

Supplementary Materials:

Mental Disorders, Musculoskeletal Disorders and Income-Driven Patterns: Evidence from the Global Burden of Disease Study 2017

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Supplementary Table S1. Mental and musculoskeletal disorders age-standardised DALYs ARC % estimates for both sexes, between 1990 and 2017

Location	DALYs ARC % 1990-2017	
	Mental Disorders	Musculoskeletal Disorders
Mozambique	0.023%	0.237%
Mauritius	-0.146%	0.168%
Malawi	-0.053%	0.190%
Rwanda	-0.192%	-0.311%
Somalia	0.025%	0.160%
Zambia	0.037%	0.192%
Kenya	-0.074%	0.055%
Madagascar	-0.061%	-0.101%
South Sudan	0.049%	0.086%
Seychelles	-0.071%	0.053%
Tanzania	-0.049%	-0.022%
Uganda	0.012%	0.202%
Zimbabwe	0.047%	0.156%
Ethiopia	-0.139%	0.083%
Eritrea	-0.015%	0.072%
Djibouti	0.004%	0.189%
Comoros	-0.023%	0.247%
Burundi	-0.247%	-0.131%
Gabon	-0.029%	0.106%
Equatorial Guinea	0.044%	0.106%
Chad	0.028%	0.310%
Sao Tome and Principe	-0.019%	0.256%
Congo	-0.071%	-0.004%
Democratic Republic of the Congo	-0.018%	-0.002%
Cameroon	0.087%	0.304%
Central African Republic	0.019%	-0.018%
Angola	-0.013%	0.056%
Morocco	-0.058%	0.268%
Libya	0.010%	0.060%
Tunisia	-0.029%	0.078%
Algeria	-0.061%	0.121%
Namibia	0.004%	0.099%
Swaziland	0.109%	-0.109%
Lesotho	0.090%	-0.020%
South Africa	-0.034%	-0.273%
Botswana	0.065%	0.065%
Togo	0.061%	0.282%
Sierra Leone	0.078%	0.192%
Senegal	0.034%	0.250%
Nigeria	-0.013%	0.129%

Niger	0.046%	0.260%
Mauritania	-0.038%	0.287%
Mali	-0.017%	0.222%
Liberia	0.126%	0.020%
Guinea-Bissau	0.058%	0.272%
The Gambia	-0.005%	0.268%
Guinea	0.055%	0.270%
Ghana	0.010%	-0.012%
Cape Verde	0.132%	0.266%
Cote d'Ivoire	0.055%	0.347%
Burkina Faso	0.069%	0.358%
Benin	0.075%	0.371%
Dominica	0.006%	0.064%
Dominican Republic	0.040%	0.031%
Antigua and Barbuda	0.002%	-0.007%
Cuba	-0.338%	-0.153%
Grenada	0.025%	-0.129%
Jamaica	-0.007%	-0.159%
Trinidad and Tobago	-0.025%	-0.037%
The Bahamas	-0.025%	-0.162%
Saint Lucia	0.024%	-0.124%
Saint Vincent and the Grenadines	0.055%	0.138%
Barbados	0.008%	-0.062%
Haiti	-0.003%	-0.312%
Puerto Rico	-0.008%	0.004%
Virgin Islands. U.S.	0.091%	-0.030%
Panama	0.035%	0.052%
El Salvador	-0.061%	0.250%
Nicaragua	0.040%	0.160%
Mexico	0.111%	-0.043%
Honduras	0.055%	0.187%
Guatemala	-0.010%	0.340%
Costa Rica	0.078%	0.045%
Belize	0.065%	0.076%
United States	0.084%	0.039%
Greenland	0.018%	0.157%
Bermuda	-0.102%	-0.124%
Colombia	-0.072%	0.309%
Guyana	0.198%	0.055%
Ecuador	0.052%	0.227%
Paraguay	0.088%	0.413%
Suriname	0.134%	0.032%
Uruguay	0.141%	0.115%
Venezuela	0.021%	-0.111%

