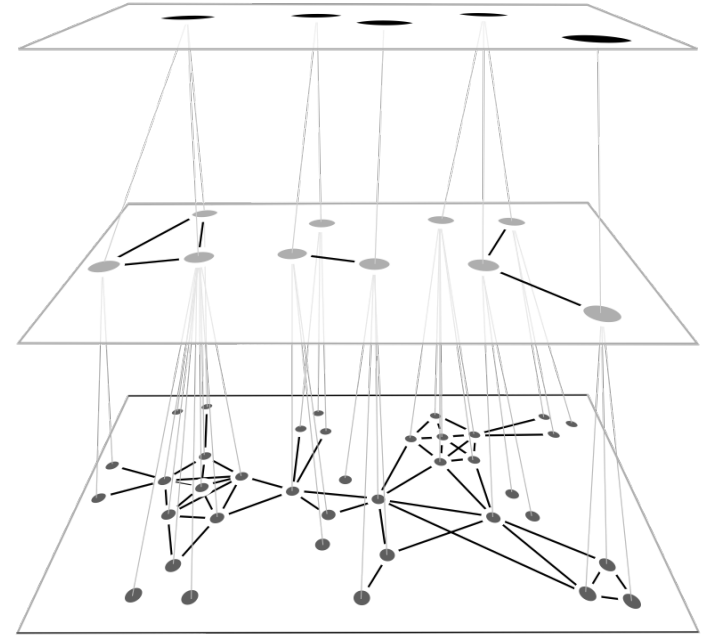


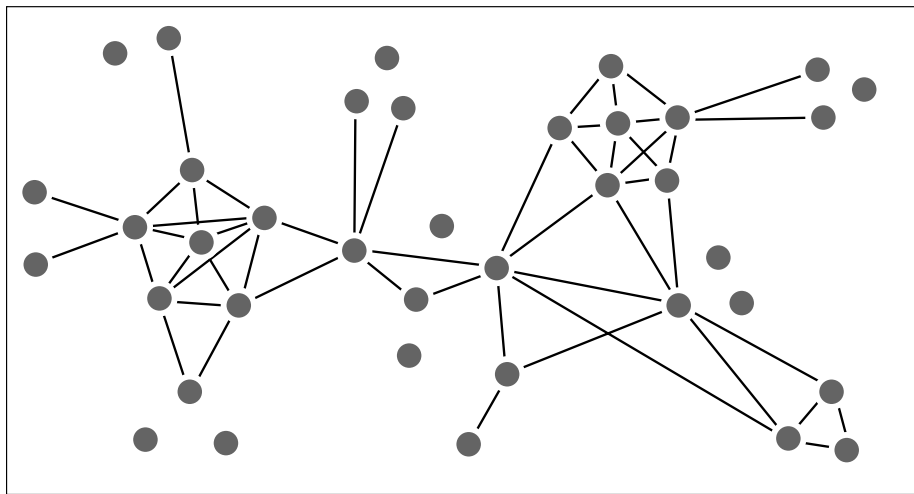
MULTIMODE AND MULTILEVEL:

