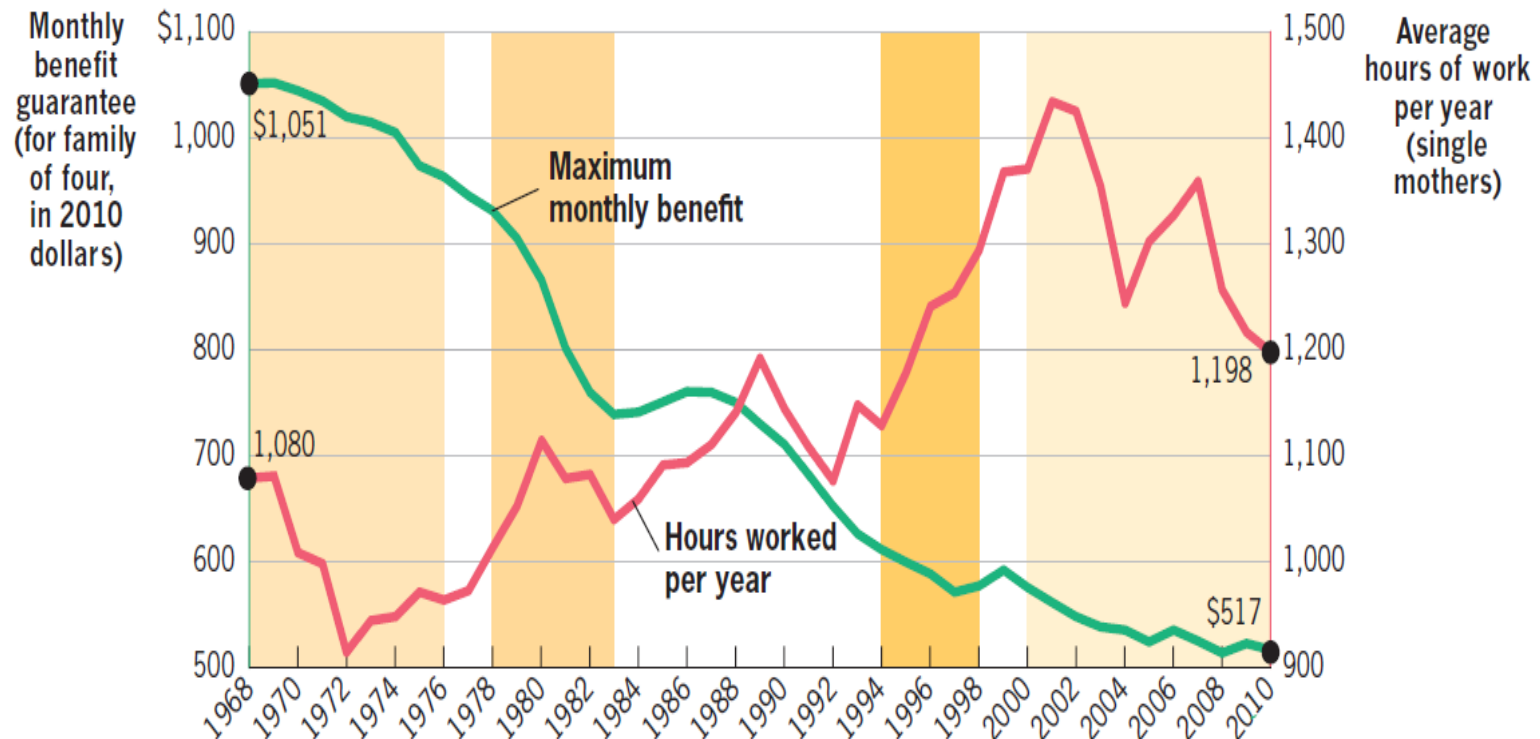


## 3.3

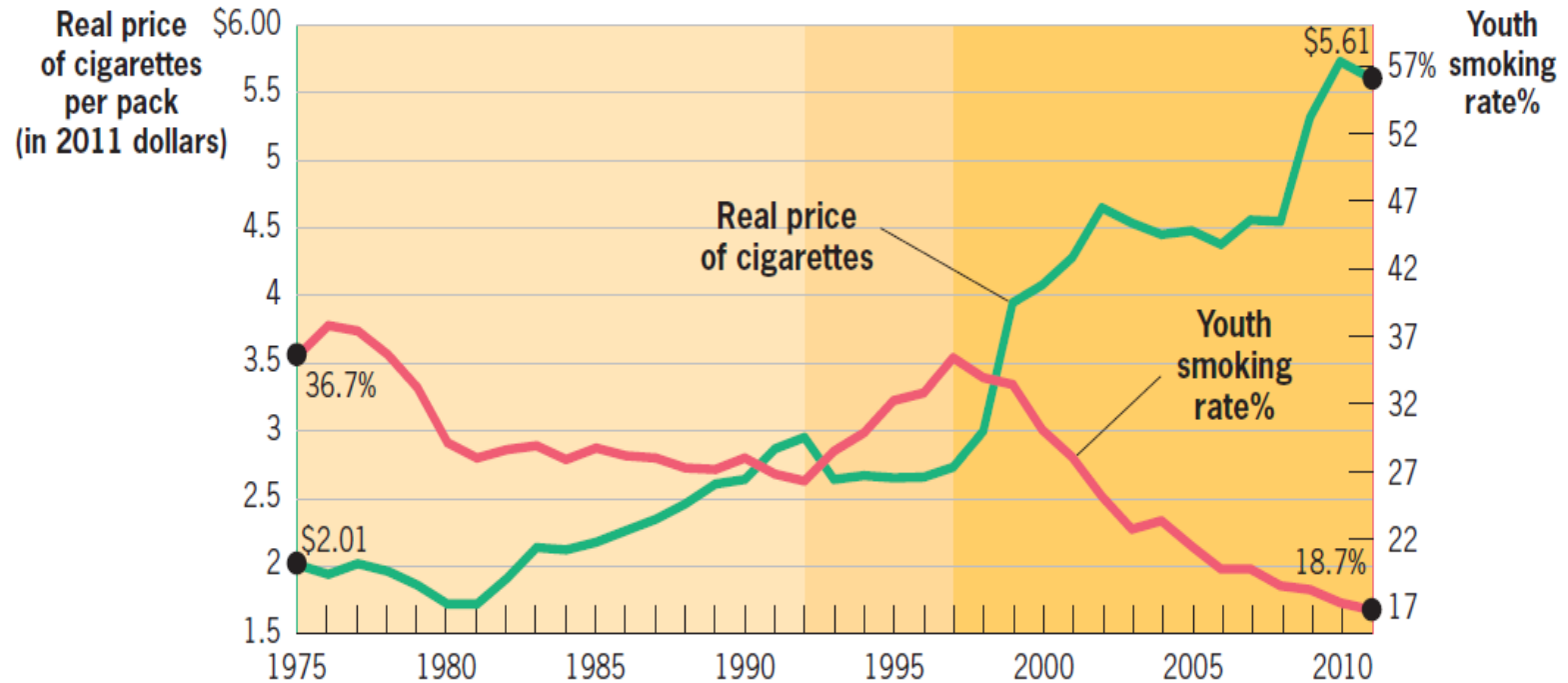
## Time Series Analysis: Cash Welfare Guarantee and Hours Worked Among Single Mothers



