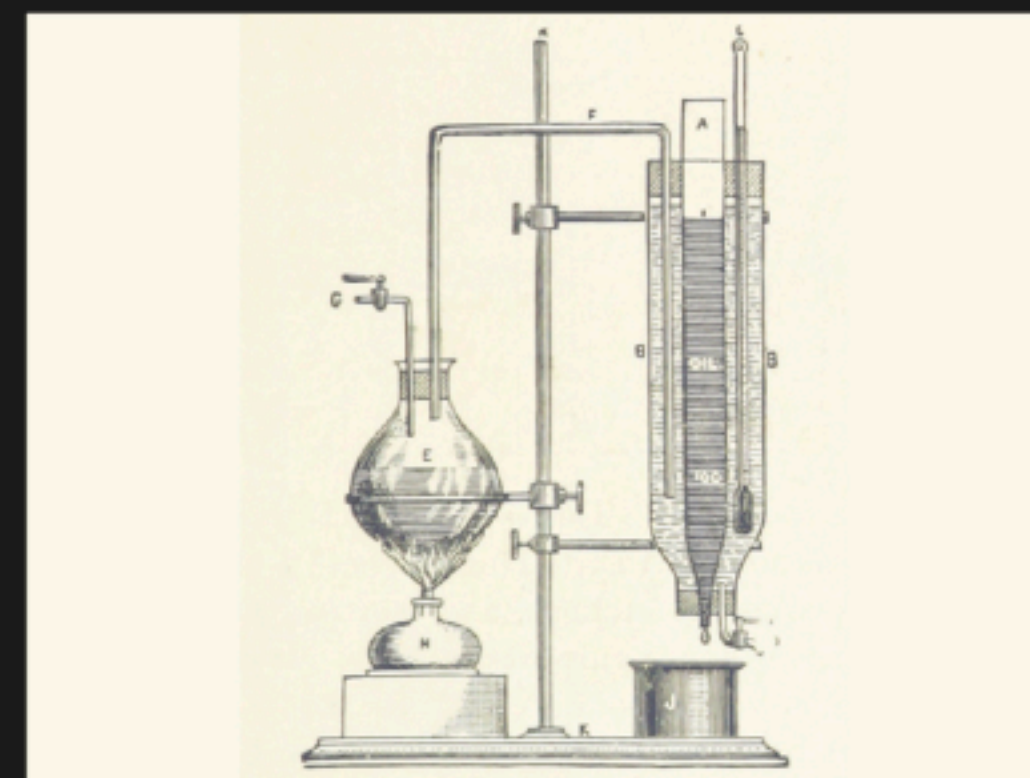How on earth can an archaeologist of the Roman construction trade end up interested in the history of the internet?

Fragmentation Curves in Roman Town Networks