VERTICAL DIMENSION
IN HISTORICAL AND
LITERARY NETWORKS

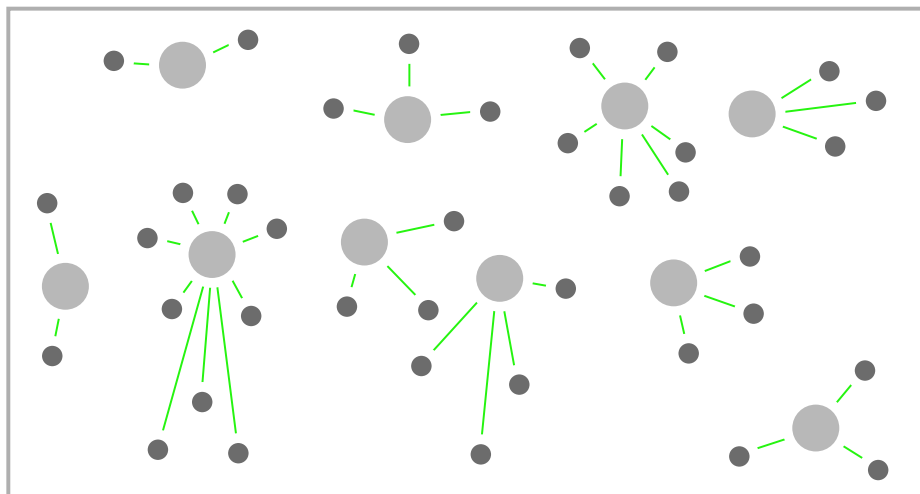


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MULTILEVEL NETWORKS AND MULTIGRAPHS

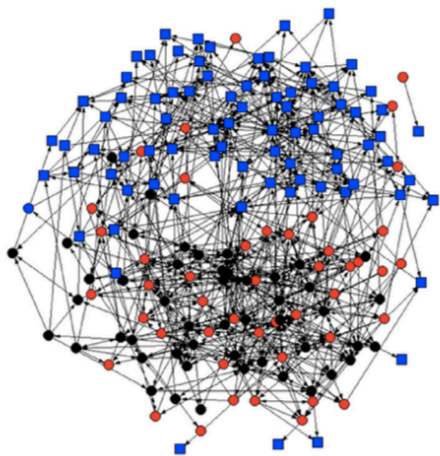


1-mode graph



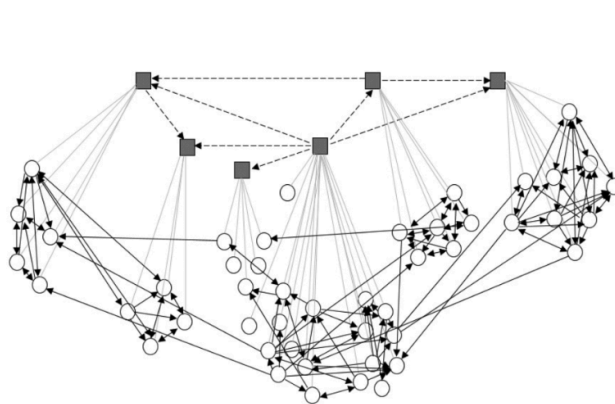
2-mode affiliation graph

MULTILEVEL NETWORKS AND MULTIGRAPHS



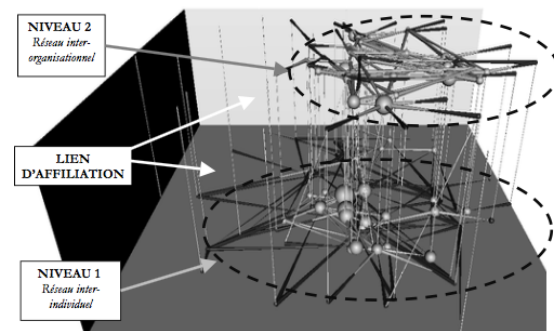
Colour/Shape

(Wang, Robin, Pattison and Lazega 2016)



