

## Social Engagement and Well-Being in Late Life: A Systematic Review

### Supplementary File 3. Additional Characteristics of Included Studies

Paper	Scientific Domain	Journal Country	Study Design	Social Engagement	Well-Being
Bae & Kim (2021)	Social and Behavioral Sciences + Health Sciences	Japan	- Longitudinal (6 Ws; 10 years) - Observational	Social activity Explicit definition	Satisfaction with life Explicit definition
Blace (2012)	NI	Canada	- Cross-sectional - Observational	Activity participation No conceptualisation	Satisfaction with life Conceptual discussion
Chan (2018)	Information and Journalism	U.S.A.	- Cross-sectional - Observational	Civic engagement Explicit definition	Positive affect; psychological WB Explicit definition
Clark & Lee (2021)	Social and Behavioral Sciences + Business Sciences	Netherlands	- Longitudinal (3 Ws; 18 years) - Observational	Social participation No conceptualisation	Happiness; eudaimonia Conceptual discussion
Fancourt & Steptoe (2018)	Social and Behavioral Sciences + Health Sciences	U.K.	- Longitudinal (2 Ws; 10 years) - Observational	Community group membership No conceptualisation	Satisfaction with life Explicit definition
Gautam <i>et al.</i> (2007)	Social Work	U.K.	- Cross-sectional - Observational	Activity Explicit definition	Satisfaction with life No conceptualisation
Gilmour (2012)	Health Sciences	Canada	- Cross-sectional - Observational	Social participation Explicit definition	Satisfaction with life No conceptualisation
Greenfield & Marks (2004)	Social and Behavioral Sciences	U.S.A.	- Cross-sectional - Observational	Volunteering Conceptual discussion	Positive affect; purpose in life Explicit definition
Hoshino <i>et al.</i> (2020)	Health Sciences	Japan	- Longitudinal (2 Ws; 5 years) - Observational	Social participation No conceptualisation	WB No conceptualisation
Hsu <i>et al.</i> (2016)	Health Sciences	U.K.	- Cross-sectional - Observational	Social connection Conceptual discussion	Happiness Explicit definition
Huxhold <i>et al.</i> (2013a)	Social and Behavioral Sciences + Social Work	U.S.A.	- Longitudinal (2 Ws; 6 years) - Observational	Social engagement Explicit definition	Satisfaction with life; positive affect Conceptual discussion
Huxhold <i>et al.</i> (2013b)	Social and Behavioral Sciences + Social Work	U.S.A.	-Longitudinal (2 Ws, 6 years) - Observational	Social activities Conceptual discussion	Satisfaction with life; positive affect Conceptual discussion
Jiang <i>et al.</i> (2019)	Social and Behavioral Sciences + Health Sciences	U.S.A.	- Longitudinal (3 Ws; 12 years) - Observational	Volunteering Conceptual discussion	Satisfaction with life No conceptualisation

Joe <i>et al.</i> (2019)	Social and Behavioral Sciences	U.K.	- Cross-sectional - Observational	Community involvement Conceptual discussion	Subjective WB No conceptualisation
Lai <i>et al.</i> (2021)	Social and Behavioral Sciences	Switzerland	- Cross-sectional - Observational	Community participation Explicit definition	Happiness No conceptualisation
Lee & Lee (2011)	Social Work	U.S.A.	- Cross-sectional - Observational	Social activities No conceptualisation	Satisfaction with life No conceptualisation
Lee & Lee (2013)	Social Work	U.S.A.	- Cross-sectional - Observational	Social engagement No conceptualisation	Satisfaction with life No conceptualisation
Lee & Choi (2020)	NI	Australia	- Cross-sectional - Observational	Social participation Explicit definition	Satisfaction with life No conceptualisation
Li <i>et al.</i> (2018)	Social and Behavioral Sciences	U.S.A.	- Cross-sectional - Observational	Social participation Conceptual discussion	Satisfaction with life Explicit definition
Li <i>et al.</i> (2013)	Health Sciences	U.S.A.	- Longitudinal (3 Ws, 8 years) - Observational	Volunteering Conceptual discussion	Satisfaction with life No conceptualisation
Litwin & Stoeckel (2013)	Social Work	U.K.	- Cross-sectional - Observational	Social engagement Conceptual discussion	Satisfaction with life Explicit Definition
Lu <i>et al.</i> (2021)	Health Sciences	U.S.A.	- Longitudinal (2 Ws; 11 years) - Observational	Social participation No conceptualisation	Satisfaction with life Conceptual discussion
Mair & Thivierge-Rikard (2010)	Social and Behavioral Sciences	U.S.A.	- Cross-sectional - Observational	Social ties Explicit definition	WB Conceptual discussion
Matthews & Nazroo (2021)	Social and Behavioral Sciences	U.S.A.	- Longitudinal (2 Ws; 2 years) - Observational	Volunteering Explicit definition	Satisfaction with life Conceptual discussion
McMunn <i>et al.</i> (2009)	Social and Behavioral Sciences + Health Sciences	U.K.	- Cross-sectional - Observational	Socially-productive activities Explicit definition	Satisfaction with life Conceptual discussion
Okabayashi & Hougham (2014)	Social and Behavioral Sciences + Health Sciences	U.K.	- Longitudinal (3 Ws; 3 years) - Observational	Social participation No conceptualisation	Satisfaction with life Conceptual discussion
Palma-Candia <i>et al.</i> (2016)	Social and Behavioral Sciences + Health Sciences	Chile	- Cross-sectional - Observational	Social participation No conceptualisation	Psychological WB Explicit definition
Pettigrew <i>et al.</i> (2020)	Social and Behavioral Sciences + Health Sciences	Germany	- Longitudinal (2 Ws; 6 months) - Experimental (RCT)	Volunteering Explicit definition	Satisfaction with life; purpose in life; personal growth No conceptualisation

