Competitive Facility Location Problems

Benjamin Biesinger

June 26, 2015







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Given:

- Set of possible facility locations: I
- Set of customers: *J*
- Number of facilities the leader can open: p
- Number of facilities the follower can open: r

Goal:

Choose p locations for the leader to maximize her market share

Customer Behavior and Type of Demand

- Binary
- Partially Binary
- Proportional

- Elastic demand
- Inelastic demand