Position

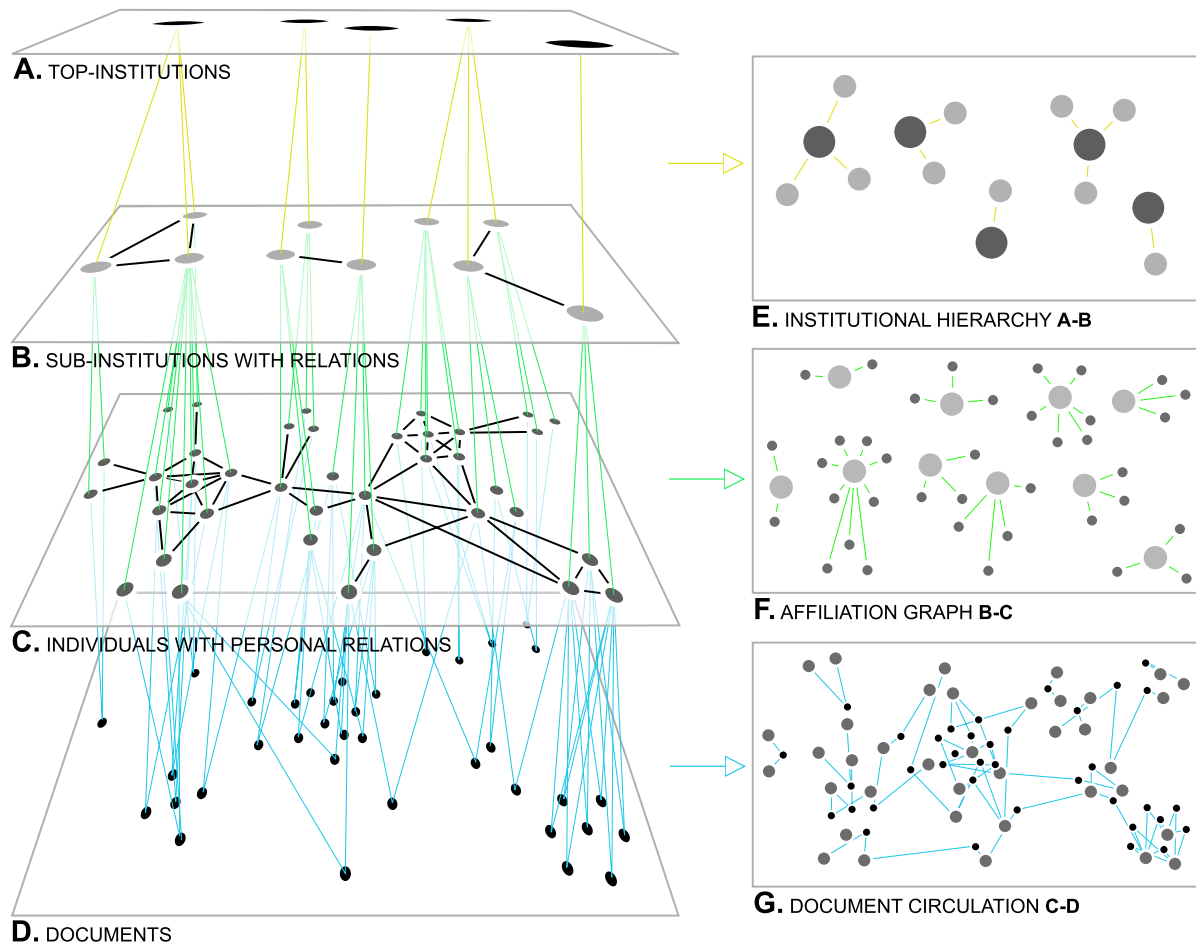
(Zappa and Lomi 2015)



