

# Study S3: Author Attribute Importance Pretest

December 12, 2025

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## Read Data

```
# Set this to TRUE if you have API access, FALSE if using CSV
USE_API <- TRUE

if(USE_API) {
  ## Pull directly from Qualtrics API
  data_raw <- fetch_survey(
    surveyID = "SV_cASPdJCJOBdOu1M",
    verbose = FALSE
  )

  # Filter for September 26, 2025 and clean
  d0 <- data_raw %>%
    mutate(date = as.Date(StartDate)) %>%
    filter(date == as.Date("2025-09-26"),
           Finished == TRUE,
           !is.na(attribute),
           !is.na(importance),
           !is.na(workerId)) %>%
    mutate(
      importance_clean = clean_importance(importance),
      attribute_clean = trimws(attribute)
    ) %>%
    filter(!is.na(importance_clean)) %>%
    select(workerId, attribute_clean, importance_clean, gender)

  # Calculate number excluded
  num_excluded <- nrow(data_raw) %>% filter(as.Date(StartDate) == as.Date("2025-09-26"))
  ← - nrow(d0)
  d0$num_excluded_total <- num_excluded

  # Write the API-pulled data into a CSV file
  write.csv(d0, 'StudyS3.csv', row.names = FALSE, quote = TRUE)
}

} else {
  # Read the processed data directly from CSV
  d0 <- read.csv('StudyS3.csv', check.names = FALSE)
  num_excluded <- unique(d0$num_excluded_total)
}
```

## Demographics

```
## Total N: 573  
  
## Excluded: 78  
  
##

|                                      | Gender     | Percentage |
|--------------------------------------|------------|------------|
| ## 1                                 | Woman      | 45.0       |
| ## 2                                 | Man        | 53.9       |
| ## 3                                 | Non-binary | 0.9        |
| ## 4 Another gender not listed here: |            | 0.2        |


```

## Analysis: Comparison to Gender

```
## Gender: M = 3.81 , SD = 1.52

##                                         Attribute
## won a Pulitzer Prize, Nobel Prize or National Book Award.
## ever wrote fiction.
## wrote books, poems or essays spanning multiple genres.
## wrote at least one book that remained in continuous print for over 50 years.
## wrote one of the 500 most commonly taught books in US colleges.
## wrote at least one book that sold over 1 million copies.
## published their first book in last 5 years.
## were born in the United States.
## had their work translated into at least 20 languages.
## ever wrote poetry.
## ever had their work adapted into a major motion picture.
## wrote at least one book that appears on the American Library Association's banned books list.
## ever had their work included in a major literary anthology (e.g. Norton, Oxford).
## wrote an autobiography.
## wrote primarily about war and civil unrest.
## have been writing professionally for over 30 years.
## are still alive.
## wrote more than 10 books.
## died in the last century.
## were born in the 1800s.
## published their first book before the age of 25.

##      M (SD) Cohen's d One-sided p
##  4.44 (1.76)   -0.38    0.001
##  4.4 (1.94)    -0.34    0.002
##  4.33 (1.74)   -0.32    0.003
##  4.23 (1.5)    -0.28    0.004
##  4.16 (1.57)   -0.23    0.006
##     4 (1.83)   -0.11    0.017
##  3.44 (1.83)    0.22    0.161
##    3.4 (2)      0.23    0.170
##  3.28 (1.97)    0.30    0.240
##  3.24 (2.09)    0.31    0.252
##  3.29 (1.65)    0.33    0.269
##  3.24 (1.83)    0.34    0.282
##  3.16 (2.01)    0.36    0.314
##  3.12 (1.76)    0.42    0.385
##  3.12 (1.67)    0.43    0.403
##  2.92 (1.61)    0.57    0.594
##    2.8 (1.76)   0.61    0.656
##  2.84 (1.6)     0.62    0.664
##  2.72 (1.79)    0.66    0.707
##  2.38 (1.38)    0.98    0.954
##  1.84 (1.31)    1.38    0.999
```