstracts Downloaded

Table 9 shows how the abstracts mentioning “the documents” use terms linked to the ‘social’ found in the academic literature [10,11,103–141,173]. The terms “solidarity” and “justice” were found within abstracts covering all 8 documents (as indicated we did not find abstracts mentioning the “UN flagship report on disability and development Realizing the Sustainable Development Goals by, for and with persons with disabilities” and as such the maximum number of documents is eight not nine in all sections that reflect on the abstracts). Low hits were found for indicators such as, data protection, respecting, and psychological wellbeing. No hits were obtained for technology deskilling, environmental wellbeing, social wellbeing, and social good.

When looking at whether other actual documents were mentioned within the abstracts focusing on another of “the documents” we found no, to few, hits. The UN flagship report on disability and devolvment pulled no hits within the abstracts focusing on any of the other documents. Finally, we also searched for “environmental activism” and “environmental issues” as terms they are very much part of the ‘social’ and we found little to no hits.

Table 10 shows that of the twenty-one phrases depicting well-being measures only the phrases “Capability approach”, “Social determinants of health”, “Determinants of health” and “Community based rehabilitation” were mentioned in abstracts of some of the eight documents.

Table 11 shows the presence of the Community based rehabilitation matrix indicators in the abstracts mentioning “the documents”. Our searches revealed hits abstracts covering all “the documents” for the primary indicators health, education, and social. Livelihood was not mentioned in the abstracts covering the International Convention on the Elimination of All Forms of Racial Discrimination and transforming our world: the 2030 agenda for sustainable development. Empowerment generated hits for all but abstract’s concerning the International Convention on the Elimination of All Forms of Racial Discrimination. Table 11 shows that some indicators such as healthcare, assistive technology, and rehabilitation are mostly mentioned in the abstracts concerned with the Convention on the Rights of Persons with Disabilities with abstracts covering themselves with the other documents mentioned the terms much less to not at all. Across all documents the secondary indicator pertaining to health prevention gained the least amount of hits. Under education: Childhood education gained many hits for the Convention on the Rights of the Child. No hits were found for lifelong learning. Secondary indicators under livelihood revealed minimal hits. Several hits were found for the primary indicator “social”, however the secondary indicators generated much less to no hits.

Table 12 shows the presence of the Canadian Index of Wellbeing indicators in abstracts mentioning “the documents”. Primary indicators such as environment and education were mentioned extensively. Our searches on democratic engagement, living standard, and time yielded no hits. Secondary indicators under participation and communication revealed a large hit count for abstracts concerning the Convention on the Rights of Persons with Disabilities, Convention on the Rights of the Child and International Convention on the Elimination of All Forms of Racial Discrimination. Limited results were found for social norms, social relations environments, and healthy population. It is important to mention that the term mental health was mentioned with abstracts concerning the Convention on the Rights of Persons with Disabilities as well as the Convention on the Rights of the Child.

Table 13 shows the presence of the Better Life Index indicators in abstracts mentioning “the documents”. Our search generated hits for abstracts concerning all documents for the following terms, health, education, environments, and community. Limited data was found for life satisfaction and work life balance as both terms are only covered by abstracts mentioning the Convention on the Rights of the Child.

Table 14 shows the presence of the Social determinants of health (SDH) indicators in abstracts mentioning “the documents”. Many hits for discrimination were found in abstracts covering the Convention on the Rights of the Child, Convention on the Elimination

of All Forms of Discrimination against Women, Universal Declaration of Human Rights and International Convention on the Elimination of All Forms of Racial Discrimination. Similarly for health services our search pointed to large amount of hits in abstracts mentioning the Convention on the Rights of Persons with Disabilities as well as the Convention on the Rights of the Child. Limited results were found for social engagement, physical environments, vocational training, women with disabilities and early childhood development. No hits were found for, walkability, social safety network, and job security.

### 3.2. Research Question 2 Keywords of Social Issues Identified from the Convention on the Rights of Persons with Disabilities (CRPD) Document (Appendix A)

#### Results for the Actual Documents

Table 15 show the presence of keywords linked to social issues identified from the Convention on the Rights of Persons with Disabilities document in the other seven documents and not already listed in the prior tables. Most of the indicators were present within “UN flagship report on disability and development Realizing the Sustainable Development Goals by, for and with persons with disabilities” and heavily mirror the social concerns evident in the Convention on the Rights of Persons with Disabilities. Indicators such as, human rights, fundamental rights, training, voting, harmful, prejudice, and knowledge gained hits across the majority of “the documents”. Our searches revealed no hits for, lack of knowledge, international collaboration, portrayal, media portrayal, personhood, and academic development.

Table 16 shows that the term “Human Rights” gained a substantial amount of hits across abstracts mentioning all seven documents. Other terms such as adoption, political rights, and art garnered a number of hits with abstracts covering some of “the documents”. Indicators such as receptiveness, media portrayal, augmentative communication, and academic development gained no hits in our searches.

### 3.3. Research Question 3: EDI

#### 3.3.1. Results for the Actual Documents

Table 17 shows the presence of EDI terms phrases and frameworks and marginalized groups covered in the EDI discussions in the nine documents. None of the EDI phrases and frameworks were present in any of “the documents”. As to individual EDI terms justice was present in each document. Equality and dignity were present in all documents other than the UN Framework Convention on Climate Change. Accessibility was only present in the disability related documents and belonging only in the Convention on the Rights of Persons with Disabilities and Convention on the Rights of the Child. Decolonization was not present in any. Other individual EDI terms were present in some documents.

As to marginalized groups covered in the EDI discussions gender or women were present in all documents other than the UN Framework Convention on Climate Change. For, LGB\*, Transgender, racialized minorities, visible minorities, and neurodiverse\*, we obtained no hits.

#### 3.3.2. Results for the Abstracts Downloaded

Table 18 shows the presence of EDI terms phrases and frameworks and marginalized groups covered in the EDI discussions within abstracts engaging with “the documents”. EDI phrases and frameworks generated no hits except for one hit for “Athena Swan” in conjunction with the Convention on the Rights of Persons with Disabilities. Individual EDI terms such as equity, equality, inclusion, accountability, and justice gained hits across all documents. As to EDI groups the Convention on the Rights of Persons with Disabilities was the only one with hits for neurodiverse\*. Other EDI groups were mentioned in abstracts covering a variety of the document. Women were mentioned in every document.

### 3.4. Research Question 4: Technologies

#### 3.4.1. Results for the Actual Documents

Table 19 shows the presence of technologies within “the documents”. Across all documents our results indicate that there is limited mention of technologies. However, it can be noted that technolog\* as a broad term has garnered hits with all documents but “Convention on the Rights of the Child (CRC)” and “Declaration on the Rights of Indigenous Peoples”. Results for “assistive technolog\*” only generated hits for documents focusing on disabled people (“UN flagship report on disability and development Realizing the Sustainable Development Goals by, for and with persons with disabilities” and “Convention on the Rights of Persons with Disabilities”). We did not look for ethics terms and science and technology governance terms in the actual documents.

#### 3.4.2. Results for the Abstracts Downloaded

Table 20 shows the presence of technologies, science and technology governance and ethics terms within the abstracts mentioning “the documents”. Based on the search preformed substantial hits were found for “technolog\*” for the following documents, Convention on the Rights of Persons with Disabilities, Convention on the Rights of the Child, Human Rights, UN framework Convention on Climate Change and Transforming our world: 2030 agenda for sustainable development. Artificial intelligence/machine learning was mentioned (Convention on the Rights of Persons with Disabilities 16, Convention on the Rights of the Child 1, Convention on the Elimination of All Forms of Discrimination against Women 1, Universal Declaration of Human Rights 4, UN Framework Convention on Climate change 3, transforming our world 2030 agenda for sustainable development 2), and communication tech (Convention on the Rights of Persons with Disabilities 8, Convention on the Rights of the Child 1, Convention on the Elimination of All Forms of Discrimination against Women 1, Universal Declaration of Human Rights 4, Declaration on the Rights of Indigenous Peoples 1, transforming our world 2030 agenda for sustainable development 1).

As to ethics fields nanoethics was mentioned only in relation to the Universal Declaration of Human Rights (1 hit), for neuroethics we obtained two hits for the Convention on the Rights of Persons with Disabilities. None of the science and technology governance terms generated any hits.

### 3.5. Research Question: Health Professionals

#### 3.5.1. Results for the Actual Documents

We did not perform searches for the presence of health professionals in the actual documents.

