Math 5710   Monday, 8/03/20   Quiz 29
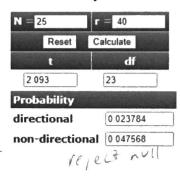
1.   What is your name?
           Brock Francom

2.   Two correlational studies, A and B, were conducted. They were identical in every way
       except that Study A randomly sampled 15 subjects whereas Study B randomly sampled 25
       subjects. The statistical results are as follows:

           From Study A: From Study B:

N = 15	r = 40
Reset	Calculate

t	df
1 574	13

Probability

directional   0 0697975

non-directional 0 139595

N = 25	r = 40
Reset	Calculate

t	df
2 093	23

Probability

directional   0 023784

non-directional 0 047568

                                                    reject null

       A.   Which of the two statistical tests had greater power?

              B

       B.   For which one of the two statistical tests is Type I error a concern?

              B

       C.   For which one of the two statistical tests is Type II error a concern?

              A

3.   Gawk.