

Statistical Analysis of Treatment Effects

Your Name

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Abstract

This document presents the results of a statistical analysis exploring the treatment effects using various estimation models.

1 Introduction

Your introduction text here.

2 Results

Table 1: Estimates of treatment effects for ATT of 2673 using 7 models

Model	OLS	Tymon's ATT	RA	NN	NN w/ BA	PSmatch	IPW
Coefficient	2601.273	2672.662	2673.150	2676.090	2673.154	2675.016	2657.696
Std. Dev.	(7.581)	(5.121)	(5.061)	(5.386)	(5.072)	(7.403)	(60.111)

Note: ATT was 2673 on average; OLS is the coefficient on the treatment dummy with covariates; Tymon's ATT is from Słoczyński 2022 OLS theorem; RA is regression adjustment; NN is nearest neighbor Mahanalobis minimization matching; NN w/BA is NN with bias adjustment; PSMATCH is propensity score matching; IPW is inverse probability weighting.

3 Discussion

Your discussion text here.