#### 3.5.2. Results for the Abstracts Downloaded

Table 21 shows the presence of health professionals within the abstracts mentioning “the documents”. Our search for healthcare professionals revealed the most hits for “social work”, all documents other than the “UN Framework Convention on Climate Change” and “Transforming Our World: The 2030 Agenda for Sustainable Development” documents generated hits. Most prominently the Convention on the Rights of the Child, with 128 hits. Following social work, nursing covered the second most documents, with the “Universal Declaration of Human Rights” gaining 36 hits. Occupation therapy covered four out of the 8 documents with the Convention on the Rights of Persons with Disabilities gaining 14 hits. Speech language Pathology gained hits with 3 documents with “Universal Declaration of Human Rights” gaining twenty-nine hits. Under therapist two documents were covered with the Convention on the Rights of Persons with Disabilities gaining 13 hits. Finally, Physical therapist gained the least amount of hits with just the Convention on the Rights of Persons with Disabilities getting 1 hit. In general, the most hits were linked to the “Convention on the Rights of Persons with Disabilities”.

#### 4. Discussion

The results reveal vast gaps and opportunities to engage with the ‘social’ in relation to “the documents” covered for all five questions. We discuss our findings in the remainder of the section in order of the lenses evident in the research questions (the ‘social’, EDI, science and technology governance and ethics and health professionals).

##### 4.1. The ‘Social’ (Research Question 1 and 2)

Many indicators of the social exist [10,11,103–141,173] and measures such as various wellbeing measures one could categorize to cover aspects of the ‘social’ and contain sets of indicators of the ‘social’ [10,11]. Many of these terms show up in “the documents” although there are differences between “the documents”. Although it was not expected that all the terms from Tables 3–8 were to show up in “the documents” given the nature of “the documents”, it is interesting which terms did show up and which did not. Quite a few were specific to documents of a given focus such as the ones dealing with disabled people (“Convention on the Rights of Persons with Disabilities” and “UN flagship report on disability and development Realizing the Sustainable Development Goals by, for and with persons with disabilities”). Some were only in the “Convention on the Rights of Persons with Disabilities” such as “interdependence” and “interdependent”. The “UN flagship report on disability and development Realizing the Sustainable Development Goals by, for and with persons with disabilities” was the one covering the highest amounts of the terms. Indeed, it is interesting how many it covered. It is noteworthy that the terms naming the well-being measures were not present in any of “the documents”. Although this is understandable for the convention and declarations, the “UN flagship report on disability and development Realizing the Sustainable Development Goals by, for and with persons with disabilities” and the “transforming our world: the 2030 agenda for sustainable development” report could have made the linkage. In general, we think that our results show how useful the terms are to audit how the ‘social’ is engaged with in “the documents”. We also investigated how much a given document mentions the other documents. To just recap two here; the “UN flagship report on disability and development Realizing the Sustainable Development Goals by, for and with persons with disabilities” did not mention the “Declaration on the Rights of Indigenous Peoples” and the “International Convention on the Elimination of All Forms of Racial Discrimination” which is problematic given that indigenous disabled people face very specific social realities as do disabled people belonging to a marginalized ethnic group. It is also interesting that the “UN flagship report on disability and development Realizing the Sustainable Development Goals by, for and with persons with disabilities” did not mention the UN Framework Convention on Climate Change which we suggest could have been used to strengthen the case of the “UN flagship report on disability and development Realizing the Sustainable Development Goals by, for and with persons with disabilities”. The “transforming our world: the 2030 agenda for sustainable development” report only mentioned the “Universal Declaration of Human Rights” and the “Convention on the Rights of the Child” which we suggest is problematic given that marginalized groups are experiencing a more problematic social reality around environmental issues such as emergencies and disasters [174].

As to the abstracts covering “the documents” the results also showed many gaps as to what aspects of the ‘social’ are engaged with within abstracts covering “the documents”. Given that these are academic inquiries engaging with “the documents” the gaps we found are highly problematic as they suggest a disconnect of concepts being investigated in conjunction with a given document. For example, health equity is described in [11], citing others, as “Health equity means that everyone has a fair and just opportunity to be as healthy as possible. This requires removing obstacles to health such as poverty, discrimination, and their consequences, including powerlessness and lack of access to good jobs with fair pay, quality education and housing, safe environments, and health care” [175] (p. 2) and “The state in which everyone has the opportunity to attain full health potential and no one is disadvantaged from achieving this potential because of social position or

any other socially defined circumstance" [176] (p. xiv) and "equity in health is the absence of systematic disparities in health (or in the major social determinants of health) between groups with different levels of underlying social advantage/disadvantage—that is, wealth, power, or prestige" [177] (p. 254). Given that "the documents" are about the 'social' as is "health equity" all the abstracts engaging with "the documents" could have employed the concept of health equity and linking "the documents" to health equity could strengthen the discussions around the 'social' aspect of health equity. The same reasons stand with terms such as "social good" and "good life", concepts used in various policy discussions which are about the 'social'. These terms could be strengthened by employing "the documents" that clearly show what should be part of the "social good" and "good life".

It is also troubling that the terms depicting wellbeing measures showed up little to not at all in the abstracts covering "the documents" as it indicates a disconnect between the academic and policy discussions employing wellbeing measures and the ones engaging with "the documents". It is also problematic how many of the indicators used by the four well-being measures we selected were employed not at all or little in the abstracts that focus on "the documents"; for example, interdependence and social norms could have been employed much more. Given that the abstracts use the term "social" to a great extent, one wonders what aspects of social really are the focus, or if it is just used as a generic term. Social norms are one factor in whether and if yes, to what extent, and how "the documents" are acted upon, and interdependency could be extremely useful to deal with silos and lack of intersectionality. We also found little to no use of the terms "environmental issues" and "environmental activism" just two terms that could bring together the documents from our list that covers the topic of the environment together with "the documents" covering groups as the groups focused on in our documents are impacted by the issue of the environment. As such this seems to be a missed opportunity given that environmental issues impact in particular marginalized groups [173,174]. We also investigated how much the abstracts focusing on a given document mentions the other documents. We found little hits which we see as another gap and big opportunity given that people often belong to more than one of the groups covered in "the documents" and that the belonging to more than one group often is a cause of conflict.

As to our research question 2 covering keywords of social issues identified from the "Convention on the Rights of Persons with Disabilities" document (Appendix A) it is revealing how many of the terms originating from the "Convention on the Rights of Persons with Disabilities" are mentioned in the "UN Flagship Report on Disability and Development: Realizing the Sustainable Development Goals by, for and with Persons with Disabilities". Our finding suggests that identifying terms depicting the 'social' could be useful to audit other policy documents for example, the "UN Framework Convention on Climate Change" could be used to see how many of the social issues it raised show up in the Transforming our World: the 2030 Agenda for Sustainable Development" report. It is also interesting which terms linked to highlight social issues present in the "Convention on the Rights of Persons with Disabilities" are employed in the other documents and which are not suggesting whether the different documents identify different or similar social issues. One can make a case that many terms from the "Convention on the Rights of Persons with Disabilities" might be specific to disabled people such as "reasonable accommodation" but if one looks at the term "reasonable accommodation" through an EDI lens (next section) everyone has accommodation needs whether its cultural accommodation or other forms of accommodation.

Very few of the term depicting social issues in the "Convention on the Rights of Persons with Disabilities" were present in the abstracts covering the other documents although many of the terms could be also applied to the discussions of the other documents.

#### 4.2. EDI (Research Question 3)

Individual EDI terms are engaged with in the academic literature (not limited to abstracts) in conjunction with “the documents” we investigated for example (“Convention on the Rights of Persons with Disabilities” equity [29–32], equality [33–37], inclusion [38,39] and diversity [40], “Convention on the Rights of the Child”, equity [41,42] equality [43] inclusion [44] diversity [45], “Convention on the Elimination of All Forms of Discrimination against Women”, equity [46] equality [47] diversity [48] inclusion [49], “Declaration on the Rights of Indigenous Peoples”, equity [50] equality [51] inclusion [52] diversity [53,54], “Universal Declaration of Human Rights”, equity [55] equality [56] diversity [57] inclusion [58], “UN Framework Convention on Climate Change”, equity [59] equality [60] inclusion [61] diversity [62], “transforming our world: the 2030 agenda for sustainable development”, equity [63] equality [64] inclusion [65] diversity [66], “International Convention on the Elimination of All Forms of Racial Discrimination” equity [67,68] equality [69,70] diversity [71] and the “flagship report on disability and development” equality [178–180], inclusion [178–180], equity [179,181] and diversity [180,182].

