

NOTEBOOK



JANICE STUDIES

only highlighted

Ch 1.2

3)

A) Main Research Question → What is the correlation between preterm births & air pollution

B) 143,196 births between 1989 & 1993

C) Levels of gestation → numerical continuous

Levels of CO → numerical continuous

Levels of NO₂ (nitrogen dioxide) → numerical continuous

Ozone → numerical continuous

Coarse particles → numerical continuous

Ch 1.3

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A) The population of interest are pregnant South Carolina women
The sample are those from 1989 - 1993 → 143,196 birthsB) Yes the findings can be generalized to the population
Since the study is observational, you can't establish a relationship

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a) Observational

b) Stratified could work → sample a small group from the LB group

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A) The 200 men & women

b) Feelings towards to the microwave

c) The dispositional attitude

d) Yes, it's sampled randomly

e) Observatory

f) No, we can't establish a link b/w the explanatory & the response variables b/c this is an observational study

g) Yes, the results can be generalized to the population

Ch 1.4

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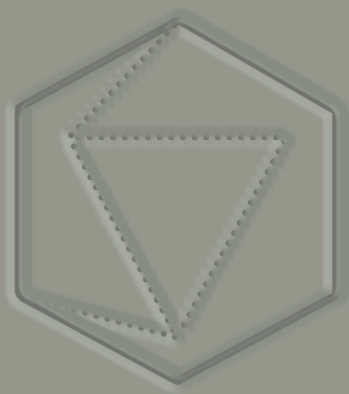
- a) Exam performance
- b) Light → fluorescent lighting, yellow overhead lighting, no lighting
sound → construction, human chatter, no sound
- c) To see if these factors (light & sound) affects male & females differently

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- a) public health study → randomized
- b) Explanatory variable → The amount of fruits &/or vegetables consumed

Response variable → psychological wellbeing

- c) No → volunteers
- d) Yes → experiment
- e) should say 'evidence', not 'proof'



THE MODERN NOTEBOOK