

Alexander Romine

IS 247

Lab 6

10/20/23

- A. Odds:0.247 Log odds:-1.62, probability: slightly under 20 percent.
- B. Odds: 1.105 Log odds:-0.644 probability: slightly over 52 percent.
- C. If Thomas studied more hours, his odds of success would have gone up, if he studied less, he probably would have been less likely to succeed.
- D. Going to the review session makes the person more likely to succeed at the exam than someone who studied the same amount of hours and didnt go.
- E. While studying also helps, the fact that its coefficient is smaller than that of the review session shows that attending the review session is correlated more to doing well on the exam than just studying.
- F. if the student did not study at all and did not go to the review session, they have a less than 10 percent chance of passing.
- G. if you studied 8 hours, your odds of passing are fairly high already. It depends on how long the review session is and if you really absolutely need to pass the course. If not, I would feel comfortable not going to the review session if I studied for 8 hours.
- H. Students who studied less get a larger boost in their grade compared to students who studied the same amount if they go to the review session. As such the review session is most useful for people who devoted less hours to studying on their