

## Analysis

After running our regression script we observed the following values for our  $\hat{\beta}_{OLS}$  estimator:

|                    | Estimate | Std. Error | t value | Pr(> t ) |
|--------------------|----------|------------|---------|----------|
| (Intercept)        | -0.00    | 0.02       | -0.00   | 1.00     |
| ADM_RATE           | -0.07    | 0.03       | -2.77   | 0.01     |
| SATMTMID           | 0.61     | 0.03       | 21.75   | 0.00     |
| STEM_DEG_WOMEN     | -0.15    | 0.03       | -5.05   | 0.00     |
| COUNT_WNE_MALE0_P6 | 0.15     | 0.03       | 5.44    | 0.00     |
| WOMENONLY          | 0.06     | 0.02       | 2.49    | 0.01     |
| HIGHDEG4           | 0.21     | 0.02       | 8.55    | 0.00     |

Table 1: Predictor Significance

It's clear from the final column of the tabel that all the regressors are significant (with the exception of the intercept). Thus, we will utilize all values *except* the intercept in our score function.