MTH 150

New Castle News
Jul 31, 2014

mth_150

Develop

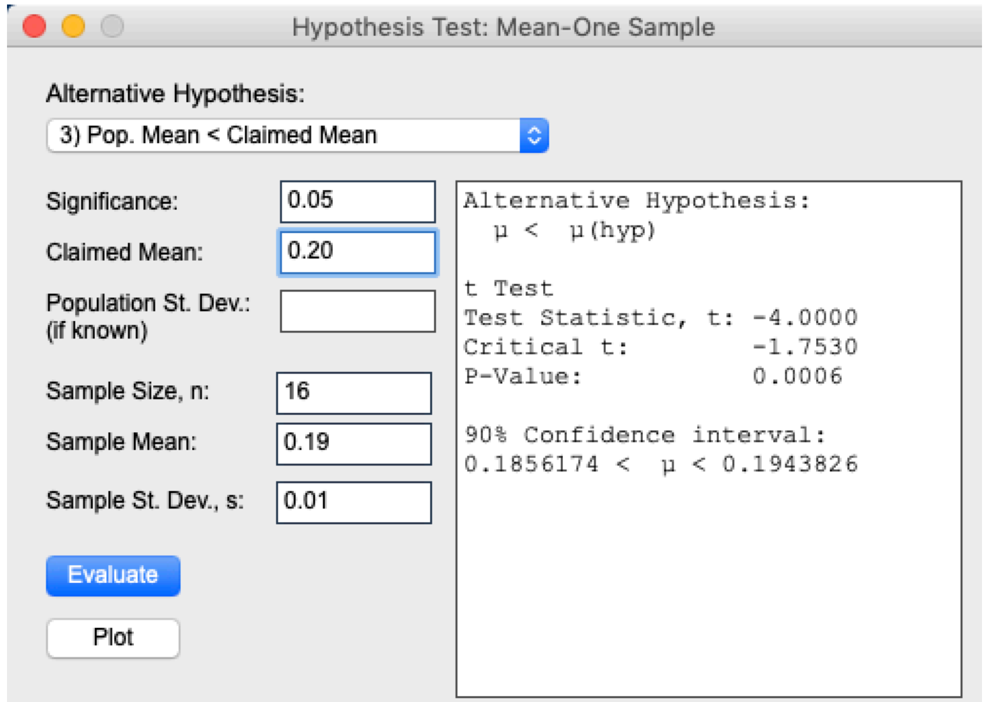
No. 1 A

No. 2 B

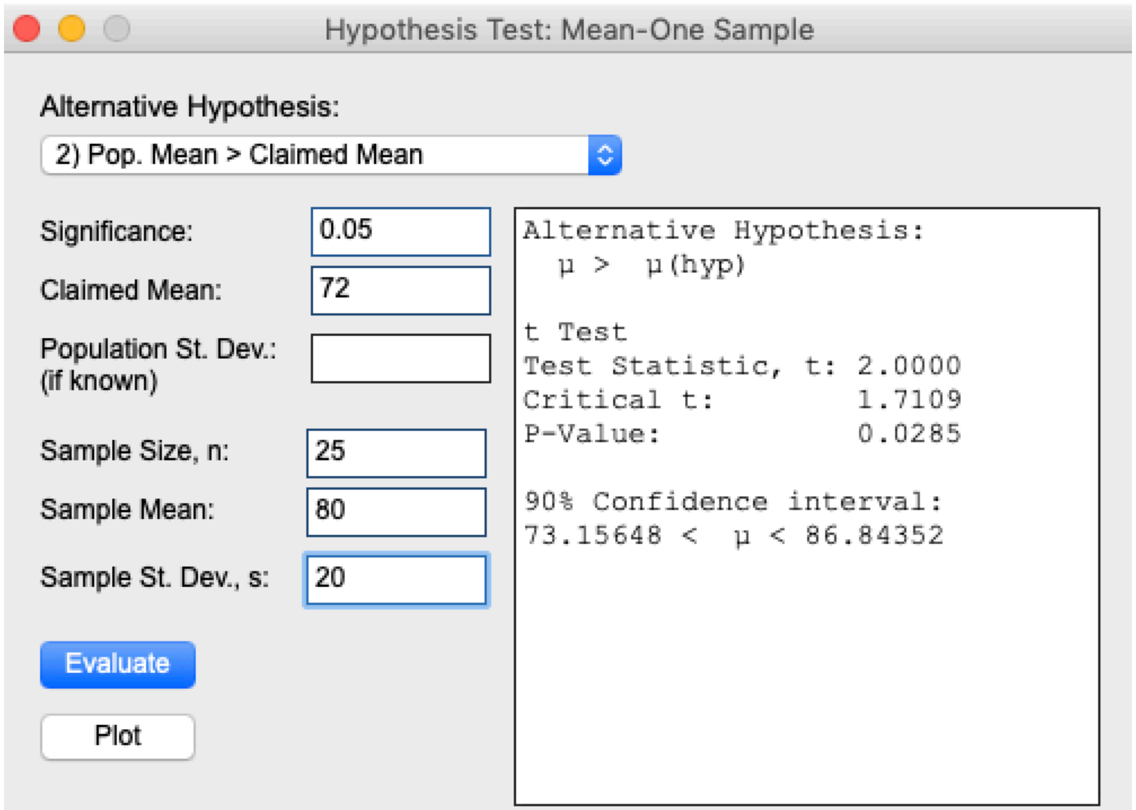
No. 3 B

