**Part a**

Balance table



**Part b**

In this case ATE = TOT because (y\_0,y\_1) are independent of D. There for TOT is $886.30.



**Part c**

OLS estimate using NSW sample of treated and CPS as controls. We get a large negative selection bias. The estimated effect is -$8870.30.



**Part d**

Covariate balancing is poor. Treated group is generally:

* Younger
* Less educated
* More likely to be black
* Married
* Without a degree
* Low pre-program income



Support comparison graphs











**Part e**

Nearest neighbor K=1. The first box gives the propensity score regression results, and the second gives the treatment effect estimate from one-to-one matching (nearest neighbor with K=1).



**Part f**

Using same propensity scores and using the local linear matching technique.

