Grant Funding Record Models

Well Funded Record

```
##
## Call:
## glm(formula = FC ~ O + H + RS + TWR + FA + TS, family = "binomial",
##     data = lm_DF)
##
## Deviance Residuals:
##     Min       1Q   Median       3Q      Max
## -1.9118  -1.0140  -0.6824   1.1528   1.8474
##
## Coefficients:
##              Estimate Std. Error z value Pr(>|z|)
## (Intercept) -0.110662   0.575011  -0.192  0.84739
## O           -0.120590   0.061126  -1.973  0.04852 *
## H            0.012837   0.005485   2.340  0.01927 *
## RS2         -0.432951   0.218442  -1.982  0.04748 *
## TWR          0.022207   0.006915   3.212  0.00132 **
## FA2         -0.037829   0.283622  -0.133  0.89389
## FA3          1.520466   0.596143   2.551  0.01076 *
## FA4          1.471609   0.540101   2.725  0.00644 **
## FA5          0.673052   0.649964   1.036  0.30043
## FA6         -0.095856   0.439791  -0.218  0.82746
## TS2         -0.488214   0.217315  -2.247  0.02467 *
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for binomial family taken to be 1)
##
##     Null deviance: 557.96  on 402  degrees of freedom
## Residual deviance: 509.61  on 392  degrees of freedom
## AIC: 531.61
##
## Number of Fisher Scoring iterations: 4
```

Full Funded Record

```
##
## Call:
## glm(formula = FC ~ O + TWR + FA, family = "binomial", data = lm_DF)
##
## Deviance Residuals:
##     Min       1Q   Median       3Q      Max
## -1.5998  -0.7247  -0.5456  -0.3676   2.5441
##
## Coefficients:
##              Estimate Std. Error z value Pr(>|z|)
## (Intercept) -2.102705   0.653579  -3.217 0.001294 **
## O           -0.148075   0.072433  -2.044 0.040923 *
## TWR          0.038722   0.008388   4.616 3.9e-06 ***
## FA2          0.195893   0.334923   0.585 0.558622
## FA3          0.970498   0.507132   1.914 0.055658 .
## FA4          1.621710   0.488825   3.318 0.000908 ***
## FA5          0.289574   0.816047   0.355 0.722702
## FA6          0.456031   0.513920   0.887 0.374886
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for binomial family taken to be 1)
##
##     Null deviance: 430.53  on 402  degrees of freedom
## Residual deviance: 390.73  on 395  degrees of freedom
## AIC: 406.73
##
## Number of Fisher Scoring iterations: 4
```

Combined Grantsmanship and Grant Funding Record

```
##
## Call:
## glm(formula = Y5Zff ~ E + A + TWR + NP, family = "binomial",
##     data = lm_DF)
##
## Deviance Residuals:
##     Min       1Q   Median       3Q      Max
## -1.5266  -0.3487  -0.2163  -0.1286   3.0476
##
## Coefficients:
##             Estimate Std. Error z value Pr(>|z|)
## (Intercept) -4.51626    1.40527  -3.214  0.00131 **
## E           -0.26673    0.11071  -2.409  0.01598 *
## A            0.30213    0.14720   2.053  0.04012 *
## TWR          0.03958    0.01353   2.925  0.00344 **
## NP2         -1.75461    0.57739  -3.039  0.00237 **
## NP3         -2.54042    0.80291  -3.164  0.00156 **
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for binomial family taken to be 1)
##
##     Null deviance: 187.42  on 402  degrees of freedom
## Residual deviance: 148.95  on 397  degrees of freedom
## AIC: 160.95
##
## Number of Fisher Scoring iterations: 7
```