Matching on the Labor and Product Markets

Pascal Michaillat https://www.pascalmichaillat.org/t5.html

_____/

Product man ket Households cany visits _ Firms provide & services (capacity) - Marching function derenmins #

+ rades,

- m(k, v) Use CES mardning function.

y = [k + v] x > 0 _ Each visit cat \$>0 sources Labor market - Finmo por F vacancies - There are h wakers, in labor
face - all initially unemployed.

- reatdring Jundian determine # of hines $\ell = \hat{m}(\ell, \hat{v})$ Use CES marding fand in:

l: [h-ŝ-ĵ-1/8 ŝ>0 - Each cacanay require à recourters Market tightnesses: _ Product market tightness. 0C = 5/h - Lalon market tightner 0 = 3/h

- Buy ing probability q(a) Trading probabilities - Selling probability f(n) - Recruiting probability $\hat{q}(\theta)$ - Job finding probability f (0) Expression of probabilities, $\hat{J}(\theta) = \frac{\ell}{h} = \frac{1}{L} h + \hat{J} + \hat{$ $\hat{q}(\phi) = \frac{L}{\hat{\sigma}} - \frac{L}{\hat{\sigma}} \hat{r} - \hat{r} \hat{J}^{-1/\hat{r}} = [\theta^{\hat{r}} + 1]^{-1/\hat{r}}$