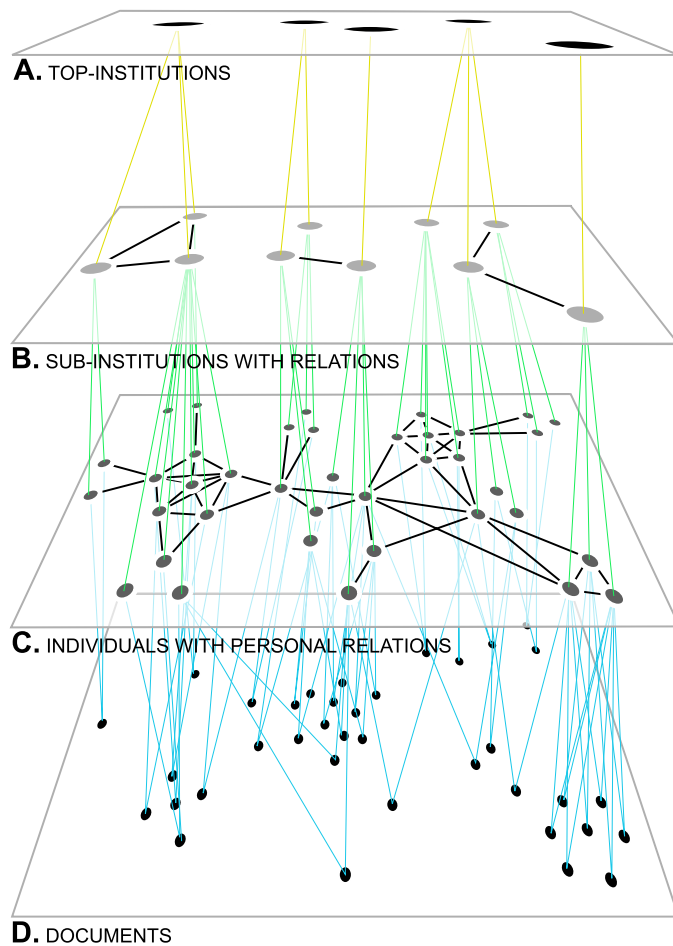
Layers

(Brailly and Lazega 2012)

MULTILEVEL NETWORKS AND MULTIGRAPHS

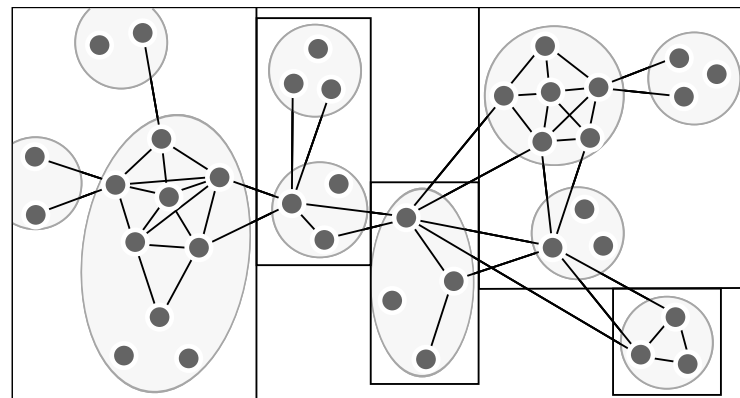
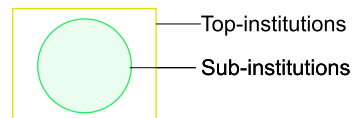


FLATTENING THE HIERARCHY



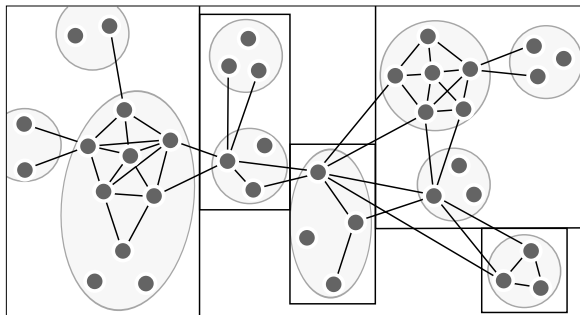
INSTITUTIONAL TOPOGRAPHY

2 Levels:

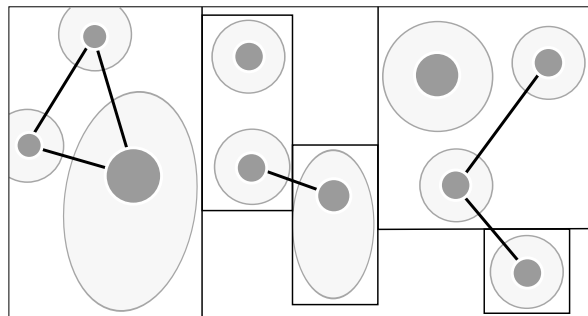
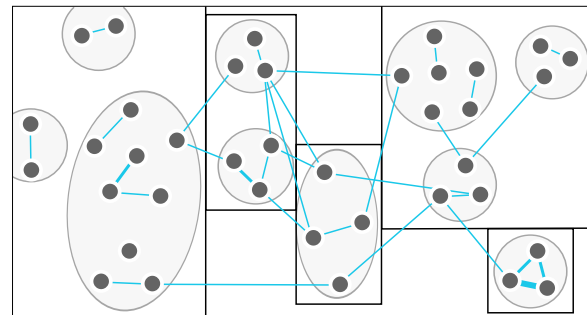