Peru	-0.015%	0.158%
Chile	-0.137%	0.424%
Brazil	-0.008%	0.001%
Bolivia	-0.014%	0.170%
Argentina	0.034%	0.082%
Turkmenistan	-0.062%	-0.026%
Uzbekistan	-0.054%	-0.077%
Tajikistan	-0.090%	-0.069%
Kyrgyzstan	-0.084%	-0.023%
Kazakhstan	0.063%	-0.044%
Mongolia	0.074%	-0.130%
Taiwan	0.107%	0.046%
South Korea	0.193%	0.099%
North Korea	-0.049%	-0.050%
Japan	0.136%	0.133%
Myanmar	-0.164%	-0.020%
Cambodia	-0.214%	0.028%
Vietnam	-0.145%	0.127%
Laos	-0.126%	0.077%
Malaysia	0.081%	-0.025%
Thailand	-0.111%	-0.319%
Brunei	-0.028%	0.112%
Philippines	-0.196%	0.044%
Indonesia	-0.113%	0.145%
Singapore	-0.180%	-0.251%
Timor-Leste	-0.250%	-0.032%
Maldives	-0.221%	-0.062%
Nepal	-0.046%	0.207%
Iran	0.085%	0.112%
Sri Lanka	-0.263%	-0.029%
Bhutan	-0.089%	-0.035%
Bangladesh	-0.108%	-0.154%
Afghanistan	-0.030%	0.139%
Oman	-0.056%	0.087%
Kuwait	0.061%	0.205%
Palestine	-0.084%	-0.040%
Lebanon	0.115%	0.149%
Qatar	-0.095%	0.072%
Saudi Arabia	0.029%	0.176%
Turkey	-0.040%	-0.084%
Yemen	0.053%	0.073%
Iraq	0.037%	0.041%
Jordan	-0.140%	-0.113%
Syria	-0.080%	-0.116%

Israel	-0.062%	-0.074%
Georgia	-0.012%	0.098%
Cyprus	-0.005%	-0.023%
Bahrain	-0.146%	0.036%
Azerbaijan	-0.006%	0.047%
Armenia	0.079%	0.138%
United Arab Emirates	-0.112%	0.068%
Moldova	-0.165%	-0.073%
Hungary	-0.211%	-0.007%
Poland	0.023%	0.016%
Romania	0.018%	-0.048%
Ukraine	-0.142%	0.025%
Belarus	0.014%	0.046%
Czech Republic	-0.131%	-0.052%
Russian Federation	-0.028%	-0.324%
Slovakia	-0.052%	0.154%
Bulgaria	-0.118%	-0.056%
Norway	-0.072%	-0.137%
Sweden	-0.059%	-0.098%
Lithuania	-0.052%	0.183%
Latvia	-0.240%	0.231%
Ireland	0.095%	-0.117%
Iceland	-0.062%	-0.289%
United Kingdom	-0.054%	0.222%
Finland	-0.230%	-0.355%
Estonia	-0.322%	0.152%
Denmark	-0.227%	0.221%
Macedonia	-0.051%	0.013%
Montenegro	0.003%	0.041%
Croatia	-0.179%	0.177%
Malta	-0.022%	0.001%
Slovenia	-0.252%	0.106%
Greece	0.020%	0.009%
Italy	-0.150%	-0.085%
Portugal	-0.109%	0.095%
Serbia	-0.092%	0.002%
Spain	-0.047%	-0.121%
Bosnia and Herzegovina	-0.219%	0.040%
Andorra	-0.010%	0.028%
Albania	0.033%	0.019%
Netherlands	0.015%	-0.210%
Luxembourg	-0.123%	0.001%
France	-0.112%	0.123%
Germany	0.018%	-0.054%

Switzerland	-0.192%	0.363%
Belgium	0.207%	-0.029%
Austria	-0.102%	0.022%
New Zealand	-0.023%	0.044%
Australia	0.058%	-0.057%
Papua New Guinea	-0.032%	0.078%
Vanuatu	-0.031%	0.053%
Solomon Islands	-0.035%	0.073%
Fiji	0.024%	0.068%
Guam	0.038%	0.058%
Northern Mariana Islands	0.032%	-0.007%
Marshall Islands	-0.033%	0.027%
Federated States of Micronesia	-0.044%	0.050%
Kiribati	-0.087%	0.145%
Samoa	-0.075%	-0.054%
Tonga	-0.024%	0.002%
American Samoa	-0.041%	0.044%
Canada	-0.059%	-0.038%
Egypt	-0.029%	0.049%
Sudan	-0.076%	0.078%
India	-0.155%	-0.153%
Pakistan	-0.105%	0.115%
China	-0.144%	-0.278%

