

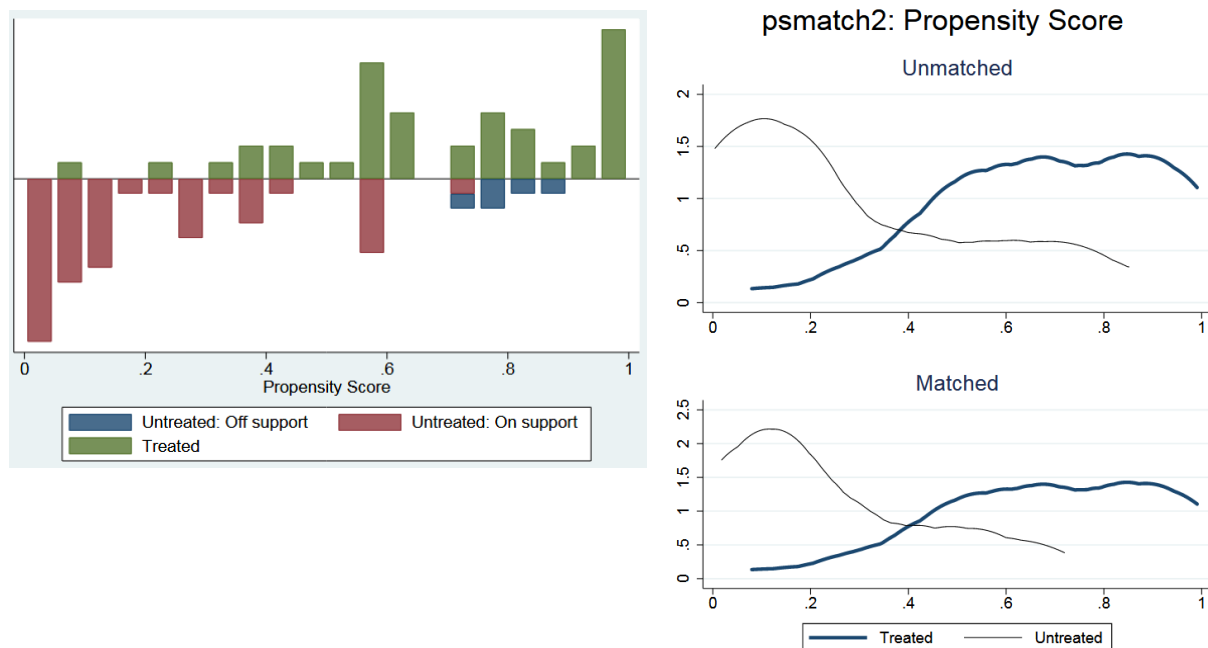
**Digital Appendix TRAIN₄Positivity – Development and Pilot Evaluation of a Mobile-Based Training
of Positivity Bias at the Level of Action Tendencies**

Appendix K6 Additional Results of Propensity Score (PS) Matching

**Appendix K6.1 PS Distribution and PS Density for Different Matching Algorithms Tested – Minima
Maxima Comparison Versus Trimming Method**

Figure K6.1.1

PS Distribution (Left) and PS Density Plot (Right) for 1-to-1-Matching, Norepl¹, Nocommon²



¹ no replacement

² with common or nocommon: with command common (i.e., Minima Maxima comparison) or without common command in Stata

Figure K6.1.2

PS Distribution (Left) and PS Density Plot (Right) for 1-to-1-Matching, Norepl, With Common

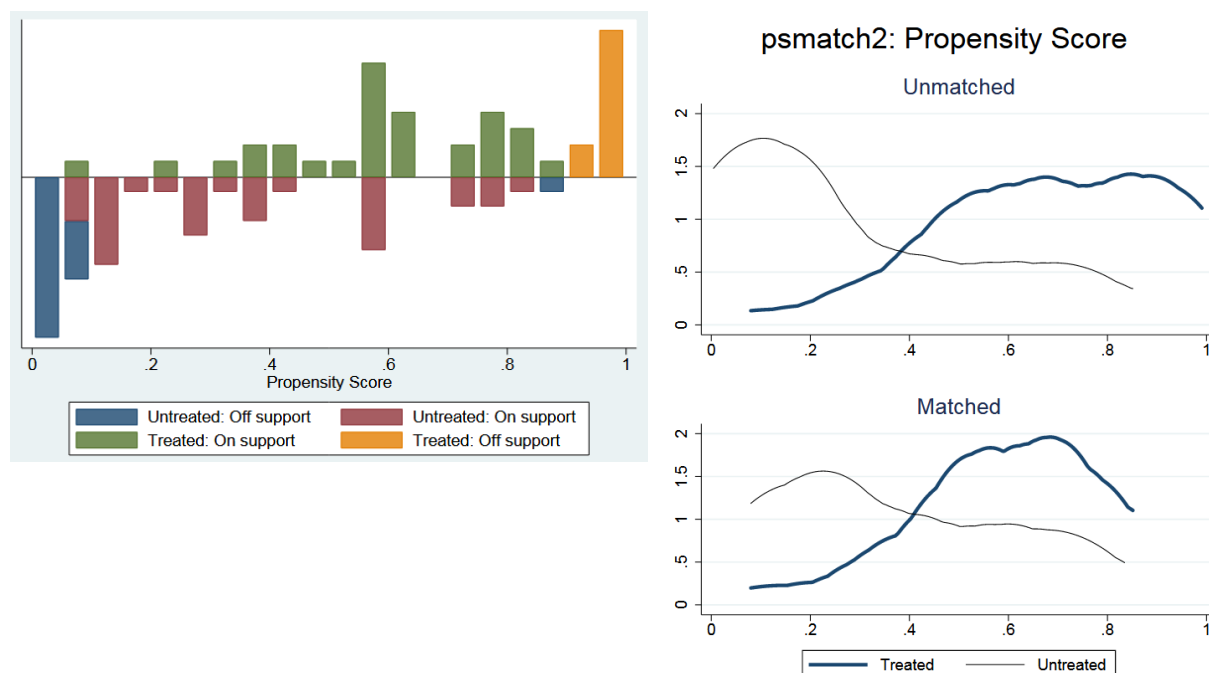
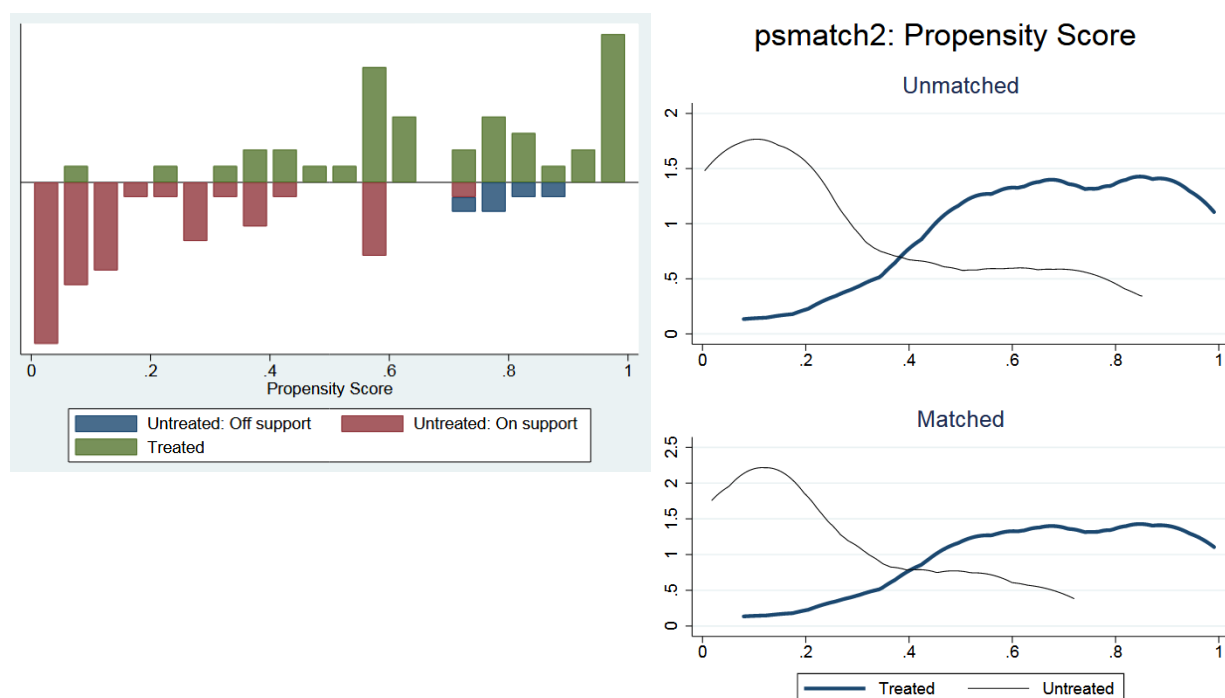