FLATTENING THE HIERARCHY

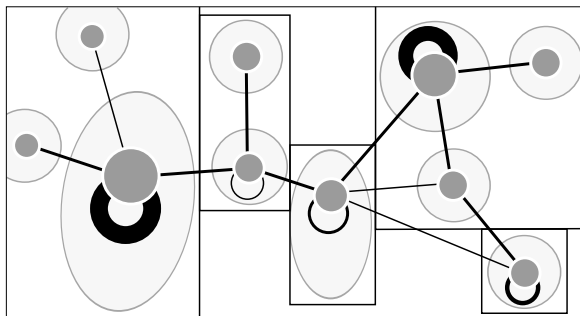
I. INDIVIDUALS WITH RELATIONS (C) ON INSTITUTIONAL STRUCTURE



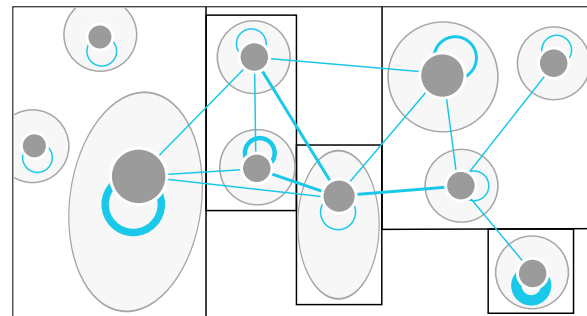
J. INDIVIDUALS WITH PROJECTION OF DOCUMENTS (G) ON INSTITUTIONAL STRUCTURE



H. SUB-INSTITUTIONS (B) WITH INSTITUTIONAL STRUCTURE (E)



K. INDIVIDUAL RELATIONS MAPPED ON THE INSTITUTIONAL STRUCTURE

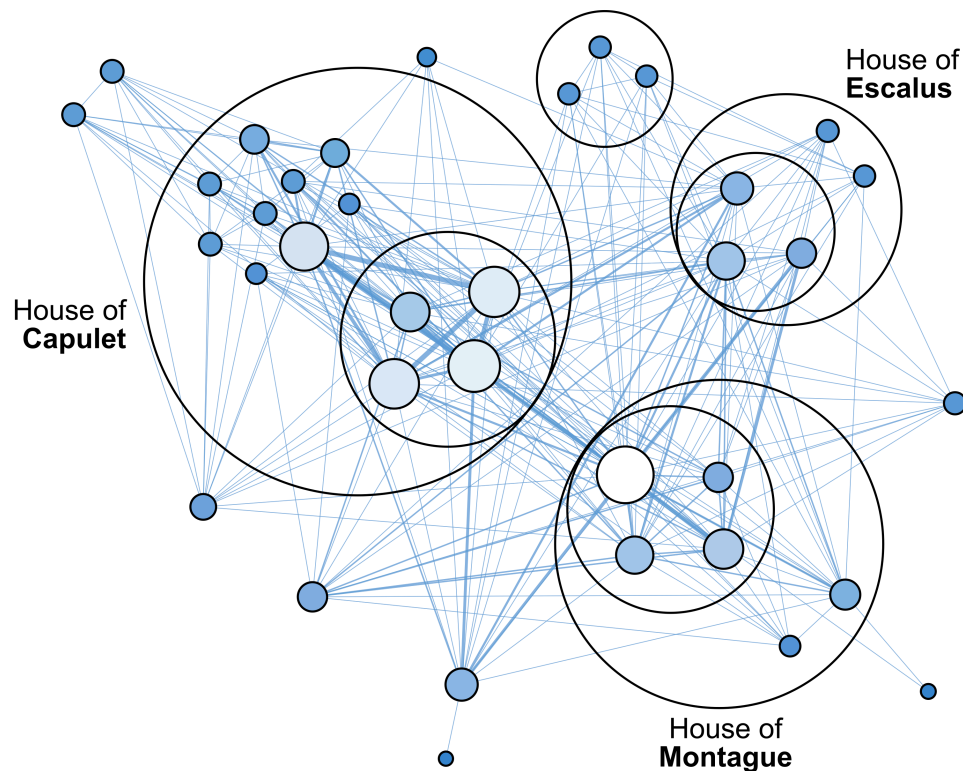
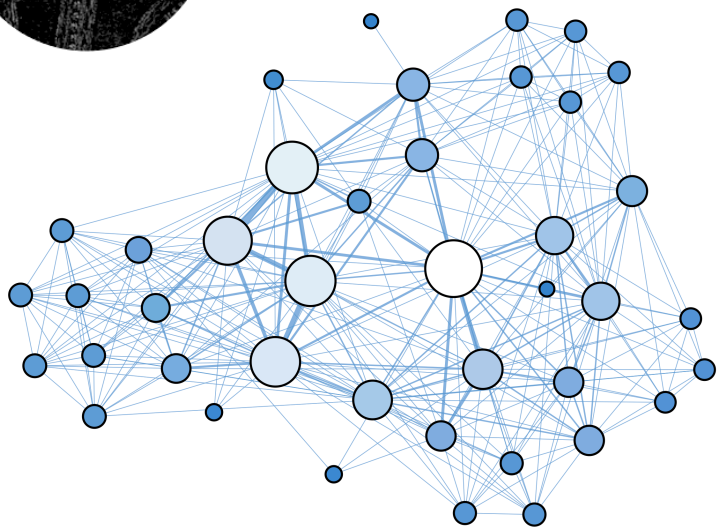


