Study 2 (N=1500)

June 08, 2025

Analysis Sections

Data Preparation

```r
# Read raw data
raw_data_file <- "raw_data_study2.csv"
qual_data <- read.csv(raw_data_file, na.strings = c("", "NA"))
cat("Raw data loaded from:", raw_data_file, "\n")
```

```
## Raw data loaded from: raw_data_study2.csv
```

```r
# Read scholar metadata
metadata_file <- "Academic -- dataset.xlsx"
scholar_metadata_raw <- read_excel(metadata_file)
cat("Scholar metadata loaded from:", metadata_file, "\n")
```

```
## Scholar metadata loaded from: Academic -- dataset.xlsx
```

Demographics of Final Sample (N=1451)

```
## Participants dropped after condition assignment but before final choice: 49

##
## --- Gender Distribution ---

## < table of extent 0 >

## numeric(0)

##
## --- Race Distribution (Overall) ---

##
## American Indian or Alaskan Native          Asian / Pacific Islander
##                                 2                               573
##         Black or African American                  Hispanic / Latinx
##                               169                                18
##                 White / Caucasian                              <NA>
##                               681                                 8

##
## American Indian or Alaskan Native          Asian / Pacific Islander
##                               0.1                              39.7
##         Black or African American                  Hispanic / Latinx
##                              11.7                               1.2
##                 White / Caucasian
##                              47.2

##
## --- Race Distribution by Country ---

##       country Asian / Pacific Islander Black or African American
## 1       China                    85.2                       9.2
## 2     Germany                     4.7                       8.7
## 3       Italy                     1.4                       4.4
## 4 South Korea                    67.7                      24.4
##   Hispanic / Latinx White / Caucasian American Indian or Alaskan Native
## 1               1.1               4.5                                0.0
## 2               2.0              84.6                                0.0
## 3               0.8              93.4                                0.0
## 4               1.1               6.3                                0.5

##
## --- Age Distribution ---

##    Min. 1st Qu.  Median    Mean 3rd Qu.    Max.    NA's
##    18.0    25.0    29.0    32.3    37.0    75.0       8

## SD (age): 10.32
```

```
## Missing (age): 8

##
## --- Country Distribution (Overall) ---

##
##       China     Germany       Italy South Korea
##         360         359         365         367

##
##       China     Germany       Italy South Korea
##        24.8        24.7        25.2        25.3

##
## --- Condition Assignment ---

##
##   0   1
## 719 732

##
##    0    1
## 49.6 50.4
```

Primary Analysis (H1 & H2)