Figure K6.1.3

PS Distribution (Left) and PS Density Plot (Right) for 1-to-1-Matching, Norepl, Trimming³ (1%)



³ with trimming method

Figure K6.1.4

PS Distribution (Left) and PS Density Plot (Right) for 1-to-1-Matching, Norepl, Trimming (5%)

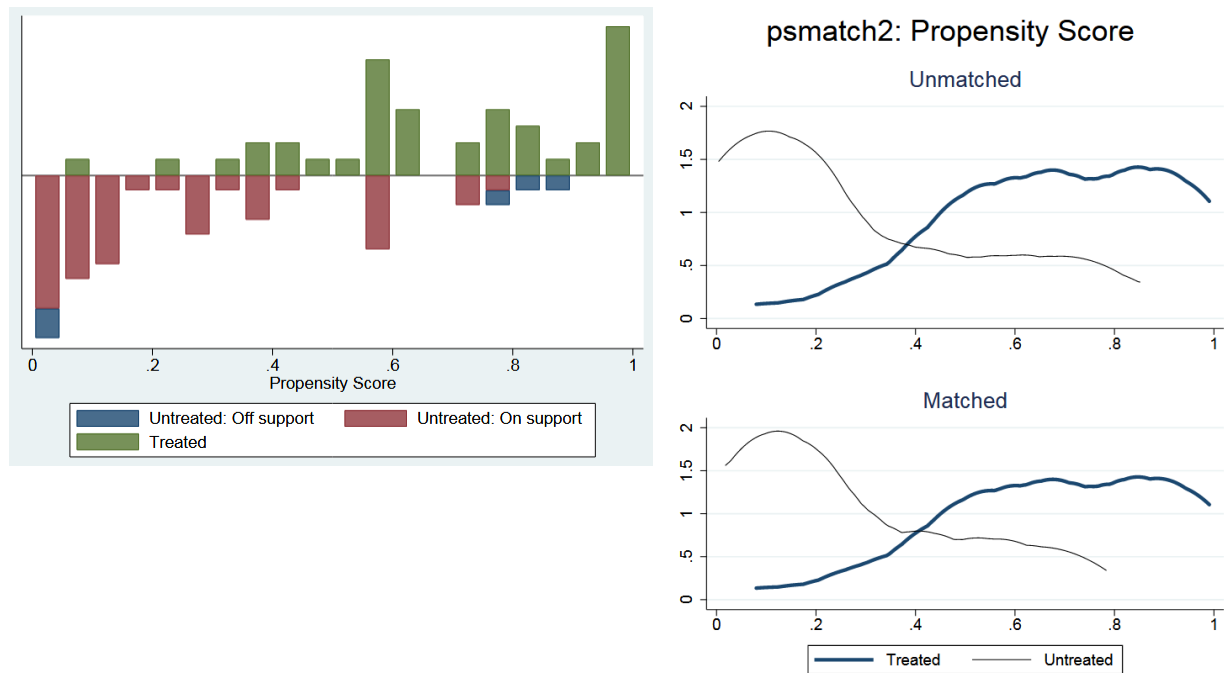
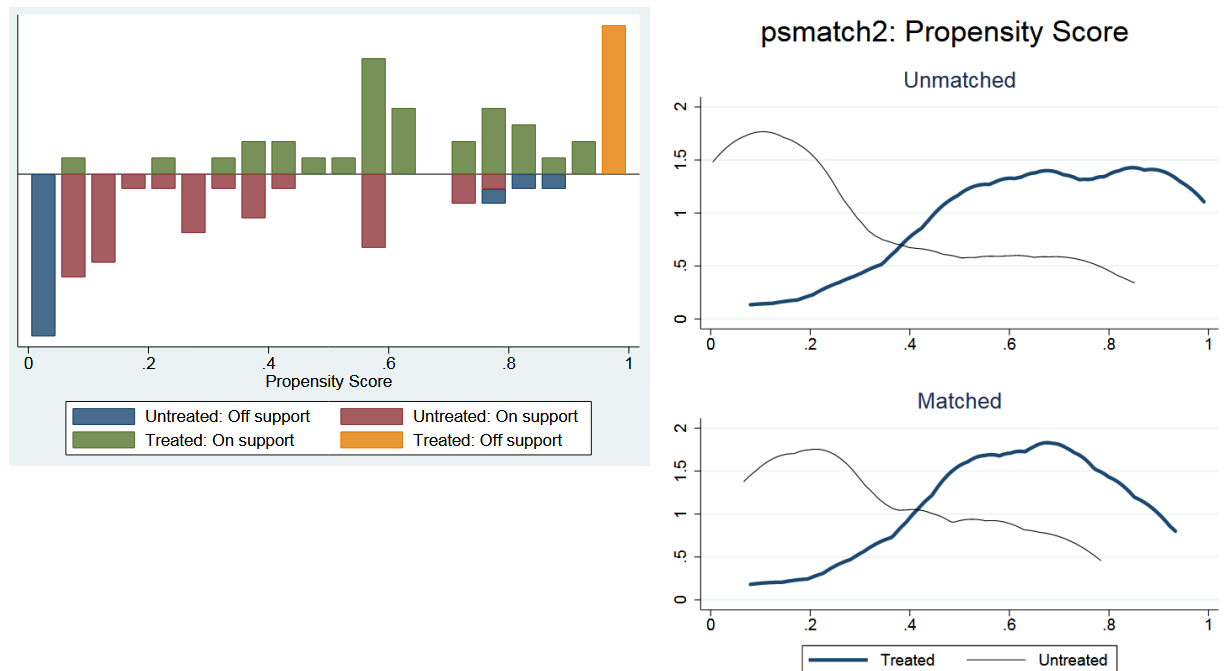


