

ERROR: Comparison Error in Experimental Plans and Observational Plans – The Confounding Effect

Section headings to provide a content overview

1. Background I – Experimental and Observational Plans
2. Background II – Comparative Plans: The Protocol for Setting Levels and Interaction
3. Background III – Comparison Error: Lurking Variates and Confounding
4. Background IV – Observational Plans: The Confounding Effect
5. Background V – Equiprobable Selecting and Equiprobable Assigning
6. Comparison Error in Experimental Plans and Observational Plans
7. Appendix 1: Introductory Background – The Formulation Stage of the FDEAC Cycle
8. Appendix 2: Limitations on Answers from Observational Plans
9. Appendix 3: Fishbone Diagrams for Comparative Plans
10. Appendix 4: Causation in Statistics – a Definition
11. Appendix 5: Investigating Statistical Relationships – Three Types of Causal Questions

Three tables

Twenty-one diagrams

Eleven equations