

Stat 185 - In class problems
Monday, November 13

1. An insurance agent randomly selected 12 of his clients and checked online price quotes for their policies. His summaries of the data are? shown, where Difference represents the local price minus the online price

Table 1: Comparing Local vs Online Prices

	Mean	StdDev
Difference	36	187.9

- (a) Write down an appropriate hypothesis test to see if there is evidence that drivers might save money by switching to an online agent.
 - (b) Compute the test statistic.
 - (c) Use a t -table to determine if we should reject or fail to reject the null hypothesis to a 95% level of confidence.
 - (d) Use R to determine the p -value (should help on HW).
2. Do the statdiscourse question titled "Paired college tuition data".