Figure K6.1.5

PS Distribution (Left) and PS Density Plot (Right) for 1-to-1-Matching, Norepl, Trimming (25%)



Appendix K6.2 PS Distribution and PS Density for Different Matching Algorithms Tested –With Common Command

Figure K6.2.1

PS Distribution (Left) and PS Density Plot (Right) for 1-to-1-Matching, Norepl, Common

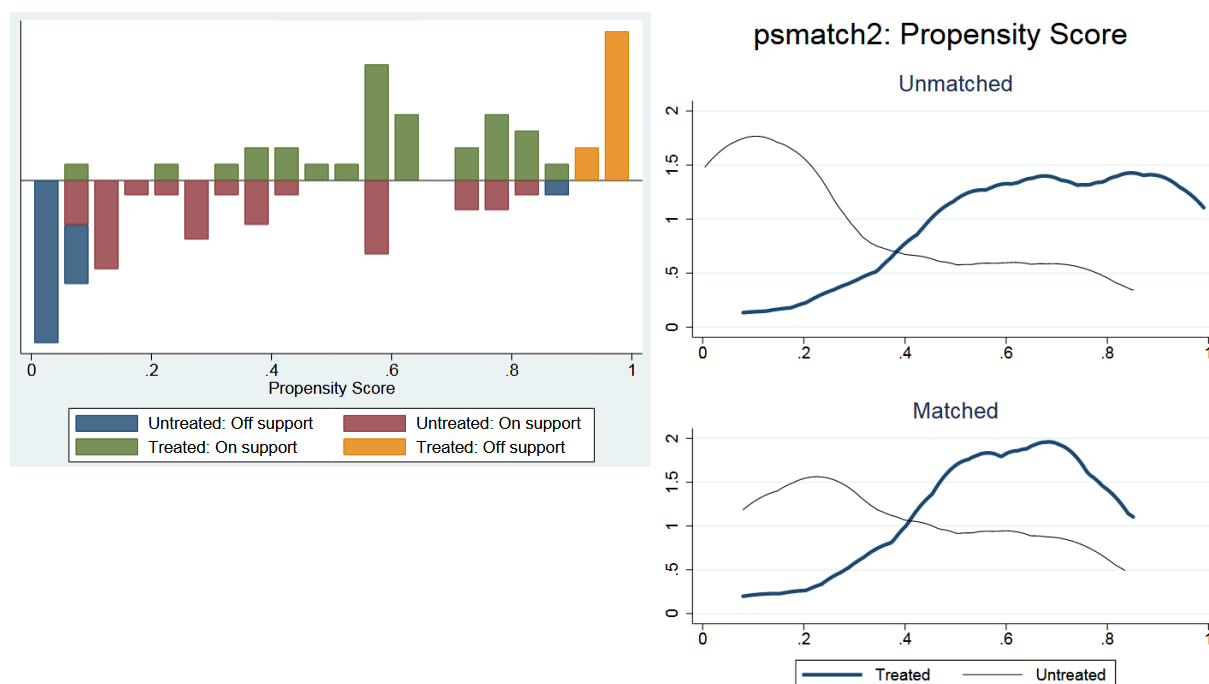


Figure K6.2.2

PS Distribution (Left) and PS Density Plot (Right) for 1-to-1-Matching, With Repl, Common

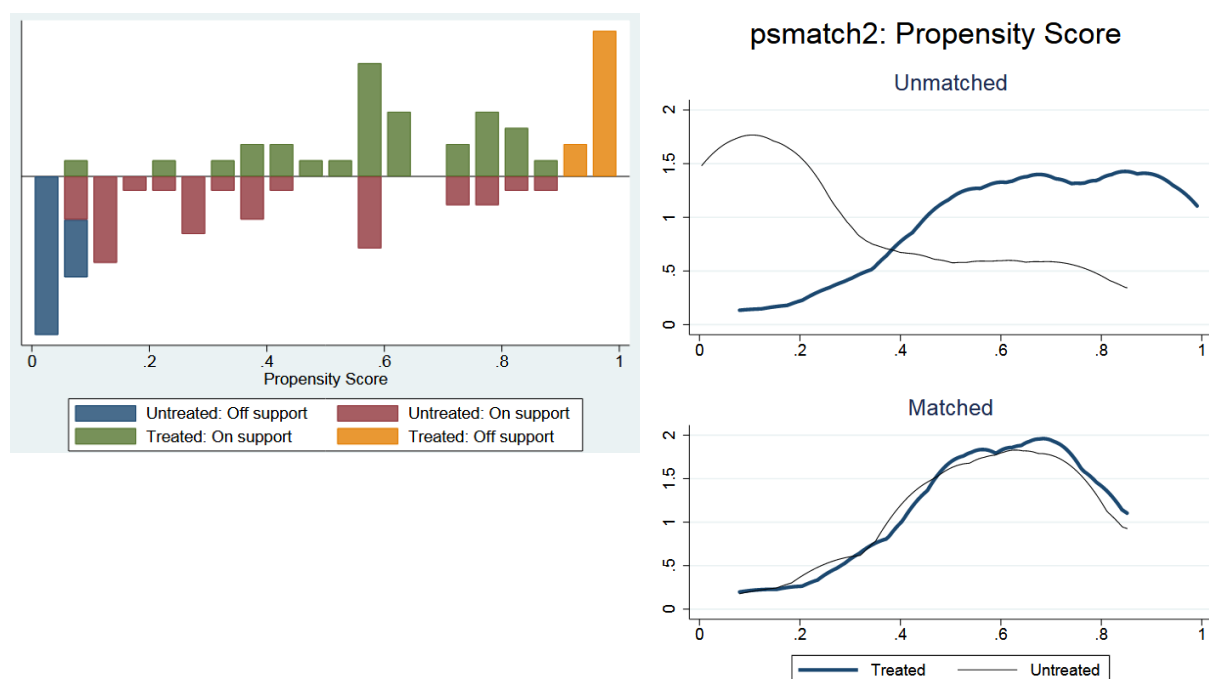


Figure K6.2.3

PS Distribution (Left) and PS Density Plot (Right) for 2nn-Matching (Only With Repl), Common

