



Who skips more class??

An Observational Study

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Study overview

- ▶ Two independent populations
 - Male Undergrads
 - Female Undergrads
- ▶ We are interested in the center or means of these two populations.

Hypothesis formation

- ▶ The null and alternative hypotheses for this observational study are:

$$H_0: \mathcal{M}_{\text{males}} = \mathcal{M}_{\text{females}}$$

- ▶ $H_a: \mathcal{M}_{\text{males}} - \mathcal{M}_{\text{females}} \neq 0$