Pilliavin & Siegl (2007)	Social and Behavioral Sciences	U.S.A.	- Longitudinal (3 Ws; 29 years) - Observational	Volunteering Explicit definition	Psychological WB Explicit definition
Pilkington <i>et al.</i> (2012)	Health Sciences	U.S.A.	- Cross-sectional - Observational	Volunteering Explicit definition	Satisfaction with life; Positive affect No conceptualisation
Ponce <i>et al.</i> (2014)	Social and Behavioral Sciences	Brazil	- Cross-sectional - Observational	Social participation Explicit definition	Satisfaction with life No conceptualisation
Ryu & Heo (2018)	Personal Services	U.K.	- Cross-sectional - Observational	Leisure Conceptual discussion	Satisfaction with life Conceptual discussion
Srivastava <i>et al.</i> (2021a)	Social and Behavioral Sciences + Health Sciences	India	- Cross-sectional - Observational	Community involvement No conceptualisation	Subjective WB No conceptualisation
Srivastava <i>et al.</i> (2021b)	Social and Behavioral Sciences	U.K.	- Cross-sectional - Observational	Community involvement No conceptualisation	Subjective WB No conceptualisation
Tang <i>et al.</i> (2019)	Social Work	U.K.	- Cross-sectional - Observational	Social engagement Conceptual discussion	Satisfaction with life; happiness Explicit definition
Toohey <i>et al.</i> (2018)	Social Work + Health Sciences	Canada	- Cross-sectional - Observational	Social participation Explicit definition	Satisfaction with life No conceptualisation
Tosheva (2020)	Social and Behavioral Sciences	Chile	- Cross-sectional - Observational	Social participation Explicit definition	Satisfaction with life No conceptualisation
Van Willigen (2000)	Social and Behavioral Sciences	U.S.A.	- Longitudinal (2 Ws, 3 years) - Observational	Volunteering Explicit definition	Satisfaction with life Conceptual discussion
Vozikaki <i>et al.</i> (2017)	Health Sciences	Netherlands	- Cross-sectional - Observational	Activity participation Explicit definition	Satisfaction with life Conceptual discussion
Windsor <i>et al.</i> (2008)	Health Sciences	U.S.A.	- Cross-sectional - Observational	Volunteering Explicit definition	Satisfaction with life; positive affect No conceptualisation
Yang & Pang (2018)	Social and Behavioral Sciences + Social Work	U.K.	- Cross-sectional - Observational	Social activities Conceptual discussion	Satisfaction with life Explicit definition
Zhang <i>et al.</i> (2015)	Social and Behavioral Sciences	U.S.A.	- Cross-sectional - Observational	Social engagement Explicit definition	Psychological WB No conceptualisation

*Note.* In the *Social Engagement* column, the first line refers to the concept's main designation and the second line to how the exposure is conceptualised. In the *Well-Being* column, the

first line displays the outcome(s) used to operationalise well-being and the second line how well-being is conceptualised. Ws = Number of waves in longitudinal studies; WB = Well-being.