



$B^T B^W$

$N^B F^Q$   
 $q = 1/2$   $-1 < 1 > 0$

$N^B$  Not a BR

~~$F^Q$~~   $\rightarrow$  I choose Quiche  $\rightarrow B^W$  not BR  
 ~~$F^Q$~~  I choose  $Q^W$   
 ~~$N^B$~~  I choose  $Q^W$

$B^T Q^W$

$N^B F^Q$   
 $q = 1 \rightarrow N^B$  is BR  
 $r = 0 \rightarrow F^Q$  is BR  
 $B^T$  is BR  
 $Q^W$  is BR  
 $N^B$  is BR  
 $F^Q$  is BR  
 $F^Q$  is BR  
 $N^B$  is BR  
 $q = 1, r = 0$  terrible  
 $q = 1, F^Q$  Not good choice

No separating if I drinks beer  
 $Q^T$  NEVER part of an equilibrium  
 Eq involves mixing for I  
 $\rightarrow$  mixing for R

$B^T, \theta_{IW} = 0, \theta_R = \{h, 1\}, q = 2/3, r = 0 \Rightarrow P(T|Q)$

$\begin{matrix} \uparrow & \uparrow & \downarrow \\ P(B|W) & P(F|Q) & P(T|B) \\ & P(F|B) & \end{matrix}$

$-1q + 2(1-q) = 0$   
 $3q = 2$   
 $q = 2/3$

$h$ : I is indifferent if  $-2h + 0(1-h) = -1 \rightarrow h = 1/2$

$P(T|B) = \frac{1/2}{(1/2 + 1/2 \cdot 2/3)} = \frac{1/2}{1.5 - 1/3} = \frac{2}{3}$   
 $1.5 - 1/3 = 1.166...$   
 $1.166... = 7/6$   
 $1/2 \div 7/6 = 3/7$

$B^T, \theta_{IW}(1/2), \theta_R(1/2, 1), q = 2/3, r = 0 \Rightarrow$  Partially separating PBE