

MULTIMEDIA APPENDIX 3

Model of the effect of interactivity on meaning.

Endogenous variable	Standardized Disturbance	Explained Variance (R^2)		
Meaning T2	.48	.52		
HO T2	.47	.53		
Measurement model	Loading	Reliability		
L Meaning T1 to Item1 T1	.78	.60		
L Meaning T1 to Item2 T1	.85	.72		
L Meaning T1 to Item3 T1	.82	.67		
L Meaning T2 to Item1 T2	.70	.50		
L Meaning T2 to Item2 T2	.88	.77		
L Meaning T2 to Item3 T2	.87	.75		
Structural model				
Effects	B	P value	B 95% CI	b
Meaning T1 to Meaning T2	.53	< .001	.31 to .79	.67
Age to Meaning T2	-.009	.06	-.02 to .002	-.12
YD to Meaning T2	-.007	.43	-.04 to .12	-.04
HO T1 to HO T2	.68	< .001	.58 to .78	.69
Meaning T2 to HO T2	-.49	< .001	-.91 to -.22	-.20
Mean differences				
G1 vs. G2	.07	.50	-.12 to .37	-
G1 vs. G3	.21	.02	.01 to .48	-
G2 vs. G3	.14	.14	-.14 to .40	-

Notes:

PT = product-term, T1 = pre-test, T2 = post-test, YD = years since first diagnosis, HO = health outcomes, G1/G2/G3 = experimental groups, B = unstandardized coefficient, b = standardized coefficient, CI = confidence interval.

Bollen-Stine p-value = .618; CFI = .99; RMSEA = .035; p-value for close fit = .738; Standardized RMR = .032. No theoretically meaningful modification indices > 4 and no values > 1.96 in the standardized residuals covariance matrix.