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

Two-Tailed

Estimate S.E. Est./S.E. 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

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

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