

# MORE WITH THE METHOD

## ***variables:***

factors that can change in an experiment

### **independent (manipulated/experimental)**

- what is changed / what changes

### **dependent (responding)**

- what changes as a result

- data that is collected

### **controls (controlled variables/constants)**

- all else that may affect outcome

## ***question:***

a statement that explores the relationship *between* variables

***How does IV affect DV?***

***What is the effect of IV on DV?***

***What effect does IV have on DV?***

***Does IV affect DV?***

## ***hypothesis:***

a statement that proposes a relationship *between* variables

***I think anticipated conclusion because background knowledge***

***If X then Y (cause is the IV and effect is the DV) because background knowledge***

hypotheses can BE WRONG