No. 4 Not incuded as a topic in this test.

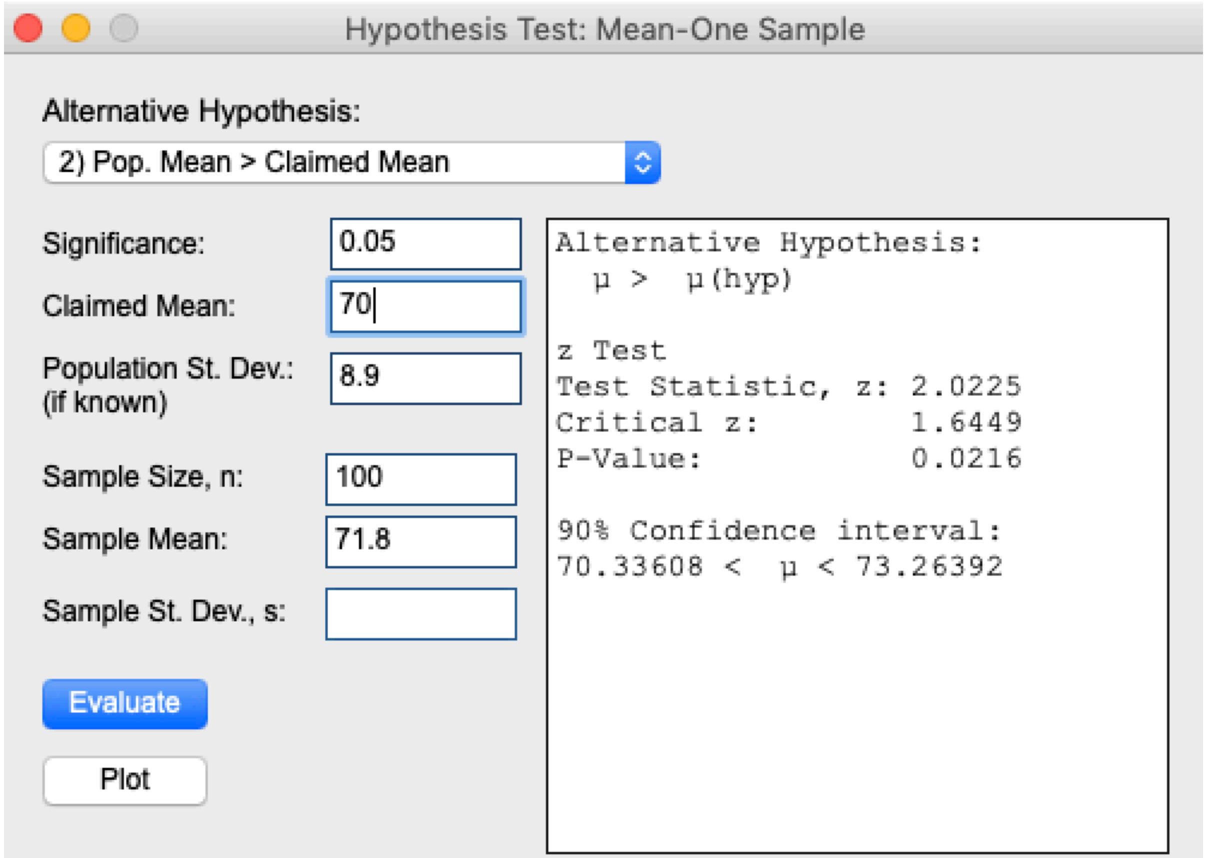
No. 5 False. Not necessarily, the converse would be true since 0.01 < 0.05.



