4_plots_or

Maiko Hata

odd ratio 1: us_data_attempts_BLWH

— OR for black vs white DQ —

```
$data
                                 Black   White   Total
attempts_to_contact_unsuccessful  56155   99922  156077
Other                            359718 1572263 1931981
Total                            415873 1672185 2088058

$measure
                                 NA
odds ratio with 95% C.I.          estimate    lower    upper
  attempts_to_contact_unsuccessful 1.000000       NA       NA
  Other                            2.456352 2.429572 2.483474

$p.value
                                 NA
two-sided                         midp.exact fisher.exact chi.square
  attempts_to_contact_unsuccessful         NA           NA         NA
  Other                                     0            0          0

$correction
[1] FALSE

attr(,"method")
[1] "median-unbiased estimate & mid-p exact CI"
```

odd ratio 2:

odds ratio 3: dq_native

— Odds Ratio for Native American vs White DQ —-
see EDLD652 Data Visualization notes google doc for interpretations

```
$data
                                  Alaska Native   White   Total
attempts_to_contact_unsuccessful          3262   99922  103184
Other                                    20521 1572263 1592784
Total                                    23783 1672185 1695968

$measure
                                  NA
odds ratio with 95% C.I.           estimate    lower    upper
  attempts_to_contact_unsuccessful 1.000000       NA       NA
  Other                            2.501309 2.408865 2.596393

$p.value
                                  NA
two-sided                          midp.exact fisher.exact chi.square
  attempts_to_contact_unsuccessful         NA           NA         NA
  Other                                     0            0          0

$correction
[1] FALSE

attr(,"method")
[1] "median-unbiased estimate & mid-p exact CI"



    Pearson's Chi-squared test with Yates' continuity correction

data:  dq_native_us[, 2:3]
X-squared = 2031.5, df = 1, p-value < 2.2e-16
```

odds ratio 4: dq_hispanic

— Odds Ratio for Hispanic vs White DQ —-
see EDLD652 Data Visualization notes google doc for interpretations

```
$data
                                Hispanic/Latino   White   Total
attempts_to_contact_unsuccessful           79951   99922  179873
Other                                     826020 1672263 2498283
Total                                     905971 1772185 2678156

$measure
                                 NA
odds ratio with 95% C.I.          estimate   lower    upper
  attempts_to_contact_unsuccessful 1.000000      NA       NA
  Other                            1.619882 1.60425 1.635544

$p.value
                                 NA
two-sided                         midp.exact fisher.exact chi.square
  attempts_to_contact_unsuccessful         NA           NA         NA
  Other                                     0            0          0

$correction
[1] FALSE

attr(,"method")
[1] "median-unbiased estimate & mid-p exact CI"
```

odds ratio 5: dq_asian

— Odds Ratio for Asian vs White DQ —-
see EDLD652 Data Visualization notes google doc for interpretations

```
$data
                                Asian   White   Total
attempts_to_contact_unsuccessful  6559   99922  106481
Other                           139693 1572263 1711956
Total                           146252 1672185 1818437

$measure
                                 NA
odds ratio with 95% C.I.           estimate     lower     upper
  attempts_to_contact_unsuccessful 1.0000000        NA        NA
  Other                            0.7388185 0.7200855 0.7578737

$p.value
```

```
                                    NA
two-sided                            midp.exact  fisher.exact   chi.square
  attempts_to_contact_unsuccessful         NA            NA           NA
  Other                                     0 8.131519e-129 6.24504e-120

$correction
[1] FALSE

attr(,"method")
[1] "median-unbiased estimate & mid-p exact CI"
```

