Resample package

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The **resample** packages makes the most common resampling applications easy: one and two sample bootstrap and permutation tests. For example,

- `bootstrap(x, mean) # a vector`

- `bootstrap(data, mean(x, trim = .25)) # variable in a data frame`

- `permutationTest2(data1, mean(x), data2 = data2)`

- `permutationTest2(data, mean(x), treatment = arm)`

There are methods for plotting and confidence intervals.

I'll also talk about what is wrong with common bootstrap confidence intervals, remedies, and why you should use the package instead of programming yourself from scratch.