Linear regression

McMaster University

Caitlin Simopoulos

2017-05-26

Let's do some actual analysis!

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