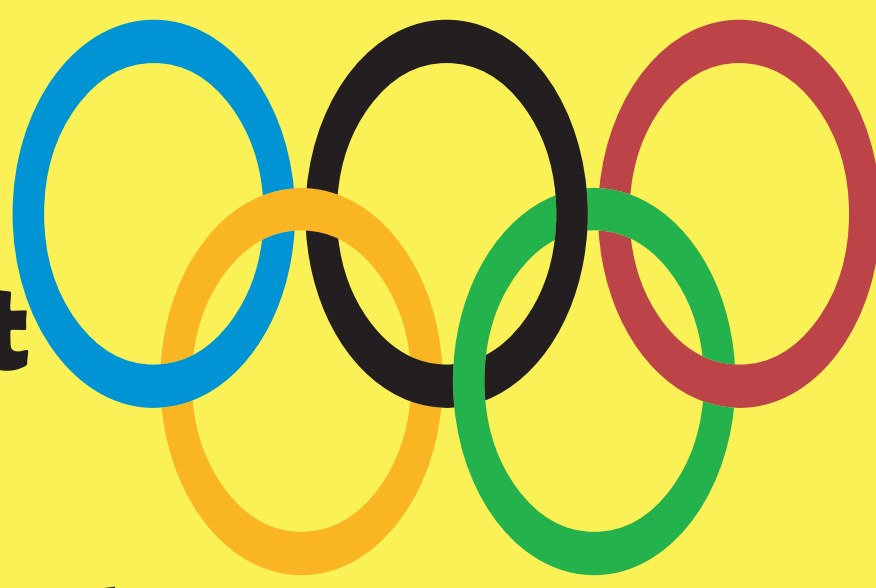


OLYMPICS : A PEEP IN THE HISTORY



Olympics has gone through a lot of changes since it’s inception. It had Art Competitions which were cancelled after 1948. Women participation is at all time high and athletes have plethora of medals.

By: SANMAN YADAV - IST 719

Data Description

This is a historical data of Olympic Games from 1896 to 2016. The data contains both the Winter and Summer Olympics. The data file contains 271116 rows and 15 columns. Each row corresponds to an individual athlete competing in an individual Olympic event.

