Name:

Quiz 6, Attempt 1

* + Xi ~ i.i.d. N(μ1, 1); N = 20
  + Yi ~ i.i.d. N(μ2, 1); N = 20
  + Cov(Xi, Yj) = 1/2⋅ 1{i = j}
  + Xi and Yi are measures of IQ before and after NZT for subject i.
  + Find a 90% confidence interval for μ1-μ2.

Quiz 4, Attempt 2

Suppose ($100000, $150000) is a 95% confidence interval for the average salary of statisticians in the United States. What does that mean?