

8 من إجمالي 10 نقاط Statistics

2/2* If a 95% confidence -4 ✓
 interval for a population
 mean is (45, 55), which
 statement is correct

- A) 95% of the population values
 are between 45 and 55
- B) We are 95% confident the
 sample mean is between 45 and
 55
- C) We are 95% confident the
 population mean is between
 45 and 55**
- D) 95% of the samples will have
 means between 45 and 55

0/2* In hypothesis testing, -2 ✗
 :the null hypothesis (H_0) is

- A) What the researcher wants to
 prove
- B) Always contains an equality (=,
 \leq, \geq)
- C) The opposite of what the
 researcher believes
- D) Both B and C**
- الإجابة الصحيحة
- C) The opposite of what the
 researcher believes

2/2* The average height of -3 ✓
 all students in a school is
 :165 cm. This 165 cm is a

- A) Statistic
- B) Sample
- C) Parameter**
- D) Estimate

2/2 * :A z-test is used when .1 ✓

- A) The population standard
 deviation is known**
- B) The sample size is small
- C) The data is not normally
 distributed
- D) We have categorical data

2/2* As sample size .5 ✓
 increases, what happens
 ?to the standard error

- A) Increases
- B) Decreases**
- C) Stays the same
- D) Becomes zero

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