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▶ Week 1: Introduction to Data

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▼ **Week 4: Bivariate Distributions (Categorical Data)**

Readings

Reading Check due
Mar 15, 2016 at 18:00 UTC

Lecture Videos

Comprehension Check
due Mar 15, 2016 at
18:00 UTC

Week 4: Bivariate Distributions (Categorical Data) > Lab > Draw Conclusions



Bookmark

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?

(7/7 points)


Write Your Conclusion

There **Answer:** 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 **Answer:** 43.21 %.


However, examination of a **Answer:** contingency table containing both Grammy and Genre showed that the **Answer:** 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 **Answer:** 63.64 %, while if an artist is in the **Answer:** 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 **Answer:** not equal across Genres.

You have used 1 of 1 submissions


R Tutorial Videos**Pre-Lab**

Pre-Lab due Mar 15,
2016 at 18:00 UTC 

Lab

Lab due Mar 15, 2016
at 18:00 UTC 

Problem Set

Problem Set due Mar
15, 2016 at 18:00 UTC 

- ▶ Week 5: Linear Functions

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