









Competition	Network Strangers	Partners
No	Strangers networks with no competition	Partners networks with no competition
Matching	Strangers networks with matching competition	Partners networks with matching competition
<b>Price</b> (i.e., matching and price)	Strangers networks with price competition	Partners networks with price competition









## **Main Findings**

- Buyers discriminating on basis of reputation information (buyers' trust being rewarded 88% of the time; i.e., high signal value)
- Buyers discriminating on basis of reputation information even in the face of price competition (large price break required to overcome seller's lesser reputation)
- Strangers networks and competition
  - Significantly higher gains-from-trade (than w/o competition)
  - Matching competition: Disciplining sellers
  - Price + matching competition: Transaction price stabilizing above marginal production cost (good reputation information being profitable)
- Largely erasing advantages of partners over strangers networks (competition promoting trust and trustworthiness)

















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## **Selected References**

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## **Regression Analysis of Buyers' Criteria for Choice** in Price Competition Markets Back Up

BuyerChoosesSeller1 = 0.459 + 0.085Partners + 0.045RepDiff - 0.008PriceDiff - 0.338LastRnD (<0.001) (0.028) (<0.001) (<0.001) (<0.001)  $adj.-R^2 = 0.258$ 

where BUYERCHOOSESSELLERI = 1 if choice is Seller 1, 0 otherwise (label 1 or 2 is arbitrary); *Detractionosistication* 1 if functions is deterned in the otherwise; *REPDIFF* = (#Seller1 ships - #Seller1 no ships) - (#Seller2 ships - #Seller2 no ships); *PRICEDIFF* = Seller 1 Price - Seller 2 price; *LASTRND* = 1 if round 15, 0 otherwise; (x.xxx) = two-tailed p-value of coefficient.

Buyer average willingness-to-pay to deal with seller with net increment of one ship over his competitor: 0.045/0.008 = 5.6 tokens or about 13% of the selling price (see also Resnick et al. (2006) for similar result)