(02:02) – slide 2, after "Our null hypothesis was that the mean outcome is the same across all categories, versus the alternative was that at least one pair of means are different from each other."

1. In this analysis which is the response and which is the explanatory variable?

(a)   response: vocabulary score, explanatory: class

(b)   response: class, explanatory: vocabulary score

(22:47) – slide 16, after "In this case, we have a pretty tiny p value, so what will the conclusion be?"

2. What is the conclusion of the hypothesis test?

The data provide convincing evidence that the average vocabulary score

(a)   is different for all groups.

(b)   is higher for the middle class than any other.

(c)   is different for at least one pair of groups.

(d)   is the same for all groups.

Answers:

1. a
2. c