

9 Inference for a regression slope – Part 1 —Answers

Answers

Work through these after you have tried the questions yourself.

2.1 the true slope of the relationship in the whole population.

2.2 there is no linear relationship between the two variables.

2.3 8 ± 3 , i.e. 5 to 11.

2.4 yes —the interval (5 to 11) does not include 0, so there is evidence of a real positive relationship.

2.5 the true slope might be 0, so there is not enough evidence of a real relationship.