Hierarchy in Networks–Datasets
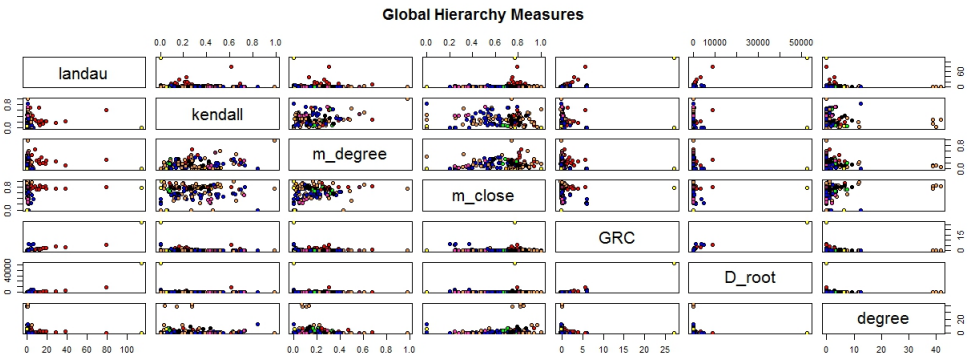
- Manager to Manager Email Data

  - County manager should be at top of hierarchy.

- Congressional Influence

  - Party leaders should be at the top of hierarchy.
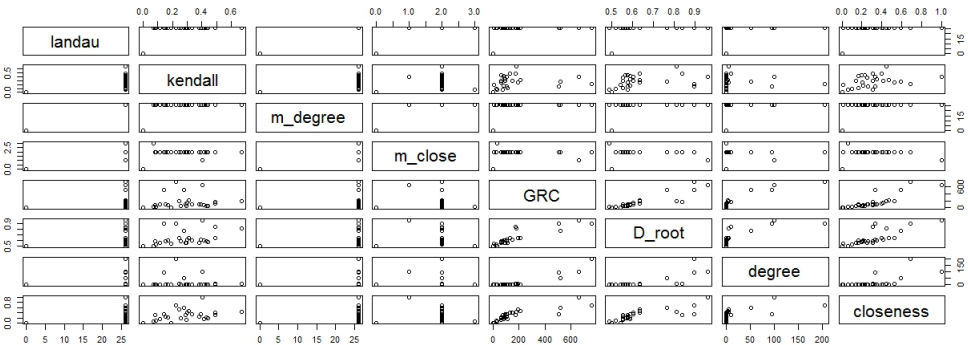
- Many More...

Hierarchy in networks–Measures

Measure	Undirected	Weighted	Global	Local
Landau's h		X	X	
Kendall's K	X	X		X
Reach Degree	X	X		X
Reach Closeness	X	X		X
GRC	X	X	X	X
Rooted Depth			X	
Degree	X	X	X	X
Closeness	X	X	X	X
Betweenness	X	X	X	X
Eigenvector	X	X	X	X

Hierarchy in Networks – Global Measures
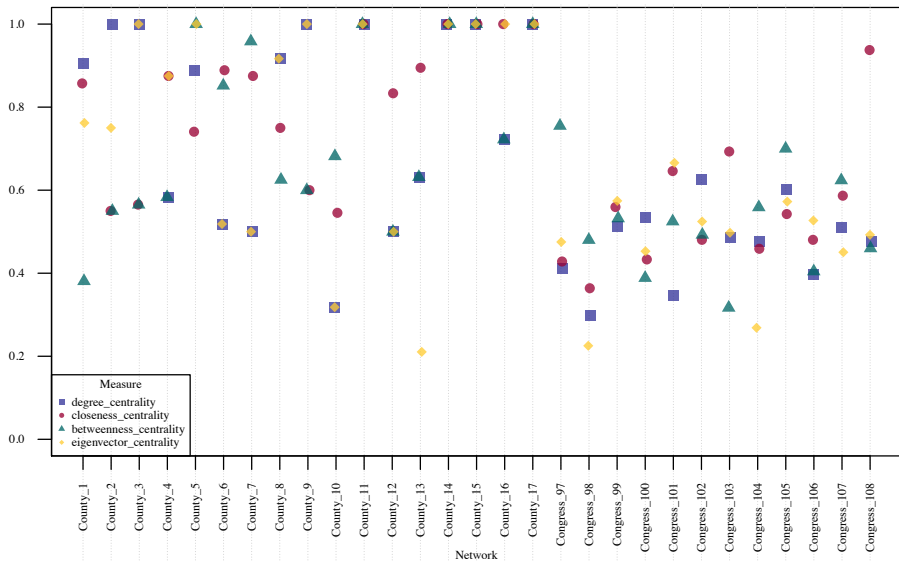

Global Hierarchy Measures

*Measures for all 29 datasets.

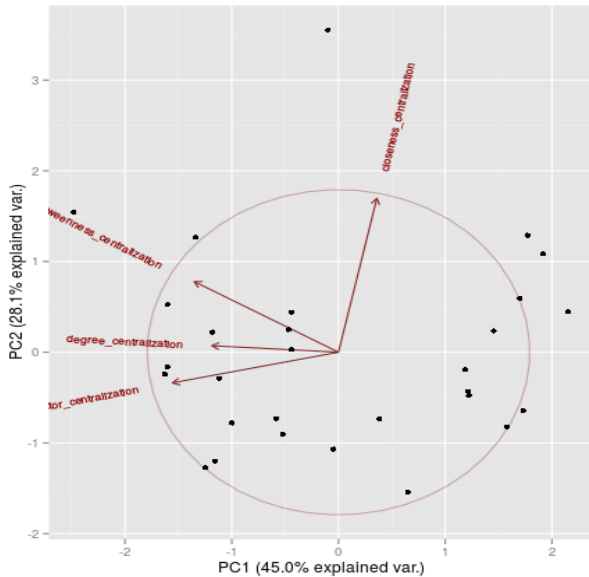# Hierarchy in Networks – Local Measures

*Measures for dataset 6.

Hierarchy in Networks – Comparing Measures

Hiearchy in Networks – PCA

Hiearchy in Networks – PCA