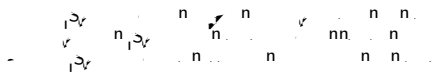


The Economics of Predation, What Drives Pricing when There Is Learning by Doing.

$D_{1,1} > B_{1,1} > n_{1,1} > r_{1,1}$ $D_{2,1} > B_{2,1} > n_{2,1} > r_{2,1}$ $D_{3,1} > B_{3,1} > n_{3,1} > r_{3,1}$

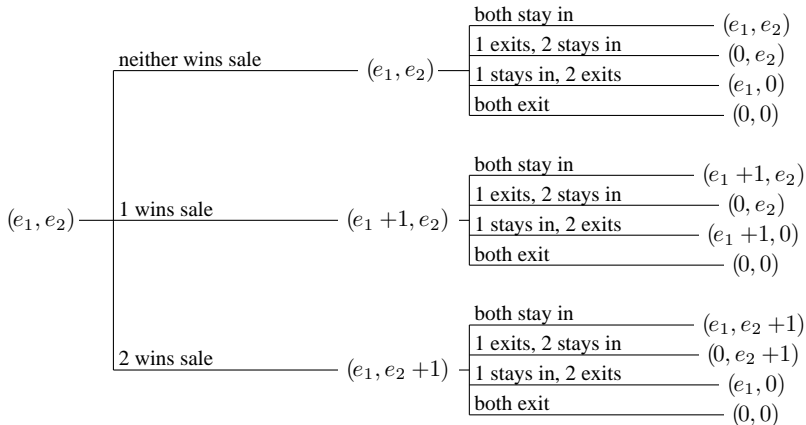


Research Questions and Contributions

- $\frac{p}{r} > \frac{p}{r}$ or $\frac{p}{r} < \frac{p}{r}$
 - Routinely and under plausible conditions (generalize Cabral & Riordan 1994).
 - Coexist with non-predatory equilibria for same parameterization (formalize Edlin 2010).
- $\frac{p}{r} > \frac{p}{r}$
 - Isolate predatory incentives by decomposing equilibrium pricing condition.
 - Decomposition provides coherent and flexible way to define predatory incentives.
- $\frac{p}{r} > \frac{p}{r}$ or $\frac{p}{r} < \frac{p}{r}$
 - Less severe conduct restrictions have small impact "on average."
 - More severe conduct restrictions have large impact by eliminating equilibria with predation-likl

Decisions and State to State Transitions

e — *price-setting phase* —→ e — *exit-entry phase* —→ e



Pricing Decision of Incumbent Firm

- V_e ... in state e at beginning of period $\rightarrow V_e(e)$;
- ... in state e' after pricing decisions but before exit and entry decisions are made $\rightarrow U_e(e')$.

- B_e ...

$$V_e(e) = p_e (p_e - c(e)) D_e(p_e, p_e(e)) + D_e(p_e, p_e(e)) U_e(e) \\ + D_e(p_e, p_e(e)) U_e(e + .e) \\ + D_e(p_e, p_e(e)) U_e(e .e +)$$

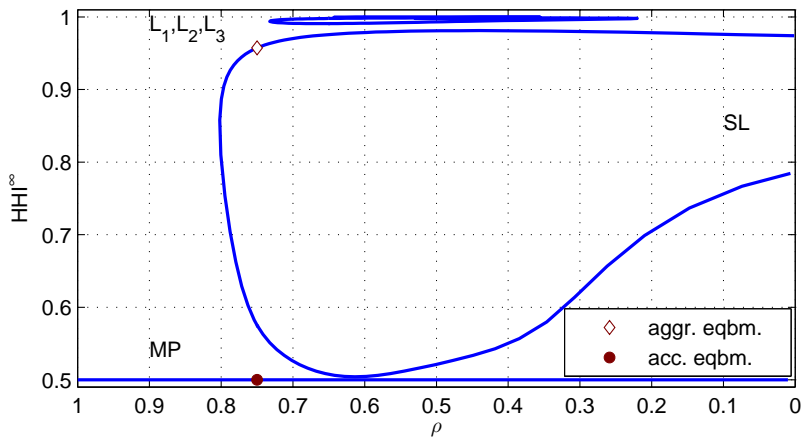
- r_e ...

$$\overbrace{mr_e (p_e, p_e(e)) - c(e)} + \overbrace{[U_e(e + .e) - U_e(e)]} \\ + Y(p_e(e)) \overbrace{[U_e(e) - U_e(e .e +)]} = .$$

Competition for and in the Market

	q, r	q, r
<p><u>price</u></p> <p>price on demand, price on demand, price on demand HHI^∞</p>		
<p><u>price</u></p> <p>price on demand, price on demand, price on demand \bar{p}^∞</p>		4
<p><u>price</u></p> <p>price on demand, price on demand, price on demand CS^∞</p>		4
<p><u>price</u></p> <p>price on demand, price on demand, price on demand TS^∞</p>		44
<p><u>price</u></p> <p>price on demand, price on demand, price on demand CS^{NPV}</p>	4	
<p><u>price</u></p> <p>price on demand, price on demand, price on demand TS^{NPV}</p>		4

Predation Like Behavior Arises Routinely



Eq. , , r, orr pon n

Conduct Restrictions

- Definition of price, or, in an appropriate context, the price, on the market, Γ
- The price on the market $\Gamma(p, p(e), e) =$ on the market, Γ , on the market

$$\underbrace{m(p, p(e)) - c(e)} + \underbrace{\begin{bmatrix} \Gamma^k(e) \\ \Theta^k(e) \end{bmatrix}}_A + Y(p(e))$$

