Some Problems with Experiments

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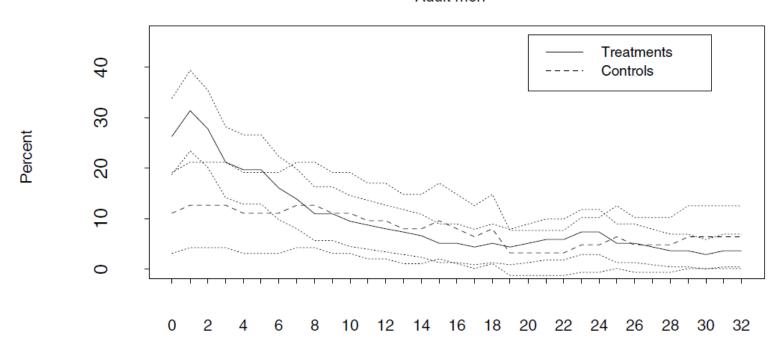
- Disrupt Environments
 (Heckman, 1992; Hotz, 1992)

 Randomization BIAS
- Do not capture entry effects (Heckman 1992; Moffitt 1992)
- Substitution BIAS

 (Heckman, Hohmann and Khoo)

Figure 9
Percentage Receiving Classroom Training

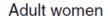
Adult men

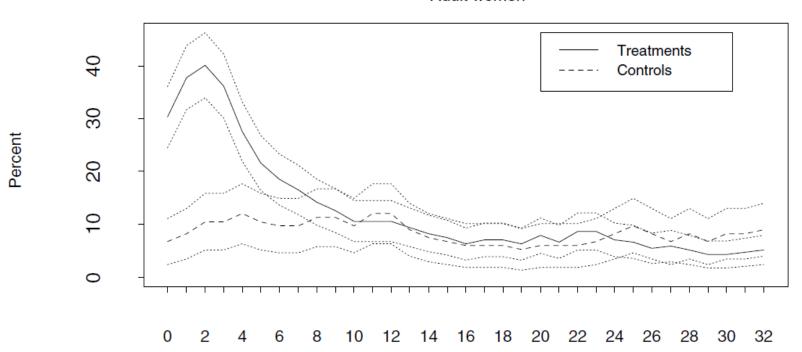


Month after random assignment

The percentages are the proportion of persons among the sample who report the receipt of classroom training in each month following random assignment. The sample includes only those persons who responded for the entire 32 months of the survey. Month 0 is the month of random assignment. Standard error bars indicate +/ 2 standard errors about the mean.

Figure 10 Percentage Receiving Classroom Training





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TABLE 10

Treatment Group Dropout and Control Group Substitution in Experimental Evaluations of Active Labor Market Policies [Fraction of Experimental Treatment and Control Groups Receiving Services]

Study	Authors/Time Period	Target Group(s)	Fraction of Treatments Receiving Services	Fraction of Controls Receiving Services
1. NSW*	Hollister, et al. (1984) (9 months after RA)	Long Term AFDC Women Ex-addicts 17 - 20 year old H.S. dropouts	0.95 ~ <u>NA</u> <u>NA</u>	0.11 0.03 0.04
2. SWIM	Friedlander and Hamilton (1993) (Time period not reported)	AFDC Women: Applicants and Recipients a. Job Search Assistance b. Work Experience c. Classroom Training/OJT d. Any activity	0.54 0.21 0.39 0.69	0.01 0.01 0.21 0.30
		a. Job Search Assistance b. Work Experience	0.60 0.21	0.01 0.01
3. JOBSTART	Cave, et al. (1993)	c. Classroom Training/OJT d. Any activity	0.34 0.70	0.22 0.23
<u>3. JUBSTAKT</u>	(12 months after RA)	Youth High School Dropouts Classroom Training/OJT	0.90	<u>0.26</u>
4. Project Independence	Kemple, et al. (1995) (24 months after RA)	AFDC Women: Applicants and Recipients		-
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		a. Job Search Assistanceb. Classroom Training/OJTc. Any activity	0.43 0.42 0.64	0.19 0.31 0.40
5. New Chance	Quint, et al. (1994) (18 months after RA)	Teenage Single Mothers		
	(10 months weet 101)	Any education services Any training services Any education or training	0.82 0.26 0.87	0.48 0.15 0.55
<u>6. NJS</u>	Heckman and Smith (1998c)	Self-reported from Survey Data		
	(18 months after RA)	Adult Males Adult females Male youth Female youth	0.38 0.51 0.50 0.58	0.24 0.33 0.32 0.41
		Combined Administrative and Survey Data		
		Adult males Adult females Male youth Female youth	0.74 0.78 0.81 0.81	0.25 0.34 0.34 0.42

Notes: RA = random assignment. H.S. = high school. Service receipt includes any employment and training services. The services received by the controls in the NSW study are CETA and WIN jobs. For the Long Term AFDC Women, this measure also includes regular public sector employment during the period.

Sources: Masters and Maynard (1981), p. 148, Table A.15; Maynard (1980), p. 169, Table A14. Friedlander and Hamilton (1993), p. 22, Table 3.1; Cave, et al. (1993), p. 95, Table 4-1; Kemple, et al. (1995), p. 58, Table 3.5; Quint, et al. (1994), p. 110, Table 4.9; Heckman and Smith (1998c) and calculations by the authors.

• Does Not Produce Distribution of Benefits

• Only Determines Marginals

• Can Bound The Joint Distribution