Our study found that many of the individual terms making up the phrases were present in some of “the documents”. However, only the term “justice” was present in all “the documents”. As to be expected the EDI frameworks and phrases were not present in any of “the documents”. As to EDI groups, however, we found also little to no intersection in “the documents” which we suggest is a problem.

As to the abstracts covering “the documents” none included the phrases “equality, diversity, and inclusion”, “equity, diversity and inclusion (EDI), other EDI phrases and EDI frameworks [10,12]. This is a missed opportunity of strengthening the EDI discourse by employing “the documents” to interrogate the EDI discussions using the content of “the documents”. Individual EDI terms were present in abstracts covering many of “the documents” with equity, equality, inclusion, accountability and justice being used in abstracts covering all documents albeit in different amounts. However, the EDI phrases and frameworks were developed because the individual EDI terms are not enough to make the ‘social’ of EDI covered groups better. An intersectionality approach to EDI groups such as women, Indigenous peoples, visible/racialized minorities, disabled people, and LGBTQ2S+ [12] also was rarely to not at all present in the abstracts mentioning “the documents” (depending on the EDI groups).

Our findings are problematic; to use again wording from the “Convention on the Rights of Persons with Disabilities”: “Protect the rights of persons with disabilities, on an equal basis with others, to just and favorable conditions of work, including equal opportunities and equal remuneration for work of equal value, safe and healthy working conditions, including protection from harassment, and the redress of grievances” and “Prohibit discrimination on the basis of disability with regard to all matters concerning all forms of employment, including conditions of recruitment, hiring and employment, continuance of employment, career advancement and safe and healthy working conditions”. The two quotes from the “Convention on the Rights of Persons with Disabilities” make it clear that EDI discourses could and should use the “Convention on the Rights of Persons with Disabilities” and vice versa. It is well known that EDI efforts fail disabled people for example in universities [12,183–197]. For example, according to a Statistics Canada survey from 2019 35% of disabled University professors, instructors, teachers, or researchers “experienced unfair treatment or discrimination in the past 12 months” and 47% saw themselves “subjected to at least one type of harassment in the past 12 months” [198]. With that, the numbers for disabled University professors, instructors, teachers, or researchers are the highest of all groups recorded [198]. The respective numbers for, for example “no self reported disability” were 15.4% and 26.0%; “female gender”, 23.0% and 34.0%; “visible minorities”, 23.0% and 28.0%; and “indigenous identity”, 30.0% and 37.0% [198] quoted in [12]. Indeed, all six documents covering social groups can be used to strengthen the EDI discussions and vice versa. Furthermore, EDI demands also certain actions that impact the content of the three documents covering environmental issues and vice versa.

#### 4.3. Governance of Sciences and Technologies (Research Question 4)

We selected terms depicting some established and some emerging technologies we identified from academic literature as to be seen to have an impact on the ‘social’. We found few to no hits in “the documents” and the abstracts covering “the documents”. For “the documents” the generic term *technolog\** led to some hits. Although it might make sense for the declarations and conventions not to go into specific technologies, the “transforming our world: the 2030 agenda for sustainable development” report and the “UN flagship report on disability and development Realizing the Sustainable Development Goals by, for and with persons with disabilities” could have engaged with various specific technologies beyond “assistive technolog\*” covered in the “UN flagship report on disability and development Realizing the Sustainable Development Goals by, for and with persons with disabilities”.

Within the abstracts covering “the documents” we suggest that the lack of engagement of technologies through the lens of “the documents” especially the conventions and declarations is problematic, and a missed opportunity given that technologies impact the ‘social’ of the topic of every document. For example, it is known that artificial intelligence, machine learning and machine reasoning use poses various problems such as algorithm/algorithmic bias in relation to marginalized groups [199–216], which could have been discussed using all of “the documents” including the three documents focusing on environmental issues as algorithm/algorithmic bias are also identified in using artificial intelligence, machine learning and machine reasoning to deal with environmental issues.

A thorough understanding of the ‘social’ is flagged as important in science and technology governance and science and technology focused ethics discourses [11,13–20,28]. Science and technology governance concepts have been developed to engage with the recognized reality that scientific and technological advancements have social, legal, ethical and economic consequences [10]. We did not search for the science and technology governance terms and specific ethics fields in “the documents”. However, the search of the abstracts engaging with “the documents” should have generated science and technology governance terms (“democratizing science, and technology”, “participatory technology assessment”, “technology assessment”, “parliamentary technology assessment”, “anticipatory governance”, “upstream engagement”, “responsible innovation”, “responsible research and innovation” and “transformative vision assessment”) and ethics fields (AI-ethics, bioethics, computer science ethics, information technology ethics, nanoethics, neuroethics, roboethics) as lenses to discuss the social implications of a given technology on the social issues flagged in “the documents” and it is problematic that they were not.

In the “Convention on the Rights of Persons with Disabilities” it is for example stated “To undertake or promote research and development of, and to promote the availability and use of new technologies, including information and communications technologies, mobility aids, devices and assistive technologies, suitable for persons with disabilities, giving priority to technologies at an affordable cost”, “To undertake or promote research and development of universally designed goods, services, equipment and facilities, as defined in article 2 of the present Convention, which should require the minimum possible adaptation and the least cost to meet the specific needs of a person with disabilities, to promote their availability and use, and to promote universal design in the development of standards and guidelines”, “To provide accessible information to persons with disabilities about mobility aids, devices and assistive technologies, including new technologies, as well as other forms of assistance, support services and facilities”, To promote access for persons with disabilities to new information and communications technologies and systems, including the Internet”, “To promote the design, development, production and distribution of accessible information and communications technologies and systems at an early stage, so that these technologies and systems become accessible at minimum cost”, “Facilitating access by persons with disabilities to quality mobility aids, devices, assistive technologies and forms of live assistance and intermediaries, including by making them available at affordable cost”, “Encouraging entities that produce mobility aids, devices and assistive

technologies to take into account all aspects of mobility for persons with disabilities”, “Providing information intended for the general public to persons with disabilities in accessible formats and technologies appropriate to different kinds of disabilities in a timely manner and without additional cost”, “shall promote the availability, knowledge and use of assistive devices and technologies, designed for persons with disabilities, as they relate to habilitation and rehabilitation”, “Facilitating cooperation in research and access to scientific and technical knowledge”, “Providing, as appropriate, technical and economic assistance, including by facilitating access to and sharing of accessible and assistive technologies, and through the transfer of technologies”.

All these statements suggest that various science and technology governance and ethics fields could have been used as lenses to audit the compliance with the “Convention on the Rights of Persons with Disabilities” demands. Furthermore, the science and technology governance lenses could also be used to discuss the impact of a given scientific or technological advancement on the social issues flagged by the “Convention on the Rights of Persons with Disabilities”. Additionally, one could also query the limitation of the wordings around technologies in the “Convention on the Rights of Persons with Disabilities” [217].

The science and technology governance lenses could also be used to discuss the impact of a given scientific or technological advancement on the social issues flagged by the other documents. A recent addition to technology governance is the effort of the National Academy of Medicine’s Committee on Emerging Science, Technology, and Innovation in health and medicine (CESTI) to generate a new technology impact and governance framework “to inform social, ethical, and legal governance frameworks for a range of cutting-edge technologies” [28]. This initiative could also use “the documents” to strengthen their impact and governance framework.

#### 4.4. Healthcare Professionals (Research Question 5)

Health care professionals ought to engage with the ‘social’ [78,82–85] and associations of healthcare professionals mention a variety of “the documents” [78,86,89–91,93,94,96,99]. However, few to no abstracts linked “the documents” to health professions. This is problematic and a missed opportunity. We suggest that engaging with “the documents” in conjunction with health professionals enhances the expected roles of health professionals such as being advocate for their field and their clients, educators, researchers, being involved in political processes and change agents [21–26]. Engaging in academic research with “the documents” fits with the self understanding that social work contributes to the “practical and tangible advancements of human rights in people’s daily lives” [86] and that on a community level, social workers influence the rights of people by shaping public decisions on policy impacting vulnerable populations such as women, people with disabilities and Indigenous peoples [86] and that “occupational therapists around the world are obligated to promote occupational rights as the actualization of human rights” [82] and to decrease occupational injustice [82]. The World Psychiatric Association endorses The UN Convention on Rights of Persons with Disabilities and recognize it as essential to promote social justice” [85] but our findings do not indicate studies that would engage with how best to do so or how well it is done by their members.