SUR Models

```
##
## --- H1 Model Summary (with Incentive FE) & Wald Test Output ---

##
## systemfit results
## method: SUR
##
##           N   DF     SSR  detRCov   OLS-R2 McElroy-R2
## system 2902 2894 298.172 0.010097 0.024937     0.0231
##
##            N   DF     SSR      MSE     RMSE       R2    Adj R2
## western 1451 1447 174.326 0.120474 0.347094 0.040756  0.038768
## eastern 1451 1447 123.846 0.085588 0.292554 0.001765 -0.000304
##
## The covariance matrix of the residuals used for estimation
##            western    eastern
## western  0.1204740 -0.0146227
## eastern -0.0146227  0.0855880
##
## The covariance matrix of the residuals
##            western    eastern
## western  0.1204740 -0.0146227
## eastern -0.0146227  0.0855880
##
## The correlations of the residuals
##           western   eastern
## western  1.000000 -0.144004
## eastern -0.144004  1.000000
##
##
## SUR estimates for 'western' (equation 1)
## Model Formula: western_female ~ gender_feedback + western_participant + factor(higher_incentive)
##
##                              Estimate Std. Error  t value            Pr(>|t|)
## (Intercept)                 0.0661318  0.0176824  3.73997          0.00019122
## gender_feedback             0.1365961  0.0182253  7.49485 0.00000000000011502
## western_participant         0.0318826  0.0194495  1.63925          0.10137837
## factor(higher_incentive)1 -0.0244072  0.0258755 -0.94326          0.34570614
##
## (Intercept)                ***
## gender_feedback            ***
## western_participant
## factor(higher_incentive)1
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.347094 on 1447 degrees of freedom
## Number of observations: 1451 Degrees of Freedom: 1447
## SSR: 174.32583 MSE: 0.120474 Root MSE: 0.347094
## Multiple R-Squared: 0.040756 Adjusted R-Squared: 0.038768
```

```
##
##
## SUR estimates for 'eastern' (equation 2)
## Model Formula: eastern_female ~ gender_feedback + eastern_participant + factor(higher_incentive)
##
##                              Estimate  Std. Error  t value           Pr(>|t|)
## (Intercept)                0.09529623  0.01336688  7.12928 0.0000000000015876
## gender_feedback            0.01630454  0.01536155  1.06139            0.28869
## eastern_participant       -0.01902781  0.01639336 -1.16070            0.24595
## factor(higher_incentive)1  0.00252414  0.02180960  0.11574            0.90788
##
## (Intercept)               ***
## gender_feedback
## eastern_participant
## factor(higher_incentive)1
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.292554 on 1447 degrees of freedom
## Number of observations: 1451 Degrees of Freedom: 1447
## SSR: 123.845769 MSE: 0.085588 Root MSE: 0.292554
## Multiple R-Squared: 0.001765 Adjusted R-Squared: -0.000304

## Linear hypothesis test (Chi^2 statistic of a Wald test)
##
## Hypothesis:
## western_gender_feedback - eastern_gender_feedback = 0
##
## Model 1: restricted model
## Model 2: model_h1
##
##   Res.Df Df  Chisq  Pr(>Chisq)
## 1   2895
## 2   2894  1 22.304 0.000002328 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

##
## --- H2 Model Summary (with Incentive FE) & Wald Test Output ---

##
## systemfit results
## method: SUR
##
##           N   DF     SSR  detRCov   OLS-R2 McElroy-R2
## system 2902 2892 297.634 0.010077 0.026694     0.0248
##
##            N   DF     SSR      MSE     RMSE       R2    Adj R2
## western 1451 1446 173.809 0.120200 0.346698 0.043602  0.040956
## eastern 1451 1446 123.826 0.085633 0.292631 0.001928 -0.000833
##
## The covariance matrix of the residuals used for estimation
##            western    eastern
```

```
## western  0.1201996 -0.0147034
## eastern -0.0147034  0.0856332
##
## The covariance matrix of the residuals
##            western    eastern
## western  0.1201996 -0.0147034
## eastern -0.0147034  0.0856332
##
## The correlations of the residuals
##           western   eastern
## western  1.000000 -0.144926
## eastern -0.144926  1.000000
##
##
## SUR estimates for 'western' (equation 1)
## Model Formula: western_female ~ gender_feedback * western_participant + factor(higher_incentive)
##
##                                       Estimate  Std. Error  t value
## (Intercept)                          0.08481516  0.01982652  4.27786
## gender_feedback                      0.09890860  0.02572043  3.84553
## western_participant                 -0.00588237  0.02662544 -0.22093
## factor(higher_incentive)1           -0.02310041  0.02585365 -0.89351
## gender_feedback:western_participant  0.07554048  0.03641898  2.07421
##                                        Pr(>|t|)
## (Intercept)                         0.000020108 ***
## gender_feedback                      0.00012552 ***
## western_participant                  0.82517791
## factor(higher_incentive)1            0.37173451
## gender_feedback:western_participant  0.03823674 *
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.346698 on 1446 degrees of freedom
## Number of observations: 1451 Degrees of Freedom: 1446
## SSR: 173.808691 MSE: 0.1202 Root MSE: 0.346698
## Multiple R-Squared: 0.043602 Adjusted R-Squared: 0.040956
##
##
## SUR estimates for 'eastern' (equation 2)
## Model Formula: eastern_female ~ gender_feedback * eastern_participant + factor(higher_incentive)
##
##                                       Estimate  Std. Error  t value
## (Intercept)                          0.09152755  0.01546158  5.91968
## gender_feedback                      0.02378063  0.02175701  1.09301
## eastern_participant                 -0.01156911  0.02247327 -0.51479
## factor(higher_incentive)1            0.00278224  0.02182184  0.12750
## gender_feedback:eastern_participant -0.01491949  0.03073953 -0.48535
##                                        Pr(>|t|)
## (Intercept)                         0.0000000040226 ***
## gender_feedback                             0.27457
## eastern_participant                         0.60678
## factor(higher_incentive)1                   0.89856
## gender_feedback:eastern_participant         0.62750
## ---
```

```
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.292631 on 1446 degrees of freedom
## Number of observations: 1451 Degrees of Freedom: 1446
## SSR: 123.825597 MSE: 0.085633 Root MSE: 0.292631
## Multiple R-Squared: 0.001928 Adjusted R-Squared: -0.000833

## Linear hypothesis test (Chi^2 statistic of a Wald test)
##
## Hypothesis:
## western_gender_feedback:western_participant - eastern_gender_feedback:eastern_participant = 0
##
## Model 1: restricted model
## Model 2: model_h2
##
##   Res.Df Df  Chisq Pr(>Chisq)
## 1   2893
## 2   2892  1 4.2034    0.04034 *
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

Secondary Analysis: Country-Specific Effects

