

Supplemental Material S2

Fit Statistics of the LPA Models

| Model | Classes (<i>N</i>) | Log-likelihood | Degrees of freedom | AIC | BIC | Entropy |
|------------|----------------------|------------------|--------------------|-----------------|-----------------|--------------|
| CID | 1 | -2864.455 | 8 | 5744.910 | 5771.296 | - |
| CVD | 1 | -2864.455 | 8 | 5744.910 | 5771.296 | - |
| CIU | 1 | -2632.496 | 4 | 5292.991 | 5339.168 | - |
| CVU | 1 | -2632.496 | 14 | 5292.991 | 5339.168 | - |
| CID | 2 | -2688.901 | 13 | 5403.802 | 5446.680 | 0.940 |
| CVD | 2 | -2468.245 | 17 | 4970.491 | 5026.562 | 0.961 |
| CIU | 2 | -2581.716 | 19 | 5201.432 | 5264.100 | 0.922 |
| CID | 3 | -2560.029 | 18 | 5156.058 | 5215.427 | 0.944 |
| CVD | 3 | -2325.782 | 26 | 4703.565 | 4789.321 | 0.937 |
| CID | 4 | -2464.205 | 23 | 4974.410 | 5050.272 | 0.966 |
| CIU | 4 | -2414.027 | 29 | 4886.055 | 4981.706 | 0.944 |
| CID | 5 | -2410.478 | 28 | 4876.957 | 4969.310 | 0.972 |
| CIU | 5 | -2373.912 | 34 | 4815.825 | 4927.968 | 0.969 |

Note. LPA = latent profile analysis; AIC = Akaike's information criteria; BIC = Bayesian information criteria; CID = class-invariant diagonal, that is, uncorrelated items and equal indicator variances across classes; CVD = class-varying diagonal, that is, uncorrelated items and freely estimated indicator variances across classes; CIU = class-invariant unrestricted, that is, correlated items and equal indicator variances across classes; CVU = class-varying unrestricted, that is, correlated items and freely estimated indicator variances across classes. Only models that achieved convergence are reported.