L. DOCUMENT RELATIONS MAPPED ON THE INSTITUTIONAL STRUCTURE

CHARACTER NETWORK



Shakespeare
Romeo and Juliet

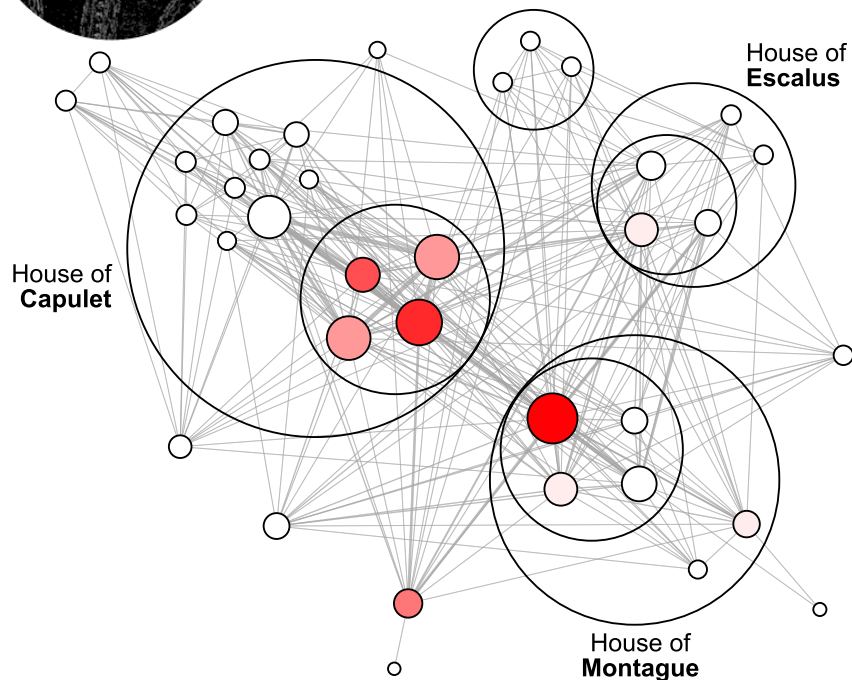


CHARACTER NETWORK

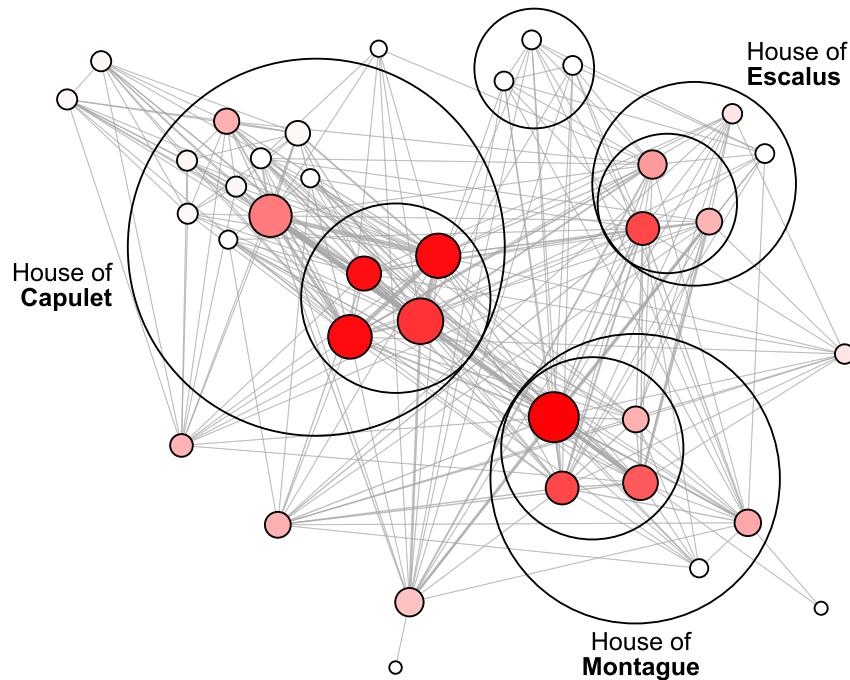


