C2 Network Analysis: Insights into Coordination & Understanding

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Networks: Internet
Networks: Social
Introduction

• Coordination across agents
  • Social & Dynamic Network Analysis

• Mental Models
  • Structural Knowledge Analysis
Network Analysis

Snapshots in time

vs.

Continuous data stream
Data Collection
SNA Animation Example
Sample Results
Mental Models
Measuring Structural Knowledge
Pair-wise Evaluations

Enter: <1 through 9> followed by <SPACE>

135 Ratings to go.
Over-time Comparison
Sub-component Analysis
Sub-component Comparison
Summary

- Analytic toolbox for Distributed Cognition
  - Coordination across agents
  - Mental Models
- Strong theoretical framework
- Future Directions
Questions & Comments