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Hypothesis Testing Example, Continued - Quiz

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Question 1
1/1 point (graded)
True or False: If you reduce your probability of a Type I error, it must be true that the proability of a Type II error goes down.

○   a. True

◉   b. False ✔

Explanation
You can reduce your probability of a Type I error by either increasing k, or increasing your sample size n. The trade-off Professor Ellison discussed in class is true assuming n is fixed. However, if you increase n, you can do better on both α and β.

Submit   You have used 1 of 1 attempt

✔ **Correct (1/1 point)**

Discussion

Topic: Module 7 / Hypothesis Testing Example, Continued - Quiz

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