Social Networks and Resilience:

Measuring Individual and Community Cohesion

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Social Networks provide the 'engine' that drives adaptation and recovery.

More than socioeconomic conditions, population demographics, or development aid and interventions;

Individuals and Communities that are 'interconnected' consistently recover and adapt at more successful and faster rates.
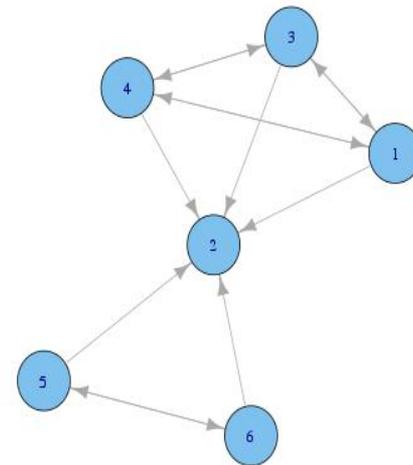
How Do We Measure 'Connectedness'?

Social Network Analysis

Sociocentric Data

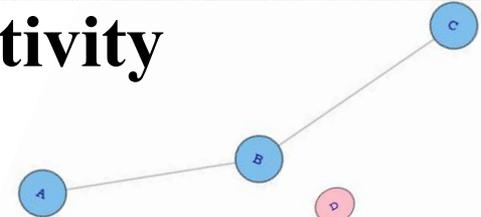|	a	b	c	d	e	f
a	*	0	1	1	0	0
b	1	*	1	1	1	1
c	1	0	*	1	0	0
d	1	0	1	*	0	0
e	0	0	0	0	*	1
f	0	0	0	0	1	*

Egocentric Data

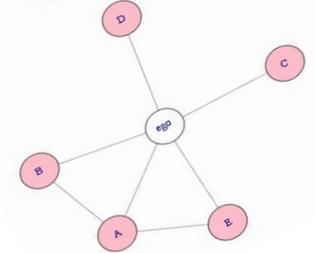# Determining and Measuring Networks

Identifying Personal Networks

- **Generating Ego's Alters**
  n= (?)
  – **Names (Random, A-Z, …)**
  – **Position (Jobs, Location, …)**
  – **Resource (Provide help with?)**

- **Overlaying individuals into 'community' social networks**

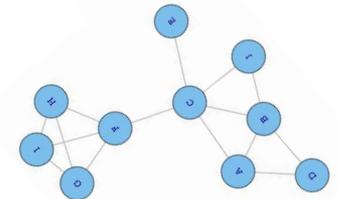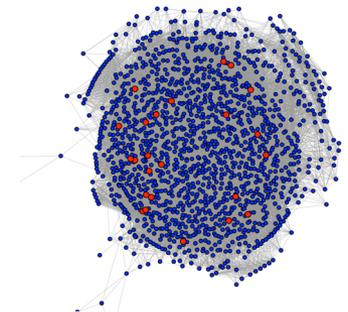- **Transitivity**

- **Homophily**

- **Centrality**

- **Density**

Do Networks Matter?