



An individual had to

Eligibility

criteria

- 1. File a claim for UI between July 29, 1984 and November 17, 1984
- 2. Be eligible for 26 weeks of UI benefits
- 3. Register with one of the 22 Job service offices in northern and central Illinois
- 4. Be at least 20 years old, but less than 55

Each claimant was assigned to one of three groups: control group, Claimant Experiment and Employer Experiment based on the last two digits of his/her SSN. Claimants were asked to sign an "agreement to participate".

What is the advantage of experiments?





	Control		Claimant Experiment		Employer Experiment	
	N	Propor- tion	N	Propor- tion	N	Propo
Total	3,952	1.000	4,186	1.000	3,963	1.000
Male	2,162	0.547	2,357	0.563	2,131	0.538
White	2,497	0.632	2,723	0.651	2,565	0.647
Black	1,072	0.271	1,050	0.251	1,014	0.256
Hispanic, Native						
American,						
Other	383	0.097	413	0.099	384	0.097
Age 20-29	1,680	0.425	1,827	0.436	1,679	0.424
Age 30-39	1,315	0.333	1,357	0.324	1,292	0.326
Age 40-49	708	0.179	776	0.185	740	0.187
Age 50-54	248	0.063	226	0.054	252	0.064
Weekly Benefit Amount:						
\$51	347	0.088	355	0.085	333	0.084
\$52-\$90	794	0.201	887	0.212	861	0.217
\$91-\$120	666	0.169	738	0.176	711	0.179
\$121-\$160	749	0.190	822	0.196	716	0.181
\$161	1,396	0.353	1,384	0.331	1,342	0.339
Dependents'						
Allowance	1,834	0.323	1,955	0.345	1,883	0.332





	Control		Clai Expe	Claimant Experiment		Employer Experiment	
	Mean	SE of Mean	Mean	SE of Mean	Mean	SE of Mean	
Benefits Paid (\$):							
1) State Regular,							
First Spell	2,267	27.5	2,074	26.7	2,159	27.4	
2) Total, First							
2) State Besules	2,558	33.8	2,329	32.9	2,446	33.8	
S) State Regular, Benefit Vear	2 487	27.0	2 3 28	26.3	2 426	27.0	
4) Total, Benefit	2,407	21.0	2,520	20.5	2,420	27.0	
Year	2,786	33.1	2,592	32.2	2,725	33.8	
Weeks of Insured							
Unemployment:							
 First Spell 	18.3	0.205	17.0	0.199	17.7	0.205	
2) Benefit Year	20.1	0.194	18.9	0.188	19.7	0.194	
		SE		SE		SE	
	Propor-	of Pro-	Propor-	of Pro-	Propor-	of Pro-	
	tion	portion	tion	portion	tion	portion	
Proportion of							
Claimants Who:							
1) Exhausted	0.170	0.000	0.446	0.000		0.000	
Benefits	0.478	0.008	0.440	0.008	0.464	0.008	
within 11 weeks	0 353	0.008	0.408	0.008	0 384	0.008	
N	3.	952	4.	186	0.004	3.963	

ATT =
$$E(y_{1l}|w = 1) - E(y_{0l}|w = 0)$$

ATT = $\frac{ITT}{Pr(w = 1|g = 1) - Pr(w = 1|g = 0)}$
You adjust for the probability of becoming purple
Touristic Comparison
Touristic Comparison

Randomized trials in Illinois by Woodbury and Spiegelman

Between mid 1984 and mid 1985, New claimants for Unemployment Insurance were randomly assigned to one of two experiments that were designed to speed up the return to work.

UI may prolong jobless spell beyond what it would be in the absence of unemployment benefit:

- 1. UI benefits may act as subsidy to additional job search
- 2. UI benefits are also a subsidy to leisure