```
##
## --- Country-Specific Analysis (OLS with Robust SEs) ---

##
## --- Model for DV: Chinese_female ---
##
## t test of coefficients:
##
##                                        Estimate Std. Error t value
## (Intercept)                            0.0611111  0.0103270  5.9176
## gender_feedback                       -0.0066647  0.0141570 -0.4708
## is_chinese_participant                -0.0387647  0.0151682 -2.5557
## gender_feedback:is_chinese_participant  0.0285172  0.0236611  1.2052
##                                             Pr(>|t|)
## (Intercept)                           0.000000004072 ***
## gender_feedback                                0.6379
## is_chinese_participant                         0.0107 *
## gender_feedback:is_chinese_participant         0.2283
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

##
## --- Model for DV: SouthKorean_female ---
##
## t test of coefficients:
##
##                                         Estimate Std. Error t value   Pr(>|t|)
## (Intercept)                            0.0352505  0.0079580  4.4296 0.00001015
## gender_feedback                        0.0161257  0.0123727  1.3033     0.1927
## is_korean_participant                 -0.0019171  0.0156316 -0.1226     0.9024
## gender_feedback:is_korean_participant -0.0013307  0.0241190 -0.0552     0.9560
##
## (Intercept)                           ***
## gender_feedback
## is_korean_participant
## gender_feedback:is_korean_participant
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

##
## --- Model for DV: Italian_female ---
##
## t test of coefficients:
##
##                                         Estimate Std. Error t value    Pr(>|t|)
## (Intercept)                            0.0315399  0.0075419  4.1819 0.000030640
## gender_feedback                        0.0690086  0.0149272  4.6230 0.000004119
## is_italian_participant                 0.0129046  0.0171891  0.7507      0.4529
## gender_feedback:is_italian_participant 0.0270875  0.0334878  0.8089      0.4187
##
## (Intercept)                            ***
```

```
## gender_feedback                          ***
## is_italian_participant
## gender_feedback:is_italian_participant
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

##
## --- Model for DV: German_female ---
##
## t test of coefficients:
##
##                                      Estimate Std. Error t value    Pr(>|t|)
## (Intercept)                          0.0445269  0.0089009  5.0025 0.000000635
## gender_feedback                      0.0549306  0.0155492  3.5327   0.0004243
## is_german_participant               -0.0056380  0.0170059 -0.3315   0.7402896
## gender_feedback:is_german_participant  0.0234989  0.0321992  0.7298   0.4656309
##
## (Intercept)                          ***
## gender_feedback                      ***
## is_german_participant
## gender_feedback:is_german_participant
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

