week_4_lab

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2/23/2022

Question 1

It is important to randomize the teachers in addition to the students because there could be reasons why one teacher is more likely to teach a small class or a big class, and any of those reasons could act as confounding variables in our analysis.

Question 2

```
## `summarise()` ungrouping output (override with `.groups` argument)
```

small	avg_class
0	22.52320
1	15.09576

The average class sizes are shown in the table above. As expected, class sizes are smaller in the classes assigned to be small than in the classes assigned to be large.