Cobb-Douglas Matching Function

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M- # trades S = # ocllers B = # bu yers $M = \omega$ S. B -m(0,b)-m(5,0)=0Constant returns to scale $m(\lambda S, \lambda B) = \omega \cdot (\lambda S) \mathcal{M} (\lambda B)^{1-n}$ $= \omega \lambda \lambda \lambda^{1-n} S \mathcal{M} B^{1-n}$ $m(\lambda S, \lambda B) = \lambda m(S, B)$ Cobb- Douglas function can be calibrated matching efficacy

matching elasticity (exponent on 4 of pellers

I trading probabalities are somple. $f(\theta) = \text{solving proba} = \frac{M}{S} = W S^{n-1} B$ $\frac{1}{3}(6) = \omega \left(\frac{B}{3}\right)^{1-\eta}$ $q(\theta)$ = buy they probe = $M = \omega S B$ $q(\theta)$ = $\omega (S)^{M}$ $9(0) - W \cdot \theta^{-2}$ 2. Cobb Donglas is realibric matching function (Petrongolo & Pikparides 2001) 05 < n 4 0 7 - calibrate