

Course > Week... > Lab > Draw...

Draw Conclusions

Reflect on the Question

Analyze the Data

Draw Conclusions

Primary Research Question

Among male artists, is there an association between winning a Grammy and the genre of music that he plays?

problem

7/7 points (graded)

Write Your Conclusion

There is

an association between winning a
Grammy and the Genre of music an artist plays. The probability of
winning a Grammy, regardless of Genre, is 43.21

However, examination of a contingency

table containing
both Grammy and Genre showed that the conditional

probability of winning a Grammy changes by genre. If an artist is in the
Country Genre, the conditional probability of winning a Grammy is

63.64

while if an artist is in the

Singer-Songwriter
Genre, the conditional probability of winning a Grammy is 28.6%. Visual examination of the barplot shows the conditional probabilities of winning a Grammy are not equal across Genres.

Submit You have used 1 of 1 attempt

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