

Correspondent Banking Network Topology (Barabasi-Albert Scale-Free Model)

Network Metrics:

- Nodes: 50 banks
- Mean path length: 2.60 hops
- Top hub degree: 19

Vulnerability Analysis:

- If top hub fails:
Path length: 2.60 → 2.92
(12% increase)

Top Hub
"Too Connected
to Fail"

● Hub Banks (Top 5)
● Regional Banks

Degree Distribution (Scale-Free Property)

