



Classroom Participation and Student Response Pads (SRPs)

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Problem

Students who do not participate in class activities do not learn as much as students who do.

Background

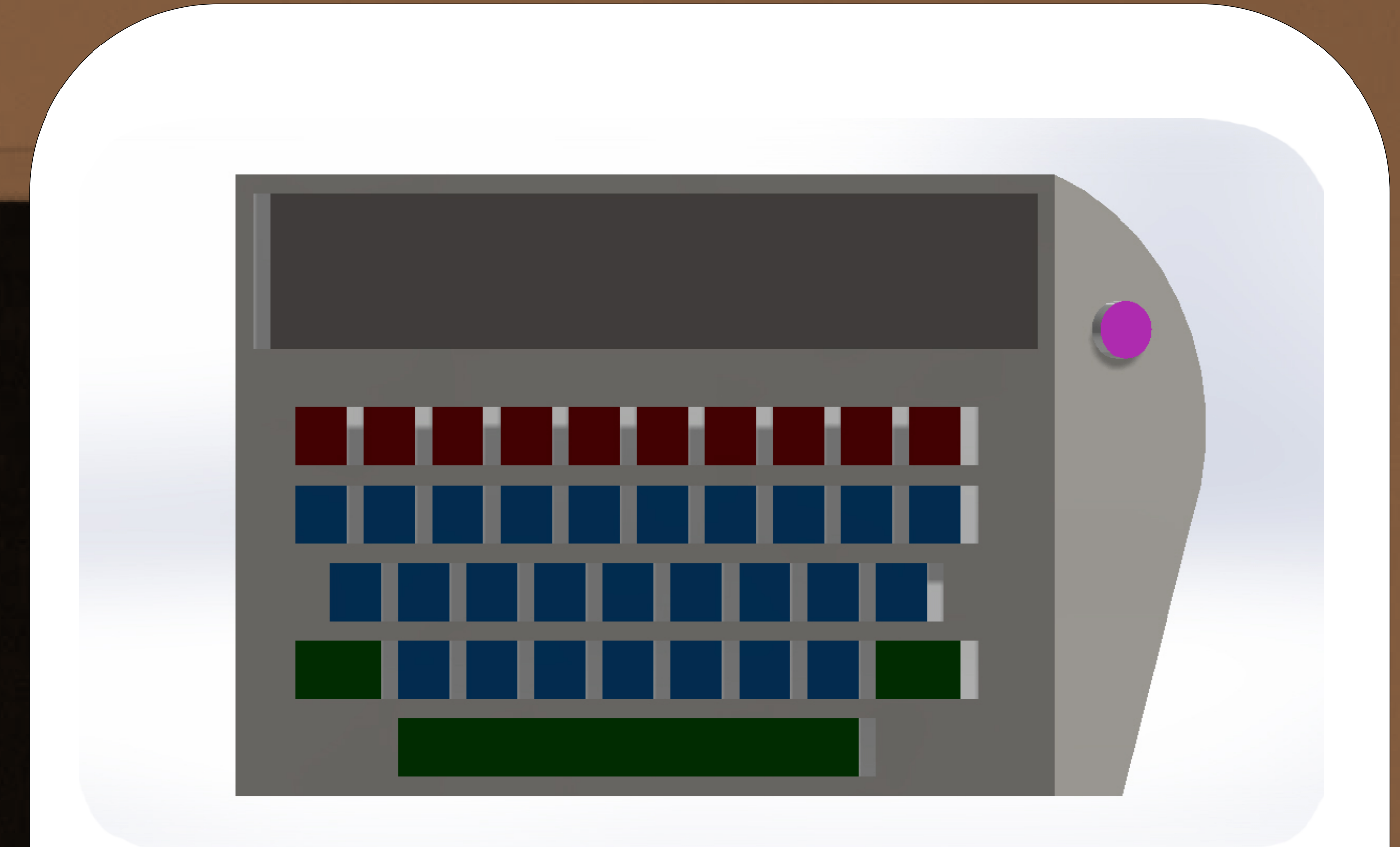
- 25% of a given classroom of students will participate in activities
- Some students are afraid to participate due to shyness or fear of embarrassment
- Participation is strongly correlated with learning

Solution

Student Response Pads (SRPs) encourage classroom participation by allowing students to answer questions anonymously, therefore overcoming fear of public participation.