#### 4.5. Limitations

The search was limited to a few databases and English language literature. As such, the findings are not to be generalized to the whole of academic literature, non-academic literature, or non-English literature, which was also not our intent. Generalizability was also not our intent. However, as for transferability, the description of our method gives all the required information to others so they may decide whether they want to apply our keyword searches to other data sources such as grey literature, literature in other languages, and other academic literature, or whether they want to perform more in-depth research such as qualitative work on what was said in relation to the keywords, we did manifest

coding on. Furthermore, as to the academic database searches only abstracts were searched. That means that relevant content that would only be evident in the main body of an article would have been missed. Finally, there are many more phrases containing the term ‘social’, and indicators one can link to the ‘social’. Although this study has various limitations and boundaries, the findings allow for conclusions to be made within the parameters of the searches and the character of the analysis.

## 5. Conclusions and Future Research

Our study revealed quite a difference in abstracts covering the various documents to start with and showed numerous gaps in discussing and using “the documents” in relation to all research questions we posed. Our findings suggest many research opportunities that could fill the gaps we found such as the lack of coverage of intersectionality especially in relation to EDI related groups.

Our CRPD (Appendix A and Tables 15 and 16) approach could be applied to the other 8 documents we investigated and the identified social issues in all 9 of them could be used as another list of social indicators to audit all the topics we covered in our study and other topics.

The “documents” could be used:

- to facilitate collaborations between many groups and individuals such as scholars, policymakers, educators, professionals, active citizens and stakeholders including marginalized groups on any given topic
- to strengthen the discussions around and auditing of the ‘social’ related to many topics
- to strengthen the field of eco-social work [79–81].
- to strengthen the EDI discourse
- as one list of social indicators to be used as self-assessment tools by many such as students, researchers, teachers, professionals, practitioners, active citizens, stakeholders, designers of products, engineers, coders, or policymakers to ascertain their literacy of the ‘social’ on climate change, sustainable development goals, emergency and disaster management, impact of technologies, governance of science and technology, EDI and other topics
- to audit science and technology governance discussions
- to query EDI engagements in science and technology including science and technology governance something which is often missing [10].
- to ascertain how literate people involved in “the documents” are on the topic covered in our study and vice versa.
- to investigate curricula including curricula covering the topics of our study

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### Appendix A. Keywords of Social Issues Identified from the CRPD Document (Appendix A)

| Wordings from the Convention on the Rights of Persons with Disabilities                                                                                                                                                                                                                                                                                                                                                         | social issues in one word or phrase                                                                                                                                      |
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| Article Purpose                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                                                                                                                        |
| to promote, protect and ensure the full and equal enjoyment of all human rights and fundamental freedoms by all persons with disabilities,                                                                                                                                                                                                                                                                                      | Human Rights<br>Fundamental Freedoms                                                                                                                                     |
| to promote respect for their inherent dignity.                                                                                                                                                                                                                                                                                                                                                                                  | respect<br>dignity                                                                                                                                                       |
| Article 4 General obligations                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                          |
| to ensure and promote the full realization of all human rights and fundamental freedoms for all persons with disabilities without discrimination of any kind on the basis of disability.                                                                                                                                                                                                                                        | Discrimination<br>Human Rights<br>Fundamental Freedoms                                                                                                                   |
| To adopt all appropriate legislative, administrative and other measures for the implementation of the rights recognized in the present Convention;                                                                                                                                                                                                                                                                              | Rights                                                                                                                                                                   |
| To take all appropriate measures, including legislation, to modify or abolish existing laws, regulations, customs and practices that constitute discrimination against persons with disabilities;                                                                                                                                                                                                                               | Discrimination                                                                                                                                                           |
| To take into account the protection and promotion of the human rights of persons with disabilities in all policies and programmes;                                                                                                                                                                                                                                                                                              | Human rights (policies and programs)                                                                                                                                     |
| To refrain from engaging in any act or practice that is inconsistent with the present Convention and to ensure that public authorities and institutions act in conformity with the present Convention;                                                                                                                                                                                                                          | Conform to convention                                                                                                                                                    |
| To take all appropriate measures to eliminate discrimination on the basis of disability by any person, organization or private enterprise;                                                                                                                                                                                                                                                                                      | Discrimination                                                                                                                                                           |
| To undertake or promote research and development of universally designed goods, services, equipment and facilities, as defined in article 2 of the present Convention, which should require the minimum possible adaptation and the least cost to meet the specific needs of a person with disabilities, to promote their availability and use, and to promote universal design in the development of standards and guidelines; | Universal design<br>research and development<br>cost<br>access<br>availability                                                                                           |
| To undertake or promote research and development of, and to promote the availability and use of new technologies, including information and communications technologies, mobility aids, devices and assistive technologies, suitable for persons with disabilities, giving priority to technologies at an affordable cost;                                                                                                      | research and development<br>availability<br>use of technology<br>information and communications<br>technologies ICT<br>mobility aids<br>assistive technologies<br>cost   |
| To provide accessible information to persons with disabilities about mobility aids, devices and assistive technologies, including new technologies, as well as other forms of assistance, support services and facilities;                                                                                                                                                                                                      | Accessible information<br>New technologies<br>information and communications<br>technologies ICT<br>mobility aids<br>assistive technologies<br>services<br>accessibility |
| To promote the training of professionals and staff working with persons with disabilities in the rights recognized in the present Convention so as to better provide the assistance and services guaranteed by those rights.                                                                                                                                                                                                    | knowledge<br>Training on CRPD<br>Rights<br>services.                                                                                                                     |

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| to take measures to the maximum of its available resources and, where needed, within the framework of international cooperation, with a view to achieving progressively the full realization of these rights, without prejudice to those obligations contained in the present Convention that are immediately applicable according to international law. | Prejudice<br>International cooperation                                                                                     |
| In the development and implementation of legislation and policies to implement the present Convention, and in other decision-making processes concerning issues relating to persons with disabilities,                                                                                                                                                   | CRPD in decision making processes                                                                                          |
| States Parties shall closely consult with and actively involve persons with disabilities, including children with disabilities, through their representative organizations.                                                                                                                                                                              | stakeholders                                                                                                               |
| Article 5 Equality and Discrimination                                                                                                                                                                                                                                                                                                                    |                                                                                                                            |
| States Parties shall prohibit all discrimination on the basis of disability and guarantee to persons with disabilities equal and effective legal protection against discrimination on all grounds.                                                                                                                                                       | Discrimination                                                                                                             |
| shall take all appropriate steps to ensure that reasonable accommodation is provided.                                                                                                                                                                                                                                                                    | Reasonable accommodation                                                                                                   |
| Article 6 Women with disabilities                                                                                                                                                                                                                                                                                                                        |                                                                                                                            |
| shall take measures to ensure the full and equal enjoyment by them of all human rights and fundamental freedoms.                                                                                                                                                                                                                                         | human rights<br>fundamental freedoms<br>Women with disability                                                              |
| shall take all appropriate measures to ensure the full development, advancement and empowerment of women, for the purpose of guaranteeing them the exercise and enjoyment of the human rights and fundamental freedoms set out in the present Convention.                                                                                                | Empowerment<br>women with disabilities<br>human rights<br>fundamental freedoms                                             |
| Article 7 Children with disabilities                                                                                                                                                                                                                                                                                                                     |                                                                                                                            |
| shall take all necessary measures to ensure the full enjoyment by children with disabilities of all human rights and fundamental freedoms on an equal basis with other children.                                                                                                                                                                         | human rights<br>fundamental freedoms                                                                                       |
| shall ensure that children with disabilities have the right to express their views freely on all matters affecting them, their views being given due weight in accordance with their age and maturity, on an equal basis with other children, and to be provided with disability and age-appropriate assistance to realize that right.                   | Children with disabilities<br>Expression of views<br>Stakeholders<br>Due consideration<br>Assistance to realize that right |
| Article 8 Awareness-raising                                                                                                                                                                                                                                                                                                                              |                                                                                                                            |
| undertake to adopt immediate, effective and appropriate measures:                                                                                                                                                                                                                                                                                        | Awareness raising                                                                                                          |
| To raise awareness throughout society, including at the family level, regarding persons with disabilities, and to foster respect for the rights and dignity of persons with disabilities;                                                                                                                                                                | Awareness raising<br>Rights<br>Dignity                                                                                     |
| To combat stereotypes, prejudices and harmful practices relating to persons with disabilities, including those based on sex and age, in all areas of life;                                                                                                                                                                                               | Stereotype<br>Prejudice<br>Harmful practice                                                                                |
| To promote awareness of the capabilities and contributions of persons with disabilities.                                                                                                                                                                                                                                                                 | Awareness raising<br>Capability                                                                                            |
| Measures to this end include:                                                                                                                                                                                                                                                                                                                            |                                                                                                                            |
| Initiating and maintaining effective public awareness campaigns designed:                                                                                                                                                                                                                                                                                | Awareness raising                                                                                                          |
| To nurture receptiveness to the rights of persons with disabilities;                                                                                                                                                                                                                                                                                     | Rights                                                                                                                     |
| To promote positive perceptions and greater social awareness towards persons with disabilities;                                                                                                                                                                                                                                                          | perception<br>Social awareness                                                                                             |

