



Evaluate Statistically Based Reports Glossary

Term	Definition
Statistical report	A report or document that presents and analyzes statistical data, typically including findings, conclusions, and recommendations based on the analysis.
Conclusion	The final judgment, decision, or inference reached based on the analysis of statistical data and evidence.
Evidence	The statistical data, facts, or information that support or refute a particular conclusion or claim.
Inference	A conclusion or judgment derived from statistical data and evidence through reasoning or logic.
Bias	A systematic error or distortion in a statistical analysis or data collection process that leads to inaccurate or misleading results.
Survey	A data collection method that involves gathering information from a sample of individuals or entities through questionnaires, interviews, or other techniques.
Poll	A survey or study that collects opinions, views, or preferences from a sample of people on a particular topic or issue.
Experiment	A controlled study or investigation conducted under specific conditions to test a hypothesis or explore causal relationships between variables.
Observational study	A study that involves observing and collecting data without any intervention or manipulation of the variables under investigation.
Causal relationship	A relationship between two variables where one variable (the cause) directly influences or determines the other variable (the effect).
Margin of error	A measure of the potential variability or uncertainty in a statistical estimate or result, typically expressed as a range around the estimated value within which the true value is likely to fall.