**Time series analysis:** Analysis of two series over time.

## 3.3

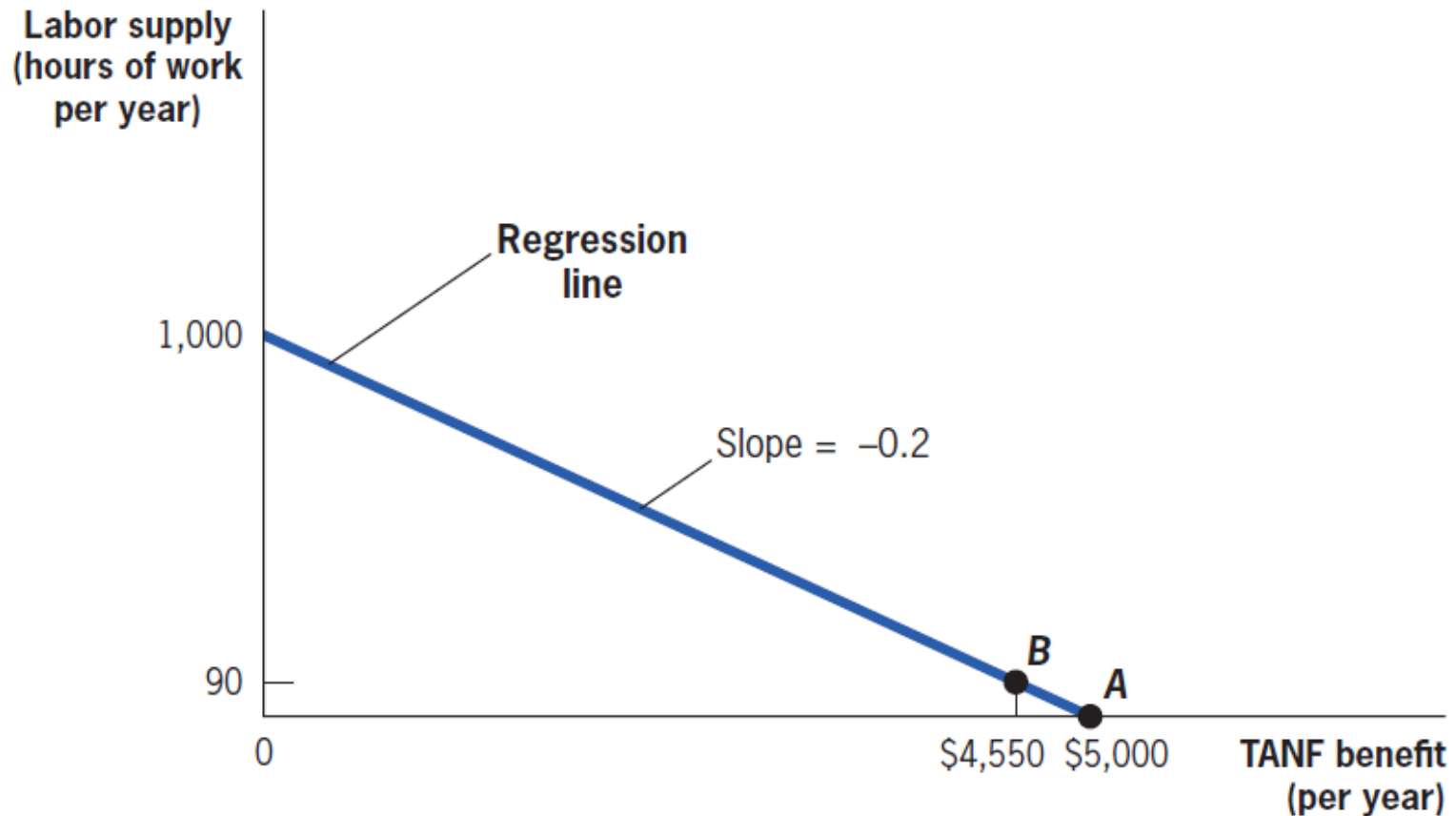
# When Is Time Series Analysis Useful? Cigarette Prices and Youth Smoking



