

## Some experimental methods questions

1. What is experimental methodology?

2. What is the independent variable?

3. What do we do with the independent variable?

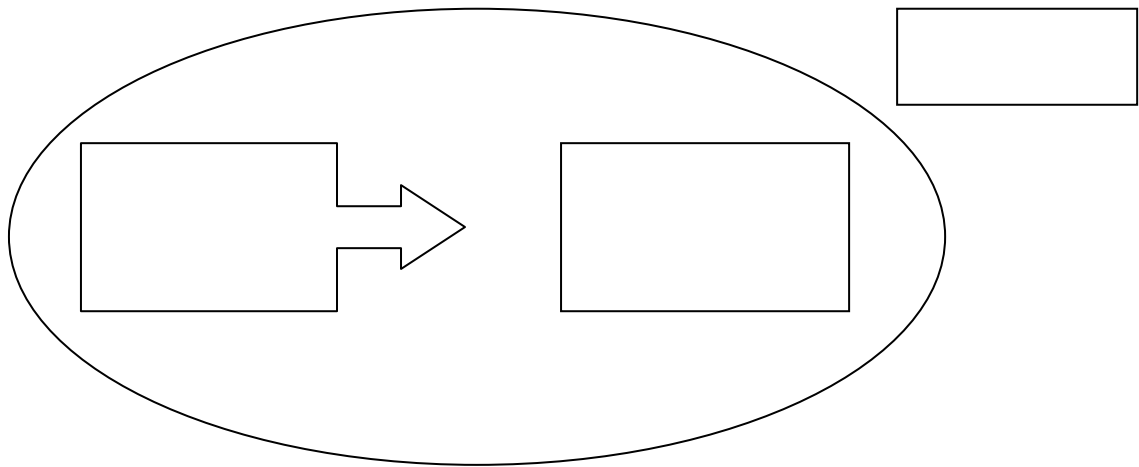
4. What is the dependent variable?

5. What do we do with the dependent variable?

6. What are the variables that experimenters try to stop affecting their experiment?



12. Complete the following diagram with these labels: independent variable, dependent variable, confounding variable, controls.



13. What are the three experimental designs?

1.
2.
3.

14. What are the strengths and weaknesses of the three designs?

Design	Strength	Weakness