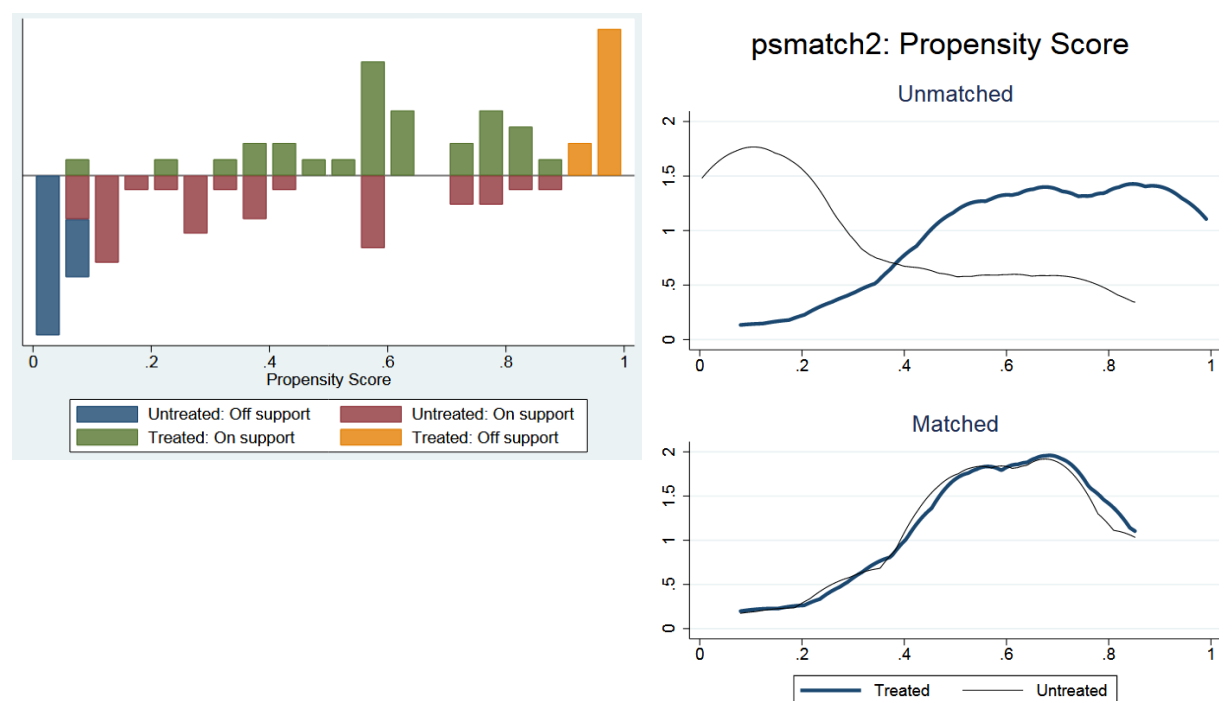


Figure K6.2.4

PS Distribution (Left) and PS Density Plot (Right) for 3nn-Matching (Only With Repl), Common

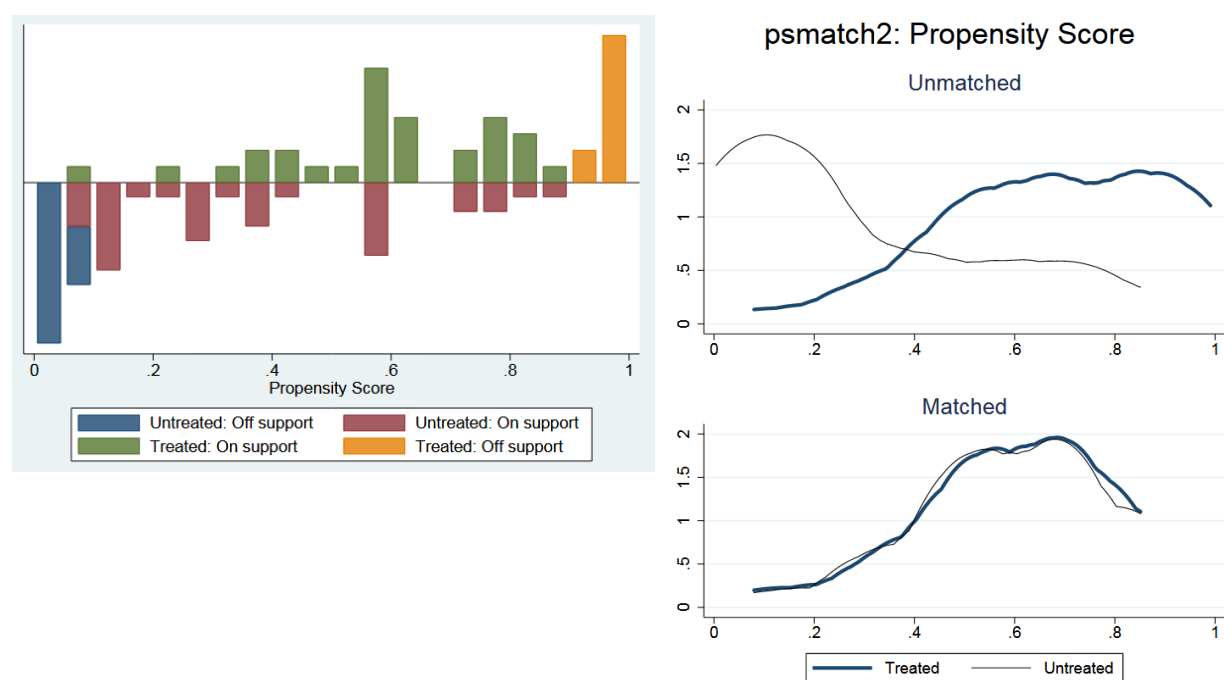


Figure K6.2.5

PS Distribution (Left) and PS Density Plot (Right) for 4nn-Matching (Only With Repl), Common

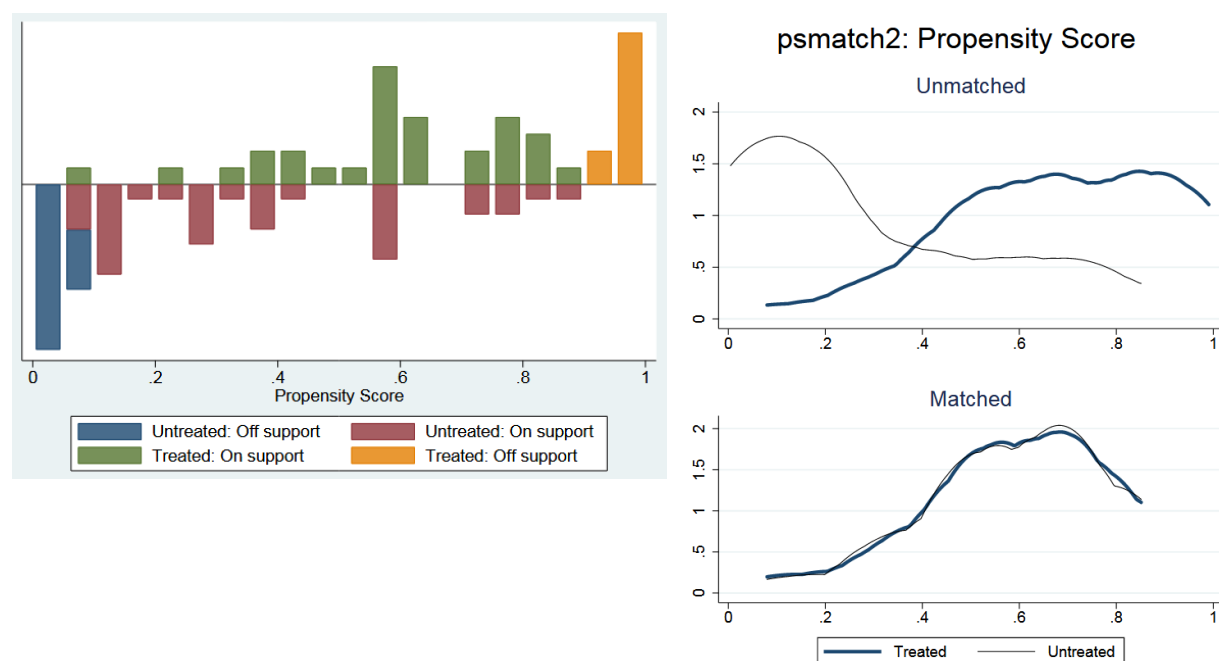


Figure K6.2.6

PS Distribution (Left) and PS Density Plot (Right) for Caliper Matching (0.2), Norepl, Common