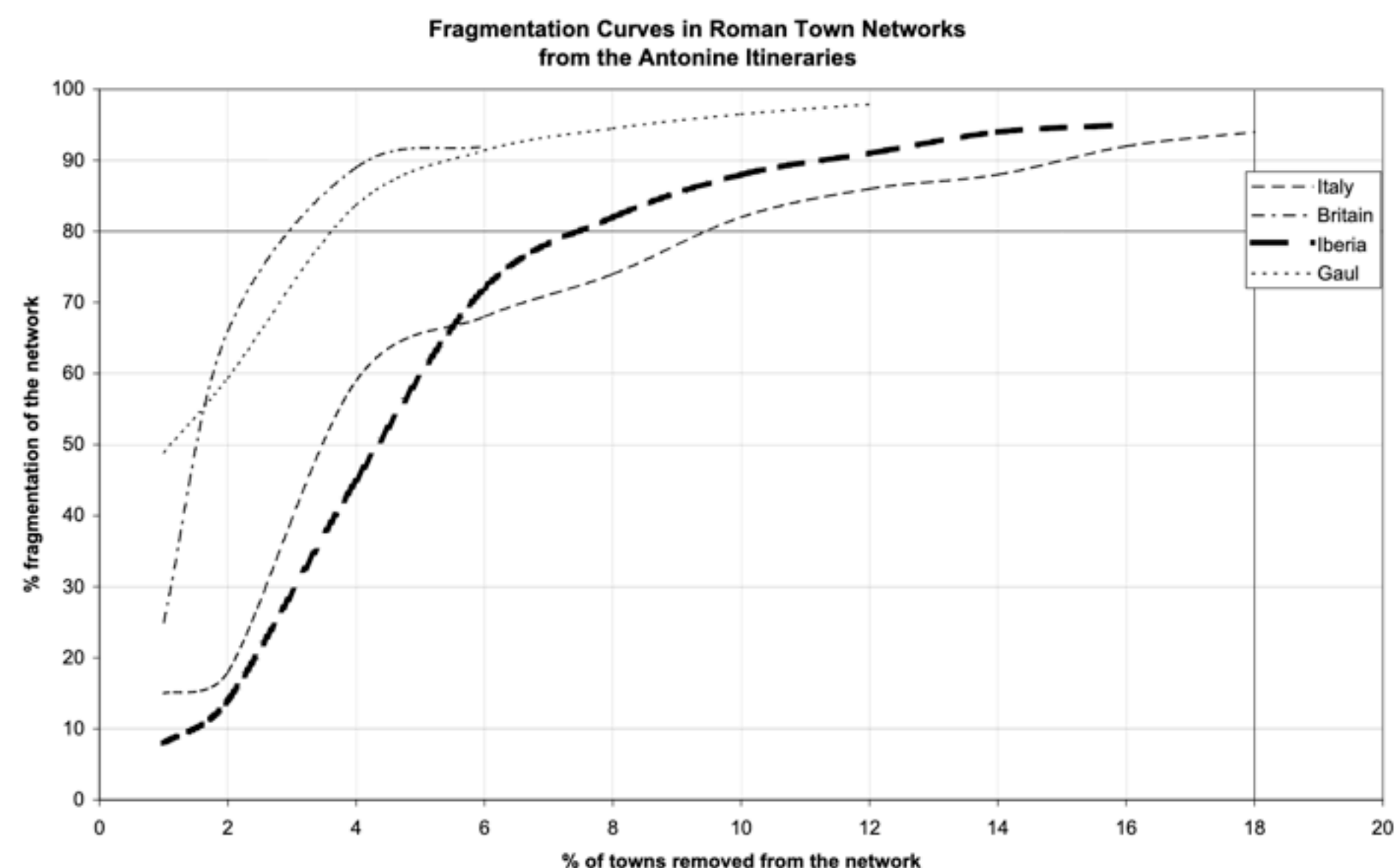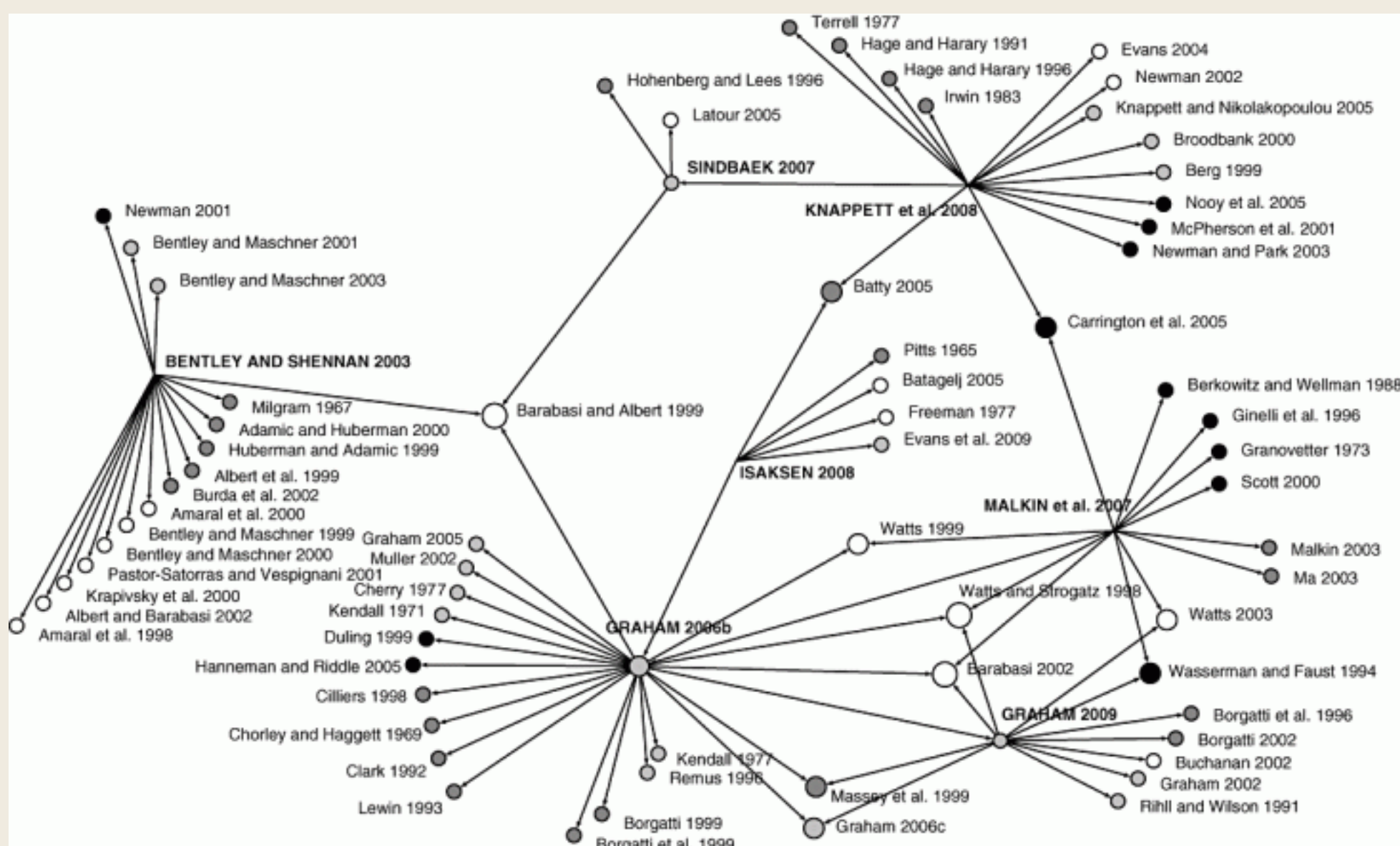from the Antonine Itineraries

Figure 3. Fragmentation curves for selected regions based on the relevant itineraries considered as social networks. The algorithm calculates the degree of fragmentation the removal would cause of the best connected node, then the two best, then the three best, and so on.

