

# Research question recap

**Explain**

**Measure**

**“How do” vs. “To what extent”**

**Steps**

**Mechanism**

**Size of effect**

**Percentage  
change**

# What makes a good hypothesis?

## Clear and Specific

States independent/  
dependent variables and  
their relationship

## Testable (Falsifiable)

Can be tested and can  
be contradicted

## Grounded in Theory or Evidence

Based on prior work or  
knowledge

## Predictive

It makes a prediction

## Precise

Avoids vague words

## Appropriate Scope

Neither trivial or  
impossible to test

### Hypothesis

H<sub>0</sub>

H<sub>1</sub>

H<sub>0</sub>

H<sub>1</sub>

H<sub>0</sub>

H<sub>1</sub>

H<sub>0</sub>

H<sub>1</sub>

H<sub>0</sub>

H<sub>1</sub>

### Variables

*Independent Variables*

*Dependent Variables*

*Control Variables*

### Study Design