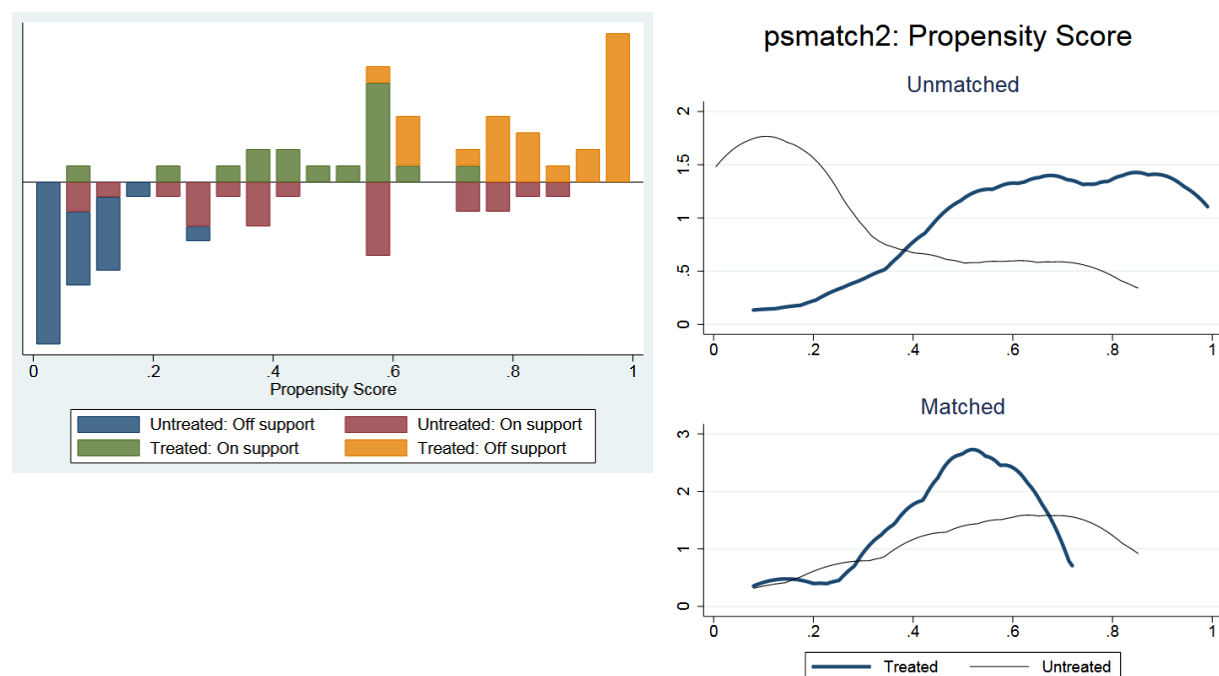


Figure K6.2.7

PS Distribution (Left) and PS Density Plot (Right) for Caliper Matching (0.2), With Repl, Common

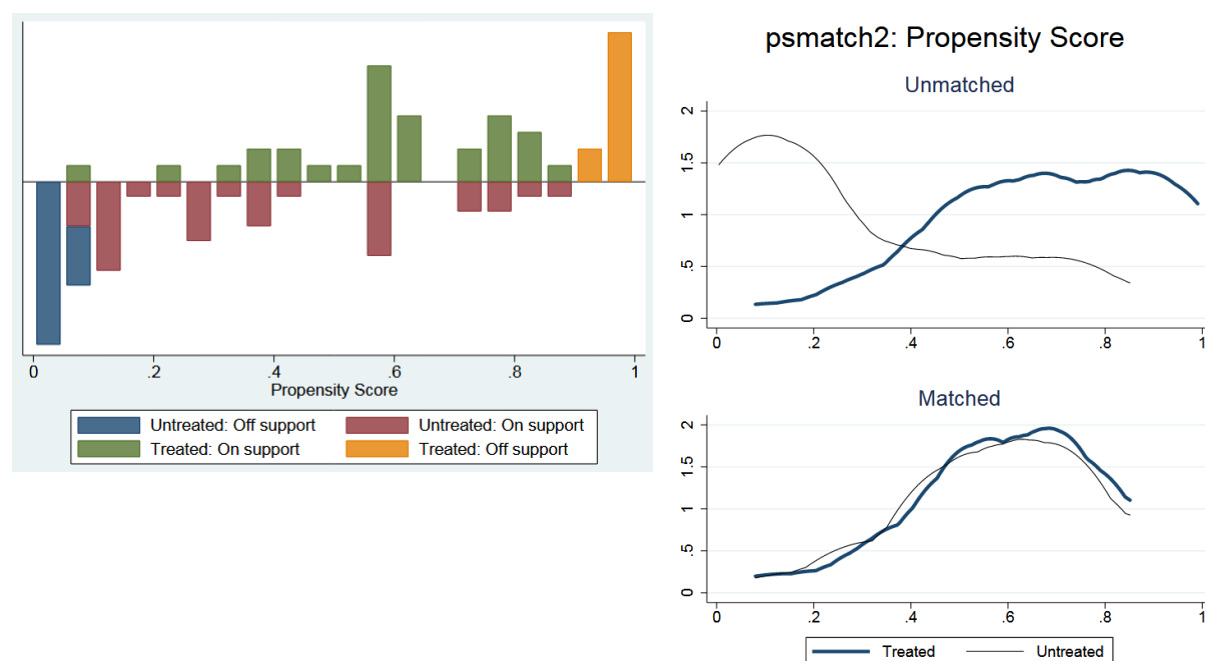


Figure K6.2.8

PS Distribution (Left) and PS Density Plot (Right) for Caliper Matching (0.3), Norepl, Common

