

统计图形

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What is propensity score?

Propensity scores(PSs)

- defined by Rosenbaum and Rubin at 2014(Steiner 2010)[?]
- the probability of receiving certain treatments, conditional on observed baseline covariates
- estimated by using modeling to predict treatment allocation with covariates
- two patients with similar PSs have covariates which come from similar distributions

<https://doi.org/10.1093/biomet/70.1.41>

<https://sejdemyr.github.io/r-tutorials/statistics/tutorial8.html> <https://github.com/sejdemyr/ecds>

Propensity score matching with R: conventional methods and new features
Propensity Scores: A Practical Introduction Using R

<https://www.kdnuggets.com/2018/01/propensity-score-matching-r.html>

<https://datascienceplus.com/how-to-use-r-for-matching-samples-propensity-score/>