DALYs: Disability-adjusted life-years

ARC %: Annualized rate of change %

Table S1 was generated from the GBD compare visualization tool at <https://vizhub.healthdata.org/gbd-compare/>

Supplementary Table S2. Spearman's correlation coefficients between age-standardized DALYs attributed to total mental disorders (MDT) and age-standardized DALYs attributed to various disorder groups, among 195 countries, in both sexes, for 1990 to 2017.

Other Disorders						Musculoskeletal Disorders sub-categories						
	Year	Neoplasm	CVD	NeuroD	Injuries	MSK	Rheumatoid arthritis	Osteoarthritis	Low back pain	Neck pain	Gout	Other MSK
MDT	1990	0.004	-0.233	0.351	-0.128	0.487	0.484	0.446	0.375	0.262	0.353	0.167
	1995	-0.019	-0.296	0.297	-0.199	0.470	0.479	0.431	0.361	0.274	0.352	0.165
	2000	-0.052	-0.332	0.279	-0.145	0.462	0.492	0.418	0.359	0.260	0.342	0.161
	2005	-0.148	-0.382	0.249	-0.153	0.440	0.501	0.400	0.337	0.254	0.336	0.166
	2010	-0.193	-0.407	0.274	-0.185	0.441	0.511	0.407	0.322	0.261	0.341	0.172
	2015	-0.243	-0.417	0.268	-0.183	0.441	0.532	0.417	0.320	0.268	0.358	0.164
	2017	-0.254	-0.423	0.265	-0.193	0.439	0.541	0.420	0.316	0.271	0.366	0.160

All significant correlations ($p < 0.05$) are in red.

CVD: Cardiovascular disorders; NeuroD: Neurological Disorders; MDT: Total Mental Disorders; MSK: Musculoskeletal Disorders; Other MSK: Other Musculoskeletal Disorders; DALYs: Disability-adjusted life-years

Supplementary Table S3. Spearman's correlation coefficients between age-standardized DALYs attributed to total mental disorders (MDT) and age-standardized DALYs attributed to various disorders, among 195 countries, in males and females, for 1990 to 2017.

Other Disorders							Musculoskeletal Disorders sub-categories						
	Year	Gender	Neoplasm	CVD	NeuroD	Injuries	MSK	Rheumatoid arthritis	Osteo arthritis	Low back pain	Neck pain	Gout	Other MSK
MDT	1990	Males	-0.075	-0.144	0.187	-0.141	0.500	0.311	0.423	0.280	0.241	0.325	0.244
	1995		-0.063	-0.200	0.123	-0.215	0.485	0.300	0.417	0.269	0.261	0.329	0.240
	2000		-0.067	-0.263	0.124	-0.117	0.479	0.331	0.432	0.252	0.240	0.330	0.232
	2005		-0.148	-0.312	0.091	-0.121	0.463	0.349	0.423	0.229	0.235	0.329	0.240
	2010		-0.182	-0.341	0.108	-0.158	0.449	0.362	0.408	0.208	0.248	0.327	0.259
	2015		-0.230	-0.361	0.090	-0.146	0.440	0.374	0.418	0.195	0.254	0.337	0.260
	2017		-0.235	-0.365	0.087	-0.155	0.438	0.383	0.429	0.192	0.255	0.344	0.256
MDT	1990	Females	0.024	-0.258	0.438	-0.071	0.448	0.539	0.437	0.351	0.261	0.219	0.151
	1995		0.007	-0.298	0.420	-0.131	0.439	0.545	0.413	0.342	0.262	0.213	0.139
	2000		-0.028	-0.341	0.414	-0.113	0.439	0.562	0.396	0.350	0.253	0.213	0.134
	2005		-0.128	-0.383	0.384	-0.136	0.434	0.570	0.386	0.342	0.248	0.227	0.139
	2010		-0.165	-0.402	0.392	-0.153	0.437	0.587	0.394	0.327	0.260	0.277	0.136
	2015		-0.202	-0.411	0.393	-0.153	0.432	0.613	0.391	0.328	0.267	0.279	0.117
	2017		-0.185	-0.414	0.396	-0.160	0.429	0.629	0.390	0.327	0.268	0.284	0.106

All significant correlations ($p < 0.05$) are in red.

