

3. a. Experiment (explanatory variable (preschool) was manipulated by researchers.)
- b. Quality preschool (yes or no) categorical.
- c. Graduated from 4-year college (yes/no)
- d. No blinding → This can introduce a placebo effect (probably not.)
This can cause confounding.
- e. Confounding variable → no placebo - maybe students went to college because they "thought" they were smart (not because they were actually smarter).
Not a very important issue but we're not actually sure what the preschool is doing because of confounding.
- f. The group w/o preschool.
- g. The group w/ preschool.
- h. Yes, a cause/effect conclusion is appropriate since groups were created through random assignment.