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| To promote recognition of the skills, merits and abilities of persons with disabilities, and of their contributions to the workplace and the labour market;                                                                                                                                                                                                                | skills<br>merits abilities<br>workplace<br>labour market  |
| Fostering at all levels of the education system, including in all children from an early age, an attitude of respect for the rights of persons with disabilities;                                                                                                                                                                                                          | Respect<br>Rights<br>Education<br>Literacy                |
| Encouraging all organs of the media to portray persons with disabilities in a manner consistent with the purpose of the present Convention;                                                                                                                                                                                                                                | Media portrayal                                           |
| Promoting awareness-training programmes regarding persons with disabilities and the rights of persons with disabilities.                                                                                                                                                                                                                                                   | awareness<br>Rights                                       |
| Article 9 Accessibility                                                                                                                                                                                                                                                                                                                                                    |                                                           |
| To enable persons with disabilities to live independently and participate fully in all aspects of life,                                                                                                                                                                                                                                                                    | Independent<br>Independence<br>Participate                |
| shall take appropriate measures to ensure to persons with disabilities access, on an equal basis with others, to the physical environment, to transportation, to information and communications, including information and communications technologies and systems, and to other facilities and services open or provided to the public, both in urban and in rural areas. | Physical environment<br>Transportation<br>ICT<br>Services |
| shall include the identification and elimination of obstacles and barriers to accessibility,                                                                                                                                                                                                                                                                               | Accessibility                                             |
| shall apply to                                                                                                                                                                                                                                                                                                                                                             |                                                           |
| Buildings, roads, transportation and other indoor and outdoor facilities, including schools, housing, medical facilities and workplaces;                                                                                                                                                                                                                                   | Physical environment,<br>Transportation                   |
| Information, communications and other services, including electronic services and emergency services.                                                                                                                                                                                                                                                                      | ICT                                                       |
| To develop, promulgate and monitor the implementation of minimum standards and guidelines for the accessibility of facilities and services open or provided to the public;                                                                                                                                                                                                 | Accessibility                                             |
| To ensure that private entities that offer facilities and services which are open or provided to the public take into account all aspects of accessibility for persons with disabilities;                                                                                                                                                                                  | Accessibility                                             |
| To provide training for stakeholders on accessibility issues facing persons with disabilities;                                                                                                                                                                                                                                                                             | Training of<br>stakeholders<br>Accessibility              |
| To provide in buildings and other facilities open to the public signage in Braille and in easy to read and understand forms;                                                                                                                                                                                                                                               | Braille<br>Plain language                                 |
| To provide forms of live assistance and intermediaries, including guides, readers and professional sign language interpreters, to facilitate accessibility to buildings and other facilities open to the public;                                                                                                                                                           | Live assistance                                           |
| To promote other appropriate forms of assistance and support to persons with disabilities to ensure their access to information;                                                                                                                                                                                                                                           | access to information                                     |
| To promote access for persons with disabilities to new information and communications technologies and systems, including the Internet;                                                                                                                                                                                                                                    | ICT                                                       |
| To promote the design, development, production and distribution of accessible information and communications technologies and systems at an early stage, so that these technologies and systems become accessible at minimum cost.                                                                                                                                         | Accessible ICT                                            |
| Article 10 Right to life                                                                                                                                                                                                                                                                                                                                                   |                                                           |

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| reaffirm that every human being has the inherent right to life and shall take all necessary measures to ensure its effective enjoyment by persons with disabilities on an equal basis with others.                                                                                                                                                                                            | Rights                                                                                 |
| Article 11 Situations of risk and humanitarian emergencies                                                                                                                                                                                                                                                                                                                                    |                                                                                        |
| shall take all necessary measures to ensure the protection and safety of persons with disabilities in situations of risk, including situations of armed conflict, humanitarian emergencies and the occurrence of natural disasters.                                                                                                                                                           | Protection<br>Safety<br>Armed conflict<br>Humanitarian emergencies<br>Natural disaster |
| Article 12 Equal recognition before the law                                                                                                                                                                                                                                                                                                                                                   |                                                                                        |
| reaffirm that persons with disabilities have the right to recognition everywhere as persons before the law.                                                                                                                                                                                                                                                                                   | Rights                                                                                 |
| shall recognize that persons with disabilities enjoy legal capacity on an equal basis with others in all aspects of life.                                                                                                                                                                                                                                                                     | Legal capacity                                                                         |
| shall take appropriate measures to provide access by persons with disabilities to the support they may require in exercising their legal capacity.                                                                                                                                                                                                                                            | Support to enable access to exercising legal capacity                                  |
| shall ensure that all measures that relate to the exercise of legal capacity provide for appropriate and effective safeguards to prevent abuse in accordance with international human rights law.                                                                                                                                                                                             | Prevent abuse                                                                          |
| shall ensure that measures relating to the exercise of legal capacity respect the rights, will and preferences of the person, are free of conflict of interest and undue influence, are proportional and tailored to the person's circumstances, apply for the shortest time possible and are subject to regular review by a competent, independent and impartial authority or judicial body. | Conflict of interest                                                                   |
| shall take all appropriate and effective measures to ensure the equal right of persons with disabilities                                                                                                                                                                                                                                                                                      | Rights                                                                                 |
| to own or inherit property,                                                                                                                                                                                                                                                                                                                                                                   | Own or inherit property                                                                |
| to control their own financial affairs                                                                                                                                                                                                                                                                                                                                                        |                                                                                        |
| to have equal access to bank loans, mortgages and other forms of financial credit,                                                                                                                                                                                                                                                                                                            | Finance                                                                                |
| shall ensure that persons with disabilities are not arbitrarily deprived of their property.                                                                                                                                                                                                                                                                                                   | Property                                                                               |
| Article 13 Access to justice                                                                                                                                                                                                                                                                                                                                                                  |                                                                                        |
| shall ensure effective access to justice for persons with disabilities on an equal basis with others, including through the provision of procedural and age-appropriate accommodations, in order to facilitate their effective role as direct and indirect participants, including as witnesses, in all legal proceedings, including at investigative and other preliminary stages.           | Access to justice                                                                      |
| shall promote appropriate training for those working in the field of administration of justice, including police and prison staff.                                                                                                                                                                                                                                                            | Training                                                                               |
| Article 14 Liberty and security of person                                                                                                                                                                                                                                                                                                                                                     |                                                                                        |
| shall ensure that persons with disabilities, on an equal basis with others:                                                                                                                                                                                                                                                                                                                   |                                                                                        |
| the right to liberty and security of person;                                                                                                                                                                                                                                                                                                                                                  | Rights to liberty<br>Security of the person                                            |
| Are not deprived of their liberty unlawfully or arbitrarily, and that any deprivation of liberty is in conformity with the law, and that the existence of a disability shall in no case justify a deprivation of liberty.                                                                                                                                                                     | Liberty                                                                                |

