

Troubleshooting

Find the error and correct it!

Students in a statistics course must survey 200 students at their college to answer their research question. The research questions and sampling strategies of two students in the course are shared below. Determine any inherent biases in their sampling strategies and provide possible improvements.

Student 1:

Research question: What proportion of the students at the institution use the fitness facility?

Sampling strategy: Use a voluntary sample from students leaving the fitness facility.

BIAS	
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IMPROVEMENT	
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