Robustness Checks

H1 & H2 with Demographic Controls

```
## --- Robustness Check: H1 & H2 with Demographics & Incentive FE ---

## N for demographic robustness check: 1443

##
## --- H1 Model with Demographics & Incentive FE ---

##
## systemfit results
## method: SUR
##
##           N   DF     SSR  detRCov   OLS-R2 McElroy-R2
## system 2886 2872 296.147 0.010105 0.025948   0.024316
##
##            N   DF     SSR      MSE     RMSE       R2    Adj R2
## western 1443 1436 173.378 0.120737 0.347472 0.041333  0.037328
## eastern 1443 1436 122.769 0.085493 0.292393 0.003359 -0.000806
##
## The covariance matrix of the residuals used for estimation
##            western    eastern
## western  0.1207371 -0.0147243
## eastern -0.0147243  0.0854934
##
## The covariance matrix of the residuals
##            western    eastern
## western  0.1207371 -0.0147243
## eastern -0.0147243  0.0854934
##
## The correlations of the residuals
##           western   eastern
## western  1.000000 -0.144926
## eastern -0.144926  1.000000
##
##
## SUR estimates for 'western' (equation 1)
## Model Formula: western_female ~ gender_feedback + western_participant + factor(higher_incentive) +
##     gender_male + race_white + age
##
##                               Estimate   Std. Error  t value
## (Intercept)                0.062668139  0.035328318  1.77388
## gender_feedback            0.136019990  0.018306143  7.43029
## western_participant        0.006630450  0.034092512  0.19448
## factor(higher_incentive)1 -0.022990224  0.026229768 -0.87649
## gender_male               -0.012750204  0.018424319 -0.69203
## race_white                 0.029669783  0.033757772  0.87890
## age                        0.000268393  0.000905565  0.29638
##                                        Pr(>|t|)
## (Intercept)                            0.076295 .
## gender_feedback           0.00000000000018519 ***
```

```
## western_participant                  0.845824
## factor(higher_incentive)1            0.380908
## gender_male                          0.489030
## race_white                           0.379601
## age                                  0.766982
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.347472 on 1436 degrees of freedom
## Number of observations: 1443 Degrees of Freedom: 1436
## SSR: 173.378473 MSE: 0.120737 Root MSE: 0.347472
## Multiple R-Squared: 0.041333 Adjusted R-Squared: 0.037328
##
##
## SUR estimates for 'eastern' (equation 2)
## Model Formula: eastern_female ~ gender_feedback + eastern_participant + factor(higher_incentive) +
##     gender_male + race_white + age
##
##                                Estimate   Std. Error  t value Pr(>|t|)
## (Intercept)                 0.092544760  0.037679343  2.45611 0.014163 *
## gender_feedback             0.018377052  0.015404330  1.19298 0.233074
## eastern_participant        -0.030301138  0.028688310 -1.05622 0.291046
## factor(higher_incentive)1   0.005361222  0.022071935  0.24290 0.808119
## gender_male                -0.017309973  0.015503773 -1.11650 0.264395
## race_white                 -0.014042927  0.028406631 -0.49435 0.621132
## age                         0.000679101  0.000762019  0.89119 0.372978
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.292393 on 1436 degrees of freedom
## Number of observations: 1443 Degrees of Freedom: 1436
## SSR: 122.76854 MSE: 0.085493 Root MSE: 0.292393
## Multiple R-Squared: 0.003359 Adjusted R-Squared: -0.000806

## Wald Test (H1 w/ Demographics & Incentive FE): p-value = 0.000004231129


##
## --- H2 Model with Demographics & Incentive FE ---


##
## systemfit results
## method: SUR
##
##           N   DF    SSR  detRCov   OLS-R2 McElroy-R2
## system 2886 2870 295.61 0.010084 0.027714   0.026064
##
##            N   DF     SSR      MSE     RMSE       R2    Adj R2
## western 1443 1435 172.873 0.120469 0.347087 0.044128  0.039465
## eastern 1443 1435 122.737 0.085531 0.292457 0.003616 -0.001244
##
## The covariance matrix of the residuals used for estimation
##            western    eastern
## western  0.1204691 -0.0148228
```

