

March 16, 2020

1) Notes

2) Assignment 1

Topic: Biased Sampling

Date: _____

Main Ideas/
Questions

Notes

In your opinion...

If you asked your friends, "Do you think this outfit looks good?", would you think it would be a fair outcome or do you think your friends will lean to being more nice than strangers?

Biased Sampling

Biased Sampling – If the statistical study systematically favors certain outcomes.

1. Voluntary Response Sample – Chooses itself by responding to a general appeal.

EX: Survey, Receipt survey, email survey.

2. Convenience Sampling – Selection of whichever individuals are the easiest to reach

EX: Teacher classes.

Examples

Label each scenario either as a voluntary or convenience biased sampling

1. Claire was doing a project on whether or not the school lunch program provided enough food for hungry teenagers. She set up a table in the Cafeteria, and students came up to her to give their opinions. ✓
2. The YMCA party wants to know how Americans feel about dancing, so they sent a survey out to everyone listed on their party's mailing list. ✓
3. A university student wants to know whether the campus is providing enough support for students. She decides to ask her sorority sisters. C
4. The senior class sends out a survey to see where the Seniors would like for prom to be held. ✓