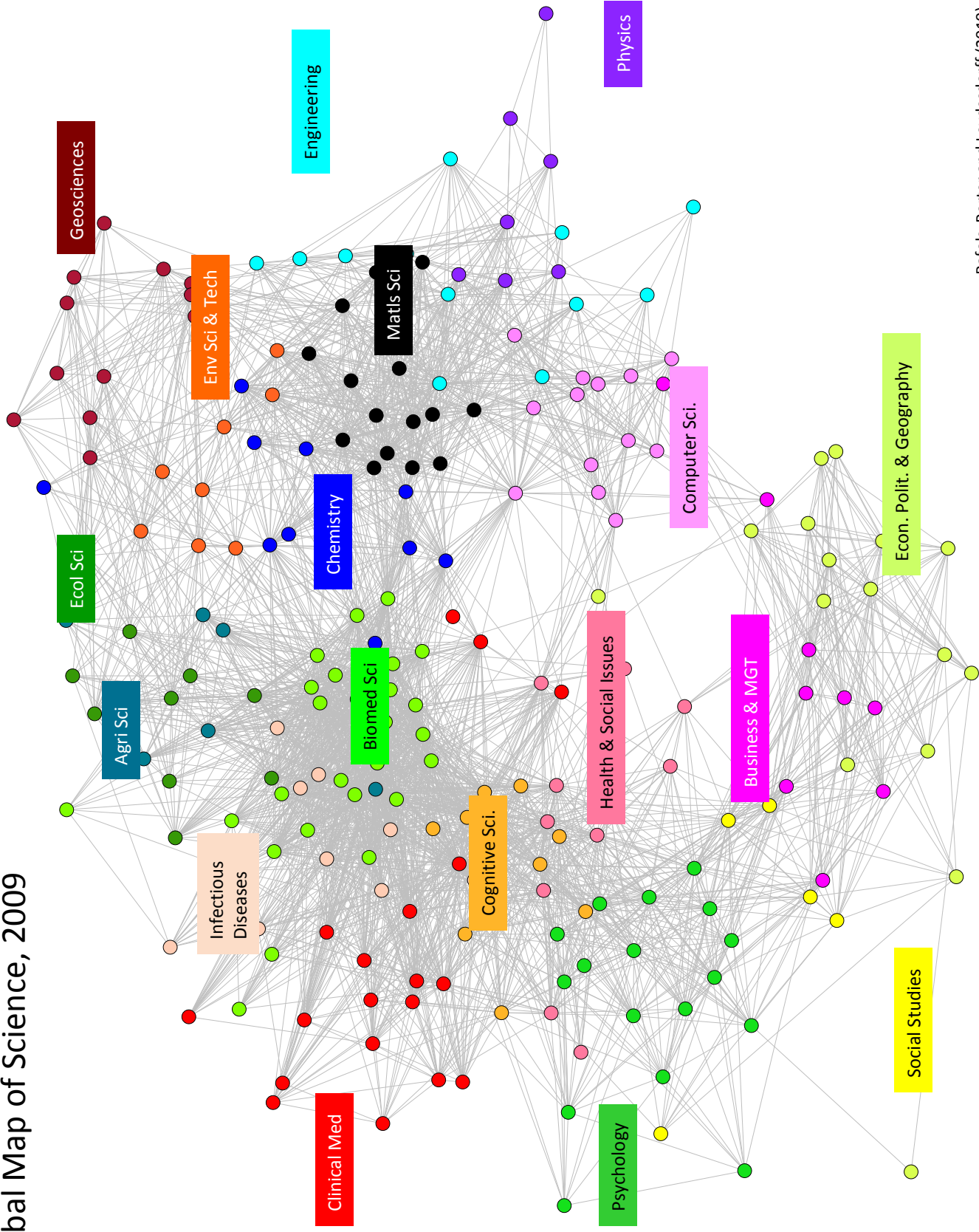


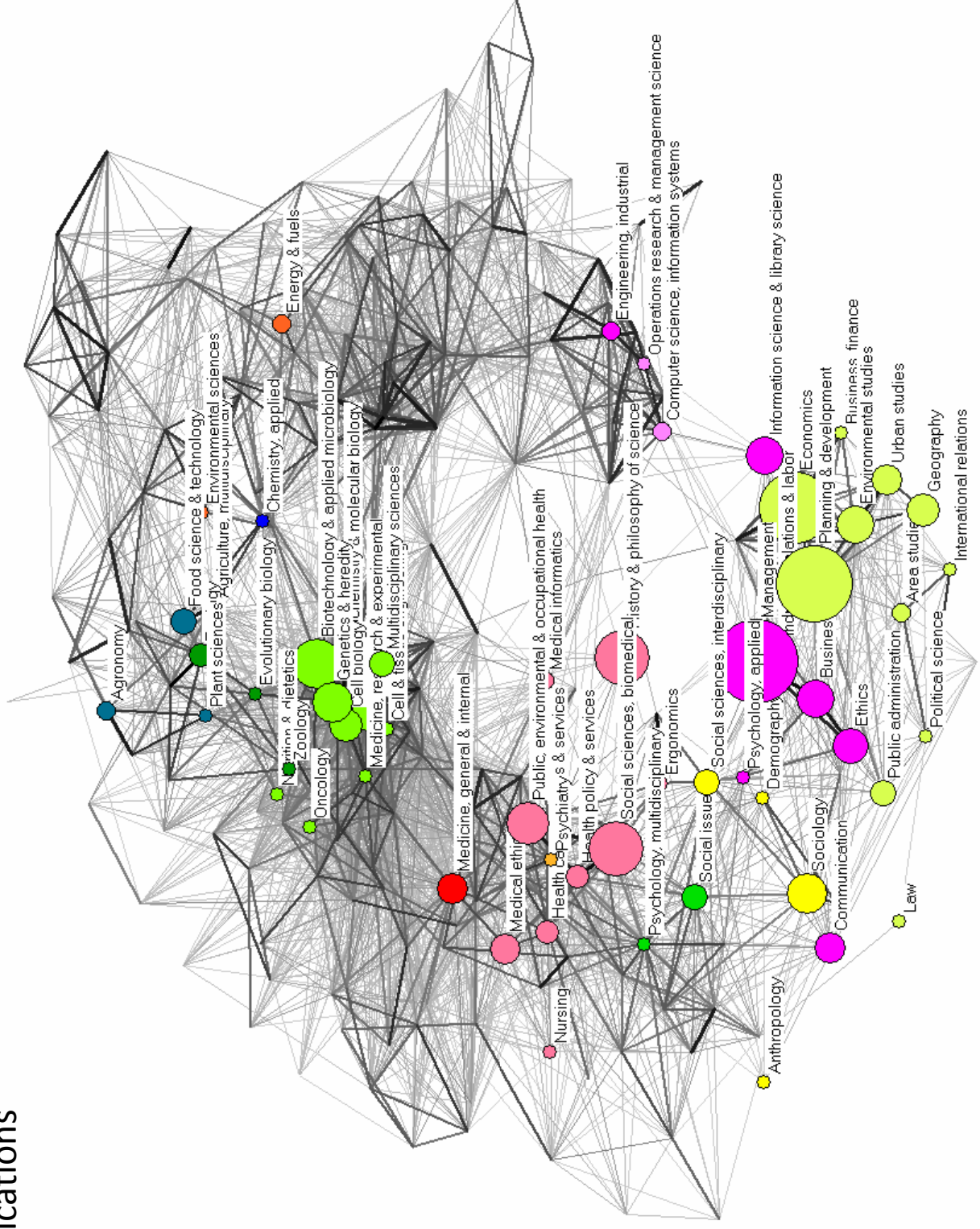
# Disciplinary portfolio of Innogen

Publications, Citations to, Citations from

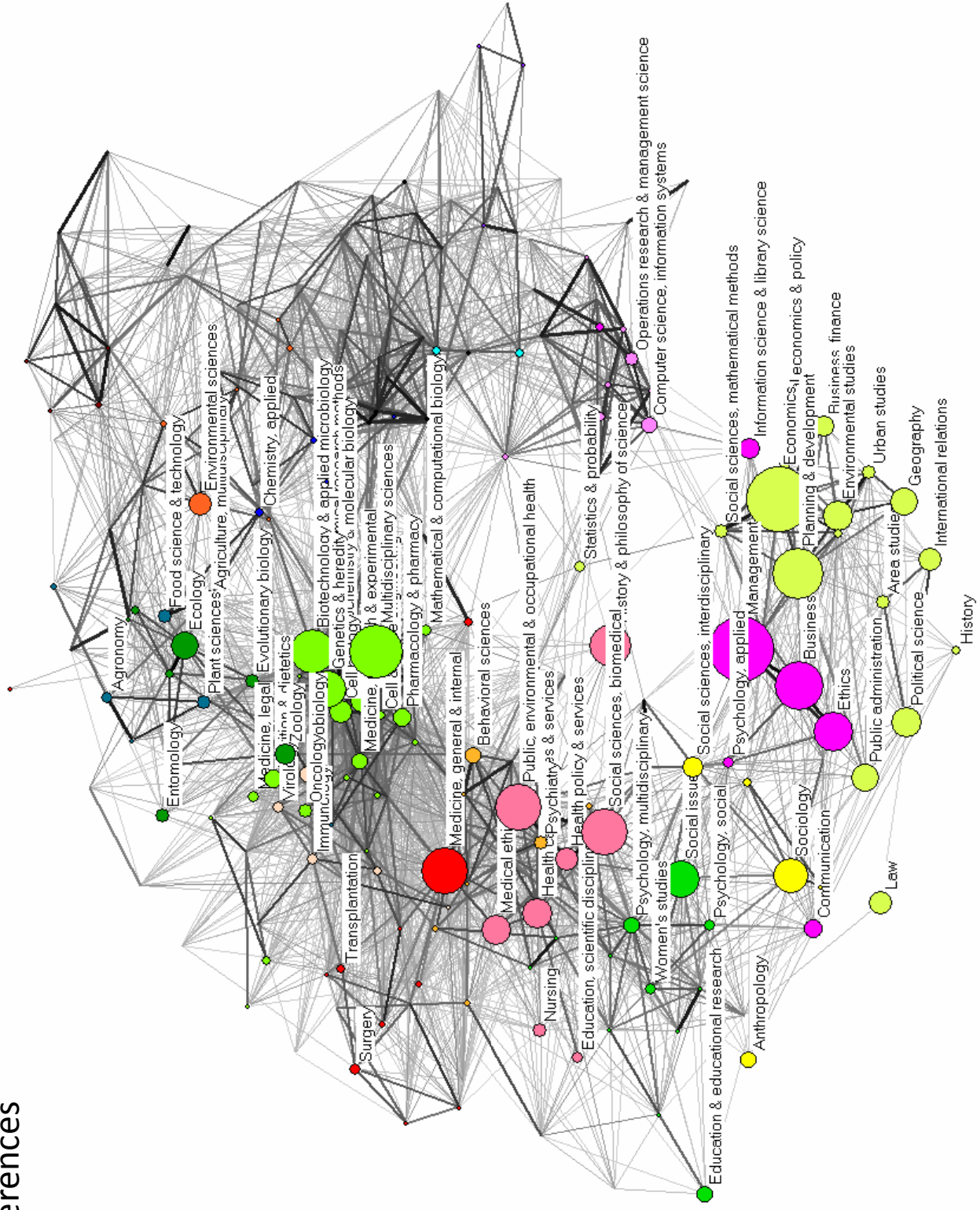
# Global Map of Science, 2009



# Publications



# References





Citations between different SCs  
originating from Innogen publications

Reflects disciplinary areas that are  
integrated within Innogen publication

Visualisation of Observed and Expected cross-citations between Web of Science Categories (SCs) of unit's publications

Legends:

**Node size** = Number of citations from each Web of Science Category

**Blue links** = Expected % of cross-citations from SC<sub>i</sub> to SC<sub>j</sub>  
(given the total number of references from SC<sub>i</sub> and given the average citation flows from SC<sub>i</sub> to SC<sub>j</sub> in the Web of Science)

