

Comparative Analysis of Olympic Success

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Findings Summary:

- India has fared somewhat poorly compared to other countries in past Olympic events. This is revealed by the bar graph in Figure 1 below which plots the cumulative medals that Brazil, Pakistan, India, and South Africa won during years in which they all competed. These countries were chosen as Pakistan is of similar economic standing and Brazil and South Africa are both emerging market economies, one from South America and one from Africa, providing a fair and diverse comparison. India falls short of all of them with regard to bronze, silver, and gold medals, except Pakistan.
- The three most consistently dominant countries, in both the summer and the winter Olympics are France, the United Kingdom, and the United States, all of which see medal counts higher than average across the board. This is detailed in Figure 2 below.
- Countries who manage to punch above their weight include Finland, France, Hungary, and Italy, as detailed in the graphs in Figure 3 below. We define this as a countries ability to win more medals than the average fairly consistently or at least more often than the other countries. as well as by the number of athletes they have competing in a given year. An athlete count below the average further contributes to this ability.
- My favorite event at the Olympics is athletics. To my disdain, as shown in Figure 4 below, the best athletes in the world come from the United States, at least when measuring for the quantity of medal won. They manage to more than double their runner up, the United Kingdom.

Data Visualisation:

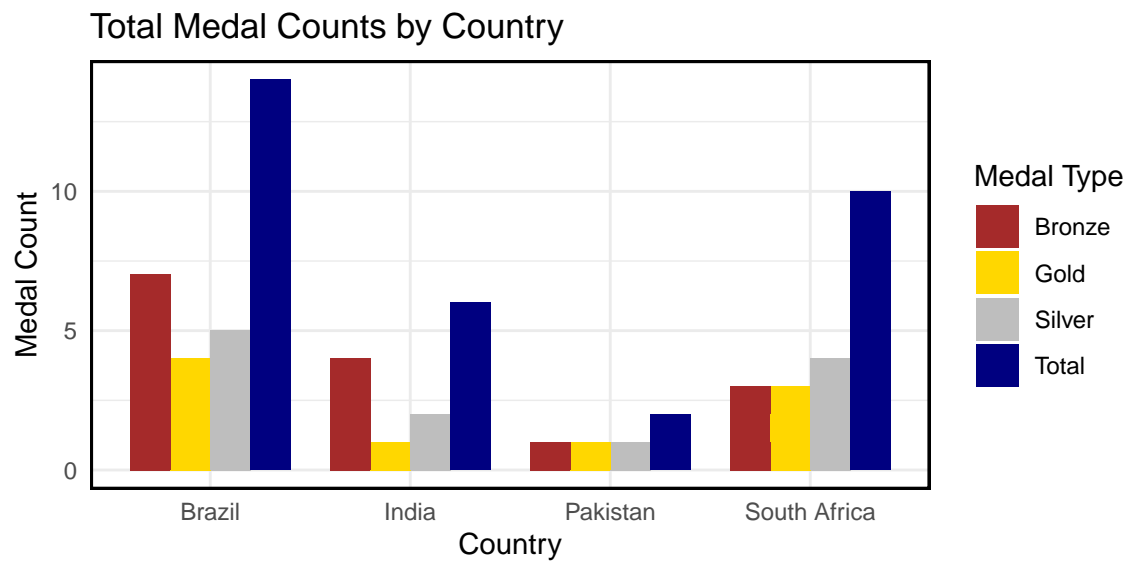


Figure 1: India's Past Olympic Performance.

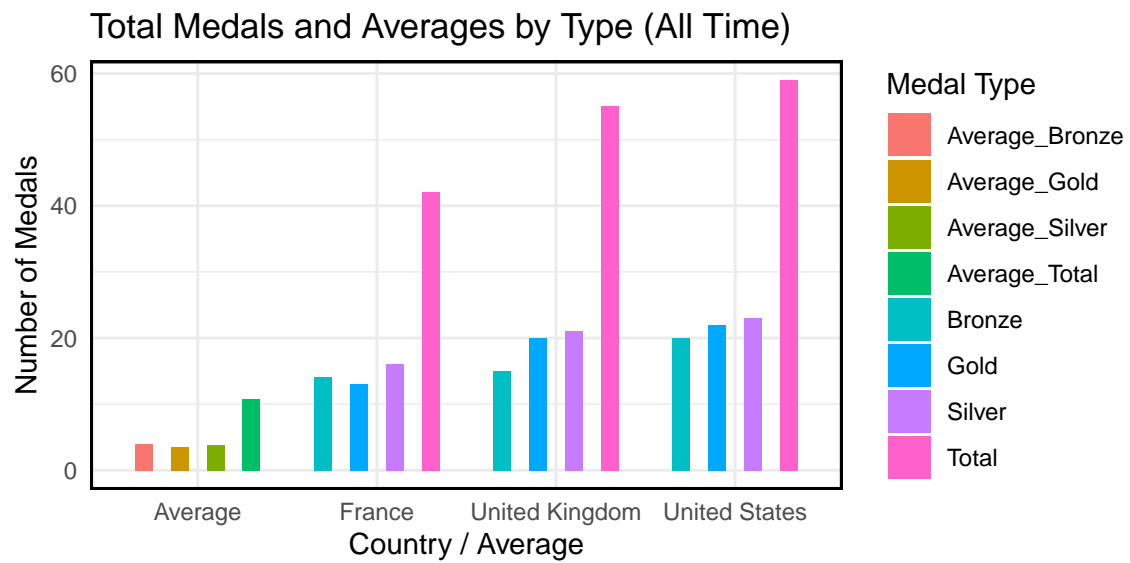


Figure 2: Dominant Countries.