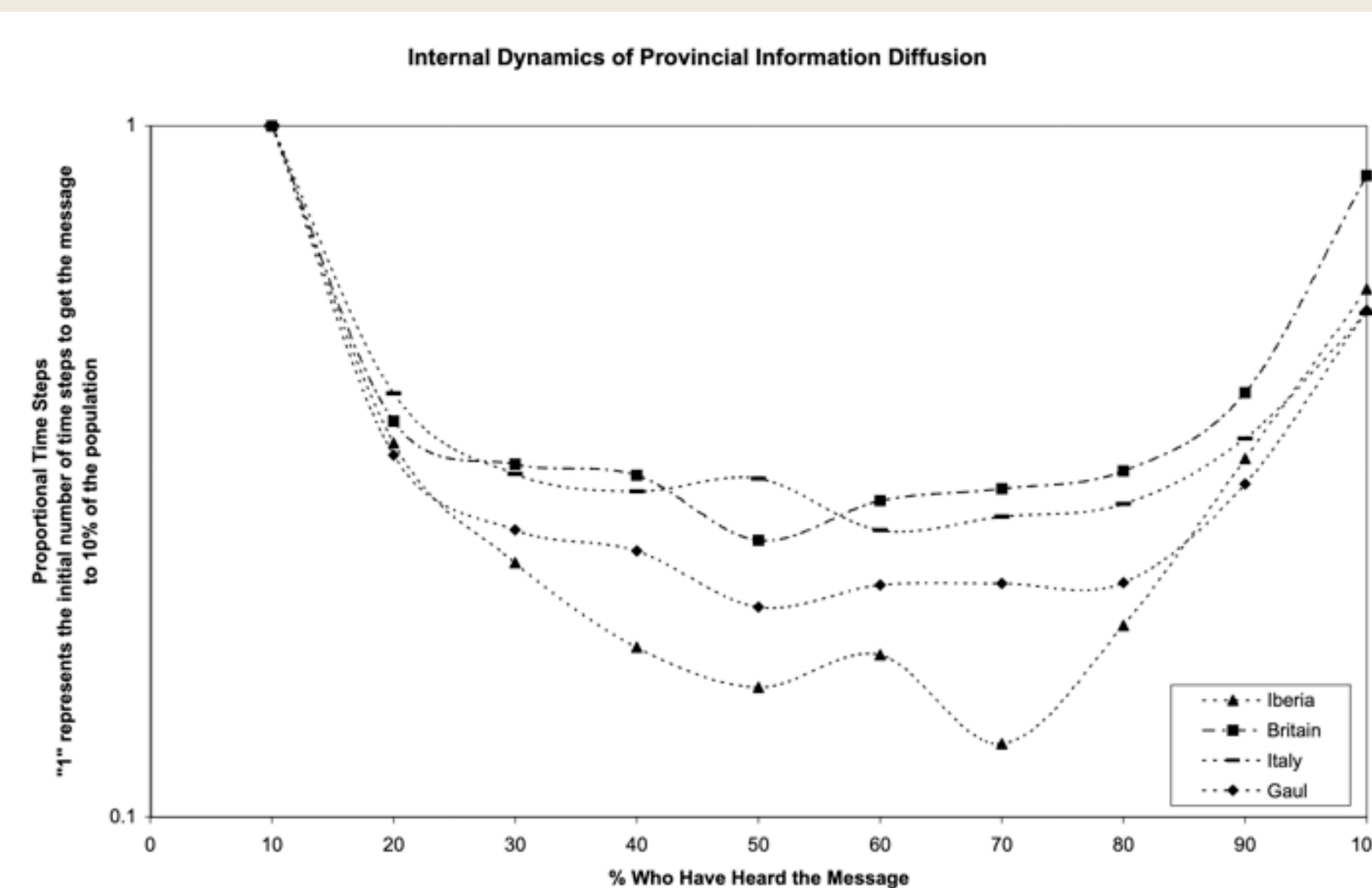Internal Dynamics of Provincial Information Diffusion

Figure 4. Internal dynamics of information diffusion along the Antonine Itineraries.
