Table 2 Comparison of latent transition analysis models with different latent statuses based on model selection statistics

No. of latent statuses	No. of parameters estimated	G^2	df	Maximum log-likelihood	AIC	BIC
2	65	7483.1	9934	–15268.9	7613.1	8039.2
3	104	3708.2	9895	–13381.5	3916.2	4598.0
4	147	3192.7	9852	–13123.7	3486.7	4450.4
5	195	2785.7	9805	–12920.2	3137.7	4445.5
6	245	2482.7	9754	–12768.8	2972.7	4578.9
7	300	2341.8	9699	–12698.3	2941.9	4908.6
8	359	1359.2	9640	–12306.9	2077.2	4430.7
9	422	926.7	9577	–11866.7	1770.7	4537.3
10	489	1327.5	9510	–12191.1	2305.4	5511.3

df = degrees of freedom; AIC = Akaike information criterion; BIC = Bayesian information criterion.