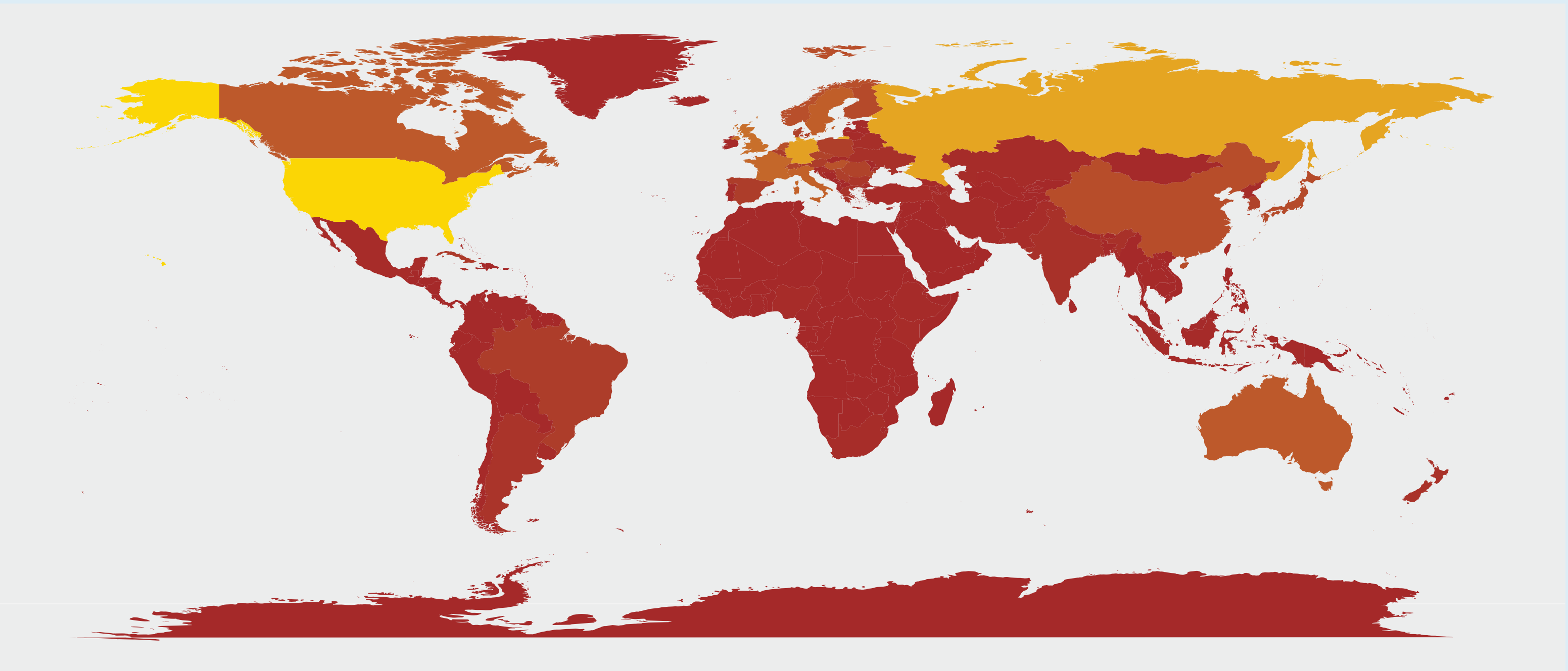
Motivation

Olympics have a lot of history. It has served to World Wars. Sports always brings the people together and this is what the Olympics does. The sports enthusiasts will find it interesting to see the history of olympics and all the changes that it has gone through. Plus the section about Art Competitions will increase the curiosity.