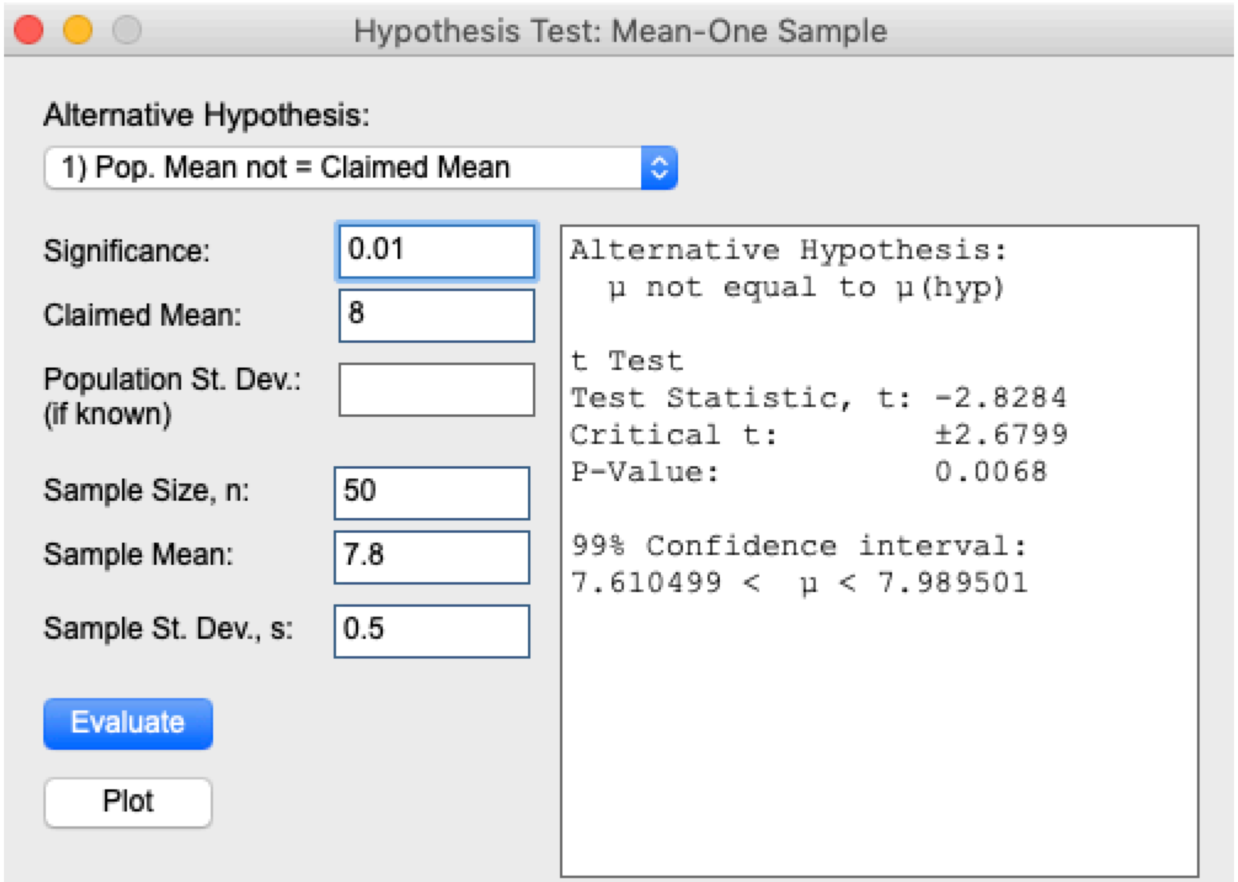
No. 6 The p-value of $0.0285 < 0.05$, so reject H_0 (that threre is no change from the mean of 72) and agree that there seems to be sufficient evidence to claim that students are less fit.



