

Analysis of matched data using regression models

Dr. Anil C Mathew

Professor of Biostatistics

Department of Community Medicine

PSG Institute of Medical Sciences and Research

Coimbatore

Abstract:

This paper addresses the advantage and the disadvantages of matching, various methods of matching, validity and reliability issues, Mc- Nemar approach for analysis of pair matched data. Finally discussing the logistic regression for the matched data analysis and compares matched vs. unmatched analysis of matched case control studies.