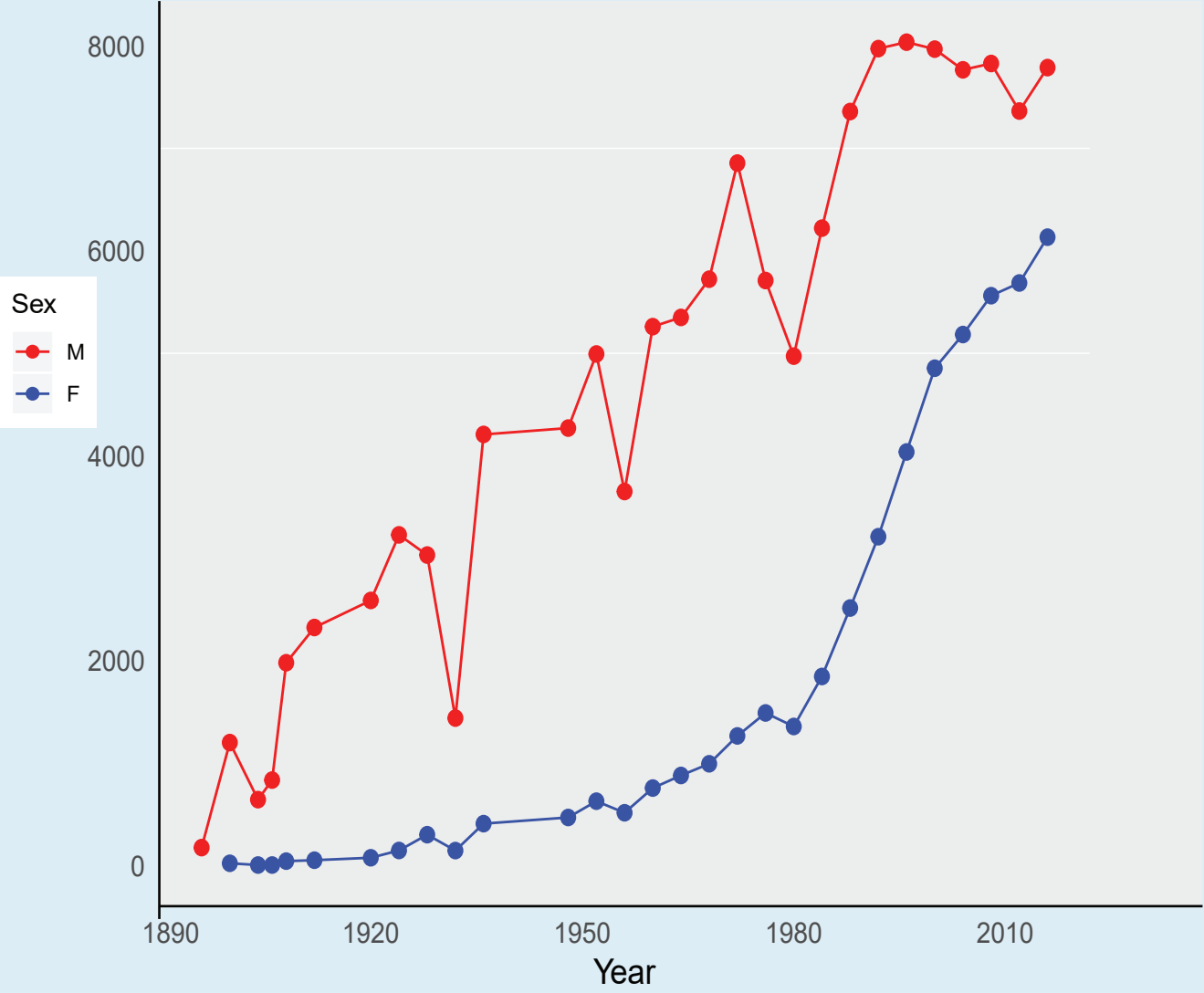
Questions

- 1. What is the distribution of the medals throughout the world?
- 2. How has the female participation increased throughout the years?
- 3. What were Art Competitions in Olympics and which country dominate them?

