

Significance

In a clinical trial, the significance is a description of how meaningful (valid) a trial result is. When evaluating the validity of a study, one must consider both the clinical and statistical significance of the findings. A study that claims clinical relevance may lack sufficient statistical significance to make a meaningful statement. Conversely, a study that shows a statistically significant difference in two treatment options may lack clinical relevance (if, for instance, an observed effect is very small but highly consistent).