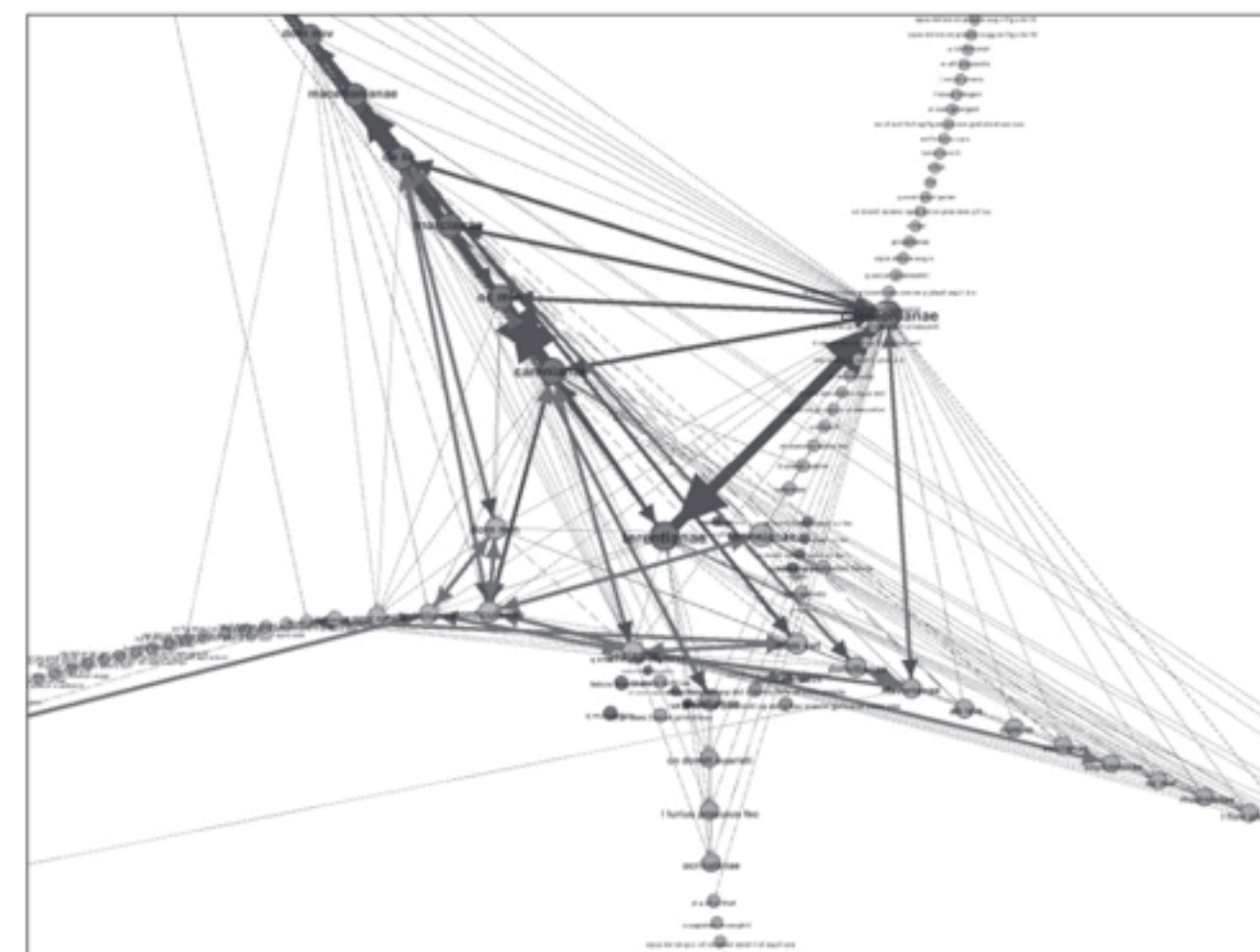
Fig. 3 – Detail of network of *figlinae* connected by use of common *signa*, filtered to show only ties of weight 2 or above. Forced-atlas layout. Node size is scaled to reflect pageRank centrality scores. Nodes and edges are coloured* according to modularity (subgroupings). * A colour version of this figure may be viewed online at http://dx.doi.org/10.6084/m9.figshare.102163.

Fig. 2 – Network of *domini* to *domini* via shared *officinotores*. Concentric-circle layout based on link distance from L. Publilius Celsus. Node size is scaled to reflect pageRank centrality scores. Nodes and edges are coloured* according to modularity (subgroupings).