CVD: Cardiovascular disorders; NeuroD: Neurological Disorders; MDT: Total Mental Disorders; MSK: Musculoskeletal Disorders; Other MSK: Other Musculoskeletal Disorders; DALYs: Disability-adjusted life-years

Supplementary Table S4. Spearman's correlation coefficients between age-standardized DALYs attributed to total mental disorders (MDT) and age-standardized DALYs attributed to various disorders, among 195 countries, in both sexes, by country's income categorization for 1990 to 2017.

		Other Disorders					Musculoskeletal Disorders sub-categories						
	Year	Income categories	Neoplasm	CVD	NeuroD	Injuries	MSK	Rheumatoid arthistis	Osteo arthritis	Low back pain	Neck pain	Gout	Other MSK
MDT	1990	Low income	-0.032	0.474	0.155	0.157	0.162	0.461	0.273	0.250	-0.125	-0.224	-0.037
	1995		0.108	0.505	0.168	0.079	0.085	0.464	0.212	0.198	-0.150	-0.315	-0.034
	2000		0.087	0.394	-0.079	0.319	0.066	0.497	0.221	0.199	-0.147	-0.278	-0.006
	2005		-0.118	0.242	-0.167	0.396	0.058	0.468	0.156	0.166	-0.098	-0.347	-0.009
	2010		-0.115	0.168	-0.156	0.184	0.088	0.482	0.141	0.166	-0.108	-0.301	0.062
	2015		-0.164	0.157	-0.182	0.351	0.058	0.477	0.141	0.145	-0.104	-0.315	0.064
	2017		-0.162	0.114	-0.203	0.269	0.029	0.482	0.141	0.126	-0.111	-0.328	0.045
MDT	1990	Lower & upper-middle income	-0.246	-0.108	0.425	0.141	0.175	0.429	0.232	0.061	-0.091	0.040	0.136
	1995		-0.247	-0.165	0.351	0.110	0.143	0.425	0.225	0.047	-0.056	0.045	0.136
	2000		-0.190	-0.202	0.366	0.146	0.139	0.437	0.194	0.053	-0.098	0.009	0.107
	2005		-0.252	-0.246	0.310	0.162	0.115	0.445	0.195	0.025	-0.110	-0.005	0.126
	2010		-0.266	-0.257	0.335	0.140	0.108	0.467	0.199	0.008	-0.106	-0.013	0.119
	2015		-0.273	-0.261	0.350	0.129	0.103	0.503	0.213	-0.001	-0.100	-0.006	0.106
	2017		-0.289	-0.263	0.347	0.106	0.101	0.516	0.222	-0.007	-0.097	0.005	0.093
MDT	1990	High income	0.057	-0.446	0.447	-0.206	0.735	0.441	0.440	0.436	0.482	0.578	0.004
	1995		0.026	-0.492	0.440	-0.311	0.750	0.460	0.434	0.392	0.491	0.593	0.013
	2000		-0.116	-0.467	0.448	-0.309	0.741	0.508	0.454	0.378	0.501	0.609	0.042
	2005		-0.203	-0.536	0.428	-0.390	0.723	0.528	0.446	0.365	0.487	0.626	0.028
	2010		-0.243	-0.569	0.463	-0.405	0.726	0.528	0.474	0.349	0.476	0.647	0.058
	2015		-0.284	-0.588	0.453	-0.401	0.723	0.523	0.475	0.332	0.479	0.654	0.058
	2017		-0.289	-0.584	0.482	-0.401	0.727	0.536	0.480	0.322	0.489	0.658	0.067

All significant correlations ($p < 0.05$) are in red.