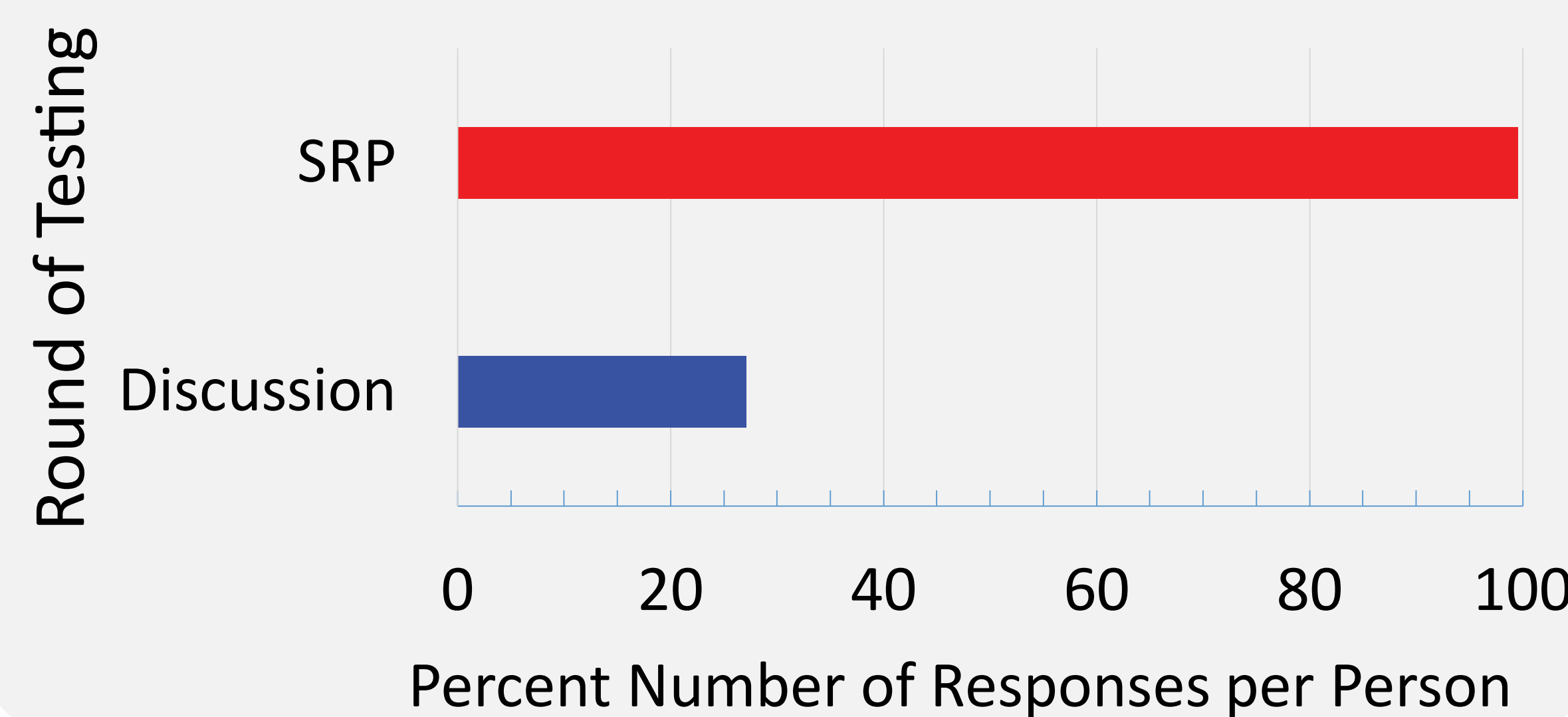
Testing

- Part 1: Ask students questions in a mock-classroom discussion and record amount of participation
- Part 2: Simulate the SRPs with Google Form, ask more discussion questions
- Compare differences in participation

