

# Clinical Epidemiology

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## QUIZ 16

At academic conferences, scholarly work is presented on academic posters. What are the headings on a poster you would see in the health sciences? What general information should exist under each of those headings?

What analysis do you perform in SPSS to calculate means and standard deviations of continuous data?

What are the three measurements of central tendency? Which one is most appropriate one to characterize the average net worth of residents in Elon Musk's zip code?

What analysis do you perform in SPSS to calculate percentages of categorical variables (e.g., percent of students who live on campus)?

What analysis do you perform in SPSS to measure differences between two different groups (e.g., males and females) in a continuous dependent variable (e.g., bodyweight)?

Very generally, what does a T-value mean in a T-Test?

Very briefly, what's overdispersion? And what's underdispersion?

True or false: standard deviation is simply the average distance of all observed values from the mean value.

Who developed the T-Test? And why is it called the "Student's T-Test"?

What analysis do you perform in SPSS to measure differences between two different groups of people (e.g., males or females) in a categorical variable (e.g., whether they participate in sports)?

What analysis do you perform in SPSS to test the strength of correlation between two continuous variables?