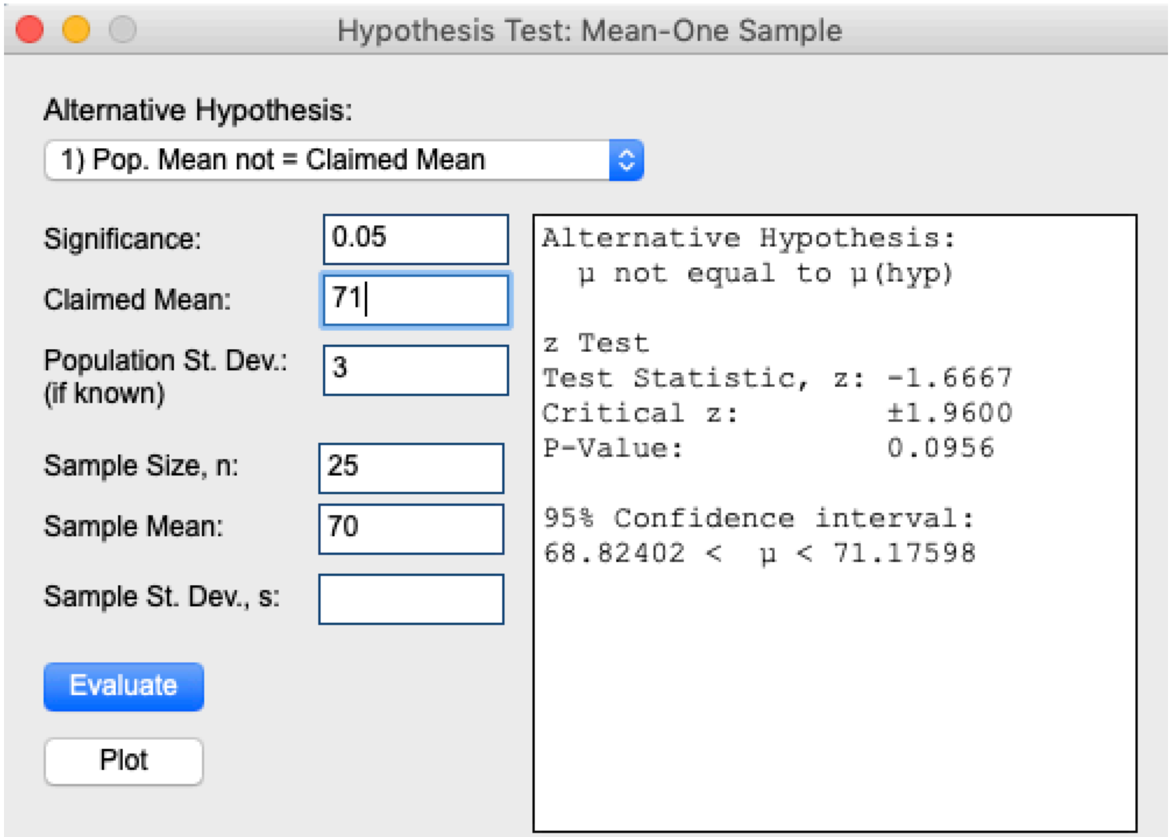
No. 7 The p-value of 0.0216 < 0.05, so reject H_0 (hat threre is no change from the mean of 70) and agree that there seems to be sufficient evidence to say that the mean life span is greater than 70.