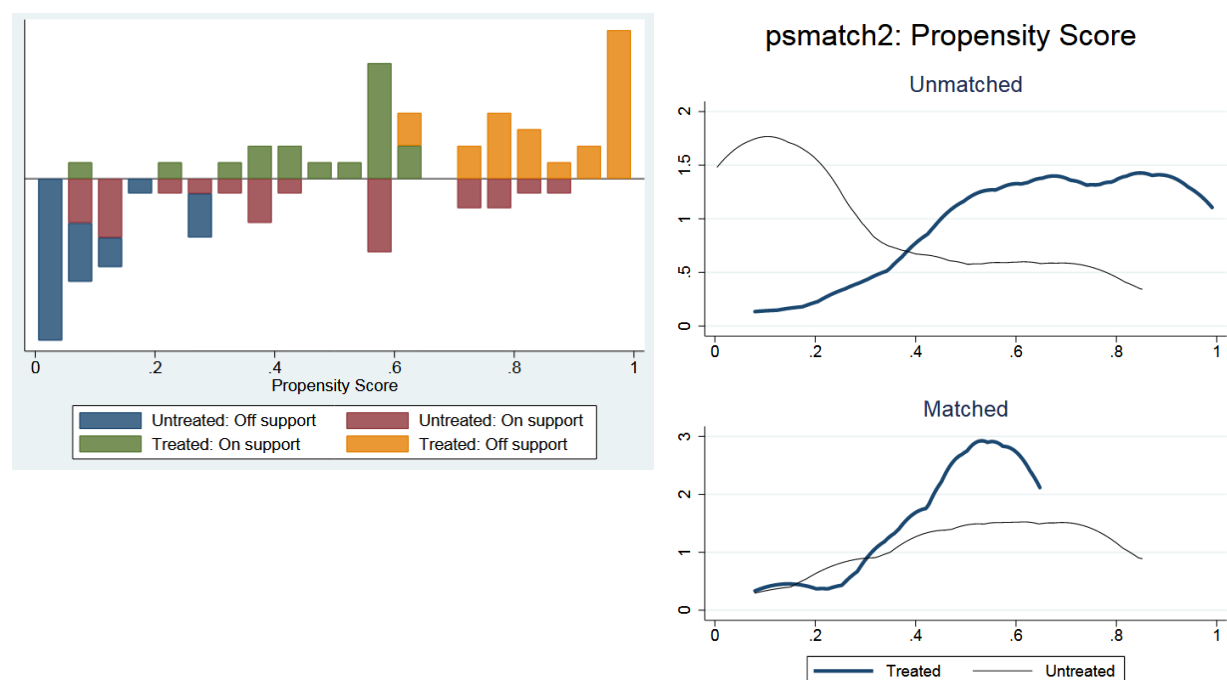


Figure K6.2.9

PS Distribution (Left) and PS Density Plot (Right) for Caliper Matching (0.3), With Repl, Common

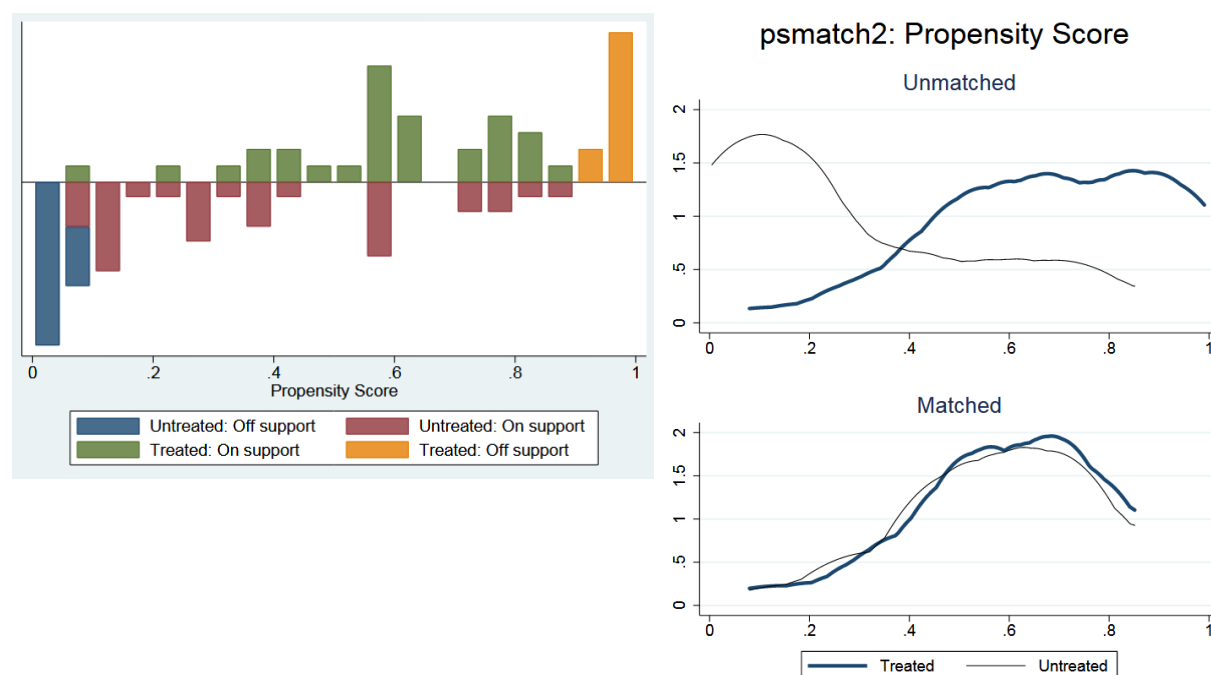


Figure K6.2.10

PS Distribution (Left) and PS Density Plot (Right) for Radius Caliper Matching (0.2), Norepl, Common

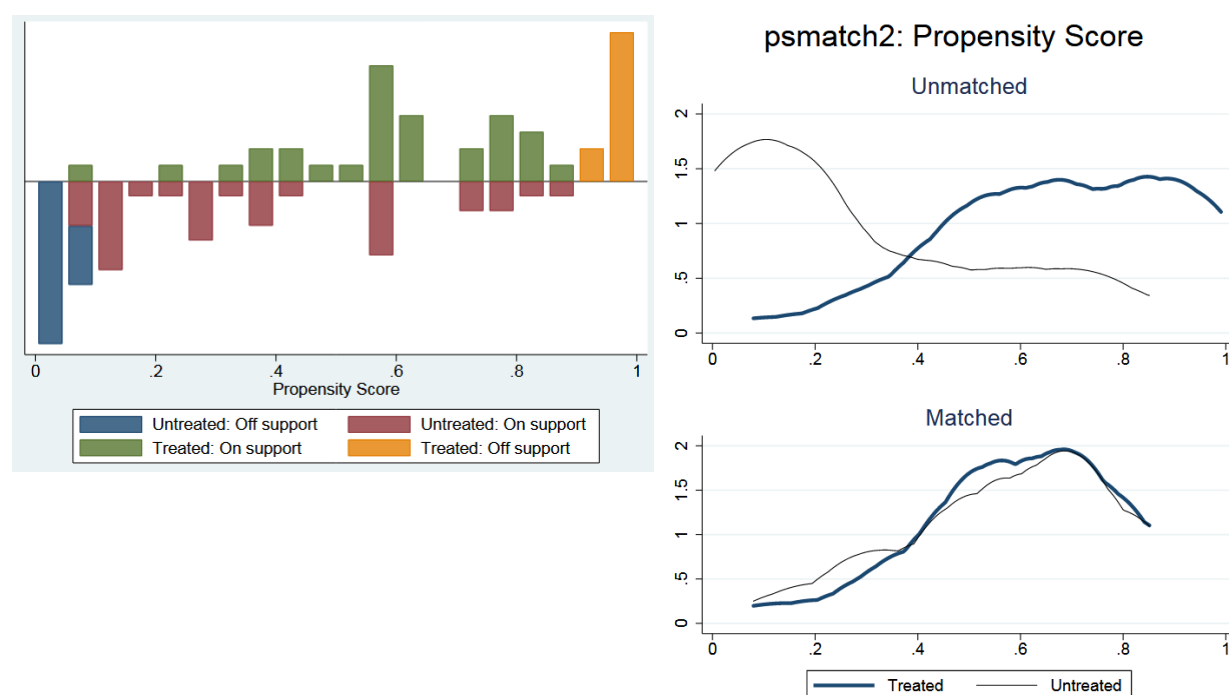


Figure K6.2.11

PS Distribution (Left) and PS Density Plot (Right) for Radius Caliper Matching (0.2), With Repl, Common

