

Probability of failure (risk), f

A's best-response function

$$f = \frac{1}{2} + \frac{\delta}{2q}$$

$$f^N = \frac{3}{4}$$

$$f^C = \frac{1}{2}$$

π^N

π^C

Rent

A's participation constraint

$$f = \frac{\delta}{q}$$

$$\delta^N = \frac{q}{2} = \delta^C$$

Interest factor, δ

