

Consider m^T, m^W, R

$$q = p$$

PBE

if $p > 2/3$

$$-2p + 1(1-p) < -1$$

$$2/3 < p$$

What if $p < 2/3$?F is BR to m^T, m^W is m^W BR to F? \rightarrow NO!g Prob T^W is mean $= \frac{1}{2}(p/(1-p))$ h Prob R fights if mean

$$q \quad p(T|M) = p / (p + (1-p)g)$$

$$U_{RA}(F) = U_{RA}(R)$$

$$-2q + 1(1-q) = -1$$

$$q = 2/3$$

$$\rightarrow 2/3 = p / (p + (1-p)g)$$

$$1.5p = p + (1-p)g$$

$$.5p = (1-p)g$$

$$g = (.5p) / (1-p)$$

$$U_{FW}(M) = U_{FW}(N)$$

$$-2h + 1(1-h) = -1$$

$$h = 2/3$$

PBE

$$m^T, \sigma_{FW} = 2/3, \sigma_{RA} = 2/3, q = p(T|M) = 2/3$$

$$\text{if } p \geq 2/3$$

 m^T, m^W, R