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The GLIMMIX Procedure

Model Information

Data Set NYAM.RIGGINSWOK4

Response Variable recentincar

Response Distribution Binary

Link Function Logit

Variance Function Default

Variance Matrix Blocked By pid

Estimation Technique Residual PL

Degrees of Freedom Method Between-Within

Class Level Information

Class Levels Values

pid 246 not printed

recentincar 2 no yes

retention 2 yes no

injectdrugs 2 yes no

everheroin 2 yes no

mentaldiag 3 don yes no

recentopioid 2 yes no

site 10 not printed

Number of Observations Read 1224

Number of Observations Used 551

Response Profile

Ordered Total

Value recentincar Frequency

1 no 495

2 yes 56

The GLIMMIX procedure is modeling the probability that recentincar='yes'.

Dimensions

R-side Cov. Parameters 2

Columns in X 14

Columns in Z per Subject 0

Subjects (Blocks in V) 231

Max Obs per Subject 4

Optimization Information

Optimization Technique None

Parameters 1

Lower Boundaries 0

Upper Boundaries 0

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The GLIMMIX Procedure

Optimization Information

Fixed Effects Profiled

Residual Variance Profiled

Starting From Data

Fixed effects updates stopped at iteration 19.

Fit Statistics

-2 Res Log Pseudo-Likelihood .

Generalized Chi-Square 365.32

Gener. Chi-Square / DF 0.68

Covariance Parameter Estimates

Standard

Cov Parm Subject Estimate Error

CS pid 0.2252 0.05718

Residual 0.6753 0.05715

Solutions for Fixed Effects

Standard

Effect retention everheroin mentaldiag recentopioid Estimate Error DF t Value Pr > |t|

Intercept -5.3005 1.6892 223 -3.14 0.0019

retention yes -1.0037 0.3185 28 -3.15 0.0038

retention no 0 . . . .

years\_any\_opioid -0.02657 0.01700 223 -1.56 0.1195

asidrugscore 0.03195 0.01455 223 2.20 0.0291

male 0.7772 0.3915 223 1.99 0.0484

everheroin yes 1.7040 1.5200 223 1.12 0.2635

everheroin no 0 . . . .

mentaldiag don -20.6564 44044 223 -0.00 0.9996

mentaldiag yes 0.3779 0.3371 223 1.12 0.2635

mentaldiag no 0 . . . .

BC31 0.9942 0.4733 223 2.10 0.0368

recentopioid yes 0.4040 0.3078 71 1.31 0.1936

recentopioid no 0 . . . .

Odds ratio

Retention=0.37

Asidrugscore=1.03

Male=2.18

Bc31=2.7

Type III Tests of Fixed Effects

Num Den

Effect DF DF F Value Pr > F

retention 1 28 9.93 0.0038

years\_any\_opioid 1 223 2.44 0.1195

asidrugscore 1 223 4.82 0.0291

male 1 223 3.94 0.0484

everheroin 1 223 1.26 0.2635

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The GLIMMIX Procedure

Type III Tests of Fixed Effects

Num Den

Effect DF DF F Value Pr > F

mentaldiag 2 223 0.63 0.5344

BC31 1 223 4.41 0.0368

recentopioid 1 71 1.72 0.1936