Odds ratio 6: dq_multi

— Odds Ratio for ___ vs White DQ —-
see EDLD652 Data Visualization notes google doc for interpretations

```
$data
                                 More than Two Races   White   Total
attempts_to_contact_unsuccessful               11676   99922  111598
Other                                         124165 1572263 1696428
Total                                         135841 1672185 1808026

$measure
                                    NA
odds ratio with 95% C.I.             estimate    lower   upper
  attempts_to_contact_unsuccessful 1.000000       NA      NA
  Other                            1.479668 1.450269 1.50953

$p.value
                                    NA
two-sided                            midp.exact  fisher.exact chi.square
  attempts_to_contact_unsuccessful         NA            NA         NA
  Other                                     0 2.640121e-295          0

$correction
[1] FALSE

attr(,"method")
[1] "median-unbiased estimate & mid-p exact CI"
```

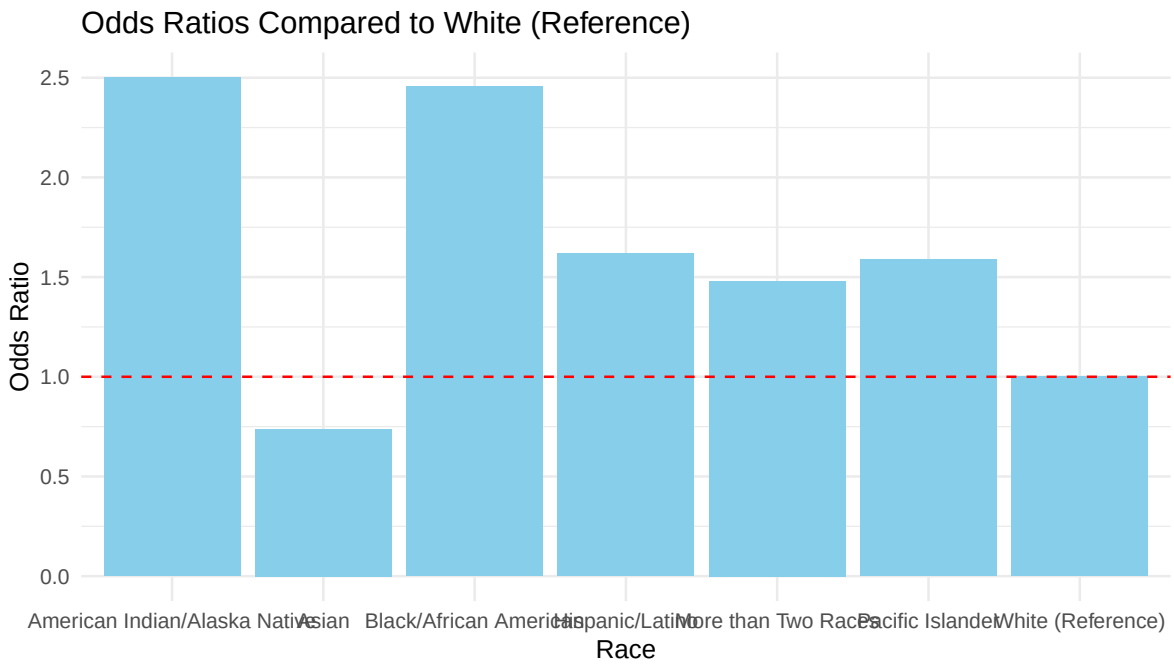
odds ratio 5: dq_pi

— Odds Ratio for Pacific Islaner vs White DQ —-
see EDLD652 Data Visualization notes google doc for interpretations

