

1. What is the value of the coefficient for predictor **RM**?

Your answer should be written in this format: #.####

8.3975

✓ Correct

2. Are the predictors for this model statistically significant, yes or no? (Hint: What are their p-values?)

- ☒ Yes
☐ No

✓ Correct

3. What most likely happened to our R-Squared value when we added the third predictor **LSTAT** to our initial model?

- ☐ Decreased
☒ Increased
☐ Stayed the same

✓ Correct

4. What type of model should we use when our target outcome, or dependent variable, is continuous?

- ☐ Logistic regression
☒ Linear Regression
☐ Confidence intervals

✓ Correct

5. Which of our predictors has the largest coefficient?

- ☐ Intercept
- ☐ DMDEDUC2x[T.HS]
- ☐ DMDEDUC2x[T.SomeCollege]
- ☒ DMDEDUC2x[T.x9_11]

 **Correct**

6. Which values for DMDEDUC2x and RIAGENDRx are represented in our intercept, or what is our reference level?

- ☐ Male and Some College
- ☐ Female and Age
- ☒ Female and College
- ☐ Male and HS

 **Correct**

7. What model should we use when our target outcome, or dependent variable is binary, or only has two outputs, 0 and 1?

- ☐ Hypothesis Tests
- ☐ Linear Regression
- ☒ Logistic Regression
- ☐ None of the above

 **Correct**