

**Table S1 Model fit information for latent profile analysis by number of estimated profiles**

Latent profile	Model fit statistics					VLMR		
	LL	AIC	BIC	a-BIC	Entropy	Mean	SD	<i>P</i>
1	-14929.367	29922.734	30033.304	29931.879	—	—	—	—
2	-14453.518	29005.035	29174.346	29019.038	0.998	2.988	517.563	0.020
3	-14189.138	28510.276	28738.327	28529.137	0.908	6109.402	7408.418	0.920
4	-14004.790	28175.579	28462.371	28199.299	0.903	-5163.758	7377.273	0.227
5	-13849.154	27898.309	28243.841	27926.886	0.927	177.897	579.671	0.409

LL, log-likelihood; AIC, Akaike information criterion; BIC, Bayesian information criterion; a-BIC, sample-size-adjusted Bayesian information criterion; VLMR, Vuong-Lo-Mendell-Rubin likelihood ratio test.