Shakespeare
Romeo and Juliet

Betweenness



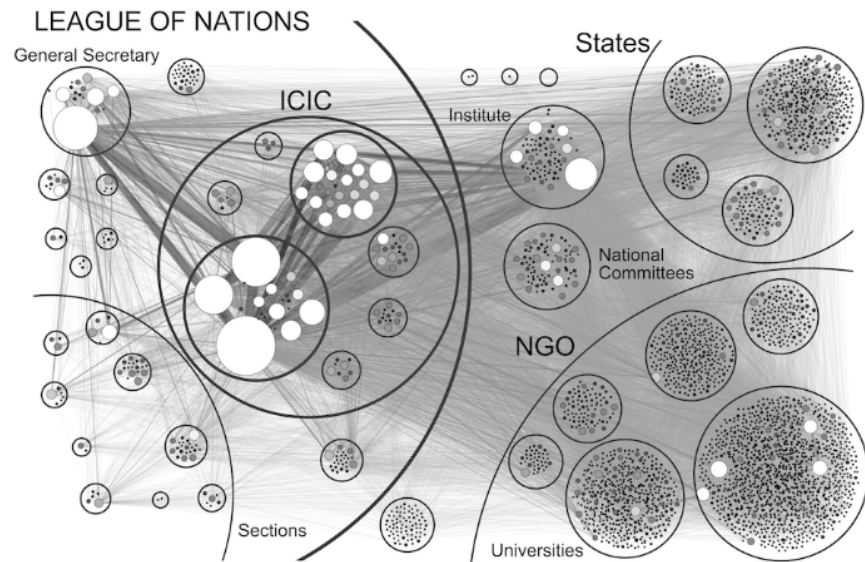
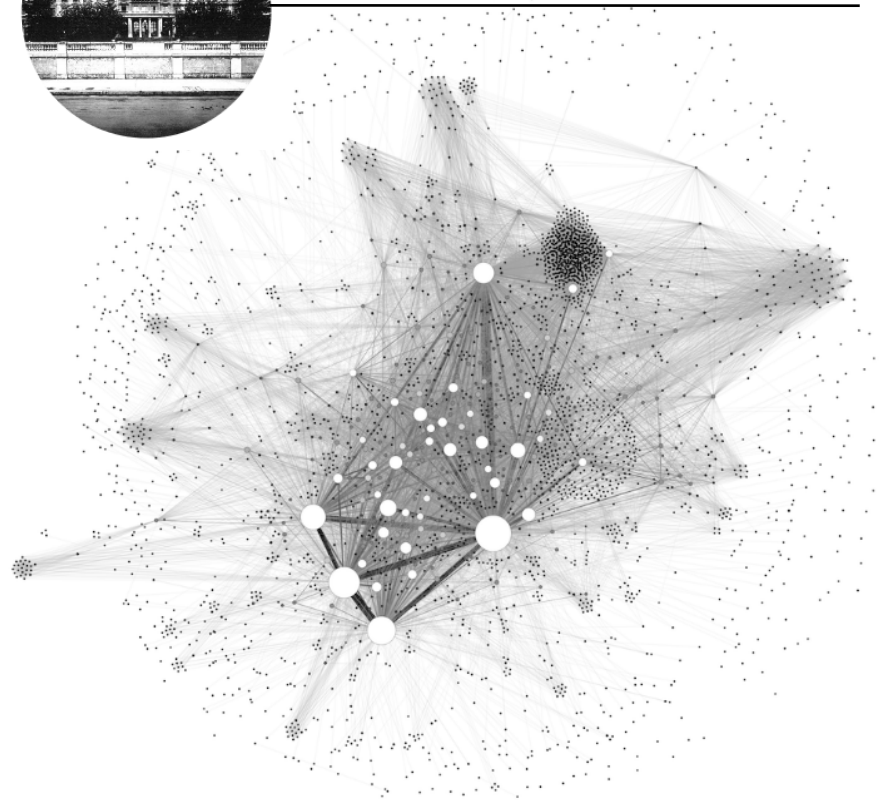
Eigenvector



CORRESPONDENCE NETWORK



