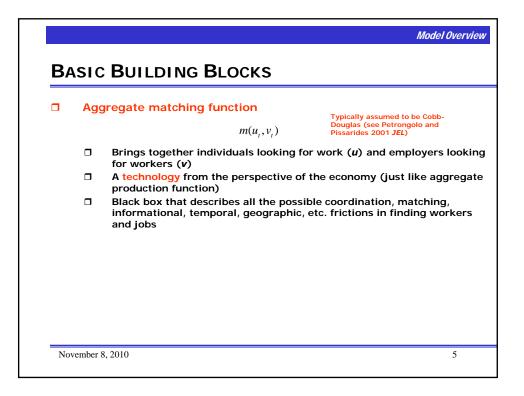


| BA | SIC LABOR MARKET ISSUES  |     |  |  |  |
|----|--|-----|--|--|--|
|    | How can production resources sit idle even when there is "high aggregate demand?"  |     |  |  |  |
|    | Coordination frictions in labor markets  |     |  |  |  |
|    | □ Finding a job or an employee takes time and/or resources   |     |  |  |  |
|    | Not articulated in basic neoclassical/Walrasian framework  |     |  |  |  |
|    | Are labor market transactions "spot" transactions?   |     |  |  |  |
|    | Or do they occur in the context of ongoing relationships?  |     |  |  |  |
|    | The answer implies quite different roles for prices (wages)  |     |  |  |  |
|    | "Structural" vs. "frictional" unemployment   |     |  |  |  |
|    | Structural: unemployment induced by fundamental changes in<br>technology, etc – dislocations due to insufficient job training, chang<br>technical/educational needs of workforce, etc. | ing |  |  |  |
|    | Frictional: temporarily unemployed as workers and jobs shuffle fro<br>one partner to another   | m   |  |  |  |



| B     | SIC BUILDI   | NG BLOCKS  |  |  |
|-------|--|--|--|--|
|       | Aggregate matc   | hing function  |  |  |
|       |  | $m(u_t,v_t)$   | Typically assumed to be Cobb-<br>Douglas (see Petrongolo and<br>Pissarides 2001 <i>JEL</i> )   |  |
|       | □ Brings together individuals looking for work ( <i>u</i> ) and employers looki for workers ( <i>v</i> ) |  |  |  |
|       | A technology from the perspective of the economy (just like aggrega production function)                 |  |  |  |
|       |  | •  | ossible coordination, matching,<br>hic, etc. frictions in finding workers  |  |
|       | Employment is a  | a state variable (o  | ne specific timing; try others)  |  |
|       |  |  |  |  |
| Churr | ing of jobs; a job is<br>a absorbing state   |  |  |  |
| Churr | n absorbing state<br>Number<br>p <sup>x</sup> exog   | r of <u>existing jobs that end</u> :<br>enous separation rate, | $\eta(u_t, v_t)$ Aggregate law of motion of employm<br>$\eta(u_t, v_t)$ Aggregate law of motion of employm<br>$\eta(u_t, v_t)$ Aggregate law of motion of employm<br>Number of new jobs (matches)<br>that form in t and will become<br>active in t+1 |  |