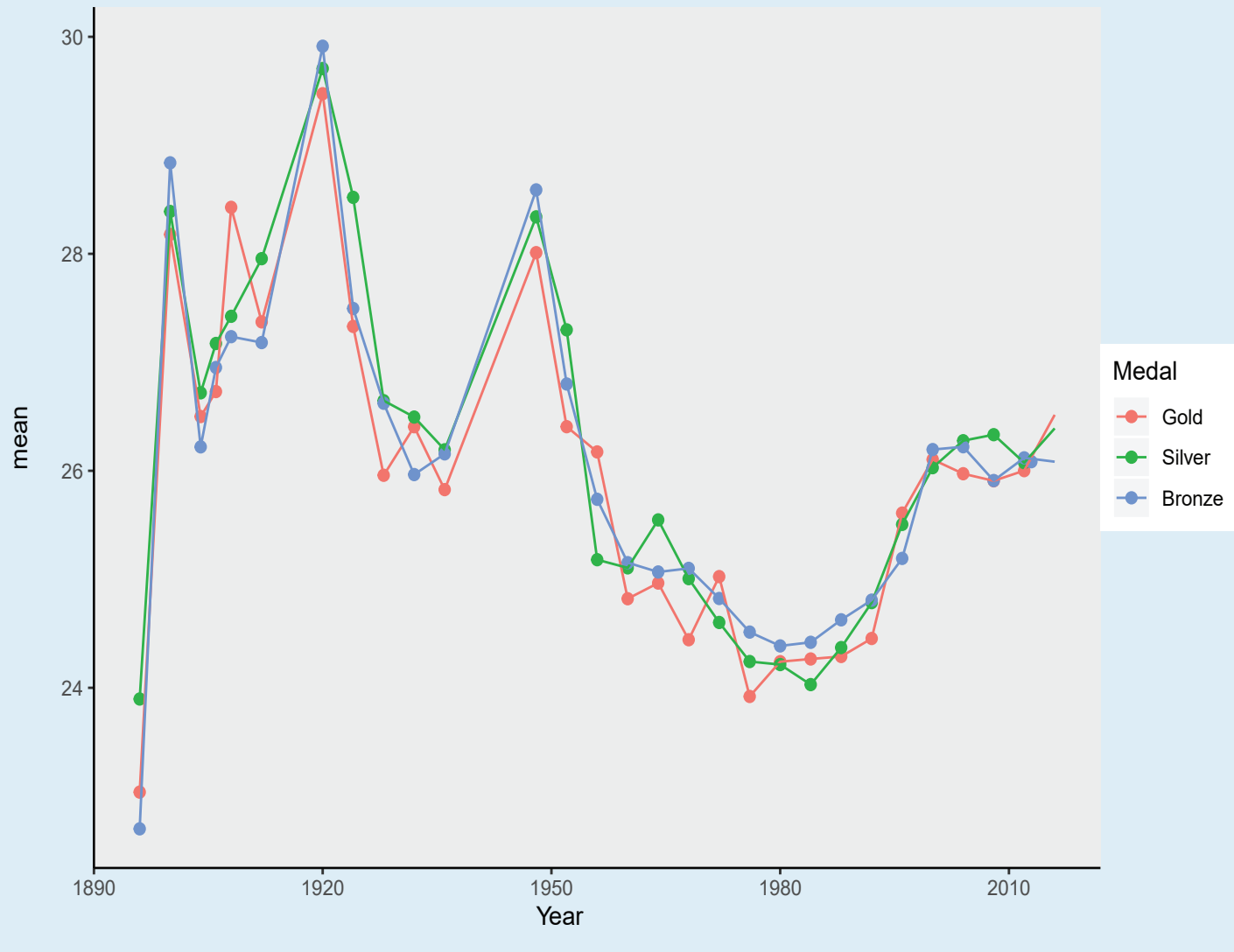
Medals Won By Countries



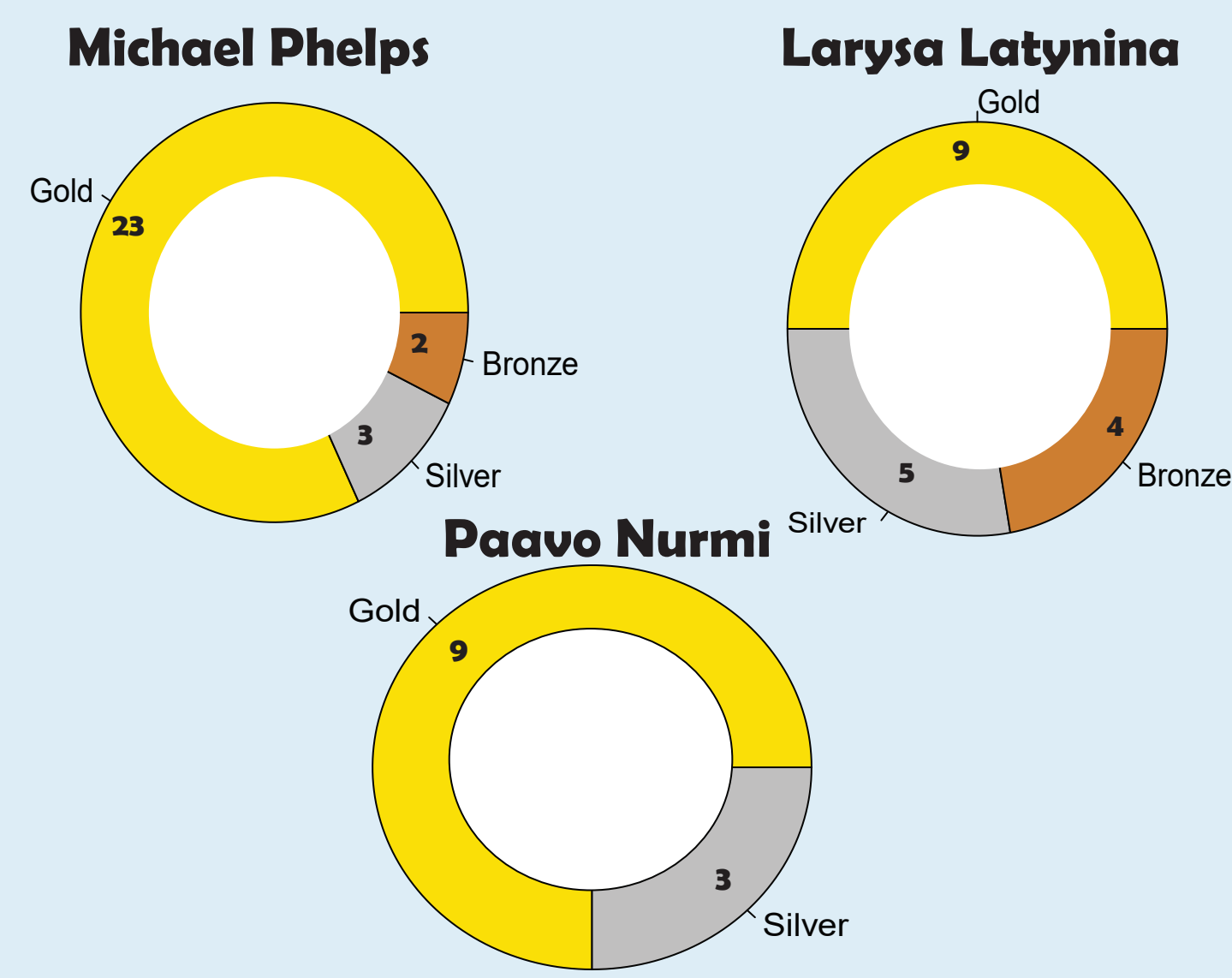
Male and Female in Olympics



Medal Winners Average Age



Top Athletes in Olympics by Gold Medals



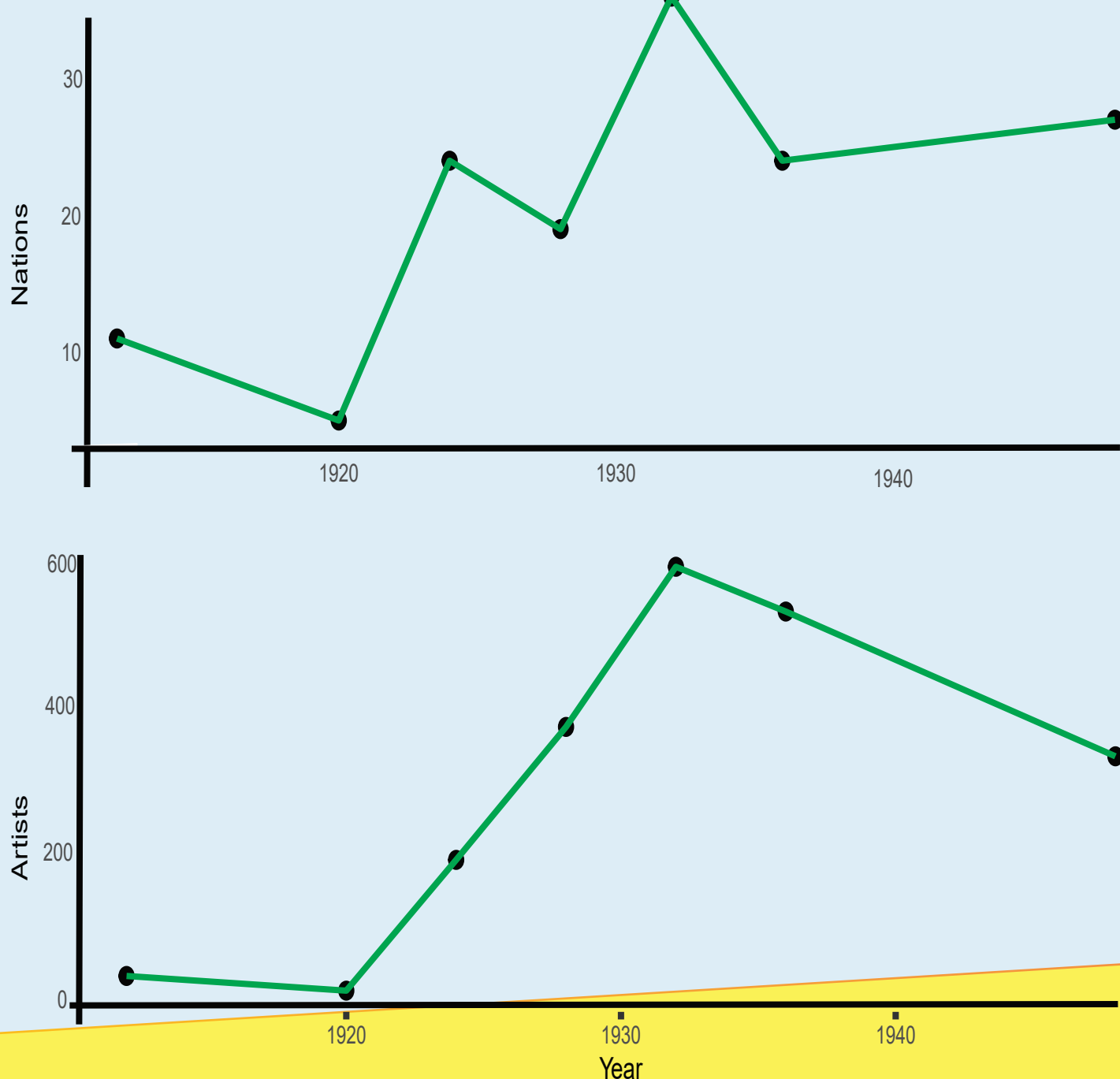
The Art Competitions (1921 to 1948)

The art competitions were staged from 1921 to 1948 and had 5 disciplines: Architecture, Sculpting, Painting, Literature and Music. In these years about 25 nations and about 500 artists took part in them every year. In 1954, the IOC concluded that art should no longer be included in the Olympics. There are two reasons why the Arts were excluded from the Olympics, 1> Art isn’t a sport, 2> IOC at the time was obsessed with the idea that Olympians should not be paid so much as a penny for their talents, and they determined that the artists, who had a habit of selling their art after the Olympics, were not “amateurs.”

