

**Supplementary File S1:** Study characteristics for the first research theme.

First research theme (About UGS characteristics and SWB)			Articles	
			Number	Percentage
Region	Europe		24	48%
	Asia		11	22%
	America		10	20%
	Oceania		5	10%
	Total		50	100%
Research content	Spatial characteristics		19	38%
	Green characteristics		15	30%
	Grey characteristics		9	18%
	Spatial characteristics、 Green characteristics、 Grey characteristics		4	8%
	Spatial characteristics、 Green characteristics		1	2%
	Green characteristics、 Grey characteristics		1	2%
	Spatial characteristics、 Grey characteristics		1	2%
	Total		50	100%
Research method	Quantitative	survey	12	68%
		questionnaire	10	
		Regression analysis	7	
		Cross-sectional	5	
	Qualitative	bibliometric method	7	30%
		Case study	2	
		Interviews	5	
		Meta analysis	1	
	Mixed method	Social prescribing approach	1	2%
Total			50	100%

**Supplementary File S2:** Study characteristics for the second research theme.

Second research theme (About UGS characteristics and SWB)			Articles	
			Number	Percentage
Region	Europe		5	48%
	Asia		3	22%
	America		3	20%
	Oceania		4	10%
	Total		15	100%
Research method	Quantitative	Survey	5	80%
		Questionnaire	3	
		Cohort study	1	
		Cross-sectional	1	
		Longitudinal Study	1	
		Ordinal regression	1	
	Qualitative	Review	1	20%
		Case study	1	
		Bibliometric approach	1	
		Total	15	100%