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| shall ensure that if persons with disabilities are deprived of their liberty through any process, they are, on an equal basis with others, entitled to guarantees in accordance with international human rights law and shall be treated in compliance with the objectives and principles of the present Convention, including by provision of reasonable accommodation.                                                                                                                                        | Human rights<br>Reasonable accommodation                                                                                                            |
| Article 15 Freedom from torture or cruel, inhuman or degrading treatment or punishment                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                     |
| shall take all effective legislative, administrative, judicial or other measures to prevent persons with disabilities, on an equal basis with others, from being subjected to torture or cruel, inhuman or degrading treatment or punishment.                                                                                                                                                                                                                                                                   | torture or cruel, inhuman or degrading treatment or punishment.                                                                                     |
| Article 16 Freedom from exploitation, violence and abuse                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                     |
| shall take all appropriate legislative, administrative, social, educational and other measures to protect persons with disabilities, both within and outside the home, from all forms of exploitation, violence and abuse, including their gender-based aspects.                                                                                                                                                                                                                                                | Exploitation<br>Violence<br>Abuse<br>Gender based                                                                                                   |
| shall also take all appropriate measures to prevent all forms of exploitation, violence and abuse by ensuring, inter alia, appropriate forms of gender- and age-sensitive assistance and support for persons with disabilities and their families and caregivers, including through the provision of information and education on how to avoid, recognize and report instances of exploitation, violence and abuse.                                                                                             | support<br>families<br>caregiver, accessible information<br>education<br>exploitation<br>violence<br>abuse                                          |
| ensure that protection services are age-, gender- and disability-sensitive.                                                                                                                                                                                                                                                                                                                                                                                                                                     | Protection services                                                                                                                                 |
| shall ensure that all facilities and programmes designed to serve persons with disabilities are effectively monitored by independent authorities.                                                                                                                                                                                                                                                                                                                                                               | Monitoring services                                                                                                                                 |
| shall take all appropriate measures to promote the physical, cognitive and psychological recovery, rehabilitation and social reintegration of persons with disabilities who become victims of any form of exploitation, violence or abuse, including through the provision of protection services. Such recovery and reintegration shall take place in an environment that fosters the health, welfare, self-respect, dignity and autonomy of the person and takes into account gender- and age-specific needs. | recovery<br>rehabilitation<br>social reintegration<br>protective services<br>Self respect<br>Health<br>Welfare<br>Dignity<br>Autonomy<br>Gender/age |
| shall put in place effective legislation and policies, including women- and child-focused legislation and policies, to ensure that instances of exploitation, violence and abuse against persons with disabilities are identified, investigated and, where appropriate, prosecuted.                                                                                                                                                                                                                             | law                                                                                                                                                 |
| Article 18 Liberty of movement and nationality                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                     |
| shall recognize the rights of persons with disabilities to liberty of movement, to freedom to choose their residence and to a nationality, on an equal basis with others, including by ensuring that persons with disabilities:                                                                                                                                                                                                                                                                                 | Liberty of movement<br>residence<br>nationality                                                                                                     |
| Have the right to acquire and change a nationality and are not deprived of their nationality arbitrarily or on the basis of disability;                                                                                                                                                                                                                                                                                                                                                                         | residence<br>nationality                                                                                                                            |
| Are not deprived, on the basis of disability, of their ability to obtain, possess and utilize documentation of their nationality or other documentation of identification, or to utilize relevant processes such as immigration proceedings, that may be needed to facilitate exercise of the right to liberty of movement;                                                                                                                                                                                     | Immigration                                                                                                                                         |

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| Children with disabilities shall be registered immediately after birth and shall have the right from birth to a name, the right to acquire a nationality and, as far as possible, the right to know and be cared for by their parents.                                                                                                                                   | right to know<br>parents<br>cared for by their parents                                                 |
| Article 19 Living independently and being included in the community                                                                                                                                                                                                                                                                                                      |                                                                                                        |
| shall take effective and appropriate measures to facilitate full enjoyment by persons with disabilities of this right and their full inclusion and participation in the community, including by ensuring that:                                                                                                                                                           | Rights<br>Inclusion<br>Participation<br>Community                                                      |
| Persons with disabilities have the opportunity to choose their place of residence and where and with whom they live on an equal basis with others and are not obliged to live in a particular living arrangement;                                                                                                                                                        |                                                                                                        |
| Persons with disabilities have access to a range of in-home, residential and other community support services, including personal assistance necessary to support living and inclusion in the community, and to prevent isolation or segregation from the community;                                                                                                     | Services<br>Personal assistance<br>Support living<br>Isolation<br>Segregation<br>Community             |
| Community services and facilities for the general population are available on an equal basis to persons with disabilities and are responsive to their needs.                                                                                                                                                                                                             | Community services<br>Access                                                                           |
| Article 20 Personal mobility                                                                                                                                                                                                                                                                                                                                             |                                                                                                        |
| shall take effective measures to ensure personal mobility with the greatest possible independence for persons with disabilities, including by:                                                                                                                                                                                                                           | Independence<br>Personal mobility                                                                      |
| Facilitating the personal mobility of persons with disabilities in the manner and at the time of their choice, and at affordable cost;                                                                                                                                                                                                                                   | Personal mobility<br>Cost                                                                              |
| Facilitating access by persons with disabilities to quality mobility aids, devices, assistive technologies and forms of live assistance and intermediaries, including by making them available at affordable cost;                                                                                                                                                       | Access to devices<br>Cost                                                                              |
| Providing training in mobility skills to persons with disabilities and to specialist staff working with persons with disabilities;                                                                                                                                                                                                                                       | Training<br>skills                                                                                     |
| Encouraging entities that produce mobility aids, devices and assistive technologies to take into account all aspects of mobility for persons with disabilities.                                                                                                                                                                                                          | training                                                                                               |
| Article 21 Freedom of expression and opinion, and access to information                                                                                                                                                                                                                                                                                                  |                                                                                                        |
| shall take all appropriate measures to ensure that persons with disabilities can exercise the right to freedom of expression and opinion, including the freedom to seek, receive and impart information and ideas on an equal basis with others and through all forms of communication of their choice, as defined in article 2 of the present Convention, including by: | Freedom of expression<br>freedom to seek, receive and impart<br>information and ideas<br>communication |
| Providing information intended for the general public to persons with disabilities in accessible formats and technologies appropriate to different kinds of disabilities in a timely manner and without additional cost;                                                                                                                                                 | accessible information<br>Accessible technology<br>Cost                                                |
| Accepting and facilitating the use of sign languages, Braille, augmentative and alternative communication, and all other accessible means, modes and formats of communication of their choice by persons with disabilities in official interactions;                                                                                                                     | Sign language<br>Braille,<br>augmentative and alternative<br>communication,                            |
| Urging private entities that provide services to the general public, including through the Internet, to provide information and services in accessible and usable formats for persons with disabilities;                                                                                                                                                                 | Accessible ICT                                                                                         |
| Encouraging the mass media, including providers of information through the Internet, to make their services accessible to persons with disabilities;                                                                                                                                                                                                                     | Mass media<br>access ICT                                                                               |
| Recognizing and promoting the use of sign languages.                                                                                                                                                                                                                                                                                                                     | Sign language                                                                                          |

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| Article 22 Respect for privacy                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                       |
| shall protect the privacy of personal, health and rehabilitation information of persons with disabilities on an equal basis with others.                                                                                                                                                                                                                                                                                         | privacy                                                               |
| Article 23 Respect for home and the family                                                                                                                                                                                                                                                                                                                                                                                       |                                                                       |
| shall take effective and appropriate measures to eliminate discrimination against persons with disabilities in all matters relating to marriage, family, parenthood and relationships, on an equal basis with others, so as to ensure that:                                                                                                                                                                                      | Discrimination<br>marriage,<br>family,<br>parenthood<br>relationships |
| The rights of persons with disabilities to decide freely and responsibly on the number and spacing of their children and to have access to age-appropriate information, reproductive and family planning education are recognized, and the means necessary to enable them to exercise these rights are provided;                                                                                                                 | Access to information                                                 |
| shall ensure the rights and responsibilities of persons with disabilities, with regard to guardianship, wardship, trusteeship, adoption of children or similar institutions, where these concepts exist in national legislation; in all cases the best interests of the child shall be paramount.                                                                                                                                | Guardianship<br>Wardship<br>Adoption                                  |
| shall render appropriate assistance to persons with disabilities in the performance of their child-rearing responsibilities.                                                                                                                                                                                                                                                                                                     | Child rearing assistance                                              |
| shall ensure that children with disabilities have equal rights with respect to family life. With a view to realizing these rights, and to prevent concealment, abandonment, neglect and segregation of children with disabilities, States Parties shall undertake to provide early and comprehensive information, services and support to children with disabilities and their families.                                         | Family<br>children with disabilities,<br>information services         |
| shall ensure that a child shall not be separated from his or her parents against their will, except when competent authorities subject to judicial review determine, in accordance with applicable law and procedures, that such separation is necessary for the best interests of the child. In no case shall a child be separated from parents on the basis of a disability of either the child or one or both of the parents. | family                                                                |
| shall, where the immediate family is unable to care for a child with disabilities, undertake every effort to provide alternative care within the wider family, and failing that, within the community in a family setting.                                                                                                                                                                                                       | Family<br>Community                                                   |
| Article 24 Education                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                       |
| recognize the right of persons with disabilities to education. With a view to realizing this right without discrimination and on the basis of equal opportunity, States Parties shall ensure an inclusive education system at all levels and lifelong learning directed to:                                                                                                                                                      | Education<br>Discrimination                                           |
| The full development of human potential and sense of dignity and self-worth,                                                                                                                                                                                                                                                                                                                                                     | Dignity<br>self worth                                                 |
| and the strengthening of respect for human rights, fundamental freedoms and human diversity;                                                                                                                                                                                                                                                                                                                                     | human rights<br>fundamental freedoms<br>human diversity               |
| The development by persons with disabilities of their personality, talents and creativity, as well as their mental and physical abilities, to their fullest potential;                                                                                                                                                                                                                                                           | Personality<br>Talent<br>Creativity<br>Mental and physical ability    |
| Enabling persons with disabilities to participate effectively in a free society.                                                                                                                                                                                                                                                                                                                                                 | Participate in free society                                           |
| shall ensure that                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                       |
| Persons with disabilities are not excluded from the general education system on the basis of disability, and that children with disabilities are not excluded from free and compulsory primary education, or from secondary education, on the basis of disability;                                                                                                                                                               | Education<br>Primary education<br>Secondary education                 |