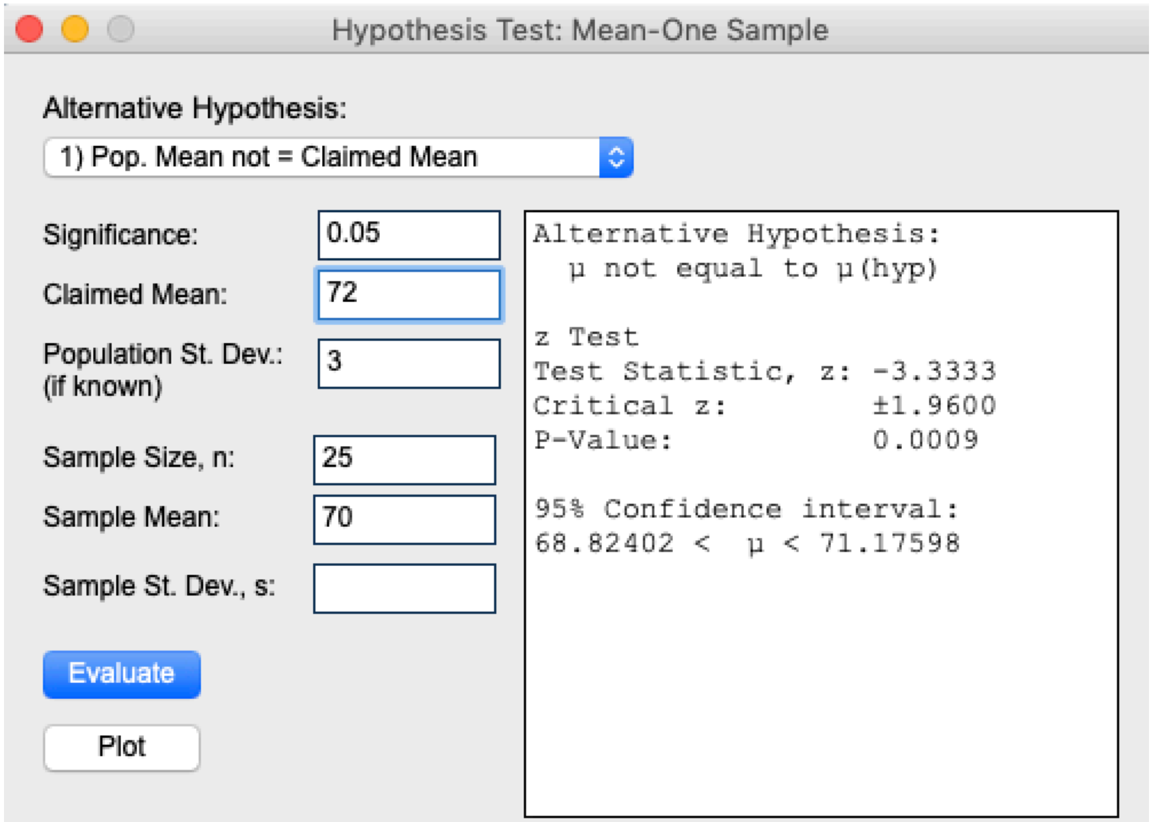
No. 8 The p-value of $0.0068 < 0.01$, so reject H_0 (hat threre is no change from the mean of 8) and agree that there seems to be sufficient evidence to say that the average wait is different from 8 minutes.



