

Additional file 1. Complete results for mediation pathways between loneliness (UCLA-3) and social connectedness (SCS-R) with presence of and search for meaning in life (MLQ) and purpose in life (LET) as potential mediators. UCLA-3 = UCLA Loneliness Scale, MLQ-P = Presence of meaning in life, MLQ-S = Search for meaning in life, LET = Life Engagement Test, SCS-R = Social Connectedness Scale - Revised.

Indirect and Total Effects

Type	Effect	Estimate	SE	95% C.I. (a)			z	p
				Lower	Upper	β		
Indirect	UCLA-3 \Rightarrow MLQ-P \Rightarrow SCS-R	-0.5859	0.1602	-0.9358	-0.259	-0.05839	-3.66	<.001
	UCLA-3 \Rightarrow MLQ-S \Rightarrow SCS-R	0.0820	0.0513	-0.0129	0.196	0.00817	1.60	0.110
	UCLA-3 \Rightarrow LET \Rightarrow SCS-R	-1.3779	0.2147	-1.8294	-0.923	-0.13734	-6.42	<.001
Component	UCLA-3 \Rightarrow MLQ-P	-1.4579	0.1293	-1.7217	-1.162	-0.40635	-11.28	<.001
	MLQ-P \Rightarrow SCS-R	0.4019	0.1040	0.1855	0.622	0.14371	3.87	<.001
	UCLA-3 \Rightarrow MLQ-S	0.6980	0.1516	0.3950	0.990	0.17868	4.60	<.001
	MLQ-S \Rightarrow SCS-R	0.1175	0.0689	-0.0201	0.248	0.04575	1.70	0.088
	UCLA-3 \Rightarrow LET	-1.2276	0.0857	-1.4029	-1.039	-0.49181	-14.32	<.001
	LET \Rightarrow SCS-R	1.1224	0.1563	0.7951	1.459	0.27925	7.18	<.001
Direct	UCLA-3 \Rightarrow SCS-R	-4.9001	0.2997	-5.6003	-4.181	-0.48841	-16.35	<.001
Total	UCLA-3 \Rightarrow SCS-R	-6.7819	0.2918	-7.3639	-6.220	-0.67597	-23.24	<.001

Note. Confidence intervals computed with method: Bootstrap percentiles

Note. Betas are completely standardized effect sizes