

Table S2. Diagnostics of model performance

Trajectory group	AvePP	OCC	P	π	$ P-\pi $
LNWG (n = 652)	0.925	52.4	0.18746	0.18998	0.002
HNWG (n = 1,458)	0.905	13.4	0.41920	0.41513	0.004
OWG (n = 1,074)	0.912	23.1	0.30879	0.30959	0.0008
OG (n = 294)	0.945	185.1	0.08453	0.08529	0.0008

AvePP, average posterior probability; OCC, odds of correct classification; P, actual proportion of subjects assigned to each trajectory group using the maximum probability rule; π , posterior probability of group membership; LNWG, low normal weight, decreasing group; HNWG, high normal weight, decreasing group; OWG, overweight, stable group; OG, obese, stable group.