STAT 5371: Experimental Statistics I

Homework 3

Rubric

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|  | Total Points | Notes |
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| Fixed number of points for submitting an assignment | 0 | Everyone who submits an assignment will get these points. |
| Problem 1 | 30 | a. 10 points … just checking the assumptions. 6 points each assumption and 2 points for doing something.  B. 10 points … Make sure they have both histograms and qqplots and possibly box plots….  C. 10 putting it together… make sure they state the problem but the rest should be cut and paste. They should run the t test. |
| Problem 2 | 30 | a.20 points … just checking the assumptions. They should find that the assumptions are not met. 6 points each assumption and 2 points for doing something.  b. 10 putting it together… make sure they state the problem and that the ran a permutation test instead of a t test.  c. 5 pts |
| Problem 3 | 40 | 5 points state the problem  10 points assumptions  10 points 5 steps  10 points conclusion with pvalue and confidence intervals.  5 points scope of inference |
| BONUS | 5pts | Just check the values in the table against the solutoin. You may give partial credit based on your discretion. |
| General Philosophy: Be Consistent! | * Minor Mistake: -10% (this should be 1-2 pts) * Major mistake: -25% * Total Disaster: -50%   Nothing: -100% |  |
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