

## Multimedia Appendix 2

Multimedia Appendix Table 2: Factor loading and residual error estimates for the confirmatory factor analysis of the 7-item model

Factor Variable	Factor loadings (95% CI)	Error estimates (95% CI)	IR <sup>a</sup>	CR <sup>b</sup>	VEE <sup>c</sup>
<b>Awareness</b>					
I know what health resources are available on the internet	0.85 (0.80 to 0.89) <sup>e</sup>	.28 (.20 to .36) <sup>e</sup>	.72	.89	.80
I know where to find helpful health resources on the internet	0.94 (0.90 to 0.98) <sup>e</sup>	.12 (.05 to .19) <sup>f</sup>	.89		
<b>Skills</b>					
I know how to use the internet to answer my questions about health	0.90 (0.86 to 0.93) <sup>e</sup>	.20 (.14 to .25) <sup>e</sup>	.80	.90	.82
I know how to use the information I find on the internet to help me	0.92 (0.89 to 0.94) <sup>e</sup>	.16 (.11 to .22) <sup>e</sup>	.84		
<b>Evaluate</b>					
I have the skills I need to evaluate the health resources I find on the internet	0.89 (0.86 to 0.93) <sup>e</sup>	.21 (.14 to .27) <sup>e</sup>	.79	.89	.72
I can tell high quality from low quality health resources on the internet	0.86 (0.82 to 0.90) <sup>e</sup>	.26 (.19 to .33) <sup>e</sup>	.74		
I feel confident in using information from the internet to make health decisions	0.80 (0.75 to 0.85) <sup>e</sup>	.36 (.28 to .44) <sup>e</sup>	.64		

<sup>a</sup> IR: Indicator Reliability

<sup>b</sup> CR: Composite Reliability

<sup>c</sup> VEE: Variance Extracted Estimate

<sup>e</sup>  $P < .001$

<sup>f</sup>  $P = .001$