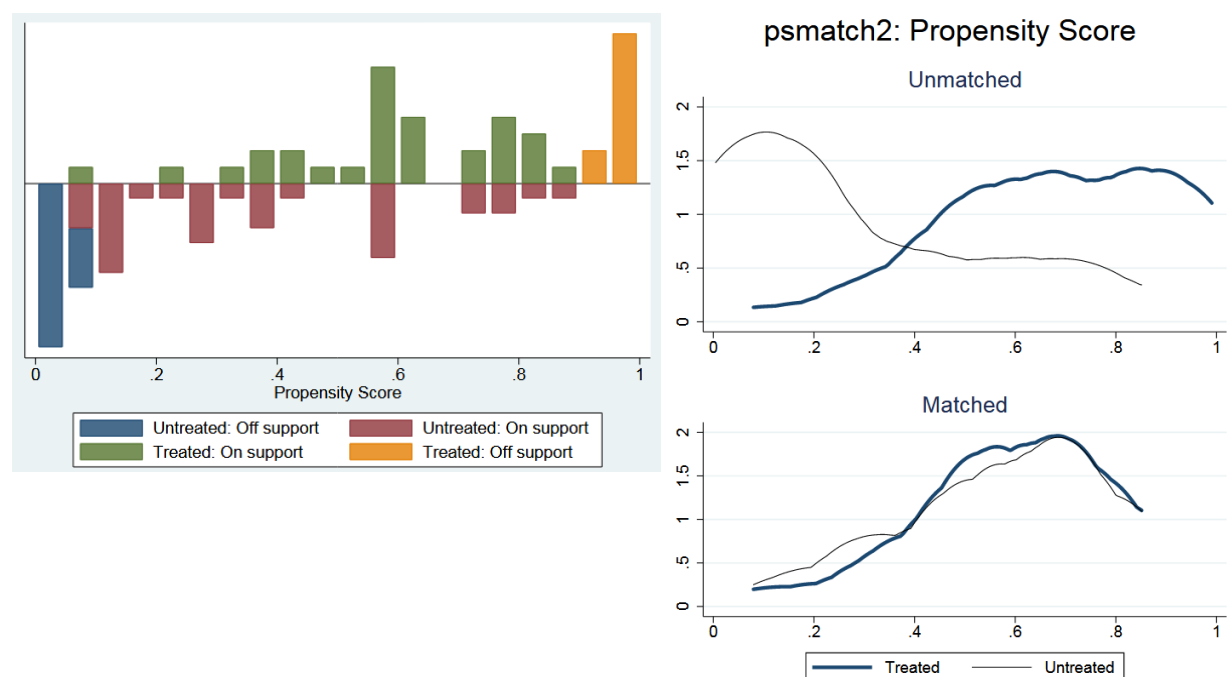
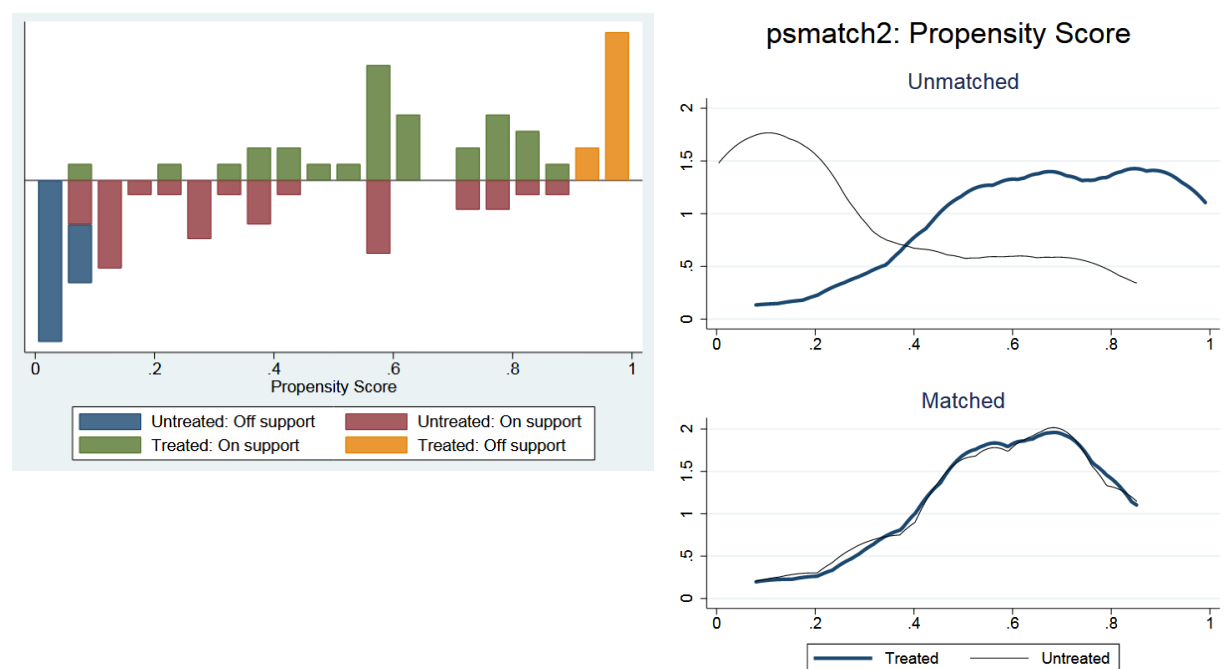


Figure K6.2.12

PS Distribution (Left) and PS Density Plot (Right) for Kernel Matching, Common



Appendix K6.3 PS Distribution and PS Density for Different Matching Algorithms Tested – With Common Command; With Different Numbers of Covariates

Figure K6.3.1

PS Distribution (Left) and PS Density Plot (Right) for 2nn-Matching (Only With Repl), Common, Three Original Covariates (Age, Gender, Education)

