

Study S3

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Variable Names

| Variable | Description |
|----------------------|---|
| race_feedback | Binary indicator of whether a participant was randomly assigned to race feedback condition. |
| race_pick | Binary indicator of whether a participant selected a racial minority mayor for their seventh selection. |
| majority_pool | Binary indicator of whether a participant was randomly assigned to white-dominated mayor pool. |
| choice-1 to choice-7 | The selected mayors. |
| gender | Self-selected gender. |
| race | Self-selected race. |
| age | Self-entered age. |
| gender_code | Dummy code for gender (male = 1). |
| race_code | Dummy code for race (white = 1). |

Primary Analyses

Race Feedback when Racial Minority Underrepresented in Candidate Set

```
##
## Call:
## lm(formula = race_pick ~ race_feedback, data = d0_majority_pool)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.3044 -0.3044 -0.1773 -0.1773  0.8227
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)   0.17726    0.02216   7.999 6.54e-15 ***
## race_feedback  0.12709    0.03470   3.663 0.000272 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.4235 on 596 degrees of freedom
## Multiple R-squared:  0.02209,    Adjusted R-squared:  0.02045
## F-statistic: 13.46 on 1 and 596 DF,  p-value: 0.0002653

##              2.5 %    97.5 %
## (Intercept)  0.13373796 0.2207771
## race_feedback 0.05894699 0.1952336
```

Race Feedback when Racial Minority Overrepresented in Candidate Set

```
##
## Call:
## lm(formula = race_pick ~ race_feedback, data = d0_minority_pool)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.8200  0.1800  0.1800  0.3154  0.3154
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)   0.82000    0.02226   36.84 < 2e-16 ***
## race_feedback -0.13544    0.03500   -3.87 0.000121 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.4269 on 596 degrees of freedom
## Multiple R-squared:  0.02462,    Adjusted R-squared:  0.02299
## F-statistic: 15.05 on 1 and 596 DF,  p-value: 0.0001166

##              2.5 %      97.5 %
## (Intercept)   0.7762917  0.86370826
## race_feedback -0.2041690 -0.06670345
```

Race Feedback * Racial Minority Underrepresented

```
##
## Call:
## lm(formula = race_pick ~ race_feedback * majority_pool, data = d0)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.8200 -0.3044 -0.1773  0.3154  0.8227
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)      0.82000    0.02226  36.845 < 2e-16 ***
## race_feedback    -0.13544    0.03500  -3.870 0.000115 ***
## majority_pool    -0.64274    0.03141 -20.466 < 2e-16 ***
## race_feedback:majority_pool  0.26253    0.04928   5.327 1.19e-07 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.4252 on 1192 degrees of freedom
## Multiple R-squared:  0.2791, Adjusted R-squared:  0.2773
## F-statistic: 153.8 on 3 and 1192 DF,  p-value: < 2.2e-16

##              2.5 %      97.5 %
## (Intercept)      0.7763362  0.86366384
## race_feedback    -0.2040992 -0.06677331
## majority_pool    -0.7043593 -0.58112563
## race_feedback:majority_pool  0.1658380  0.35921508
```