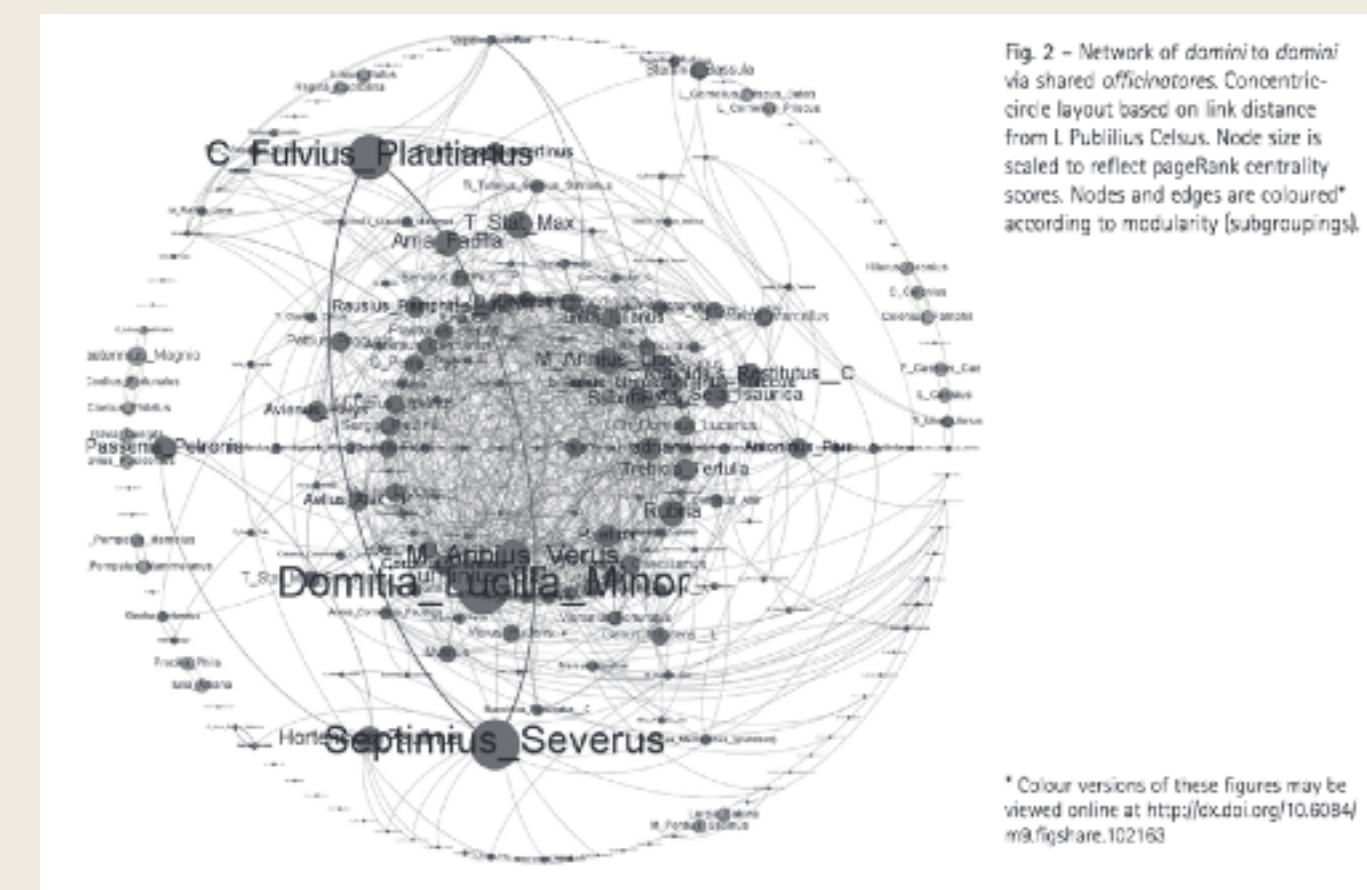* Colour versions of these figures may be viewed online at http://dx.doi.org/10.6084/m9.figshare.102163

EXPLORING BIG HISTORICAL DATA
The Historian's Macroscope

Second Edition

Shawn Graham, Ian Milligan,
Scott B. Weingart & Kim Martin

World Scientific