```
## eastern -0.0148228  0.0855309
##
## The covariance matrix of the residuals
##            western    eastern
## western  0.1204691 -0.0148228
## eastern -0.0148228  0.0855309
##
## The correlations of the residuals
##           western   eastern
## western  1.000000 -0.146026
## eastern -0.146026  1.000000
##
##
## SUR estimates for 'western' (equation 1)
## Model Formula: western_female ~ gender_feedback * western_participant + factor(higher_incentive) +
##     gender_male + race_white + age
##
##                                       Estimate   Std. Error  t value
## (Intercept)                         0.081892213  0.036515932  2.24264
## gender_feedback                     0.098516572  0.025877464  3.80704
## western_participant                -0.032333211  0.039007794 -0.82889
## factor(higher_incentive)1          -0.021469471  0.026211154 -0.81910
## gender_male                        -0.014272274  0.018418853 -0.77487
## race_white                          0.031785698  0.033736100  0.94219
## age                                 0.000263071  0.000904563  0.29083
## gender_feedback:western_participant  0.074981414  0.036608467  2.04820
##                                       Pr(>|t|)
## (Intercept)                         0.02507198 *
## gender_feedback                     0.00014656 ***
## western_participant                 0.40730391
## factor(higher_incentive)1           0.41286722
## gender_male                         0.43854228
## race_white                          0.34625574
## age                                 0.77122613
## gender_feedback:western_participant 0.04072218 *
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.347087 on 1435 degrees of freedom
## Number of observations: 1443 Degrees of Freedom: 1435
## SSR: 172.873091 MSE: 0.120469 Root MSE: 0.347087
## Multiple R-Squared: 0.044128 Adjusted R-Squared: 0.039465
##
##
## SUR estimates for 'eastern' (equation 2)
## Model Formula: eastern_female ~ gender_feedback * eastern_participant + factor(higher_incentive) +
##     gender_male + race_white + age
##
##                                       Estimate   Std. Error  t value Pr(>|t|)
## (Intercept)                         0.087598069  0.038552556  2.27217 0.023224
## gender_feedback                     0.027768944  0.021797064  1.27398 0.202878
## eastern_participant                -0.020536942  0.032868137 -0.62483 0.532183
## factor(higher_incentive)1           0.005742319  0.022085632  0.26000 0.794899
## gender_male                        -0.017691400  0.015519806 -1.13992 0.254508
```

```
## race_white                           -0.013512684  0.028426185 -0.47536 0.634602
## age                                   0.000677767  0.000762189  0.88924 0.374024
## gender_feedback:eastern_participant -0.018790155  0.030846454 -0.60915 0.542521
##
## (Intercept)                          *
## gender_feedback
## eastern_participant
## factor(higher_incentive)1
## gender_male
## race_white
## age
## gender_feedback:eastern_participant
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.292457 on 1435 degrees of freedom
## Number of observations: 1443 Degrees of Freedom: 1435
## SSR: 122.736802 MSE: 0.085531 Root MSE: 0.292457
## Multiple R-Squared: 0.003616 Adjusted R-Squared: -0.001244

## Wald Test (H2 w/ Demographics & Incentive FE): p-value = 0.0342543
```