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| Persons with disabilities can access an inclusive, quality and free primary education and secondary education on an equal basis with others in the communities in which they live;                                                                                                                                                                                                                                                                                                                                              | Primary education<br>Secondary education<br>Community                                   |
| Reasonable accommodation of the individual's requirements is provided;                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Reasonable accommodation                                                                |
| Persons with disabilities receive the support required, within the general education system, to facilitate their effective education;                                                                                                                                                                                                                                                                                                                                                                                           | Education                                                                               |
| Effective individualized support measures are provided in environments that maximize academic and social development, consistent with the goal of full inclusion.                                                                                                                                                                                                                                                                                                                                                               | Environments<br>academic and social development<br>inclusion                            |
| shall enable persons with disabilities to learn life and social development skills to facilitate their full and equal participation in education and as members of the community. To this end, States Parties shall take appropriate measures, including:                                                                                                                                                                                                                                                                       | life and social development skills<br>skills<br>participation<br>education<br>community |
| Facilitating the learning of Braille, alternative script, augmentative and alternative modes, means and formats of communication and orientation and mobility skills, and facilitating peer support and mentoring;                                                                                                                                                                                                                                                                                                              | Peer support<br>Mentoring<br>Braille<br>communication<br>mobility skills                |
| Facilitating the learning of sign language and the promotion of the linguistic identity of the deaf community;                                                                                                                                                                                                                                                                                                                                                                                                                  | Sign language<br>Linguistic identity<br>Identity                                        |
| Ensuring that the education of persons, and in particular children, who are blind, deaf or deafblind, is delivered in the most appropriate languages and modes and means of communication for the individual, and in environments which maximize academic and social development.                                                                                                                                                                                                                                               | Social development<br>Academic development                                              |
| In order to help ensure the realization of this right, States Parties shall take appropriate measures to employ teachers, including teachers with disabilities, who are qualified in sign language and/or Braille, and to train professionals and staff who work at all levels of education. Such training shall incorporate disability awareness and the use of appropriate augmentative and alternative modes, means and formats of communication, educational techniques and materials to support persons with disabilities. | Training                                                                                |
| shall ensure that persons with disabilities are able to access general tertiary education, vocational training, adult education and lifelong learning without discrimination and on an equal basis with others. To this end, States Parties shall ensure that reasonable accommodation is provided to persons with disabilities.                                                                                                                                                                                                | Vocational training                                                                     |
| Article 25 Health                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Health                                                                                  |
| shall:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                         |
| Provide persons with disabilities with the same range, quality and standard of free or affordable health care and programmes as provided to other persons, including in the area of sexual and reproductive health and population-based public health programmes;                                                                                                                                                                                                                                                               | Health                                                                                  |
| Provide those health services needed by persons with disabilities specifically because of their disabilities, including early identification and intervention as appropriate, and services designed to minimize and prevent further disabilities, including among children and older persons;                                                                                                                                                                                                                                   | Health services                                                                         |
| Provide these health services as close as possible to people's own communities, including in rural areas;                                                                                                                                                                                                                                                                                                                                                                                                                       | Health services<br>Community                                                            |

|                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                         |
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| Require health professionals to provide care of the same quality to persons with disabilities as to others, including on the basis of free and informed consent by, inter alia, raising awareness of the human rights, dignity, autonomy and needs of persons with disabilities through training and the promulgation of ethical standards for public and private health care; | Provide care<br>Health services<br>Autonomy<br>Informed consent<br>Awareness<br>human rights<br>Dignity<br>Needs of disabled people<br>Ethical standard |
| Prohibit discrimination against persons with disabilities in the provision of health insurance, and life insurance where such insurance is permitted by national law, which shall be provided in a fair and reasonable manner;                                                                                                                                                 | Discrimination<br>Health insurance<br>Life insurance                                                                                                    |
| Prevent discriminatory denial of health care or health services or food and fluids on the basis of disability.                                                                                                                                                                                                                                                                 | Health care<br>Health services<br>Food<br>Fluids                                                                                                        |
| Article 26 Habilitation and rehabilitation                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                         |
| shall take effective and appropriate measures, including through peer support, to enable persons with disabilities to attain and maintain maximum independence, full physical, mental, social and vocational ability, and full inclusion and participation in all aspects of life.                                                                                             | Independence<br>Peer support<br>physical, mental, social and vocational ability<br>inclusion<br>participation                                           |
| shall organize, strengthen and extend comprehensive habilitation and rehabilitation services and programmes, particularly in the areas of health, employment, education and social services, in such a way that these services and programmes:                                                                                                                                 | Habilitation services<br>Rehabilitation<br>Services<br>Health<br>Employment<br>Education<br>Social services                                             |
| Begin at the earliest possible stage, and are based on the multidisciplinary assessment of individual needs and strengths;                                                                                                                                                                                                                                                     |                                                                                                                                                         |
| Support participation and inclusion in the community and all aspects of society, are voluntary, and are available to persons with disabilities as close as possible to their own communities, including in rural areas.                                                                                                                                                        | Participation<br>Community<br>Inclusion<br>Society                                                                                                      |
| shall promote the development of initial and continuing training for professionals and staff working in habilitation and rehabilitation services.                                                                                                                                                                                                                              | Training                                                                                                                                                |
| shall promote the availability, knowledge and use of assistive devices and technologies, designed for persons with disabilities, as they relate to habilitation and rehabilitation.                                                                                                                                                                                            | knowledge<br>use<br>assistive devices and technologies<br>habilitation<br>rehabilitation                                                                |
| Article 27 Work and employment                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                         |
| recognize the right of persons with disabilities to work, on an equal basis with others; this includes the right to the opportunity to gain a living by work freely chosen or accepted in a labour market and work environment that is open, inclusive and accessible to persons with disabilities.                                                                            | Work<br>Employment<br>Accessibility                                                                                                                     |
| shall safeguard and promote the realization of the right to work, including for those who acquire a disability during the course of employment, by taking appropriate steps, including through legislation, to, inter alia:                                                                                                                                                    | Right to work<br>Employment                                                                                                                             |

