

Capita Selecta – Causal Inference in Observational Studies

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Introduction to causal inference methods for observational data in clinical epidemiology.

Key concepts:

- Confounding and selection bias
- Directed acyclic graphs (DAGs)
- Propensity score methods
- Instrumental variables
- Difference-in-differences
- Regression discontinuity designs

Applications in pharmacoepidemiology and health services research.