Holland Stam's thesis work, titled Quantifying art historical narratives

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Dataset description

"This package contains data that was used for Holland Stam's thesis work, titled Quantifying art historical narratives. The data was collected to assess the demographic representation of artists through editions of Janson's History of Art and Gardner's Art Through the Ages, two of the most popular art history textbooks used in the American education system."

https://github.com/rfortherestofus/rin3-datasets/tree/main/getting-started-datasets/artists

Packages used

```
library(tidyverse)
library(ggthemes)
library(knitr)
```

Import data

```
artist <- read_csv("https://raw.githubusercontent.com/rfortherestofus/rin3-datasets/main/gett

glimpse(artist)

View(artist)
```

Data wrangling

Find out which nationalities are the most prevalent

```
artist |>
  count(artist_nationality) |>
  arrange(desc(n))
```

Using the top 4 nationalities, get a count of nationalities by gender

```
artist_count <- artist |>
  select(artist_nationality, artist_gender) |>
  filter(artist_nationality %in% c("American","French","British","German")) |>
  mutate(artist_gender = fct(artist_gender, levels = c("Male", "Female", "N/A"))) |>
  count(artist_nationality, artist_gender, .drop = FALSE)
```

```
kable(head(artist_count))
```

Table 1: Top 4 nationalities by gender

artist_nationality	artist_gender	n
American	Male	718
American	Female	178
American	N/A	12
British	Male	294
British	Female	23
British	N/A	0

Data visualization

Most frequent artist nationalities by gende editions of Janson's History of Art and Ga Through the Ages

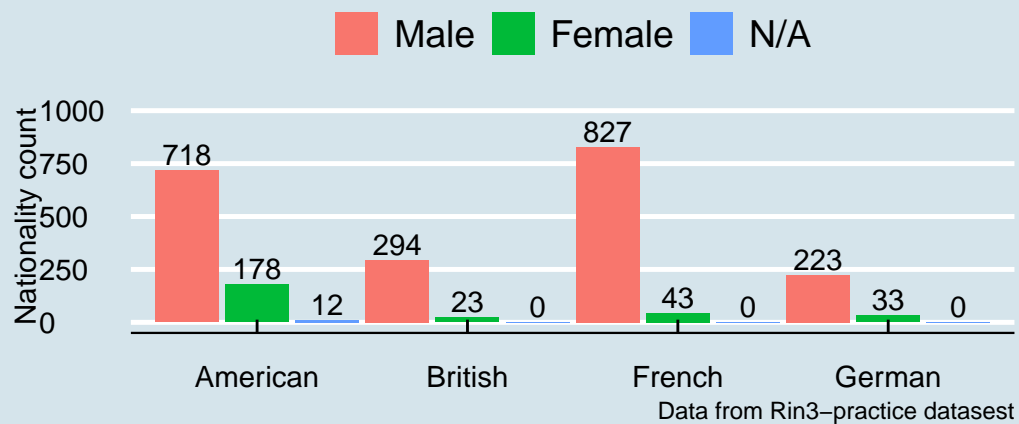The most frequent nationalities are American and French

Male   Female   N/A

Nationality count

American: 718, 178, 12
British: 294, 23, 0
French: 827, 43, 0
German: 223, 33, 0

Data from Rin3–practice datasest

Figure 1: Most frecuent artist nationalities by gender