

Table 3 Results of latent transition analysis model with 9 statuses: prevalence of latent classes at time 1 (at baseline) and time 2 (after 12 months), and item-response probabilities constrained to be equal in the 2 time periods for the 4 smoking indicators

Variable	Latent status								
	Committer	Immotive	Progressive	Contemplator	Preparator	Tried	Experimenter	Regular smoker	Daily smoker
Prevalence of class									
<i>Time period</i>									
Time 1	0.751	0.010	0.013	0.017	0.005	0.116	0.040	0.006	0.048
Time 2	0.668	0.003	0.011	0.014	0.001	0.145	0.062	0.024	0.071
Item-response probabilities									
<i>Smoking status</i>									
Never smoked	1.000	0.972	1.000	0.989	0.824	0.000	0.000	0.000	0.000
Tried only a puff or 1–2 cigarettes	0.000	0.028	0.000	0.011	0.136	0.996	0.000	0.000	0.000
Smoked > 2 but < 100 cigarettes in lifetime	0.000	0.000	0.000	0.000	0.031	0.004	0.989	0.000	0.053
Smoke occasionally, at least monthly, and > 100 cigarettes in lifetime	0.000	0.000	0.000	0.000	0.009	0.000	0.009	0.781	0.180
Smoke daily or almost every day	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.219	0.767
<i>Intention to start smoking</i>									
Sure to never start smoking	0.993	0.071	0.097	0.088	0.000	0.200	0.200	0.200	0.200
Plan to start smoking in next 5 years	0.005	0.929	0.043	0.000	0.000	0.200	0.200	0.200	0.200
Plan to start smoking in next 5 years, but not in next 6 months	0.001	0.000	0.830	0.021	0.056	0.200	0.200	0.200	0.200
Plan to start smoking in next 6 months	0.000	0.000	0.009	0.830	0.062	0.200	0.200	0.200	0.200
Plan to start smoking next month	0.001	0.000	0.021	0.061	0.882	0.200	0.200	0.200	0.200
<i>Smoked in past month</i>									
No	1.000	0.998	0.999	1.000	0.981	0.870	0.444	0.299	0.179
Yes	0.000	0.012	0.001	0.000	0.019	0.130	0.556	0.701	0.821
<i>Smoked in past week</i>									
No	1.000	0.998	1.000	1.000	0.980	0.983	0.952	0.390	0.131
Yes	0.000	0.002	0.000	0.000	0.020	0.017	0.048	0.610	0.869