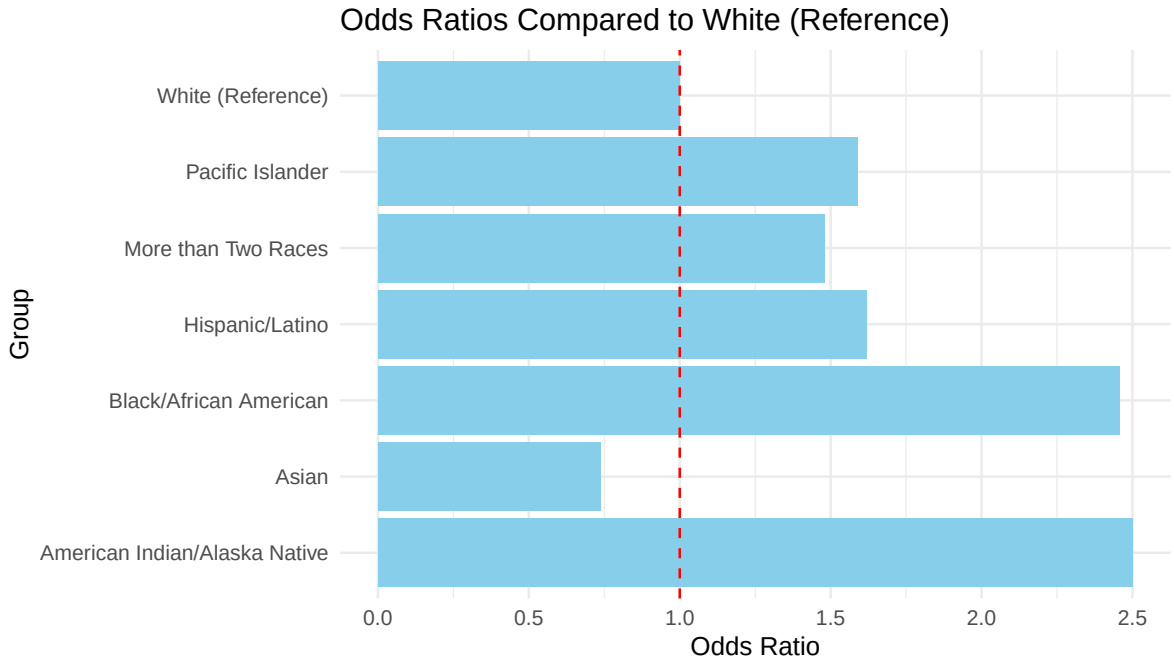
```
$data
                                Alaska Native   White   Total
attempts_to_contact_unsuccessful           977   99922  100899
Other                                     9677 1572263 1581940
Total                                    10654 1672185 1682839

$measure
                                  NA
odds ratio with 95% C.I.           estimate    lower    upper
  attempts_to_contact_unsuccessful 1.000000       NA       NA
  Other                            1.588854 1.486348 1.696447

$p.value
                                  NA
two-sided                          midp.exact fisher.exact   chi.square
  attempts_to_contact_unsuccessful         NA           NA           NA
  Other                                     0 3.816655e-38 1.350252e-43

$correction
[1] FALSE

attr(,"method")
[1] "median-unbiased estimate & mid-p exact CI"
```

Odds ratio plot 1:

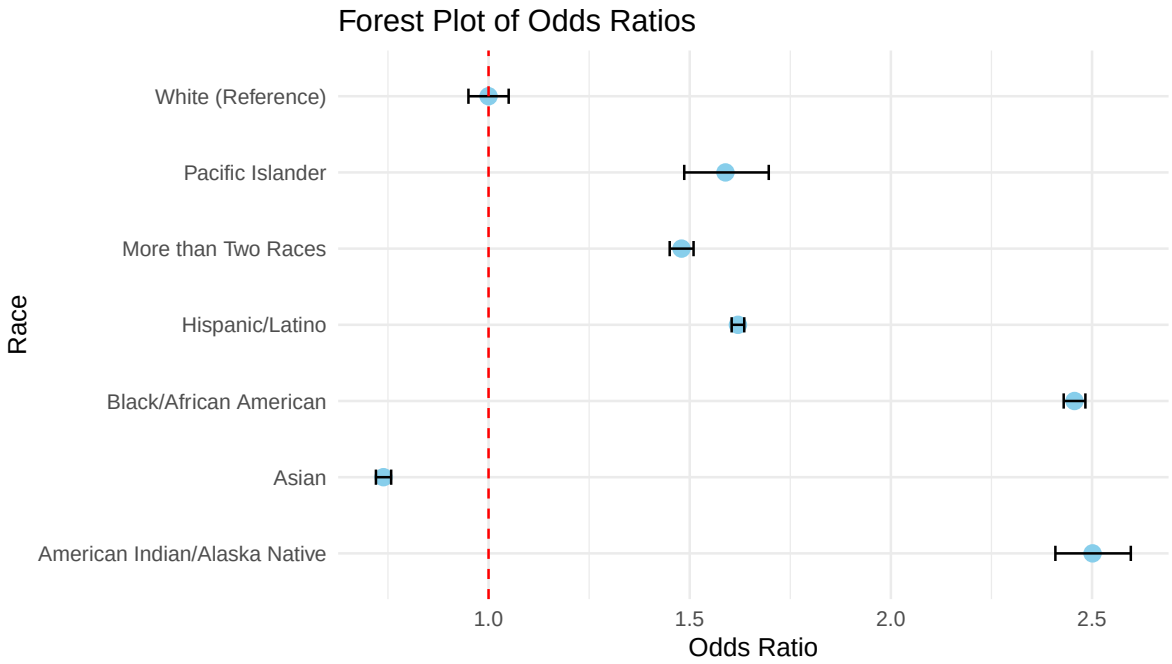
v1



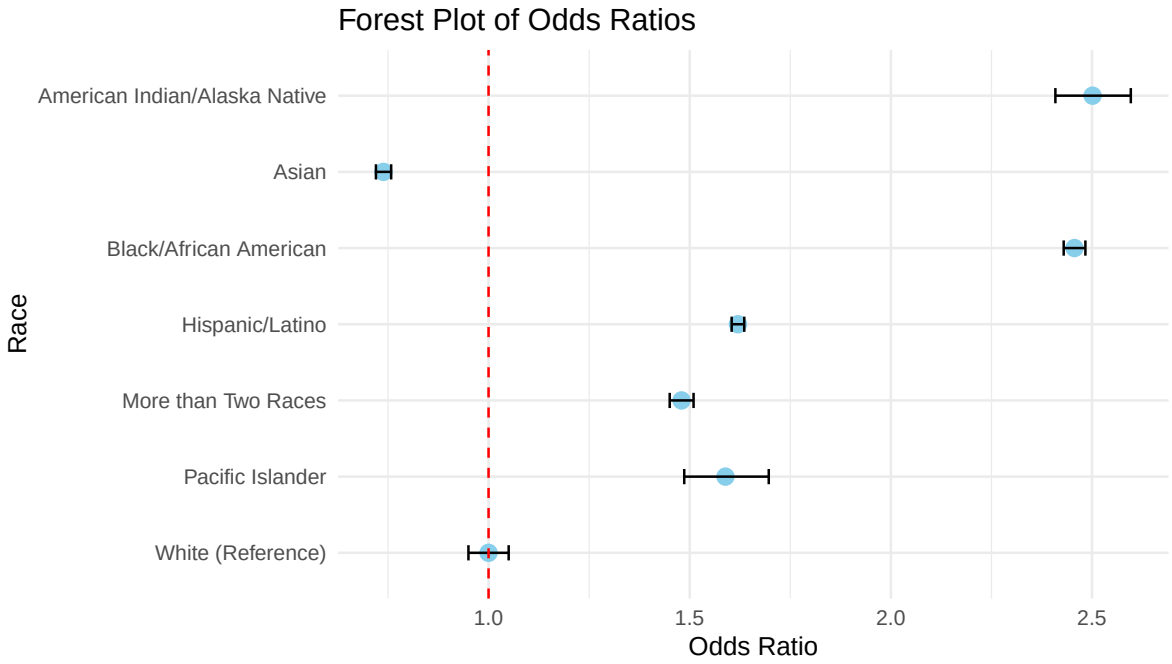
v2: flipped coord



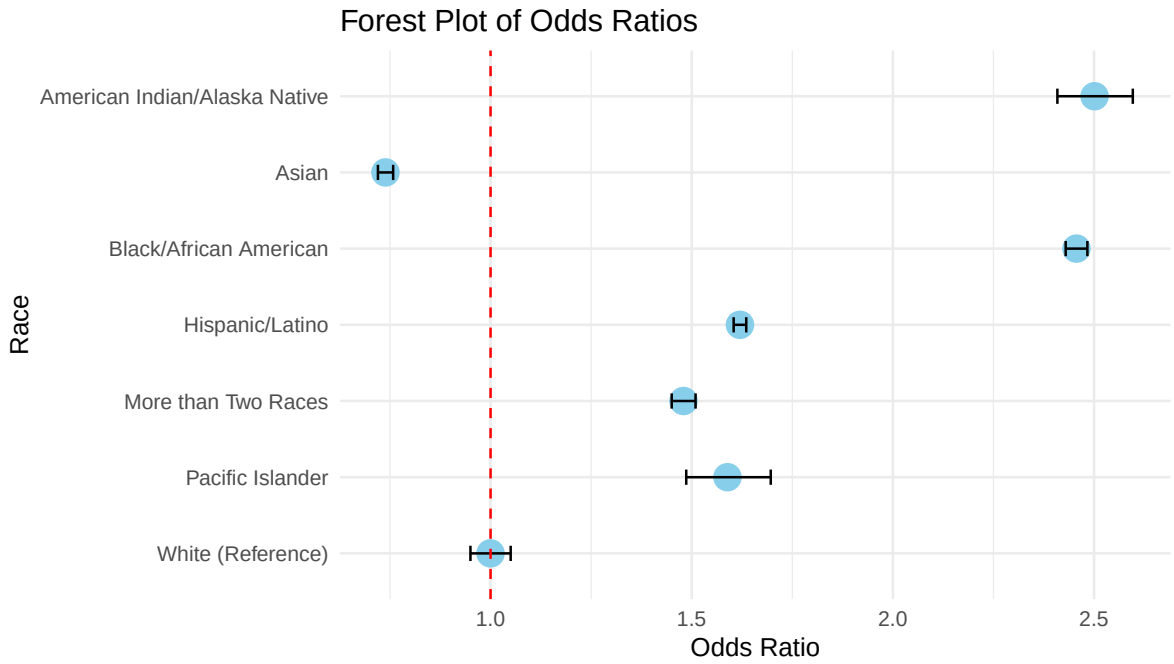
