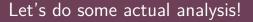
## Linear regression

McMaster University

Caitlin Simopoulos



Now that we've got the hang of some R commands, let's do some real analysis

## Linear regression

- ▶ is a *supervised* machine learning technique
- ▶ the model learns from known data, and can be used to predict
- explains the relationship between dependent (Y) and independent (X) variables
- ▶ a "simple" linear regression is equivalent to a correlation