Table 2. Model Fit Statistics for LPA Models Step 1-3.

Class (L1)	Class (L2)	BIC	ΔBIC	LL	AIC	ΔAIC	Npar	Entropy(L1)	Size of smallest P (L1)	Size of smallest P (L2)
				Step1: Model Fit Statistics for LPA Models with Different Numbers of Level 1 Profiles (and One Level 2 Profile).						
1	1	207234.509		-103527.85	207095.699		20	1	1	
2	1	196912.443	10322.066	-108705.326	196697.287	10398.412	31	0.957	0.233	
3	1	191977.646	4934.797	-95801.072	191686.145	5011.142	42	0.948	0.158	
4	1	187544.41	4433.236	-103910.989	187176.563	4509.582	53	0.967	0.079	
5	1	185330.383	2214.027	-92379.096	184886.191	2290.372	64	0.965	0.028	
6	1	183186.632	2143.751	-91258.048	182666.095	2220.096	75	0.972	0.012	
7	1	181651.191	1535.441	-90441.154	181054.308	1611.787	86	0.921	0.012	
8	**1**	**179624.157**	**2027.034**	**-89378.464**	**178950.929**	**2103.379**	**97**	**0.921**	**0.012**	
9	1	178422.983	1201.174	-88728.704	177673.409	1277.52	108	0.914	0.012	
10	1	177525.255	897.728	-88230.668	176699.336	974.073	119	0.896	0.012	
				Step 2: Model Fit Statistics for ML-LPA Models with Different Numbers of Level 2 Profiles (and Eight Level 1 Profiles).						
8	1	179624.157		-89378.464	178950.929		97	0.921		1
8	2	174435.67	5188.487	-86748.459	173706.917	5244.012	105	0.932		0.466
8	3	172634.256	1801.414	-85811.99	171849.98	1856.937	113	0.952		0.288
8	4	171634.298	999.958	-85276.249	170794.498	1055.482	121	0.955		0.159
8	5	170901.255	733.043	-95149.382	170005.931	788.567	129	0.952		0.087
8	6	170455.686	445.569	-84615.419	169504.837	501.094	137	0.955		0.040
8	**7**	**170096.119**	**359.567**	**-94662.441**	**169089.747**	**415.09**	**145**	**0.955**		**0.040**
8	8	169937.376	158.743	-84284.74	168875.48	214.267	153	0.954		0.040

8	9	169857.042	80.334	-94488.084	168739.621	135.859	161	0.956		0.018
8	10	169836.679	20.363	-84162.867	168663.735	75.886	169	0.956		0.018
Step 3: Model Fit Statistics for ML-LPA Models with Different Numbers of Level 1 Profiles (and Seven Level 2 Profiles).										
1	7	207288.152		-103527.85	207107.699		26	0.615		1
2	7	191976.897	15311.255	-95796.228	191678.456	15429.243	43	0.796	0.442	
3	7	185115.851	6861.046	-92289.711	184699.422	6979.034	60	0.909	0.174	
4	7	180158.948	4956.903	-89735.265	179624.53	5074.892	77	0.949	0.080	
5	7	177203.091	2955.857	-88181.342	176550.684	3073.846	94	0.954	0.029	
6	7	174593.325	2609.766	-86800.465	173822.93	2727.754	111	0.954	0.028	
7	7	172499.884	2093.441	-85677.75	171611.5	2211.43	128	0.955	0.013	
8	**7**	**170096.119**	**2403.765**	**-94662.441**	**169089.747**	**2521.753**	**145**	**0.955**	**0.013**	
9	7	168830.08	1266.039	-83690.86	167705.719	1384.028	162	0.956	0.013	
10	7	167770.201	1059.879	-83084.926	166527.852	1177.867	179	0.941	0.013	

Note. LL = log-likelihood. L1 = Level 1; L2 = Level 2. P = Profile(s); Bold numbers show best profile solution.