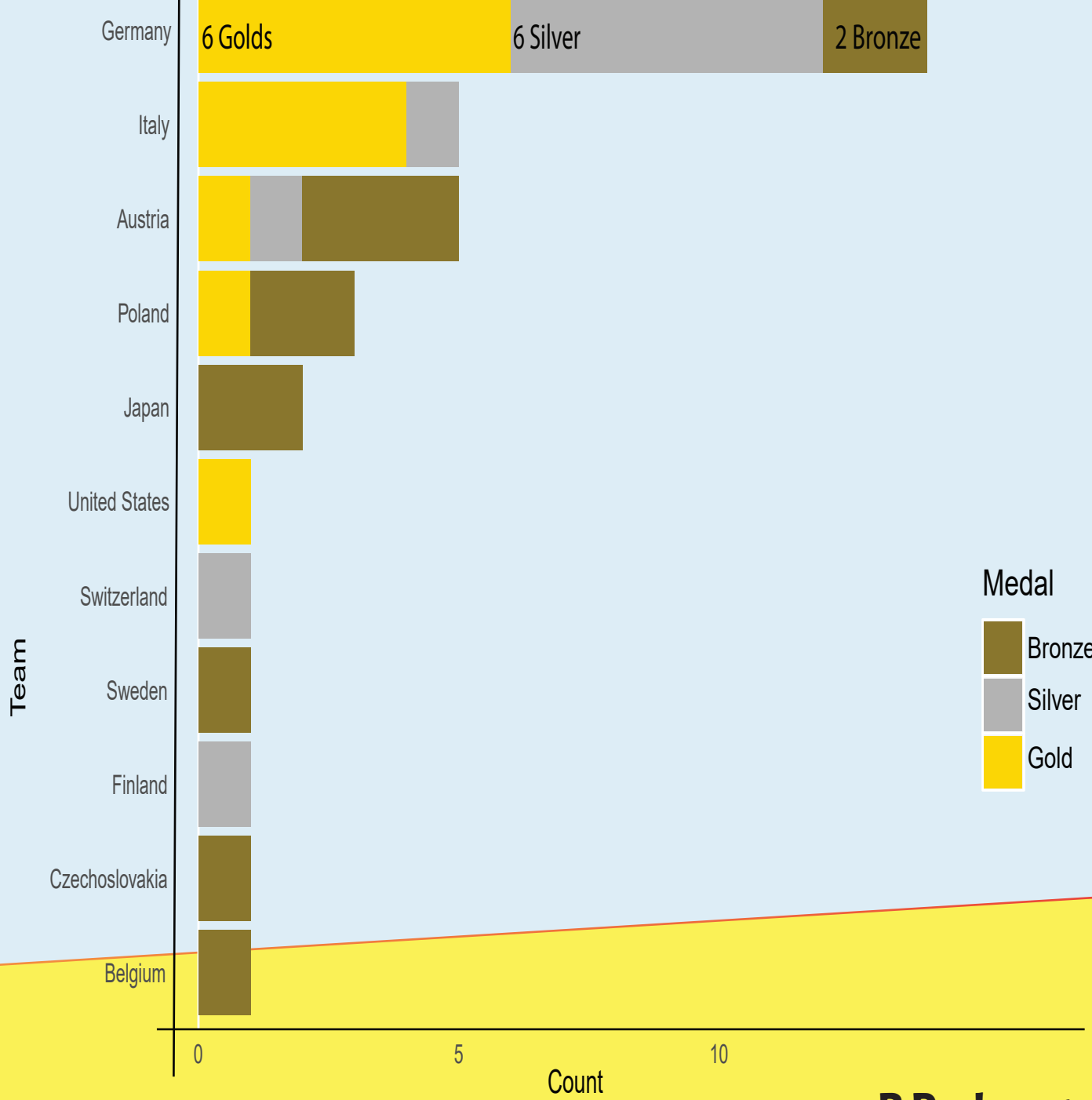
References:

<https://www.kaggle.com/heesoo37/120-years-of-olympic-history-athletes-and-results>
<https://www.colourlovers.com/palette>
[http://www.cookbook-r.com/Graphs/Colors_\(ggplot2\)/](http://www.cookbook-r.com/Graphs/Colors_(ggplot2)/)

Distribution of Artists and Nations in Arts



Germany Out Performs In 1936



R Packages:

-plotly
-tidyverse
-ggplot2
-data.table