CVD: Cardiovascular disorders; NeuroD: Neurological Disorders; MDT: Total Mental Disorders; MSK: Musculoskeletal Disorders; Other MSK: Other Musculoskeletal Disorders; DALYs: Disability-adjusted life-years

Supplementary Table S5. Spearman correlations between age-standardized YLDs attributed to musculoskeletal disorders and age-standardized YLDs attributed to various disorders, among 195 countries, in both sexes, for 1990 to 2017.

Contributed to various disorders among 200 countries, in both sexes, for 1990 to 2017																			
Other Disorders					Mental Disorders sub-categories														
Year	Neoplasms	CVD	NeuroD	Injuries	MDT	aMeAD	Depressive disorders	MDD	Dysthymia	Bipolar	Anxiety	EatingD	Autism disorders	ADHD	Conduct disorder	IDID	OMD	SZA	
MSK	1990	0.366	0.498	0.298	0.227	0.464	0.626	0.132	0.038	0.341	0.277	0.523	0.454	0.136	-0.321	0.028	0.083	0.465	0.601
	1995	0.351	0.439	0.313	0.221	0.449	0.609	0.111	0.028	0.326	0.282	0.504	0.460	0.148	-0.323	0.046	0.056	0.489	0.579
	2000	0.360	0.357	0.340	0.201	0.444	0.586	0.121	0.037	0.308	0.280	0.496	0.464	0.162	-0.299	0.043	0.027	0.481	0.563
	2005	0.375	0.309	0.354	0.228	0.427	0.569	0.114	0.032	0.317	0.267	0.488	0.453	0.168	-0.306	0.067	0.040	0.466	0.552
	2010	0.401	0.249	0.342	0.212	0.428	0.566	0.107	0.026	0.321	0.266	0.492	0.454	0.167	-0.309	0.054	0.048	0.448	0.542
	2015	0.405	0.218	0.328	0.251	0.427	0.559	0.106	0.022	0.331	0.264	0.484	0.447	0.176	-0.318	0.058	0.086	0.441	0.531
	2017	0.404	0.203	0.325	0.258	0.425	0.555	0.105	0.016	0.332	0.261	0.481	0.443	0.182	-0.321	0.054	0.098	0.439	0.527

All significant correlations ($p < 0.05$) are in red.

CVD: Cardiovascular disorders; NeuroD: Neurological Disorders; MDT: Total Mental Disorders; aMeAD: All Mental except Anxiety and Depressive disorders; Mental MDD: Major Depressive Disorders; ADHD: Attention deficit/hyperactivity disorder; IDID: Idiopathic Developmental Intellectual disability; EatingD: Anorexia or Bulimia nervosa; OMD: Other Mental Disorder; SZA: Schizophrenia; MSK: Musculoskeletal Disorders; YLDs: Years lived with Disability

Supplementary Table S6. Spearman correlations between age-standardized YLDs attributed to musculoskeletal disorders and age-standardized YLDs attributed to various disorders. among 195 countries, in males and females, for 1990 to 2017.

