Wealth vs Wins

This data visualization is comparing the medals that countries won at the Olympics to their GDP per capita. The goal of putting these data side by side was to see how the wealth available in a country impacts the performance of the athletes, and therefore if wealthier countries have an unfair advantage.

I was surprised to find that the GDP per capita and the number of medals don't correlate as much as I thought they would. For example China, who has the second most total medals and is tied with the USA for the most gold medals, is 45th in the rankings of GDP per capita among the countries that won medals. And Ireland, who only won 7 medals, had the highest GDP per capita in the dataset.

Interestingly, total GDP correlated more strongly with medals won. This, I suppose, might be because higher population might correlate with total medals won, and countries with higher populations have greater reductions from total GDP to GDP per capita compared to countries with smaller populations.

PARIS 2024

Medals Won   0 11 22 33 44

GDP per Capita   1,126 27,677 54,228 80,779 107,330

All Max   All Min

Golds Won

GDP per Capita

Silvers Won

Bronzes Won