Robustness

```
## robust to demographic controls
### when racial minorities are underrepresented

r3 <- lm(race_pick ~ race_feedback + gender_code + race_code + age,
  ↪ data=d0_majority_pool)

# Display the robust_summary with robust standard errors
robust_summary(r3)

##
## Call:
## lm(formula = race_pick ~ race_feedback + gender_code + race_code +
##     age, data = d0_majority_pool)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.3116 -0.3021 -0.1788 -0.1700  0.8303
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)   0.1841118   0.0699436   2.632 0.008702 **
## race_feedback  0.1270400   0.0348947   3.641 0.000296 ***
## gender_code    0.0032855   0.0353841    0.093 0.926053
## race_code      0.0024909   0.0408005    0.061 0.951340
## age           -0.0002316   0.0013487   -0.172 0.863700
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.4246 on 593 degrees of freedom
## Multiple R-squared:  0.02216,    Adjusted R-squared:  0.01556
## F-statistic: 3.359 on 4 and 593 DF,  p-value: 0.00986

robust_confint(r3)

##              2.5 %      97.5 %
## (Intercept)  0.046744605 0.321479085
## race_feedback 0.058507688 0.195572239
## gender_code   -0.066207949 0.072778891
## race_code     -0.077640260 0.082622042
## age          -0.002880524 0.002417258

## logistic regression
# Fit the logistic regression model
r4 <- glm(race_pick ~ race_feedback, family = binomial, data=d0_majority_pool)

# Odds ratio
tidy_r4 <- tidy(r4, exponentiate = TRUE, conf.int = T)
print(tidy_r4)
```

```
## # A tibble: 2 x 7
##   term          estimate std.error statistic  p.value conf.low conf.high
##   <chr>          <dbl>    <dbl>    <dbl>    <dbl>    <dbl>    <dbl>
## 1 (Intercept)    0.215     0.151    -10.1  3.80e-24  0.159     0.287
## 2 race_feedback  2.03      0.197     3.60  3.19e- 4  1.39      3.00
```

```
summary(r4)
```

```
##
## Call:
## glm(formula = race_pick ~ race_feedback, family = binomial, data = d0_majority_pool)
##
## Coefficients:
##              Estimate Std. Error z value Pr(>|z|)
## (Intercept)   -1.5350     0.1514 -10.137  < 2e-16 ***
## race_feedback  0.7084     0.1968   3.599 0.000319 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for binomial family taken to be 1)
##
##      Null deviance: 660.20  on 597  degrees of freedom
## Residual deviance: 646.86  on 596  degrees of freedom
## AIC: 650.86
##
## Number of Fisher Scoring iterations: 4
```

```
## robust to demographic controls
### when racial minorities are overrepresented

r5 <- lm(race_pick ~ race_feedback + gender_code + race_code + age,
  ↪ data=d0_minority_pool)

# Display the robust_summary with robust standard errors
robust_summary(r5)
```

```
##
## Call:
## lm(formula = race_pick ~ race_feedback + gender_code + race_code +
##     age, data = d0_minority_pool)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.8716  0.1233  0.1881  0.2899  0.3817
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)   0.911678   0.069413  13.134  < 2e-16 ***
## race_feedback -0.136900   0.035395  -3.868 0.000122 ***
## gender_code   -0.045837   0.035584  -1.288 0.198208
## race_code     -0.008292   0.043551  -0.190 0.849062
## age           -0.001384   0.001437  -0.963 0.335791
```

```
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.427 on 593 degrees of freedom
## Multiple R-squared:  0.02898,    Adjusted R-squared:  0.02243
## F-statistic: 4.425 on 4 and 593 DF,  p-value: 0.001565
```

```
robust_confint(r5)
```

```
##              2.5 %      97.5 %
## (Intercept)  0.77535373  1.048002334
## race_feedback -0.20641421 -0.067385407
## gender_code   -0.11572367  0.024049942
## race_code     -0.09382567  0.077241461
## age          -0.00420504  0.001437474
```

```
## logistic regression
# Fit the logistic regression model
r6 <- glm(race_pick ~ race_feedback, family = binomial, data=d0_majority_pool)

# Odds ratio
tidy_r6 <- tidy(r6, exponentiate = TRUE, conf.int = T)
