## Comparison between the two approaches

Mittwoch, 29, November 2023

Je ... Set of firms j \1 i3 that have C; < Ce
Je'... Set of firms j \1 i3 that have C; > Ce

(1) 
$$\lambda = \sum_{e \in \mathcal{A}_i} C_e \times Z_e$$

(3) 
$$q_e \leq \bar{q}_e \times \left(1 - \sum_{j \in J_e'} z_j\right) : \forall e \mid \forall i \mid j \in J_e'$$

(4) 
$$q_e = \overline{q}_e \times \sum_{j \in J_e} \overline{z}_j : \forall e \mid i,j$$

(1) 
$$\lambda = \sum_{e \mid \{i\}} C_{e} \times z_{e}$$

Small example:

λ=20 ] 91=10	e 1 2	Ce 5	0	7e'	9e 10	λe 5
$q_z = 10$ $q_3 = 5$	3	30	1 0	1	5	20