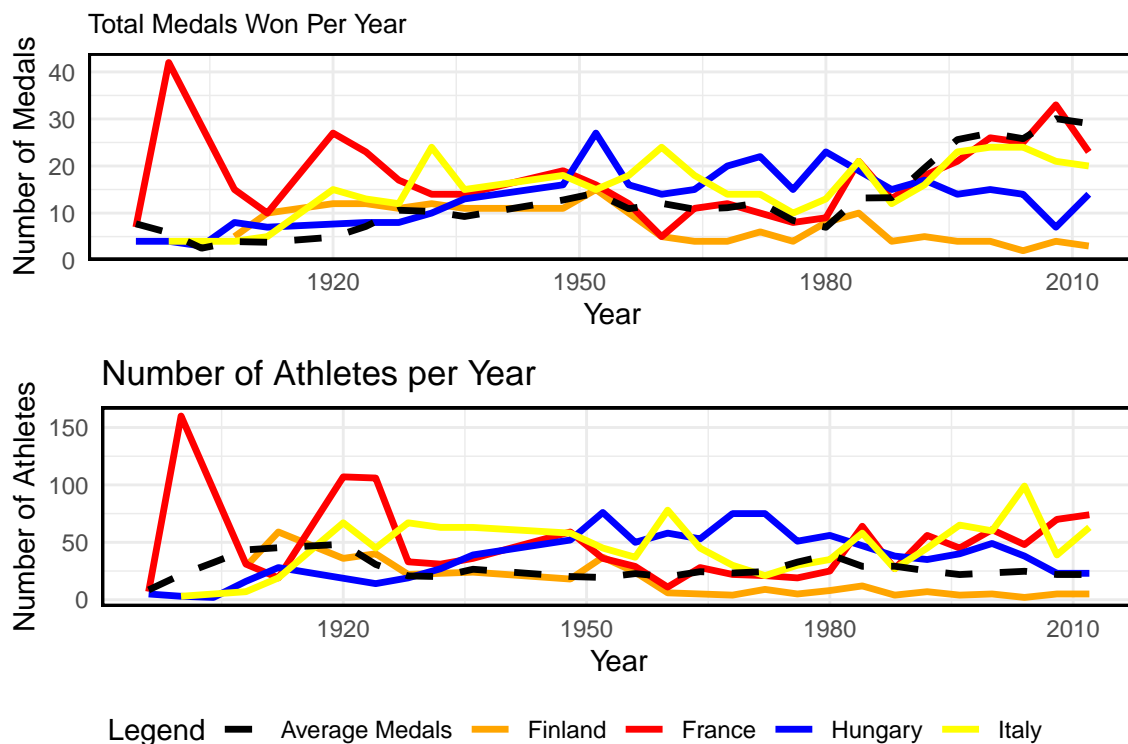


Figure 3: Countries that punch above their weight.

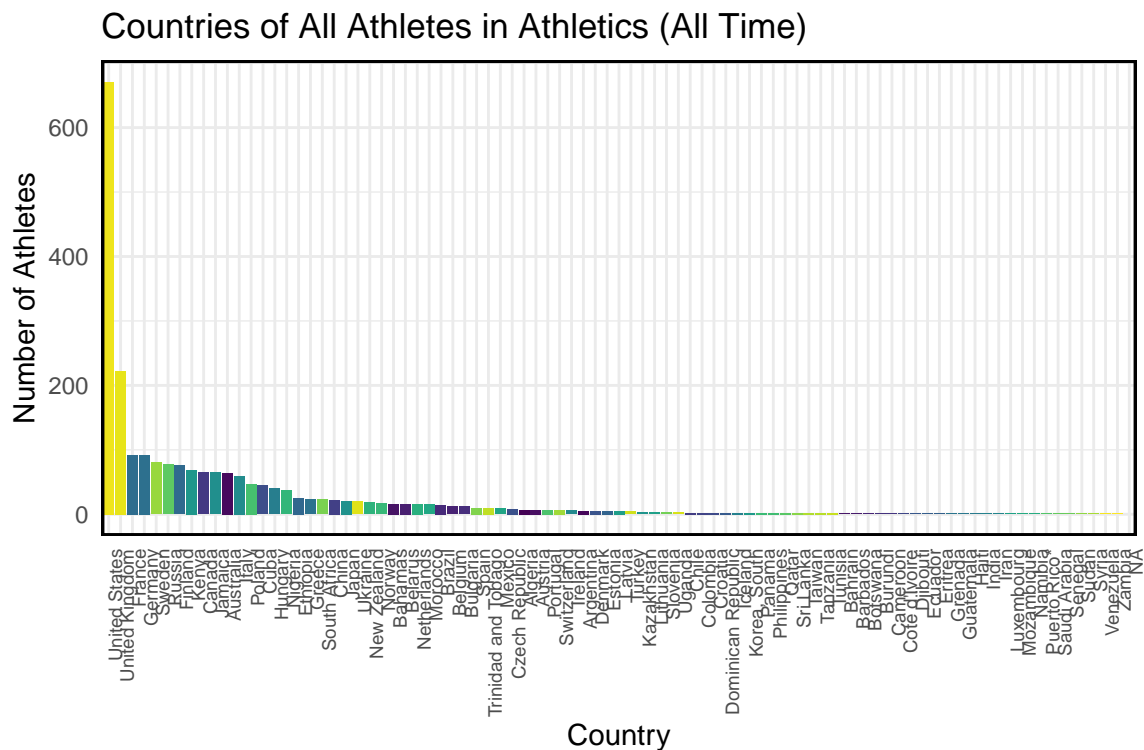


Figure 4: Countries According to Athletics Medals.