**S2 Table. Fit statistics and number of individuals per class for latent class models for two to seven classes.**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Number of classes** | **AIC** | **BICa** | **Entropyb** | **N1** | **N2** | **N3** | **N4** | **N5** | **N6** | **N7** | **p-valuec** |
| 2 | 16396.1 | 16466 | 0.709 | 335 | 267 |  |  |  |  |  | <0.001 |
| 3 | 16331.6 | 16437 | 0.751 | 328 | 121 | 153 |  |  |  |  | <0.001 |
| 4 | 16303.2 | 16444.1 | 0.751 | 112 | 299 | 73 | 118 |  |  |  | <0.001 |
| 5 | 16288.3 | 16464.8 | 0.731 | 107 | 54 | 132 | 203 | 106 |  |  | 0.03 |
| 6 | 16276.5 | 16488.4 | 0.783 | 223 | 134 | 109 | 43 | 43 | 50 |  | 0.0128 |
| 7 | 16284.5 | 16532.1 | 0.764 | 77 | 103 | 134 | 38 | 88 | 26 | 136 | 1 |

Abbreviations: AIC, Akaike information criterion; BIC, Bayesian information criterion.

a Adjusted for sample size

b Entropy is a measure of class separation with higher values indicating better separation.

c By the parametric bootstrapped likelihood ratio test, testing whether increasing the number of classes provides improved model fit compared to a model using one fewer class.