League of Nations
Intellectual Cooperation 1919-1927

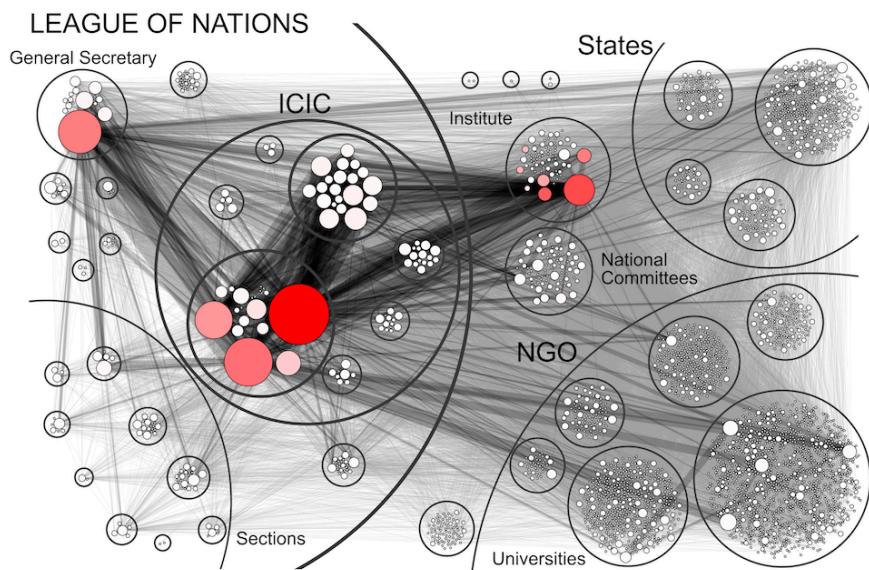


CORRESPONDENCE NETWORK



League of Nations
Intellectual Cooperation 1919-1927

Betweenness



Eigenvector