print(tidy_r6)
```

```
## # A tibble: 2 x 7
##   term          estimate std.error statistic  p.value conf.low conf.high
##   <chr>          <dbl>    <dbl>    <dbl>    <dbl>    <dbl>    <dbl>
## 1 (Intercept)    0.215     0.151   -10.1  3.80e-24  0.159    0.287
## 2 race_feedback  2.03      0.197    3.60  3.19e- 4  1.39     3.00
```

```
summary(r6)
```

```
##
## Call:
## glm(formula = race_pick ~ race_feedback, family = binomial, data = d0_majority_pool)
##
## Coefficients:
##              Estimate Std. Error z value Pr(>|z|)
## (Intercept)   -1.5350     0.1514 -10.137  < 2e-16 ***
## race_feedback    0.7084     0.1968   3.599 0.000319 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for binomial family taken to be 1)
##
##    Null deviance: 660.20  on 597  degrees of freedom
## Residual deviance: 646.86  on 596  degrees of freedom
## AIC: 650.86
##
## Number of Fisher Scoring iterations: 4
```



```
### interaction model

r7 <- lm(race_pick ~ race_feedback*majority_pool + gender_code + race_code + age,
  ↪ data=d0)

# Display the robust_summary with robust standard errors
robust_summary(r7)
```

```
##
## Call:
## lm(formula = race_pick ~ race_feedback * majority_pool + gender_code +
##     race_code + age, data = d0)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.8471 -0.2962 -0.1477  0.3017  0.8601
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)      0.8686581   0.0519233   16.730 < 2e-16 ***
## race_feedback    -0.1361216   0.0351647   -3.871 0.000114 ***
## majority_pool    -0.6443327   0.0315002  -20.455 < 2e-16 ***
## gender_code      -0.0212988   0.0250307   -0.851 0.394991
## race_code        -0.0034564   0.0295889   -0.117 0.907027
## age              -0.0007856   0.0009817   -0.800 0.423681
## race_feedback:majority_pool  0.2642208   0.0494410    5.344 1.09e-07 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.4255 on 1189 degrees of freedom
## Multiple R-squared:  0.2799, Adjusted R-squared:  0.2763
## F-statistic: 77.04 on 6 and 1189 DF,  p-value: < 2.2e-16
```

```
robust_confint(r7)
```

```
##              2.5 %      97.5 %
## (Intercept)      0.766786539  0.970529642
## race_feedback    -0.205113311 -0.067129926
## majority_pool    -0.706134881 -0.582530481
## gender_code      -0.070408078  0.027810400
## race_code        -0.061508559  0.054595793
## age              -0.002711624  0.001140327
## race_feedback:majority_pool  0.167219473  0.361222037
```

```
## logistic regression
# Fit the logistic regression model
r8 <- glm(race_pick ~ race_feedback*majority_pool, family = binomial, data=d0)

# Odds ratio
tidy_r8 <- tidy(r8, exponentiate = TRUE, conf.int = T)
print(tidy_r8)
```

```
## # A tibble: 4 x 7
##   term                estimate std.error statistic  p.value conf.low conf.high
##   <chr>              <dbl>    <dbl>    <dbl>    <dbl>    <dbl>    <dbl>
## 1 (Intercept)        4.56      0.150     10.1 6.10e-24   3.42     6.18
## 2 race_feedback      0.476     0.195     -3.80 1.46e- 4   0.323     0.696
## 3 majority_pool      0.0473    0.213    -14.3 2.11e-46   0.0308    0.0712
## 4 race_feedback:majori~ 4.26      0.277      5.23 1.70e- 7   2.48     7.37
```

```
summary(r8)
```

```
##
## Call:
## glm(formula = race_pick ~ race_feedback * majority_pool, family = binomial,
##      data = d0)
##
## Coefficients:
##              Estimate Std. Error z value Pr(>|z|)
## (Intercept)      1.5163    0.1503  10.090 < 2e-16 ***
## race_feedback     -0.7415    0.1953  -3.798 0.000146 ***
## majority_pool     -3.0514    0.2133 -14.303 < 2e-16 ***
## race_feedback:majority_pool  1.4499    0.2772   5.230 1.7e-07 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for binomial family taken to be 1)
##
##      Null deviance: 1658.0  on 1195  degrees of freedom
## Residual deviance: 1301.2  on 1192  degrees of freedom
## AIC: 1309.2
##
## Number of Fisher Scoring iterations: 4
```