

SUPPLEMENT

Supplementary information for: Assessing the structures and domains of wellness models: A systematic review

Krista Kauppi · Antero Vanhala · Eira Roos · Paulus Torkki

Supplement: Evolution of models

	1970-1979		1980-1989					
	Hadley (1974)	Lafferty (1979)	Travis (1981)	Tulloch and Healy (1982)	National Wellness Institute (1983)	(1)	Greenberg (1985)	Ardell (1986)
Economical	0	0	0	0	0	0	0	0
Emotional	2	1	1	1	2	1	1	1
Environmental	1	0	0	1	0	0	0	0
Health behavior	1	0	0	1	3	0	0	0
Healthcare	0	0	0	0	0	0	0	0
Intellectual	1	1	0	0	1	0	0	0
Life satisfaction	0	0	0	0	0	0	0	0
Miscellaneous	5	0	1	0	0	0	0	0
Occupational	0	0	1	0	1	0	0	0
Physical	2	1	4	2	2	1	1	1
Psychological	7	0	1	1	0	1	1	1
Social	2	1	2	0	1	1	1	1
Spiritual	0	1	2	0	1	1	1	1
Values and ideology	1	0	0	0	0	0	0	0
Number of themes	9	5	7	5	7	5	5	
Sum of dimensions	22	5	12	6	11	5	5	



	1990-1999							
	Blaxter (1990) (2)	Wheeler (1991)	Witmer and Sweeney (1992)	Crose et al. (1992)	National Wellness Institute (1992) (3)	Depken (1994)	Adams et al. (1997)	Wilcock et al. (1998)
Economical	0	1	0	0	0	0	0	1
Emotional	1	5	2	2	1	0	0	1
Environmental	0	2	0	0	2	1	0	0
Health behavior	1	3	0	1	1	0	0	0
Healthcare	0	0	0	3	0	0	0	0
Intellectual	0	0	1	3	1	1	1	0
Life satisfaction	0	0	0	1	0	0	0	0
Miscellaneous	0	1	0	0	0	0	0	0
Occupational	0	2	1	4	1	1	0	1
Physical	4	5	1	2	1	1	1	2
Psychological	0	6	3	2	0	0	2	2
Social	2	1	2	4	2	1	1	1
Spiritual	0	2	1	3	1	1	1	1
Values and ideology	0	2	0	0	0	0	0	0
Number of themes	4	11	7	10	8	6	5	7
Sum of dimensions	8	30	11	25	10	6	6	9

	2000-2009										
	Bell et al. (2004)	Myers et al. (2000)	Renger et al. (2000)	Hattie et al. (2004)	Myers et al. (2004)	Saylor	Sinclair et al. (2005)	Anspaugh et al. (2006) (4)	Gallup Healthways (2009) (5)	Kirsten et al. (2009)	Roscoe
Economical	0	0	0	0	0	0	0	0	0	0	0
Emotional	1	3	0	3	0	2	2	1	1	1	1
Environmental	0	0	2	0	0	0	0	1	0	3	1
Health behavior	0	1	2	1	0	0	0	0	1	0	0
Healthcare	0	0	0	0	0	0	0	0	1	0	0
Intellectual	0	1	2	1	1	0	0	1	0	1	1
Life satisfaction	0	0	0	0	0	0	0	0	1	0	0
Miscellaneous	0	0	3	0	0	0	0	0	0	4	0
Occupational	0	2	1	2	0	1	0	1	1	0	1
Physical	1	2	2	2	1	3	1	1	1	2	1
Psychological	1	6	5	5	0	1	0	0	0	2	0
Social	1	2	5	2	1	1	1	1	0	1	1
Spiritual	1	1	2	1	1	1	0	1	0	6	1
Values and ideology	0	0	0	0	0	0	0	0	0	3	0
Number of themes	5	8	9	8	4	6	3	7	6	9	7
Sum of dimensions	5	18	24	17	4	9	4	7	6	23	7

	2010-2020 (Part 1)								
	White (2010)	Ardell (2011)	Seppälä et al. (2012)	International Wellbeing Group (2013) (6)	Henriques et al. (2014)	Supranowic z and Paź (2014)	Charlemange- Badal et al. (2015)	Prilleltensky et al. (2015)	Žižek et al. (2015)
Economical	5	0	0	2	0	0	1	1	1
Emotional	0	3	1	0	0	8	1	0	0
Environmental	6	0	1	2	1	1	1	1	0
Health behavior	0	1	1	0	0	0	1	0	0
Healthcare	3	0	2	0	0	0	1	0	0
Intellectual	1	0	0	0	0	0	2	0	0
Life satisfaction	0	0	0	0	1	0	1	0	0
Miscellaneous	1	1	0	0	0	0	0	1	0
Occupational	1	1	1	1	0	0	2	1	0
Physical	1	4	0	1	1	7	3	1	1
Psychological	2	2	0	0	1	2	0	1	1
Social	4	1	1	1	1	3	1	1	1
Spiritual	1	1	0	1	0	0	1	0	1
Values and ideology	0	0	0	0	1	0	0	0	0
Number of themes	10	8	6	6	6	5	11	7	5
Sum of dimensions	25	14	7	8	6	21	15	7	5

	2010-2020 (Part 2)									
	Dossey (2015) (7)	De Vries et al. (2016)	Linton et al. (2016)	Zhou et al. (2017)	Lui and Fernando (2018)	Skevington and Böhnke (2018)	Ali et al. (2018)	Naidoo (2019)	Voukelatou et al. (2020)	Total
Economical	0	0	0	1	1	1	1	1	2	19
Emotional	1	2	0	0	1	1	3	0	0	57
Environmental	1	0	1	0	0	1	4	2	4	40
Health behavior	1	0	0	0	0	0	2	0	0	22
Healthcare	0	0	0	0	0	1	1	0	0	12
Intellectual	0	0	0	0	0	0	3	0	0	24
Life satisfaction	1	0	0	0	0	0	0	0	0	5
Miscellaneous	0	0	0	1	0	0	0	0	1	19
Occupational	0	0	0	0	0	1	2	0	1	32
Physical	3	1	2	1	1	3	3	1	2	83
Psychological	1	2	1	0	0	1	6	1	0	67
Social	1	0	1	1	1	3	3	1	1	64
Spiritual	1	0	1	1	1	2	1	0	0	43
Values and ideology	0	0	0	0	0	0	0	0	0	7
Number of themes	8	3	5	5	5	9	11	5	6	
Sum of dimensions	10	5	6	5	5	14	29	6	11	494

Note. *Referenced by (1) Brown and Applegate 2012, (2) Wilcock et al. 1998, (3) Brown et al. 2015, (4) Agarwal et al. 2016, (5) Arora et al. 2016, (6) Jovanović et al. 2019 (7) McElligott et al. 2018. Totals in the last table are from all tables together.

Conflict of interest statement

The authors report no conflicts of interest. This research received no specific grant from any funding agency in the public, commercial, or not-for-profit sectors.

Data availability statement

Data can be accessed by contacting the corresponding author by email.

Authors

Krista Kauppi

The University of Helsinki

krista.kauppi@helsinki.fi

Antero Vanhala

The University of Helsinki

Eira Roos

The University of Helsinki

Paulus Torkki

The University of Helsinki

Publishing Timeline

Received 13 October 2022

Revised version received 13 March 2023

Accepted 19 March 2023

Published 13 June 2023