

Supplementary Material for the Article:

Cigarette use trajectories in young adults: analyses of predictors across system levels

This material supplements, but does not replace, the peer-reviewed paper in

Drug and Alcohol Dependence.

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Supplementary Table 1. GMM Fit Indicators and Average Posterior Probabilities

Number of classes	AIC	BIC	Entropy	Average posterior probabilities						
				1	2	3	4	5	6	
1 w/ 40 starts	7281.60	7311.58								
2 w/40 starts	7264.90	7312.86	0.776	93.21	6.79					
3 w/ 80 starts	7263.57	7329.52	0.650	8.20	85.59	6.22				
4 w/ 40 starts	7264.06	7348.00	0.814	90.08	1.81	4.76	3.34			
5 w/ 80 starts	7263.36	7365.28	0.698	4.31	3.78	3.67	83.25	4.99		
6 w/ 80 starts	7262.95	7382.86	0.683	1.40	6.52	4.55	80.28	24.48	4.81	

Note: Models with 7 and 8 classes did not converge after more than 15 hours runtime.