Handling Dropouts

```
##
## --- Robustness Check: Dropout Analysis (H1 Base Model) ---

##
## Dropout Robustness: Assuming Male
## Wald Test (H1 dropout - Male ): p = <0.001

##
## Dropout Robustness: Assuming Eastern Female
## Wald Test (H1 dropout - Eastern Female ): p = <0.001

##
## Dropout Robustness: Assuming Western Female
## Wald Test (H1 dropout - Western Female ): p = <0.001
```

Gender Recognition Analysis

```
##
## --- Gender Recognition Analysis ---

##
## --- Participant-Level Recognition Analysis ---

## Calculated and merged P_gender_unrecognized for 1446 participants.

##
## --- Feedback Treatment Interaction with P_gender_unrecognized ---

##
## Model: female_pick ~ gender_feedback * P_gender_unrecognized (All Participants)

##
## t test of coefficients:
##
##                                          Estimate Std. Error t value
## (Intercept)                             0.1301312  0.0177277  7.3406
## gender_feedback                         0.1543969  0.0289534  5.3326
## P_gender_unrecognized                   0.1568404  0.0641598  2.4445
## gender_feedback:P_gender_unrecognized -0.0027799  0.0983442 -0.0283
##                                                  Pr(>|t|)
## (Intercept)                            0.000000000000354 ***
## gender_feedback                        0.000000112258912 ***
## P_gender_unrecognized                           0.01462 *
## gender_feedback:P_gender_unrecognized           0.97745
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

##
## Model (Western Participants Only)

##
## t test of coefficients:
##
##                                           Estimate Std. Error t value    Pr(>|t|)
## (Intercept)                              0.125032   0.026629  4.6954 0.000003188
## gender_feedback                          0.211354   0.046414  4.5537 0.000006191
## P_gender_unrecognized                    0.171097   0.088119  1.9417     0.05257
## gender_feedback:P_gender_unrecognized -0.047916   0.140742 -0.3405     0.73362
##
## (Intercept)                             ***
## gender_feedback                         ***
## P_gender_unrecognized                   .
## gender_feedback:P_gender_unrecognized
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

##
## Model (Eastern Participants Only)
```

```
##
## t test of coefficients:
##
##                                          Estimate Std. Error t value
## (Intercept)                              0.134207   0.023905  5.6143
## gender_feedback                          0.115385   0.037009  3.1178
## P_gender_unrecognized                    0.142692   0.097248  1.4673
## gender_feedback:P_gender_unrecognized -0.037149   0.142303 -0.2611
##                                              Pr(>|t|)
## (Intercept)                           0.00000002819 ***
## gender_feedback                              0.001895 **
## P_gender_unrecognized                        0.142730
## gender_feedback:P_gender_unrecognized        0.794127
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

##
## --- Name-Level Recognition Analysis ---

## Created long dataset for name-level analysis with 34704 valid ratings.

## Calculated name-level summary for 80 unique scholars.

##
## --- Comparison of Name Recognition Rates (Eastern vs. Western Names) ---

##
## T-test: P_name_gender_unrecognized ~ Region (All Participants - Name Level)

##
##  Welch Two Sample t-test
##
## data:  P_name_gender_unrecognized by Region
## t = 12.967, df = 53.1, p-value < 0.00000000000000022
## alternative hypothesis: true difference in means between group Eastern and group Western is not equal
## 95 percent confidence interval:
##  0.1763784 0.2409249
## sample estimates:
## mean in group Eastern mean in group Western
##             0.3103139             0.1016623

##
## OLS: P_name_gender_unrecognized ~ Eastern_name (All Participants - Name Level)

##
## t test of coefficients:
##
##              Estimate Std. Error t value              Pr(>|t|)
## (Intercept)  0.101662   0.014957   6.797        0.000000001912 ***
## Eastern_name 0.208652   0.016296  12.804 < 0.00000000000000022 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

```
##
## --- Comparisons for Western Participants Only (Name Level) ---

## T-test:

##
##  Welch Two Sample t-test
##
## data:  P_name_gender_unrecognized by Region
## t = 18.257, df = 63.462, p-value < 0.00000000000000022
## alternative hypothesis: true difference in means between group Eastern and group Western is not equal
## 95 percent confidence interval:
##  0.3002084 0.3739943
## sample estimates:
## mean in group Eastern mean in group Western
##            0.41714616            0.08004477

##
## OLS:

##
## t test of coefficients:
##
##              Estimate Std. Error t value             Pr(>|t|)
## (Intercept)  0.080045   0.016079  4.9784           0.000003752 ***
## Eastern_name 0.337101   0.018700 18.0271 < 0.00000000000000022 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

##
## --- Comparisons for Eastern Participants Only (Name Level) ---

## T-test:

##
##  Welch Two Sample t-test
##
## data:  P_name_gender_unrecognized by Region
## t = 4.8762, df = 60.175, p-value = 0.000008262
## alternative hypothesis: true difference in means between group Eastern and group Western is not equal
## 95 percent confidence interval:
##  0.04750032 0.11357088
## sample estimates:
## mean in group Eastern mean in group Western
##             0.2043870             0.1238514