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| Prohibit discrimination on the basis of disability with regard to all matters concerning all forms of employment, including conditions of recruitment, hiring and employment, continuance of employment, career advancement and safe and healthy working conditions;                                               | Discrimination<br>recruitment<br>hiring<br>employment<br>continuance of employment<br>career advancement<br>working conditions |
| Protect the rights of persons with disabilities, on an equal basis with others, to just and favourable conditions of work, including equal opportunities and equal remuneration for work of equal value, safe and healthy working conditions, including protection from harassment, and the redress of grievances; | work<br>harassment,<br>grievances;                                                                                             |
| Ensure that persons with disabilities are able to exercise their labour and trade union rights on an equal basis with others;                                                                                                                                                                                      | Union rights                                                                                                                   |
| Enable persons with disabilities to have effective access to general technical and vocational guidance programmes, placement services and vocational and continuing training;                                                                                                                                      | Access                                                                                                                         |
| Promote employment opportunities and career advancement for persons with disabilities in the labour market, as well as assistance in finding, obtaining, maintaining and returning to employment;                                                                                                                  | employment                                                                                                                     |
| Promote opportunities for self-employment, entrepreneurship, the development of cooperatives and starting one's own business;                                                                                                                                                                                      | self-employment<br>entrepreneurship                                                                                            |
| Employ persons with disabilities in the public sector;                                                                                                                                                                                                                                                             | Employment<br>Public sector                                                                                                    |
| Promote the employment of persons with disabilities in the private sector through appropriate policies and measures, which may include affirmative action programmes, incentives and other measures;                                                                                                               | Employment<br>Private sector<br>Affirmative action                                                                             |
| Ensure that reasonable accommodation is provided to persons with disabilities in the workplace;                                                                                                                                                                                                                    | Reasonable accommodation                                                                                                       |
| Promote the acquisition by persons with disabilities of work experience in the open labour market;                                                                                                                                                                                                                 | Work experience<br>skill                                                                                                       |
| Promote vocational and professional rehabilitation, job retention and return-to-work programmes for persons with disabilities.                                                                                                                                                                                     | Vocational<br>Return to work                                                                                                   |
| shall ensure that persons with disabilities are not held in slavery or in servitude, and are protected, on an equal basis with others, from forced or compulsory labour.                                                                                                                                           | Slavery<br>Servitude<br>Forced or compulsive labour                                                                            |
| Article 28 Adequate standard of living and social protection                                                                                                                                                                                                                                                       |                                                                                                                                |
| recognize the right of persons with disabilities to an adequate standard of living for themselves and their families, including adequate food, clothing and housing, and to the continuous improvement of living conditions,                                                                                       | Food<br>Clothing<br>Housing<br>Standard of living<br>Living condition                                                          |
| shall take appropriate steps to safeguard and promote the realization of this right without discrimination on the basis of disability.                                                                                                                                                                             | Discrimination                                                                                                                 |
| ensure equal access by persons with disabilities to clean water services, and to ensure access to appropriate and affordable services, devices and other assistance for disability-related needs;                                                                                                                  | Clean water services                                                                                                           |
| To ensure access by persons with disabilities, in particular women and girls with disabilities and older persons with disabilities, to social protection programmes and poverty reduction programmes;                                                                                                              | Social protection<br>Poverty                                                                                                   |

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| To ensure access by persons with disabilities and their families living in situations of poverty to assistance from the State with disability- related expenses, including adequate training, counselling, financial assistance and respite care;                                                                                   | Family<br>Respite care<br>Finance                                                    |
| To ensure access by persons with disabilities to public housing programmes;                                                                                                                                                                                                                                                         | Housing                                                                              |
| To ensure equal access by persons with disabilities to retirement benefits and programmes.                                                                                                                                                                                                                                          | Retirement                                                                           |
| Article 29 Participation in political and public life                                                                                                                                                                                                                                                                               |                                                                                      |
| shall guarantee to persons with disabilities political rights and the opportunity to enjoy them on an equal basis with others, and shall undertake:                                                                                                                                                                                 | Political rights                                                                     |
| To ensure that persons with disabilities can effectively and fully participate in political and public life on an equal basis with others, directly or through freely chosen representatives, including the right and opportunity for persons with disabilities to vote and be elected, inter alia, by:                             | Political life<br>Public life                                                        |
| Ensuring that voting procedures, facilities and materials are appropriate, accessible and easy to understand and use;                                                                                                                                                                                                               | Voting                                                                               |
| Protecting the right of persons with disabilities to vote by secret ballot in elections and public referendums without intimidation, and to stand for elections, to effectively hold office and perform all public functions at all levels of government, facilitating the use of assistive and new technologies where appropriate; | Voting<br>Privacy<br>Protection from intimidation<br>Social protection<br>Technology |
| Guaranteeing the free expression of the will of persons with disabilities as electors and to this end, where necessary, at their request, allowing assistance in voting by a person of their own choice;                                                                                                                            | Free expression<br>Voting                                                            |
| To promote actively an environment in which persons with disabilities can effectively and fully participate in the conduct of public affairs, without discrimination and on an equal basis with others, and encourage their participation in public affairs, including:                                                             | Participation<br>Public life<br>Promote social environment                           |
| Participation in non-governmental organizations and associations concerned with the public and political life of the country, and in the activities and administration of political parties;                                                                                                                                        | NGO<br>Public life<br>Political life<br>Political parties                            |
| Forming and joining organizations of persons with disabilities to represent persons with disabilities at international, national, regional and local levels.                                                                                                                                                                        | NGO                                                                                  |
| Article 30 Participation in cultural life, recreation, leisure and sport                                                                                                                                                                                                                                                            |                                                                                      |
| recognize the right of persons with disabilities to take part on an equal basis with others in cultural life, and shall take all appropriate measures to ensure that persons with disabilities:                                                                                                                                     | Cultural life<br>Culture                                                             |
| Enjoy access to cultural materials in accessible formats;                                                                                                                                                                                                                                                                           | Accessible format                                                                    |
| Enjoy access to television programmes, films, theatre and other cultural activities, in accessible formats;                                                                                                                                                                                                                         | Access                                                                               |
| Enjoy access to places for cultural performances or services, such as theatres, museums, cinemas, libraries and tourism services, and, as far as possible, enjoy access to monuments and sites of national cultural importance.                                                                                                     | Access                                                                               |
| shall take appropriate measures to enable persons with disabilities to have the opportunity to develop and utilize their creative, artistic and intellectual potential, not only for their own benefit, but also for the enrichment of society.                                                                                     | intellectual potential<br>arts<br>Own benefit<br>Enrichment of society               |
| shall take all appropriate steps, in accordance with international law, to ensure that laws protecting intellectual property rights do not constitute an unreasonable or discriminatory barrier to access by persons with disabilities to cultural materials.                                                                       | Intellectual property law<br>Discrimination                                          |

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| Persons with disabilities shall be entitled, on an equal basis with others, to recognition and support of their specific cultural and linguistic identity, including sign languages and deaf culture.                                                                                       | Cultural identity<br>Linguistic identity<br>Sign language                |
| to enabling persons with disabilities to participate on an equal basis with others in recreational, leisure and sporting activities, States Parties shall take appropriate measures:                                                                                                        | Recreation<br>Leisure<br>Sport                                           |
| To encourage and promote the participation, to the fullest extent possible, of persons with disabilities in mainstream sporting activities at all levels;                                                                                                                                   | Sport                                                                    |
| To ensure that persons with disabilities have an opportunity to organize, develop and participate in disability-specific sporting and recreational activities and, to this end, encourage the provision, on an equal basis with others, of appropriate instruction, training and resources; | Sport<br>Recreation                                                      |
| To ensure that persons with disabilities have access to sporting, recreational and tourism venues;                                                                                                                                                                                          | Recreation<br>Sport<br>Tourism                                           |
| To ensure that children with disabilities have equal access with other children to participation in play, recreation and leisure and sporting activities, including those activities in the school system;                                                                                  | Recreation<br>Leisure<br>Sport                                           |
| To ensure that persons with disabilities have access to services from those involved in the organization of recreational, tourism, leisure and sporting activities.                                                                                                                         | Recreation<br>Leisure<br>Sport<br>Tourism                                |
| Article 31 Statistics and data collection                                                                                                                                                                                                                                                   |                                                                          |
| undertake to collect appropriate information, including statistical and research data,                                                                                                                                                                                                      |                                                                          |
| States Parties' obligations under the present Convention and to identify and address the barriers faced by persons with disabilities in exercising their rights.                                                                                                                            | Identify barriers<br>Rights                                              |
| shall assume responsibility for the dissemination of these statistics and ensure their accessibility to persons with disabilities and others.                                                                                                                                               | Accessibility of information                                             |
| Article 32 International cooperation                                                                                                                                                                                                                                                        |                                                                          |
| Ensuring that international cooperation, including international development programmes, is inclusive of and accessible to persons with disabilities;                                                                                                                                       | Inclusive<br>International development                                   |
| Facilitating and supporting capacity-building, including through the exchange and sharing of information, experiences, training programmes and best practices;                                                                                                                              | Best practices<br>Capacity building<br>Sharing of information            |
| Facilitating cooperation in research and access to scientific and technical knowledge;                                                                                                                                                                                                      | cooperation in research<br>access to scientific and technical knowledge; |
| Providing, as appropriate, technical and economic assistance, including by facilitating access to and sharing of accessible and assistive technologies, and through the transfer of technologies.                                                                                           | Technical assistance<br>Economic assistance                              |

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