Problem Set - 2 (Testing Population Mean)

ECO 204 (Section 6)
Instructor: Shaikh Tanvir Hossain

Due: No Need to Submit, but please do it sincerely for exam!

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We will go through some of the problems in the class. Problems from 9.1 are not mathematical problems, you just need to formulate the correct hypotheses. Problems from 9.3 and 9.4 are all applications problems. I intentionally gave all the problems from the applications section. Please try to solve them all using ℝ and avoid calculator! Please ask me in Ed if you have any question.

1. Problems from Chapter 9 (Hypothesis Tests) of Anderson et al. (2020),

   (a) From 9.1 # 1, 2, 3, 4

   (b) From 9.3 Applications # 15, 16, 17, 18, 19, 20, 21, 22

   (c) From 9.4 Applications # 27, 28, 29, 30, 31, 32, 33, 34

Remarks: Note that all the problems are taken from Anderson et al. (2020). If possible you should do more problems from there.

References:

Anderson, D. R., Sweeney, D. J., Williams, T. A., Camm, J. D., Cochran, J. J., Fry, M. J. and Ohlmann, J. W. (2020), *Statistics for Business & Economics*, 14th edn, Cengage, Boston, MA.