##
## OLS:

##
## t test of coefficients:
##
```

```
##              Estimate Std. Error t value          Pr(>|t|)
## (Intercept)  0.123851   0.014698  8.4265 0.000000000001401 ***
## Eastern_name 0.080536   0.016727  4.8148 0.000007085101019 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

##
## --- Interaction Model with Participant Fixed Effects ---

## OLS estimation, Dep. Var.: unrecognized_rating
## Observations: 34,704
## Fixed-effects: ParticipantID: 1,446
## Standard-errors: Clustered (ParticipantID)
##                                   Estimate Std. Error  t value  Pr(>|t|)
## Eastern_name                      0.329986   0.012484  26.4330 < 2.2e-16 ***
## Eastern_name:eastern_participant -0.258854   0.014581 -17.7531 < 2.2e-16 ***
## ... 1 variable was removed because of collinearity (eastern_participant)
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
## RMSE: 0.31561     Adj. R2: 0.383748
##                 Within R2: 0.124969
```

Figure

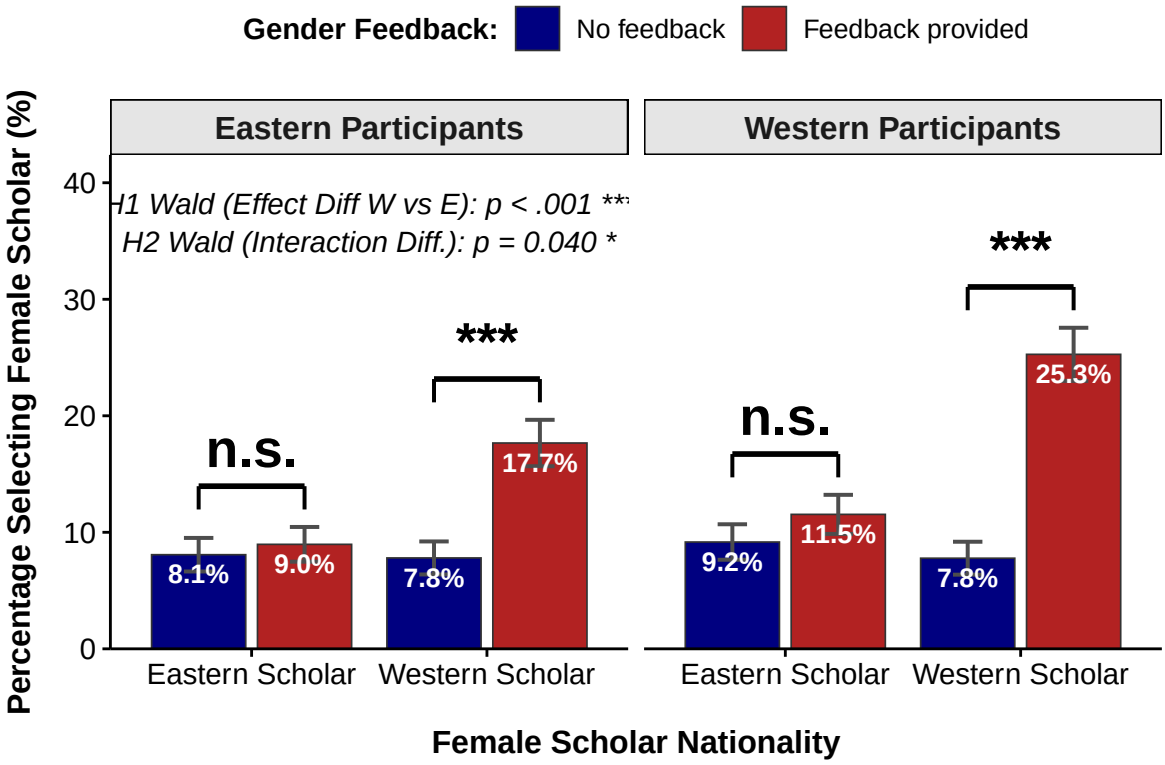

Figure 1: Effect of Gender Feedback on Selecting Female Scholars