Glossary

1. Biased Error

A biased error is a measurement error that remains constant in magnitude for all observations; a kind of systematic error.

2. Cumulative Errors

The essence of bias is that it forms a constant component of error that does not decrease in a large population as the number in the sample increases. Such errors are also known as cumulative errors.

3. Migrated

Migration means to change location periodically, especially by moving seasonally from one region to another.

4. Non cumulative Errors

The random sampling error decreases on an average as the size of the sample increases. Such errors are known as non cumulative errors.

5. Non response Bias

Non-response bias occurs in statistical surveys if the answers of respondents differ from the potential answers of those who did not answer.

6. Paradox

A paradox is a statement or group of statements that leads to a contradiction or a situation which defies logic or reason, similar to circular reasoning.

7. Questionnaire

A questionnaire is a research instrument consisting of a series of questions and other prompts for the purpose of gathering information from respondents.

8. Response Bias

Response bias is a type of cognitive bias which can affect the results of a statistical survey if, respondents answer questions in the way they think the questioner wants them to answer rather than according to their true belief.

9. Sampling Bias

Sampling bias is when a sample is collected in such a way that some members of the intended population are less likely to be included than others.

10. Sampling Frame Errors

Sampling Frame Errors is the specific list of population units, from which the sample for a study is being chosen.

11. Selection Bias

Selection bias is a bias in which there is an error in choosing the individuals or groups to take part in a scientific study.

12. Social Desirability

Social desirability bias is the tendency of respondents to answer questions in a manner that will be viewed favourably by others.

13. The Literary Digest

The Literary Digest was an influential general interest weekly magazine published by Funk & Wagnalls.

14. Unbiased Error

An error which may be regarded as a member drawn at random from an error population with zero mean. This in the long run positive and negative error tends to cancel out in the sense of having a mean which tends to zero.

15. Voluntary Response Bias

Voluntary response bias occurs when sample members are self-selected volunteers, as in voluntary samples.