## Matching in the Heterogeneous-Agent Model

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Makduing in HAM model · House hold i visits vi shops . Mouse hold i has a capacity of ki services Aggregate mat dring function determine # of trades (# of service sold/purchased)  $\gamma = m \left( \sum_{i}^{n} k_{i}, \sum_{i}^{n} \sigma_{i} \right)$ output, # service sold/ pur daved Zili - le = aggressate suply of servis, E', J' = J = aggregate # of vioits Selling probabalailing: (proba. to cell one service) } = \frac{-\frac{1}{2} \frac{1}{2} \frac{1  $= M\left(1, \frac{\sum_{i} U_{i}}{\sum_{i} k_{i}}\right)$ market tight mess  $\chi = \sum_{i}^{l} U_{i}$