Other Disorders						Mental Disorders sub-categories														
Year	Gender	Neoplasms	CVD	NeuroD	Injuries	MDT	aMeAD	Depressive disorders	MDD	Dysthy mia	Bipolar	Anxiety	EatingD	Autism disorders	ADHD	Conduct disorder	IDID	OMD	SZA	
MSK	Female	1990	0.347	0.439	0.365	0.193	0.437	0.634	0.178	0.059	0.469	0.318	0.534	0.502	-0.081	-0.455	-0.244	0.084	0.232	0.696
		1995	0.356	0.374	0.369	0.199	0.425	0.627	0.151	0.035	0.466	0.323	0.527	0.509	-0.078	-0.447	-0.240	0.066	0.267	0.676
		2000	0.390	0.291	0.377	0.182	0.424	0.606	0.140	0.041	0.470	0.317	0.519	0.515	-0.072	-0.422	-0.239	0.034	0.264	0.673
		2005	0.417	0.226	0.389	0.204	0.415	0.588	0.141	0.037	0.472	0.302	0.506	0.505	-0.064	-0.420	-0.251	0.040	0.235	0.665
		2010	0.449	0.159	0.381	0.173	0.419	0.580	0.141	0.038	0.458	0.303	0.519	0.511	-0.065	-0.413	-0.238	0.074	0.203	0.661
		2015	0.449	0.130	0.375	0.178	0.415	0.572	0.135	0.032	0.458	0.304	0.519	0.512	-0.058	-0.418	-0.244	0.106	0.194	0.658
		2017	0.456	0.117	0.375	0.179	0.412	0.570	0.135	0.034	0.457	0.308	0.518	0.510	-0.048	-0.412	-0.244	0.126	0.184	0.657
MSK	Male	1990	0.356	0.510	0.177	0.269	0.477	0.495	0.143	0.114	0.183	0.170	0.522	0.387	0.236	-0.263	0.226	0.073	0.208	0.399
		1995	0.327	0.467	0.205	0.243	0.467	0.487	0.121	0.096	0.161	0.187	0.524	0.387	0.223	-0.264	0.229	0.044	0.238	0.398
		2000	0.325	0.396	0.216	0.238	0.455	0.461	0.113	0.091	0.137	0.190	0.523	0.383	0.248	-0.234	0.240	0.019	0.228	0.361
		2005	0.325	0.370	0.228	0.261	0.444	0.452	0.106	0.081	0.141	0.180	0.519	0.375	0.249	-0.228	0.274	0.039	0.212	0.338
		2010	0.342	0.340	0.221	0.251	0.434	0.439	0.093	0.069	0.160	0.168	0.526	0.360	0.253	-0.234	0.287	0.042	0.188	0.320
		2015	0.338	0.308	0.225	0.309	0.430	0.434	0.089	0.065	0.159	0.168	0.520	0.351	0.271	-0.236	0.299	0.061	0.162	0.293
		2017	0.342	0.293	0.227	0.327	0.425	0.436	0.086	0.060	0.157	0.169	0.512	0.352	0.282	-0.234	0.298	0.071	0.153	0.286

All significant correlations ($p < 0.05$) are in red.

CVD: Cardiovascular disorders; NeuroD: Neurological Disorders; MDT: Total Mental Disorders; aMeAD: All Mental except Anxiety and Depressive disorders; Mental MDD: Major Depressive Disorders; ADHD: Attention deficit/hyperactivity disorder; IDID: Idiopathic Developmental Intellectual disability; EatingD: Anorexia or Bulimia nervosa; OMD: Other Mental Disorder; SZA: Schizophrenia; MSK: Musculoskeletal Disorders; YLDs: Years lived with Disability

Supplementary Table S7. Spearman correlations between age-standardized YLDs attributed to musculoskeletal disorders and age-standardized YLDs attributed to various disorders, among 195 countries, in both sexes, by country's income categorization for 1990 to 2017.

