

Unemployment Insurance Experiment Data

Data Source: The data come from Pennsylvania Reemployment Bonus Demonstration Project which was conducted by U.S. Department of Labor (see Jones 1991). The sample was analyzed by Biliás (2000) and Biliás and Koenker (2002). More information is available at: <http://qed.econ.queensu.ca/jae/2000-v15.6/biliás/>.

Dataset: the file `penn.csv` contains the following data

| Variable | Description |
|-------------------------|---|
| <code>abdt</code> | Time of enrollment |
| <code>tg</code> | Treatment group (a factor with 5 levels, 0 = control group) |
| <code>inuidur1</code> | The first spell of unemployment (in weeks) |
| <code>female</code> | Dummy = 1 if female |
| <code>black</code> | Dummy = 1 if black |
| <code>hispanic</code> | Dummy = 1 if hispanic |
| <code>othrace</code> | Dummy = 1 if non-white, non-black, non-hispanic |
| <code>dep</code> | The number of dependants |
| <code>q1</code> | Dummy = 1 if enrolled in quarter 1 |
| <code>q2</code> | Dummy = 1 if enrolled in quarter 2 |
| <code>q3</code> | Dummy = 1 if enrolled in quarter 3 |
| <code>q4</code> | Dummy = 1 if enrolled in quarter 4 |
| <code>q5</code> | Dummy = 1 if enrolled in quarter 5 |
| <code>q6</code> | Dummy = 1 if enrolled in quarter 6 |
| <code>agelt35</code> | Dummy = 1 if age is less than 35 |
| <code>agegt54</code> | Dummy = 1 if age is greater than 54 |
| <code>durable</code> | Dummy = 1 if claimant works in a sector of durable manufacture |
| <code>nondurable</code> | Dummy = 1 if claimant works in a sector of nondurable manufacture |
| <code>lussd</code> | Dummy = 1 if area of low unemployment % and short duration |
| <code>husd</code> | Dummy = 1 if area of high unemployment % and short duration |
| <code>muld</code> | Dummy = 1 if area of moderate unemployment % and long duration |

References

- Biliyas, Yannis. Sequential testing of duration data: the case of the Pennsylvania reemployment bonus experiment. *Journal of Applied Econometrics* 15, no. 6 (2000): 575-594.
- Koenker, Roger, and Yannis Biliyas. Quantile regression for duration data: a reappraisal of the Pennsylvania reemployment bonus experiments. *Economic Applications of Quantile Regression*, pp. 199-220. Physica-Verlag HD, (2002).
- Jones, Roberts T. Pennsylvania Reemployment Bonus Demonstration Final Report. *Occasional Paper* 92 (1991): 1.