High ED Utilization (3+) with Low Resource Use (Minus Meds)

Call:

glm(formula = High.ED.Utilization.3.Indicator ~ Age.Group + Problem.Count +

CCC.Count + CCC.Congenital + CCC.Hem.Imm + CCC.Malignancy +

CCC.Neuromuscular + CCC.Renal + Public.or.Private.Metric +

ED.Checkin.Day.of.the.Week + Acute.URI.DX + ADHD.DX + Allergics.Group.DX +

Chronic.Group.DX + Developmental.Disorders.DX + Developmental.Disorders.Group.DX +

Diabetes.DX + Dislocation.DX + Epilepsy.DX + Fractures.DX +

Trauma.Group.DX + Complex.Medication.at.ED.Visit.Indicator +

Last.Primary.Care.Specialty.Seen + Prior.ED.Visit.Count.Orig +

Major.Region + Race.and.Ethnicity.Group, family = binomial(logit),

data = EDPredictorsLowusePCMedInd.2016.df)

Deviance Residuals:

Min 1Q Median 3Q Max

-4.2090 -0.6354 -0.3891 0.2164 2.8061

Coefficients:

Estimate Std. Error z value Pr(>|z|)

(Intercept) -2.11867 0.62129 -3.410 0.000649 \*\*\*

Age.Group1 thru 3 years -1.36121 0.16194 -8.406 < 2e-16 \*\*\*

Age.Group13 years or more -2.83493 0.22369 -12.674 < 2e-16 \*\*\*

Age.Group3 thru 11 months -0.64074 0.17230 -3.719 0.000200 \*\*\*

Age.Group4 thru 12 years -2.19836 0.16983 -12.945 < 2e-16 \*\*\*

Problem.Count 0.06846 0.01122 6.101 1.05e-09 \*\*\*

CCC.Count -0.57625 0.08630 -6.677 2.44e-11 \*\*\*

CCC.Congenital 0.59595 0.19937 2.989 0.002798 \*\*

CCC.Hem.Imm 0.70872 0.20234 3.503 0.000461 \*\*\*

CCC.Malignancy 2.04046 0.38938 5.240 1.60e-07 \*\*\*

CCC.Neuromuscular 0.52531 0.21002 2.501 0.012378 \*

CCC.Renal 0.35142 0.23933 1.468 0.141999

Public.or.Private.MetricPublic 0.66773 0.17025 3.922 8.78e-05 \*\*\*

Public.or.Private.MetricUnavailable 1.12577 0.29936 3.761 0.000169 \*\*\*

ED.Checkin.Day.of.the.WeekMONDAY -0.11579 0.13431 -0.862 0.388626

ED.Checkin.Day.of.the.WeekSATURDAY -0.51260 0.13710 -3.739 0.000185 \*\*\*

ED.Checkin.Day.of.the.WeekSUNDAY -0.12448 0.12778 -0.974 0.329946

ED.Checkin.Day.of.the.WeekTHURSDAY -0.28583 0.14170 -2.017 0.043683 \*

ED.Checkin.Day.of.the.WeekTUESDAY -0.14973 0.14177 -1.056 0.290891

ED.Checkin.Day.of.the.WeekWEDNESDAY -0.04835 0.13805 -0.350 0.726156

Acute.URI.DX 0.19308 0.09405 2.053 0.040081 \*

ADHD.DX -2.73415 0.73504 -3.720 0.000199 \*\*\*

Allergics.Group.DX -0.15386 0.09843 -1.563 0.118011

Chronic.Group.DX 1.45197 0.68025 2.134 0.032804 \*

Developmental.Disorders.DX -2.02246 0.70579 -2.866 0.004163 \*\*

Developmental.Disorders.Group.DX 2.11602 0.66744 3.170 0.001523 \*\*

Diabetes.DX -14.47979 259.14150 -0.056 0.955441

Dislocation.DX -28.54959 402.98151 -0.071 0.943520

Epilepsy.DX -2.55548 0.50623 -5.048 4.46e-07 \*\*\*

Fractures.DX -29.46567 402.98137 -0.073 0.941711

Trauma.Group.DX 28.84211 402.98162 0.072 0.942943

Complex.Medication.at.ED.Visit.Indicator -0.13268 0.07476 -1.775 0.075960 .

Last.Primary.Care.Specialty.SeenPEDIATRICS/PRIMARY CARE 0.07908 0.30824 0.257 0.797532

Last.Primary.Care.Specialty.SeenPrimary Care-MEHC 0.29605 0.31387 0.943 0.345576

Prior.ED.Visit.Count.Orig 0.69279 0.02464 28.121 < 2e-16 \*\*\*

Major.RegionLocal 0.13165 0.42518 0.310 0.756835

Major.RegionNational 1.81072 0.77218 2.345 0.019030 \*

Major.RegionRegional -2.16588 0.77278 -2.803 0.005067 \*\*

Major.RegionUnknown -12.50653 497.14031 -0.025 0.979930

Race.and.Ethnicity.GroupBlack or African American 0.90534 0.35585 2.544 0.010954 \*

Race.and.Ethnicity.GroupHispanic or Latino 0.93856 0.35445 2.648 0.008099 \*\*

Race.and.Ethnicity.GroupOther 0.68266 0.36293 1.881 0.059978 .

Race.and.Ethnicity.GroupWhite 0.65425 0.40176 1.628 0.103431

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 7001.8 on 5997 degrees of freedom

Residual deviance: 4938.7 on 5955 degrees of freedom

AIC: 5024.7

Number of Fisher Scoring iterations: 13