- Sharp, simultaneous changes in prices and smoking rates in 1993 and 1998–onward
- Known causes: price war, tobacco settlements

## 3.3

# Cross-Sectional Regression Analysis: Labor Supply and TANF Benefit



## 3.3

# Example with Real-World Data: Labor Supply and TANF Benefits



## 3.3

## Benefits and Labor Supply in Arkansas and Louisiana

<b>Arkansas</b>			
	1996	1998	Difference
Benefit guarantee (\$)	5,000	4,000	-1,000
Hours worked	1,000	1,200	200
<b>Louisiana</b>			
	1996	1998	Difference
Benefit guarantee (\$)	5,000	5,000	0
Hours worked	1,050	1,100	50

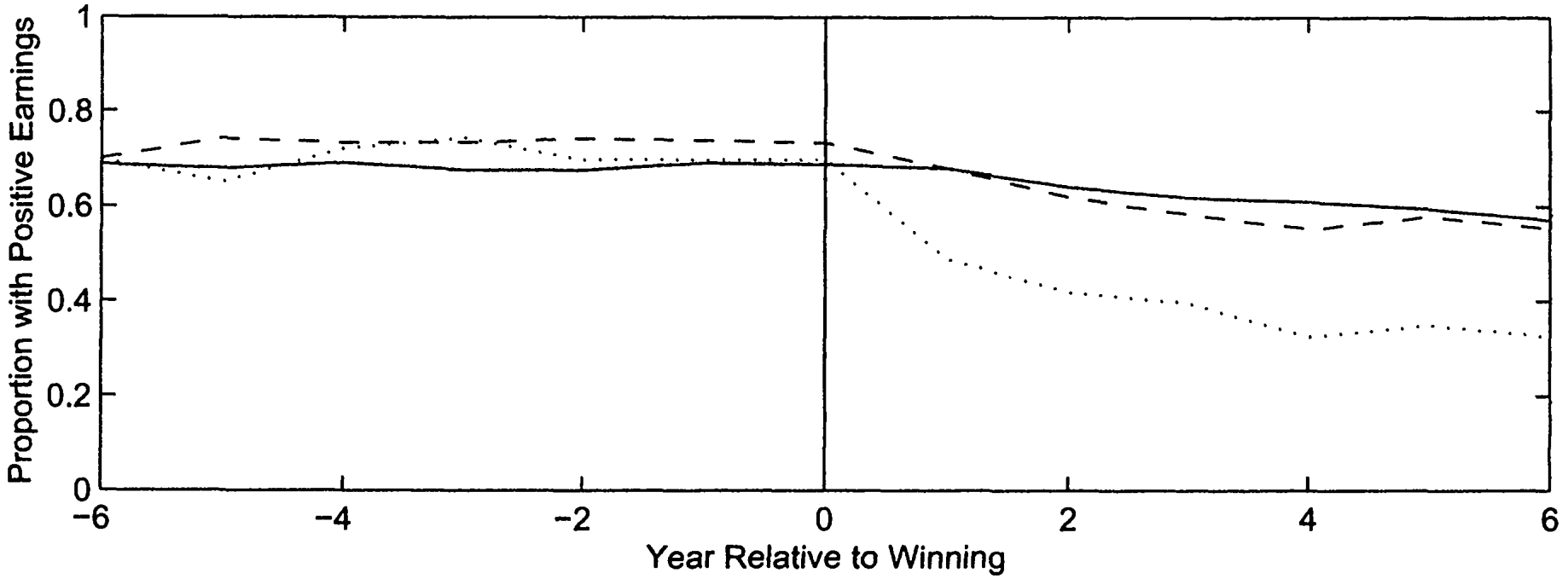


FIGURE 2. PROPORTION WITH POSITIVE EARNINGS FOR NONWINNERS, WINNERS, AND BIG WINNERS

Note: Solid line = nonwinners; dashed line = winners; dotted line = big winners.

Source: Imbens et al (2001), p. 784

## All Unmarried Females

