

Download Practical Propensity Score Methods Using R

In the statistical analysis of observational data, propensity score matching (PSM) is a statistical matching technique that attempts to estimate the effect of a treatment, policy, or other intervention by accounting for the covariates that predict receiving the treatment. Propensity scores (PS) are an increasingly popular method to adjust for confounding in observational studies. Propensity score methods have theoretical advantages over conventional covariate adjustment, but their relative performance in real-world scenarios is poorly characterized. Introduction Developments in the field of statistical data analysis often parallel or follow advancements in other fields to which statistical methods are fruitfully applied. Methods. Using data acquired from New York State, we use the Propensity Score Matching (PSM) method to control for self-selection bias. The recidivism rate is compared between the treatment and matched comparison group., Practical Propensity Score Methods Using R.

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