

# MODEL FIT INFORMATION

Number of Free Parameters 38

## Loglikelihood

H0 Value -8384.775  
H0 Scaling Correction Factor 1.0013  
for MLR

## Information Criteria

Akaike (AIC) 16845.550  
Bayesian (BIC) 17032.045  
Sample-Size Adjusted BIC 16911.355  
( $n^* = (n + 2) / 24$ )

## FINAL CLASS COUNTS AND PROPORTIONS FOR THE LATENT CLASSES BASED ON THE ESTIMATED MODEL

### Latent Classes

1	256.53930	0.25654
2	263.47007	0.26347
3	232.10994	0.23211
4	147.95739	0.14796
5	99.92331	0.09992

## MODEL RESULTS

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
Latent Class 1				
Means				
AGREE	-1.963	0.061	-31.960	0.000
CONSC	1.907	0.071	26.929	0.000
EXTRO	-1.990	0.063	-31.634	0.000
NEURO	1.990	0.064	30.958	0.000
OPEN	-1.937	0.065	-29.654	0.000
Variances				
AGREE	1.049	0.059	17.832	0.000
CONSC	1.054	0.048	22.047	0.000
EXTRO	0.987	0.052	18.831	0.000
NEURO	0.932	0.050	18.489	0.000
OPEN	0.975	0.045	21.682	0.000

#### Latent Class 2

##### Means

AGREE	-0.989	0.090	-10.985	0.000
CONSC	0.981	0.070	14.056	0.000
EXTRO	-1.098	0.076	-14.486	0.000
NEURO	-1.041	0.070	-14.791	0.000
OPEN	1.053	0.067	15.719	0.000

##### Variances

AGREE	1.049	0.059	17.832	0.000
CONSC	1.054	0.048	22.047	0.000
EXTRO	0.987	0.052	18.831	0.000
NEURO	0.932	0.050	18.489	0.000
OPEN	0.975	0.045	21.682	0.000

#### Latent Class 3

##### Means

AGREE	2.127	0.067	31.701	0.000
CONSC	-1.917	0.069	-27.603	0.000
EXTRO	1.992	0.062	32.246	0.000
NEURO	-2.041	0.064	-32.116	0.000
OPEN	1.978	0.068	29.178	0.000

##### Variances

AGREE	1.049	0.059	17.832	0.000
CONSC	1.054	0.048	22.047	0.000
EXTRO	0.987	0.052	18.831	0.000
NEURO	0.932	0.050	18.489	0.000
OPEN	0.975	0.045	21.682	0.000

#### Latent Class 4

##### Means

AGREE	0.924	0.116	7.940	0.000
CONSC	1.234	0.095	13.015	0.000
EXTRO	1.159	0.118	9.862	0.000
NEURO	-0.912	0.104	-8.811	0.000
OPEN	1.171	0.086	13.667	0.000

##### Variances

AGREE	1.049	0.059	17.832	0.000
CONSC	1.054	0.048	22.047	0.000
EXTRO	0.987	0.052	18.831	0.000
NEURO	0.932	0.050	18.489	0.000
OPEN	0.975	0.045	21.682	0.000

#### Latent Class 5

##### Means

AGREE	1.157	0.126	9.199	0.000
CONSC	1.115	0.115	9.736	0.000
EXTRO	-0.941	0.152	-6.197	0.000
NEURO	1.038	0.147	7.047	0.000
OPEN	0.949	0.123	7.715	0.000

Variances				
AGREE	1.049	0.059	17.832	0.000
CONSC	1.054	0.048	22.047	0.000
EXTR0	0.987	0.052	18.831	0.000
NEURO	0.932	0.050	18.489	0.000
OPEN	0.975	0.045	21.682	0.000

#### LOGISTIC REGRESSION ODDS RATIO RESULTS

##### Categorical Latent Variables

C1#1	ON	
SEX		0.251
C1#2	ON	
SEX		0.796
C1#3	ON	
SEX		1.489
C1#4	ON	
SEX		2.314

#### ALTERNATIVE PARAMETERIZATIONS FOR THE CATEGORICAL LATENT VARIABLE REGRESSION

##### Parameterization using Reference Class 1

C1#2	ON				
SEX		1.156	0.200	5.779	0.000
C1#3	ON				
SEX		1.782	0.204	8.745	0.000
C1#4	ON				
SEX		2.223	0.270	8.243	0.000
C1#5	ON				
SEX		1.384	0.277	4.993	0.000
Intercepts					
C1#2		-0.400	0.123	-3.255	0.001
C1#3		-0.892	0.136	-6.575	0.000
C1#4		-1.653	0.216	-7.665	0.000
C1#5		-1.492	0.201	-7.405	0.000

##### Parameterization using Reference Class 2

C1#1	ON				
SEX		-1.156	0.200	-5.779	0.000
C1#3	ON				
SEX		0.626	0.194	3.224	0.001

C1#4	ON				
SEX		1.067	0.275	3.878	0.000

C1#5	ON				
SEX		0.228	0.278	0.820	0.412

Intercepts					
C1#1		0.400	0.123	3.255	0.001
C1#3		-0.492	0.151	-3.268	0.001
C1#4		-1.253	0.235	-5.322	0.000
C1#5		-1.092	0.223	-4.890	0.000

Parameterization using Reference Class 3

C1#1	ON				
SEX		-1.782	0.204	-8.745	0.000

C1#2	ON				
SEX		-0.626	0.194	-3.224	0.001

C1#4	ON				
SEX		0.441	0.273	1.614	0.107

C1#5	ON				
SEX		-0.398	0.273	-1.459	0.144

Intercepts					
C1#1		0.892	0.136	6.575	0.000
C1#2		0.492	0.151	3.268	0.001
C1#4		-0.761	0.238	-3.195	0.001
C1#5		-0.599	0.220	-2.728	0.006

Parameterization using Reference Class 4

C1#1	ON				
SEX		-2.223	0.270	-8.243	0.000

C1#2	ON				
SEX		-1.067	0.275	-3.878	0.000

C1#3	ON				
SEX		-0.441	0.273	-1.614	0.107

C1#5	ON				
SEX		-0.839	0.343	-2.448	0.014

Intercepts					
C1#1		1.653	0.216	7.665	0.000
C1#2		1.253	0.235	5.322	0.000
C1#3		0.761	0.238	3.195	0.001
C1#5		0.162	0.291	0.554	0.579