Figuring out the hypothesis, the IV, and the DV

A psychology professor has assigned his students the task of determining the degree to which confirmation bias influences voter reactions to presidential speeches during a presidential campaign. He has instructed his students to conduct an experiment to determine the influence of confirmation bias on voter reactions to political speeches made by two opposing major party candidates.
What is the hypothesis?

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Hypothesis: Confirmation bias will have a significant influence on voter reactions to presidential speeches.
What is the IV? What is the DV?

Hint:

1. The IV and the DV should always be expressed in your hypothesis

2. What variable will cause a change in the other variable?

• Independent variable:

• Dependent variable
When asked to demonstrate “operational definition”:

• Independent variable:
  – Operationally define this!

• Dependent variable
  – Operationally define this!