

Table s1: Evaluate Fit of the Unconditional LCGA Models

Number of Groups	Lowest BIC	Null Model	BIC Difference
1	776.64		
2	749.12	1	-27.52
3	752.78	2	3.66

Table s2: Group Trajectories Parameter Estimates, Standard Errors, and p-values of the Final Model

Group	Parameter	Estimate	Standard Error	p-value
1	Intercept	7.97	2.33	0.009
2	Intercept	33.92	1.79	<0.001
	Sigma	12.10	0.97	<0.001

Table s3: Risk factor parameter estimates, standard errors, and p-values

Parameter	Estimate	Standard Error	p-value
Intercept	5.02	7.58	0.51
Patient's APACHE score	0.03	0.11	0.80
Caregiver's age	-0.15	0.11	0.17
Caregiver's HADS score	0.40	0.21	0.07