* Table in Excel that has a regression column, p-value column, std.all column, and odds-ratio of std.all column
* Run full model for males and females
* Run full mode for race + gender
  + Gender alone works
  + Race alone works

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Race |  |  |  |
| Gender | White=1 | Black=2 | Hispanic=3 | Other=4 |
| Female = 0 | 1621 | 957 | 706 | 109 |
| Male = 1 | 1656 | 871 | 701 | 114 |

* test <- filter(dataset, gender==0 & race==1)
  + Doesn’t work if you include ELEMSCHOOL in the HIGHSCHOOL regression, works otherwise
* test <- filter(dataset, gender==0 & race==2) # Works
* test <- filter(dataset, gender==0 & race==3) # Doesn't work, juvenileincarceration has no variance
* test <- filter(dataset, gender==1 & race==1) # Doesn't converge
* test <- filter(dataset, gender==1 & race==2) # Doesn't converge
* test <- filter(dataset, gender==1 & race==3) # Works

Turn the following into binary variables:

* “highsuspend” is numeric, not (0, 1) -> HSuspend
* “middlesuspend” is numeric, not (0, 1) -> MSuspend
* “elementarysuspend” is numeric, not (0, 1) -> ESuspend

Create 2 new variables:

* Aincareration:
  + 0 if adultincarceraion === 0, 1 otherwise
* Jincarceration:
  + 0 if juvenileincarceration == 0, 1 otherwise