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

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

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

Discussion
SRP

Percent Number of Responses per Person

Round of Testing

SRP

Discussion

Percent Number of Responses per Person

0 20 40 60 80 100

Average Number of Responses per Question

SRP

Discussion

Round of Testing

SRP

Discussion

Average Number of Responses per Question

0 2 4 6 8 10 12 14 16 18

Conclusion
The SRPs were successful and increased participation by 72%.

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References