

✔ **Congratulations! You passed!**

Grade received **100%** To pass 80% or higher

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Test your knowledge on unbiased and objective data

Total points 3

1. Which of the following are examples of sampling bias? Select all that apply.

1 / 1 point

✔ ☒ A survey of high-school-age students does not include homeschooled students.

✔ **Correct**

A survey of high-school-age students that does not include homeschooled students, a national election poll that only interviews people with college degrees, and a clinical study that includes three times more men than women are not representative of the population.

✔ ☒ A clinical study includes three times more men than women.

✔ **Correct**

A survey of high-school-age students that does not include homeschooled students, a national election poll that only interviews people with college degrees, and a clinical study that includes three times more men than women are not representative of the population.

☐ An online marketing analytics firm stores data in a spreadsheet.

✔ ☒ A national election poll only interviews people with college degrees.

✔ **Correct**

A survey of high-school-age students that does not include homeschooled students, a national election poll that only interviews people with college degrees, and a clinical study that includes three times more men than women are not representative of the population.

2. Fill in the blank: The tendency to search for or interpret information in a way that validates pre-existing beliefs is ____ bias.

1 / 1 point

☐ observer

☐ interpretation

☐ sampling

☒ confirmation

✔ **Correct**

The tendency to search for or interpret information in a way that validates pre-existing beliefs is confirmation bias.

3. Which of the following terms are also ways of describing observer bias? Select all that apply.

1 / 1 point

☒ Research bias

☒ **Correct**

Observer bias is sometimes referred to as experimenter bias or research bias.

☐ Spectator bias

☐ Perception bias

☒ Experimenter bias

☒ **Correct**

Observer bias is sometimes referred to as experimenter bias or research bias.