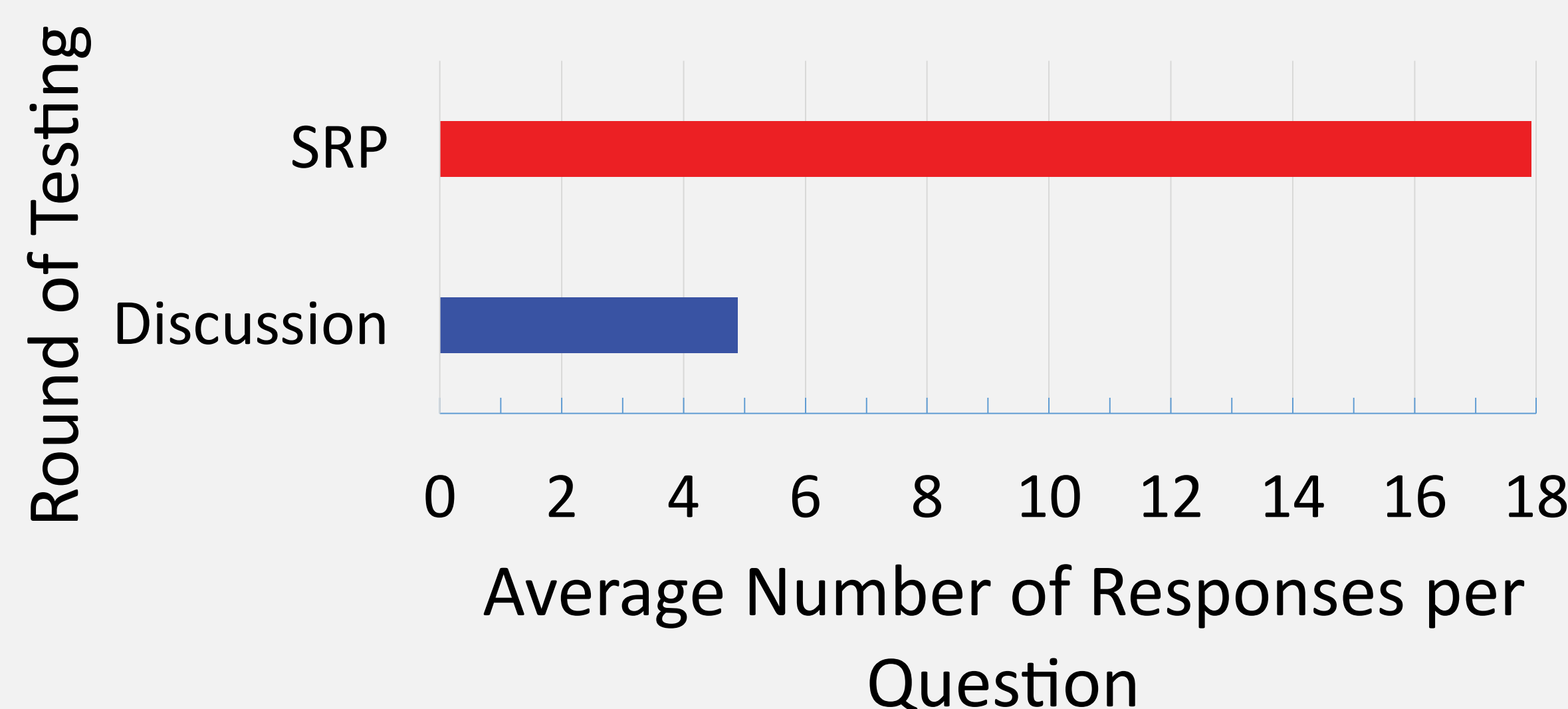


Student Response Pad (SRP)
Computer Aided Design Model

Percent Number of Responses per Person



Average Number of Responses per Question



Conclusion

The SRPs were successful and increased participation by 72%.

Acknowledgments

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References

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