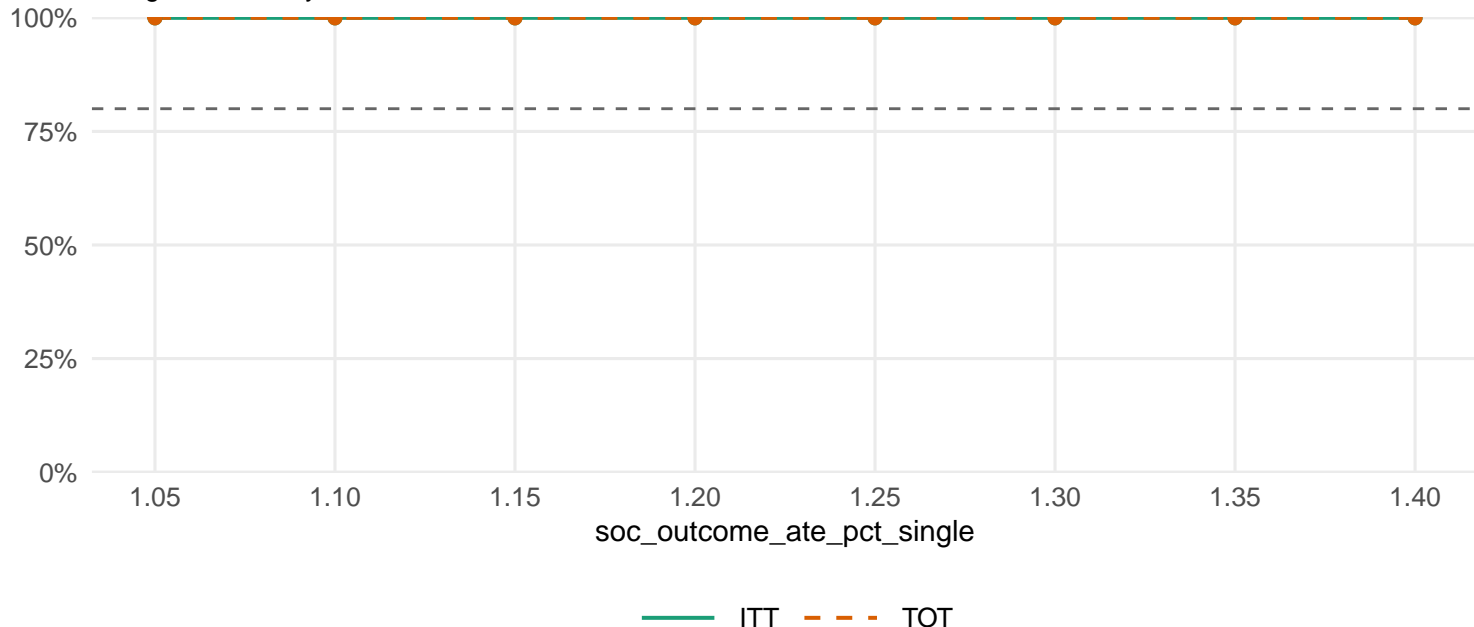


# Power vs soc\_outcome\_ate\_pct\_single (Environmental) by Arm

Design: community\_level



Arms: control, T1. Allocation: control=50%, T1=50%

Design: 130 communities; avg individuals=100 (sd=10).

Observations: Socio-economic T=3 at months [1, 6, 12]; Environmental T=6 at months [1, 2, 3, 4, 5, 6].

Stratified on year, NGO, and tribe with outcome distributions  $N(0, \text{var: year}=0.5, \text{NGO}=0.5, \text{tribe}=0.5)$ .

Expected take-up (ITT vs. TOT): control=0%, T1=100%

Soc outcome: dist=negbin, theta=6.00, baseline=35, ICC=0.050, AR1 rho=0.20, AR1 var=0.50.

Env outcome: baseline mean=400, sd=200, ICC=0.030, AR1 rho=0.50, AR1 var=1.00.

Inference: alpha=5%, sims=300, seed=123, SE=Cluster-robust (HC1)