

**Chore Wars by Leora Friedberg and Anthony Webb  
Discussion by Marjorie McElroy**

- 1. Important subject, good paper**
- 2. Bargaining power - measures of**
- 3. Systems of Time Use Equations**
  - adding up, the implicit left out use**
  - complements and substitute**
  - zeros**
- 4. Wages and bargaining,  
wages and income,  
wages and specialization,**
- 5. Wishes - data on spouses**
  - easy merge with CPS data**
  - hobbies**

## 2. Bargaining power

- $\frac{w_o}{w_o + w_s} =$  **share of earnings capacity**

- **Education – equivalent, revealing specification**

$$S = \dots + \beta_o E_o + \beta_s E_s + \dots$$

$$S = \dots + b_o E_o + b_d (E_o - E_s)$$

- **Spouses of different races**
- **Results robust to choice?**

### 3.

#### A. System of Time Use Equations

$$H = \alpha_h + \beta_h r_o$$

$$S = \alpha_s + \beta_s r_o$$

$$L = \alpha_l + \beta_l r_o$$

**Adding up** 
$$T = H + S + L \equiv \sum_i \alpha_i + r_o \sum_i \beta_i$$

$$T \equiv \sum_i \alpha_i$$

$$1 \equiv \sum_i \beta_i$$

#### B. Compliments and substitutes

#### C. Zeros:

No dog, no kids, no job on weekend

→ No pet care, no time with kids, H=0.

What to do?

1. Tobit – or model corner solution

2. Aggregate time uses up to  
care for HH members by person i

**Hicks composite commodity works if  
Hours worth of ironing by particular  
person. Not 3 shirts ironed,**

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