

- Everyone prefers multidimensional reform
- $\epsilon \in [0, 1]$  index propensity to protest
  - expressing voice
  - maybe not peacefully
- uniformly distributed
- Payoffs  $\alpha_i$  if protest,  $\alpha > 0$ 
  - let  $x$  = fraction that protests
  - $\mu = E(x)$ , beliefs
  - everyone gains  $\beta(x - \lambda)$
  - Protesters gain  $\delta(x - \lambda)$
  - non protesters gain  $\gamma(\lambda - x)$

$$u_i(p, x) = \alpha_i + \beta(x - \lambda) + \delta(x - \lambda) \rightarrow \text{Protest}$$

$$u_i(h, x) = \gamma(\lambda - x) + \beta(x - \lambda) \rightarrow \text{Stay home}$$

$$u_i(p, \mu) > u_i(h, \mu)$$

$$\alpha_i + \delta(\mu - \lambda) > \gamma(\lambda - \mu)$$

$$\alpha_i > (\gamma + \delta)(\lambda - \mu)$$

$$\epsilon > (\gamma + \delta) / \alpha \cdot (\lambda - \mu)$$

$$\rightarrow \alpha = 0$$

$$0 > (\gamma + \delta)(\lambda - \mu)$$

$$\text{suppose } \lambda > 1 \rightarrow \mu = 0$$

$$\text{now } \lambda \downarrow \lambda < 1$$

History + current events coordinate

$$\epsilon \text{ protests if } \epsilon > (\delta + \gamma) / \alpha \cdot (\lambda - \mu)$$

$$\alpha = (\delta + \gamma) / \alpha$$