

# Lab #6

- Due Dec 10, 2024 by 11:59pm
- Points 100
- Submitting a website url or a file upload
- Available Sep 4, 2024 at 12am - Dec 13, 2024 at 11:59pm

This assignment was locked Dec 13, 2024 at 11:59pm.

## Lab 6

1. Run a multiple linear probability model (have at least 2 Xs in the model). Tell me how you think your independent variables will affect your dependent variable. Interpret your results. Were your expectations correct? Why or why not?
2. Run a multiple (binary) logistic model. (It can be the same as the above LPM or a new model.) If it is a new model, tell me how you think your independent variables will affect your dependent variable. Interpret your results in the logit scale. Were your expectations correct? Why or why not?
3. Get odds ratios from your logit model in Question 2 and interpret some of them.
4. Get predicted probabilities from your logit model in Question 2 for some constellations of X values and interpret the results.

Some Rubric (5)			
Criteria	Ratings		Pts
Run a multiple linear probability model (have at least 2 Xs in the model). Tell me how you think your independent variables will affect your dependent variable. Interpret your results. Were your expectations correct? Why or why not?	20 pts Full Marks	0 pts No Marks	20 pts
Run a multiple (binary) logistic model. (It can be the same as the above LPM or a new model.) If it is a new model, tell me how you think your independent variables will affect your dependent variable. Interpret your results in the logit scale. Were your expectations correct? Why or why not?	20 pts Full Marks	0 pts No Marks	20 pts
Get odds ratios from your logit model in Question 2 and interpret some of them.	20 pts Full Marks	0 pts No Marks	20 pts
Get predicted probabilities from your logit model in Question 2 for some constellations of X values and interpret the results.	20 pts Full Marks	0 pts No Marks	20 pts
The work is done well with a show of a lot of effort.	20 pts Full Marks	0 pts No Marks	20 pts
Total Points: 100			

