In-Video Quiz Questions for

Unit 5: Part 3 – (1) Small sample proportion

At 9:19:

1. Which of the following is **false**?

   (a) If in fact Paul was randomly guessing, the probability that he would get the result of all 8 games correct is 0.0037.
   (b) Reject H0, the data provide convincing evidence that Paul did better than randomly guessing.
   (c) We may have made a Type I error.
   (d) The probability that Paul is psychic is 0.0037.

Answers:

1. d

Explanation: p-value is not the probability of the alternative hypothesis being true