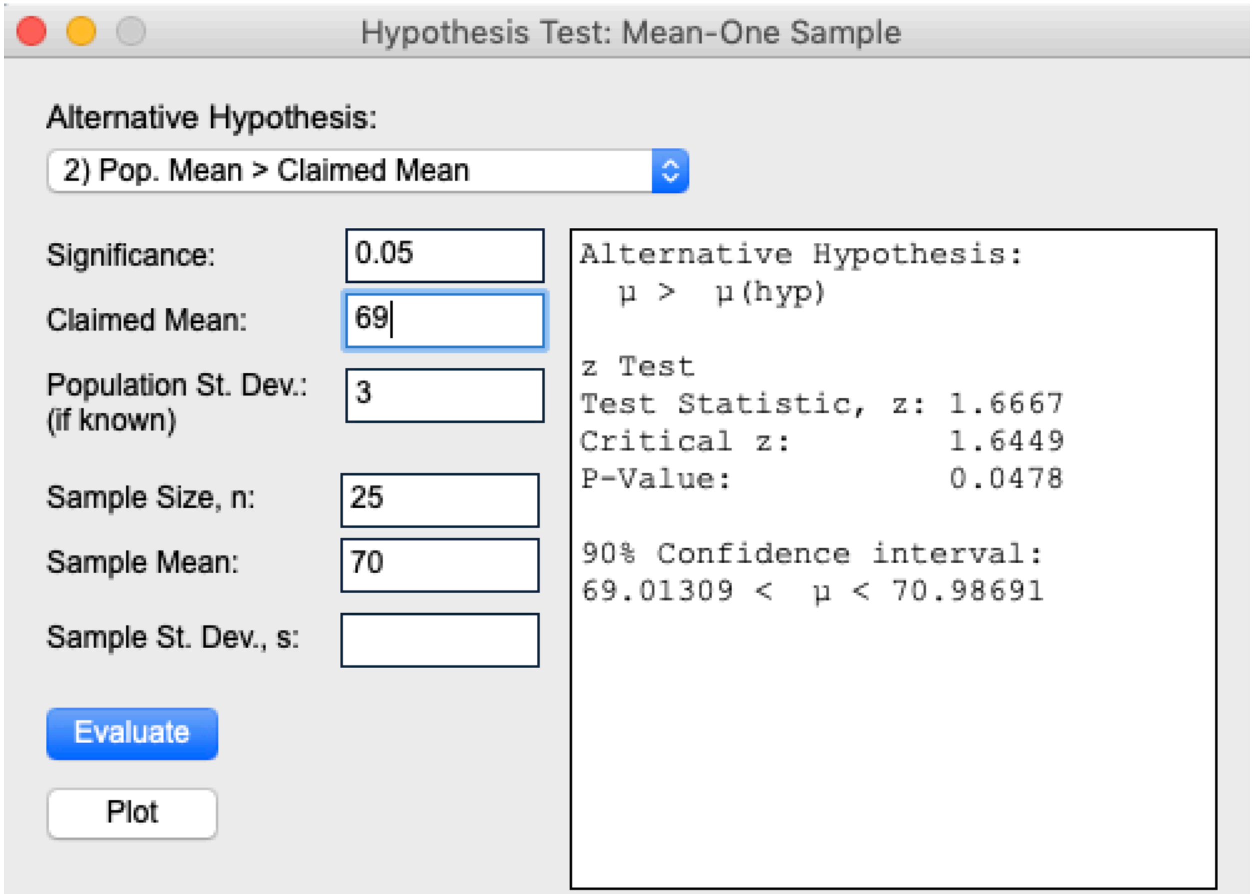
No. 9a The p-value of 0.0956 > 0.05, so we fail to reject H_0 and conclude there is not sufficient evidence to suggest that the height is different.



No. 9b The p-value of 0.0009 < 0.05, so reject H_0 (hat threre is no change from the mean of 72) and agree that there seems to be sufficient evidence to say that the average wait is different from 72.



No. 9c The p-value of 0.0478 < 0.05, so reject H_0 (hat threre is no change from the mean of 69) and agree that there seems to be sufficient evidence to say that the average wait is greater than 69.



No. 10 The p-value of 0.089 > 0.05 so so we fail to reject H_0 and conclude there is not sufficient evidence to suggest that there is any difference.