Forrest Plot 1



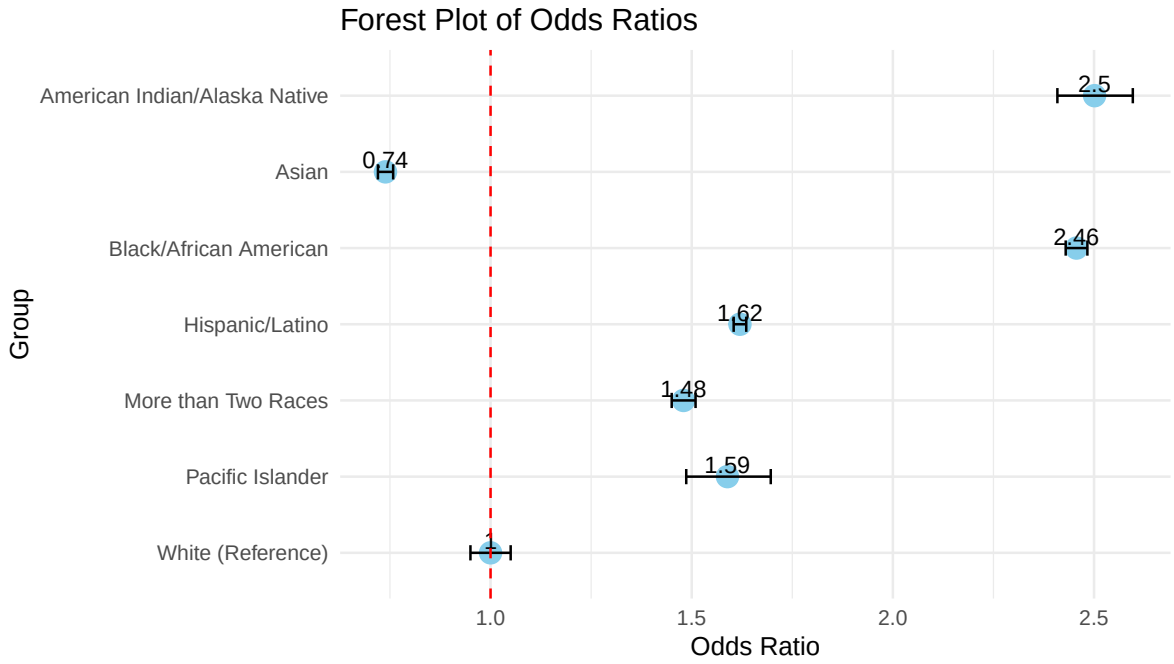
trying to reverse alphaetize the Y axis



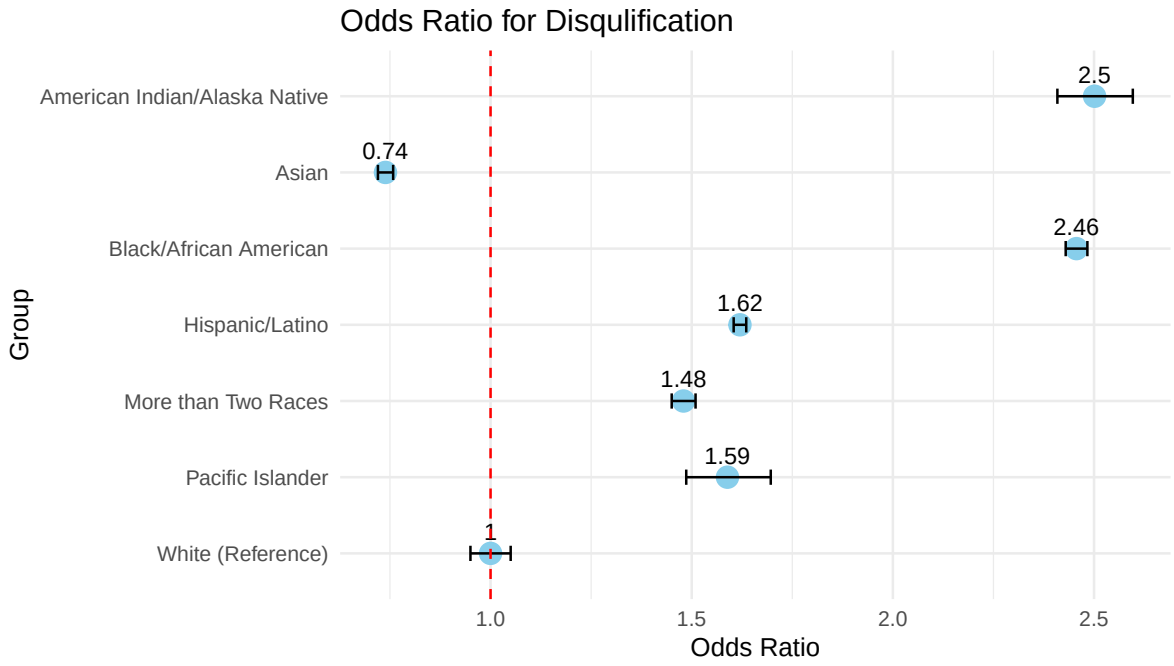
made the dots bigger



added the data label yeaaaah



moved the labels above the dots



made the labels for y axis bigger