		Other Disorders							Mental Disorders sub-categories											
	Year	Income Categories	Neoplasms	CVD	NeuroD	Injuries	MDT	aMeAD	Depressive disorders	MDD	Dysthymia	Bipolar	Anxiety	EatingD	Autism disorders	ADHD	Conduct disorder	IDID	OMD	SZA
MSK	1990	Low income	-0.515	0.281	0.657	-0.326	0.083	0.331	-0.114	-0.114	-0.431	0.297	0.106	0.452	-0.417	-0.340	0.208	0.052	0.078	0.509
	1995		-0.549	0.326	0.660	-0.390	0.031	0.388	-0.173	-0.172	-0.436	0.357	0.102	0.431	-0.353	-0.250	0.305	0.070	0.175	0.552
	2000		-0.445	0.361	0.669	-0.425	0.018	0.458	-0.098	-0.100	-0.396	0.339	0.082	0.418	-0.342	-0.284	0.296	0.072	0.203	0.582
	2005		-0.289	0.426	0.693	-0.417	0.016	0.506	-0.080	-0.089	-0.368	0.304	0.016	0.379	-0.343	-0.332	0.264	0.204	0.201	0.556
	2010		-0.263	0.447	0.707	-0.459	0.067	0.458	-0.036	-0.066	-0.405	0.269	0.018	0.406	-0.368	-0.369	0.212	0.160	0.036	0.525
	2015		-0.227	0.446	0.687	-0.325	0.030	0.466	-0.071	-0.073	-0.351	0.254	-0.037	0.359	-0.363	-0.409	0.249	0.177	0.029	0.507
	2017		-0.259	0.382	0.679	-0.357	0.009	0.447	-0.049	-0.058	-0.327	0.238	-0.056	0.330	-0.333	-0.397	0.275	0.142	-0.037	0.512
MSK	1990	Lower & upper-middle income	-0.033	0.569	0.114	0.110	0.142	0.219	0.040	-0.057	0.267	-0.155	0.301	-0.262	-0.517	-0.267	0.071	0.571	-0.019	0.330
	1995		-0.062	0.544	0.140	0.108	0.119	0.188	0.028	-0.056	0.249	-0.146	0.287	-0.244	-0.502	-0.274	0.052	0.604	0.061	0.308
	2000		-0.089	0.511	0.187	0.082	0.109	0.163	0.026	-0.059	0.212	-0.125	0.275	-0.215	-0.470	-0.238	0.064	0.587	0.049	0.289
	2005		-0.090	0.509	0.191	0.064	0.095	0.124	0.021	-0.062	0.228	-0.131	0.278	-0.224	-0.466	-0.251	0.062	0.590	0.020	0.293
	2010		-0.035	0.477	0.162	0.051	0.084	0.125	0.000	-0.081	0.242	-0.116	0.291	-0.223	-0.480	-0.250	0.051	0.600	0.017	0.298
	2015		-0.043	0.474	0.155	0.116	0.067	0.088	-0.016	-0.089	0.250	-0.118	0.284	-0.239	-0.473	-0.263	0.071	0.615	0.008	0.274
	2017		-0.039	0.471	0.156	0.139	0.073	0.066	-0.011	-0.090	0.251	-0.120	0.283	-0.250	-0.477	-0.266	0.059	0.603	0.002	0.259
	1990	High income	0.610	-0.220	0.450	0.290	0.724	0.702	0.505	0.375	0.514	0.344	0.641	0.637	0.652	-0.257	0.062	0.234	0.568	0.396
	1995		0.583	-0.280	0.423	0.308	0.740	0.682	0.506	0.403	0.493	0.337	0.637	0.612	0.647	-0.241	0.120	0.206	0.526	0.372
	2000		0.584	-0.342	0.450	0.312	0.733	0.677	0.513	0.411	0.467	0.335	0.639	0.621	0.634	-0.250	0.135	0.195	0.509	0.354
	2005		0.579	-0.361	0.460	0.326	0.720	0.655	0.562	0.447	0.487	0.313	0.624	0.591	0.637	-0.244	0.152	0.183	0.502	0.343

MSK	2010	0.545	-0.385	0.466	0.331	0.721	0.647	0.564	0.466	0.482	0.310	0.644	0.586	0.634	-0.246	0.133	0.140	0.501	0.331
	2015	0.528	-0.433	0.458	0.337	0.722	0.660	0.564	0.453	0.503	0.318	0.646	0.612	0.659	-0.233	0.146	0.178	0.490	0.330
	2017	0.534	-0.436	0.450	0.335	0.722	0.662	0.564	0.433	0.501	0.314	0.665	0.612	0.663	-0.237	0.126	0.209	0.504	0.329

All significant correlations ($p < 0.05$) are in red.

Country Income categorization is adopted the World Bank

CVD: Cardiovascular disorders; NeuroD: Neurological Disorders; MDT: Total Mental Disorders; aMeAD: All Mental except Anxiety and Depressive disorders; Mental MDD: Major Depressive Disorders; ADHD: Attention deficit/hyperactivity disorder; IDID: Idiopathic Developmental Intellectual disability; EatingD: Anorexia or Bulimia nervosa; OMD; Other Mental Disorder; SZA: Schizophrenia; MSK: Musculoskeletal Disorders; YLDs: Years lived with Disability