

Assignment 9

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due: Apr 4, 2019

Bootstrapping & Resampling

Hypothesis Testing

After running an experiment with a control group ($n=20$) and an experimental group ($n=20$), your data look like this:

control		experimental	
935	508	857	801
557	571	511	772
607	564	694	635
767	713	541	1207
717	611	719	663
515	972	1143	613
498	438	680	579
557	641	1161	1128
492	653	837	475
803	714	609	883

<https://www.gribblelab.org/stats2019/data/A09data.txt>

1. Perform a permutation test to test the null hypothesis that the two groups were sampled from the same population with the same mean. (7 points)