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Statistics for laboratory scientists

Homework problems for lecture 18

1. I obtained the following measurements on 10 mice from each of two strains.

Strain A: 55.2 58.1 41.7 44.9 44.8 48.9
47.5 48.1 48.4 51.6 40.6 48.0

Strain B: 48.7 52.6 65.2 70.4 44.2 54.7
44.0 66.5 56.8

Use the `wilcox.test()` function in R to perform a rank-sum test on these data (to test for a difference between the strains).

2. You might also wish to play with the `perm.test()` and `paired.perm.test()` functions which appear in `comp18.R`.

[[3rd term syllabus](#) | [4rd term syllabus](#) | [R for Windows](#)]

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