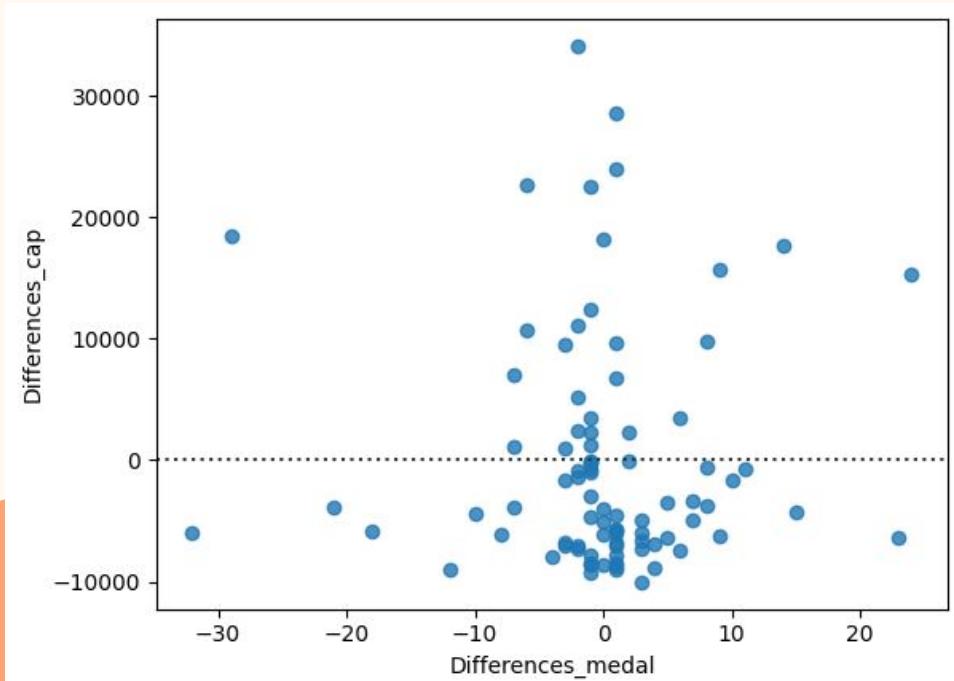


Research Question: Is there a relationship between a country's **Olympic medal count** and **GDP per capita**?

By: Myriam Randiga, Connor Richards, and Coco Reed



Key findings and conclusions: Our null hypothesis states that there is no relationship between the differences in medal and GDP per capita from 2016 to 2000.



	coef	std err	t	P> t	[0.025	0.975]
Intercept	0.7384	1.208	0.611	0.543	-1.663	3.140
Differences_cap	-7.759e-05	9.05e-05	-0.857	0.394	-0.000	0.000

- The **p-value of 0.543** tells us that the intercept is different from zero, allowing us to **reject the null hypothesis.**
- There is a slight **positive relationship** between medal count and GDP per capita.



Sources

Olympic Medal Count 2000

Olympic Medal Count 2016

GDP per capita 2016

<https://countryeconomy.com/gdp?year=2016>

GDP per capita 2000

<https://countryeconomy.com/gdp?year=2000>