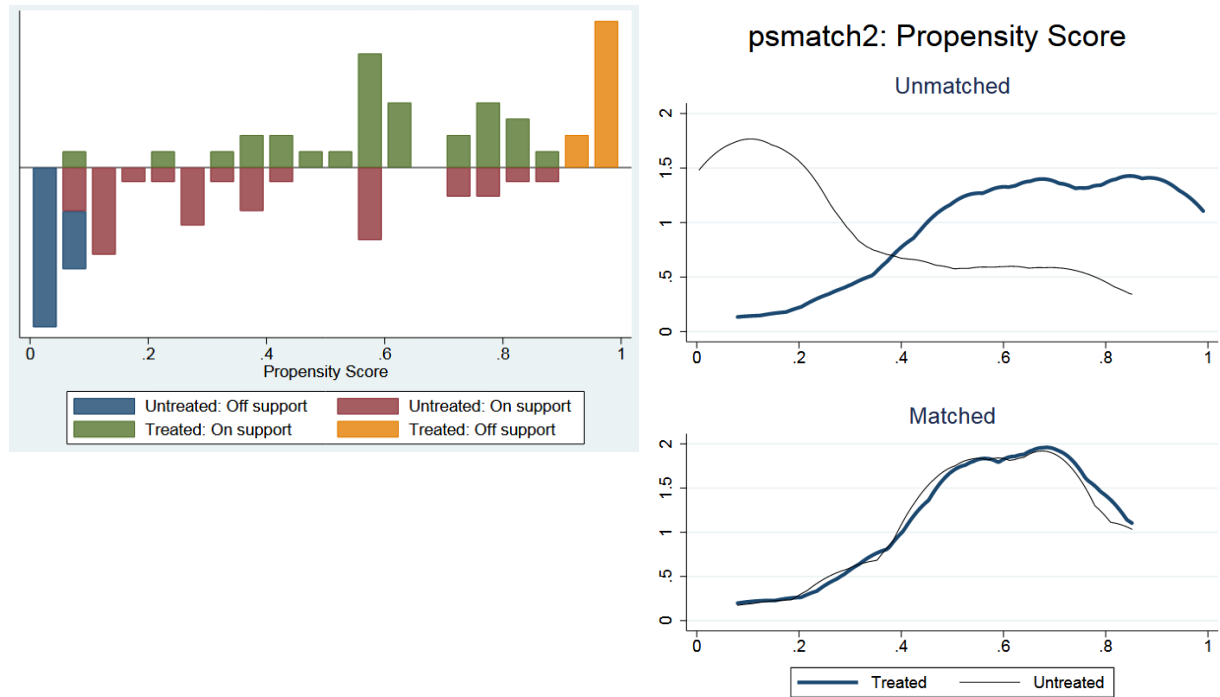


Figure K6.3.2

PS Distribution (Left) and PS Density Plot (Right) for 2nn-Matching (Only With Repl), Common, Three Original Covariates + Mental Health (GHQ-28)

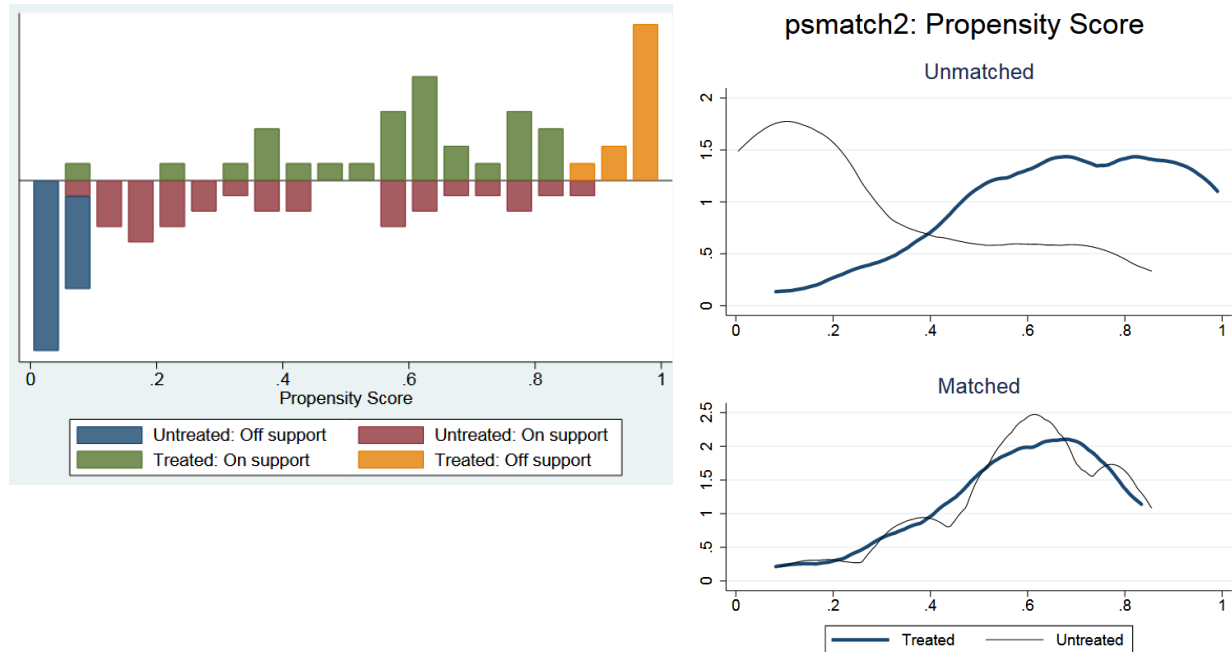


Figure K6.3.3

PS Distribution (Left) and PS Density Plot (Right) for 2nn-Matching (Only With Repl), Common, Three Original Covariates + Microstressors (MIMIS)

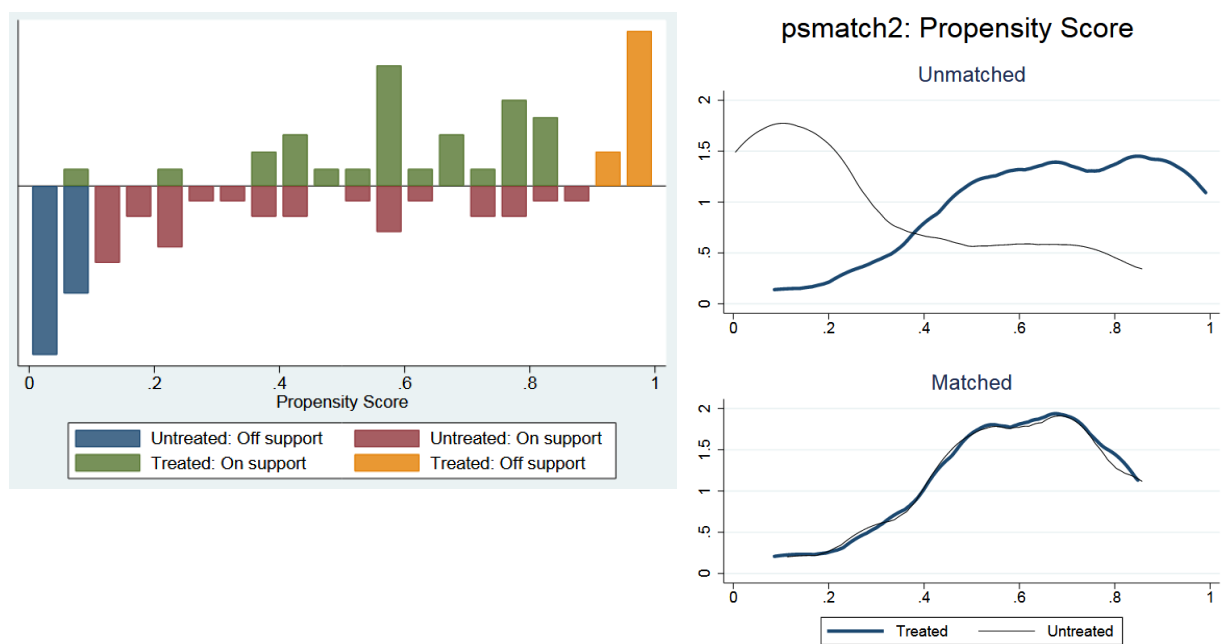


Figure K6.3.4

PS Distribution (Left) and PS Density Plot (Right) for 2nn-Matching (Only With Repl), Common, Three Original Covariates + Macrostressors (LE Checklist)

