Learning from Network Analysis: Care Transitions, Market Competition, and Community Interventions

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Dependent data structures in US policy & delivery innovations

- Health insurance exchanges → new markets
- Managing care transitions → coordinated care
- ACOs & PCMHs → incentives for efficiency, quality
- Population health improvement → community-level collective actions
Networks and HSR

Networks as the institutional and/or community context for policy implementation

Networks as interventions (mechanisms)

Networks as outcomes

Pawson and Tilley 1997; Berwick 2008
Dealing with complexity

- Multiple services
- Multiple providers
- Patient heterogeneity
- Heterogeneity in community/market context
Applying network analytic methods in HSR

- Design
- Sampling
- Measurement
- Analysis
- Translation/dissemination

Between network vs. Within-network