Name:

Quiz 18, Attempt 1

Suppose you observe IQs of 77, 88, and 95 from a group that did not take NZT. Suppose you also observe IQs of 90 and 110 from a group that did take NZT. Compute the p-value based on a randomization test with the difference of sample means as the test statistic (NZT – Placebo). Assume a two-sided alternative.

Quiz 16, Attempt 2

Suppose you observe IQs of 77, 88, and 95 from a group of three subjects. Then, after taking NZT, the same three subjects get scores of 76, 90, and 100, respectively. The sample size is only three, so we shouldn’t expect a low p-value. Compute the p-value based the signed-rank test with a two-sided alternative.