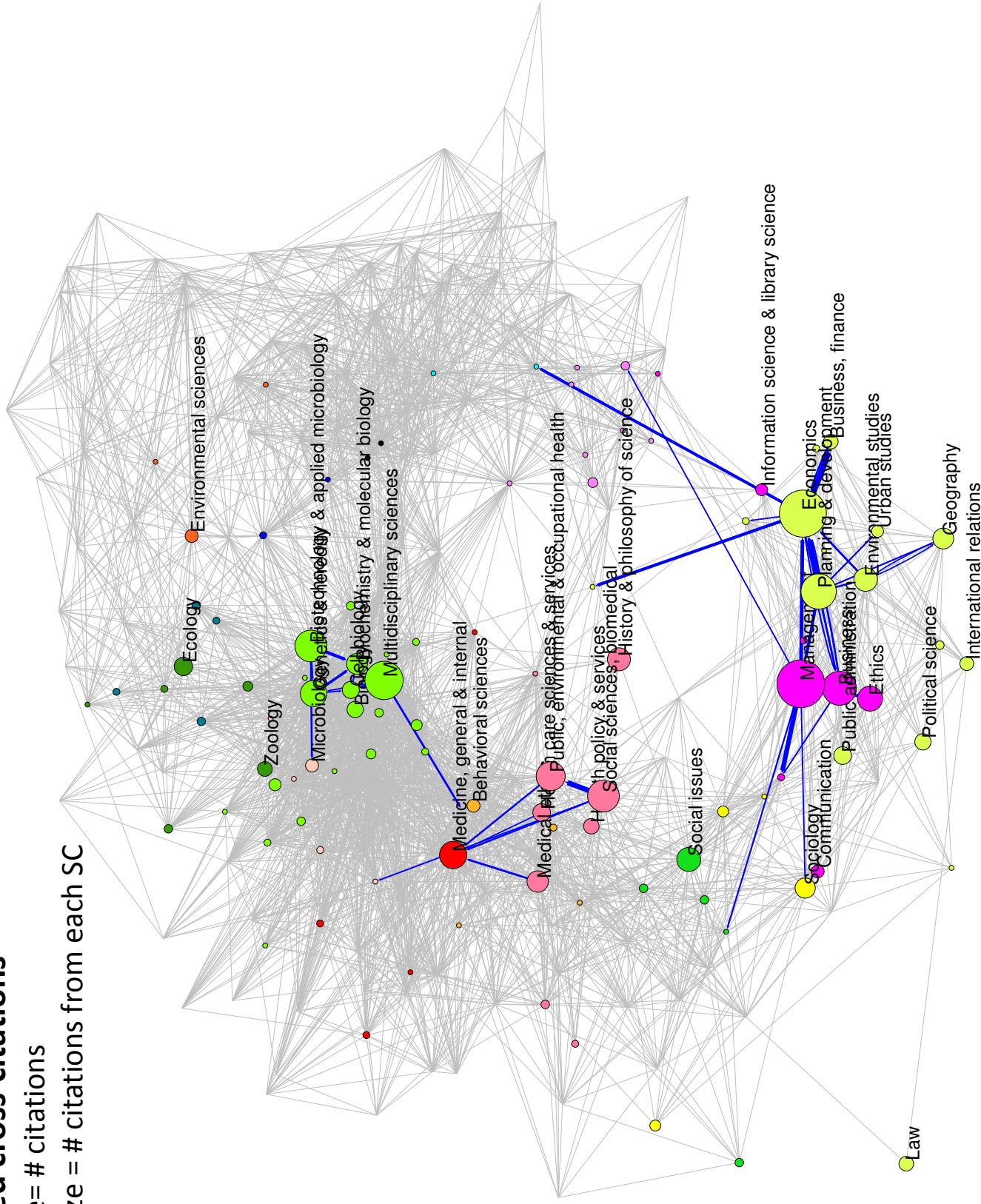
**Orange links** = Observed % of cross-citations from SC<sub>i</sub> to SC<sub>j</sub>  
Only links representing more than 0.2% citations are shown

**Green links** = Observed / Expected  
Only links with Observed/Expected > 5, and Observed > 0.2% are shown

# Expected cross-citations

Line Size= # citations

Node Size = # citations from each SC





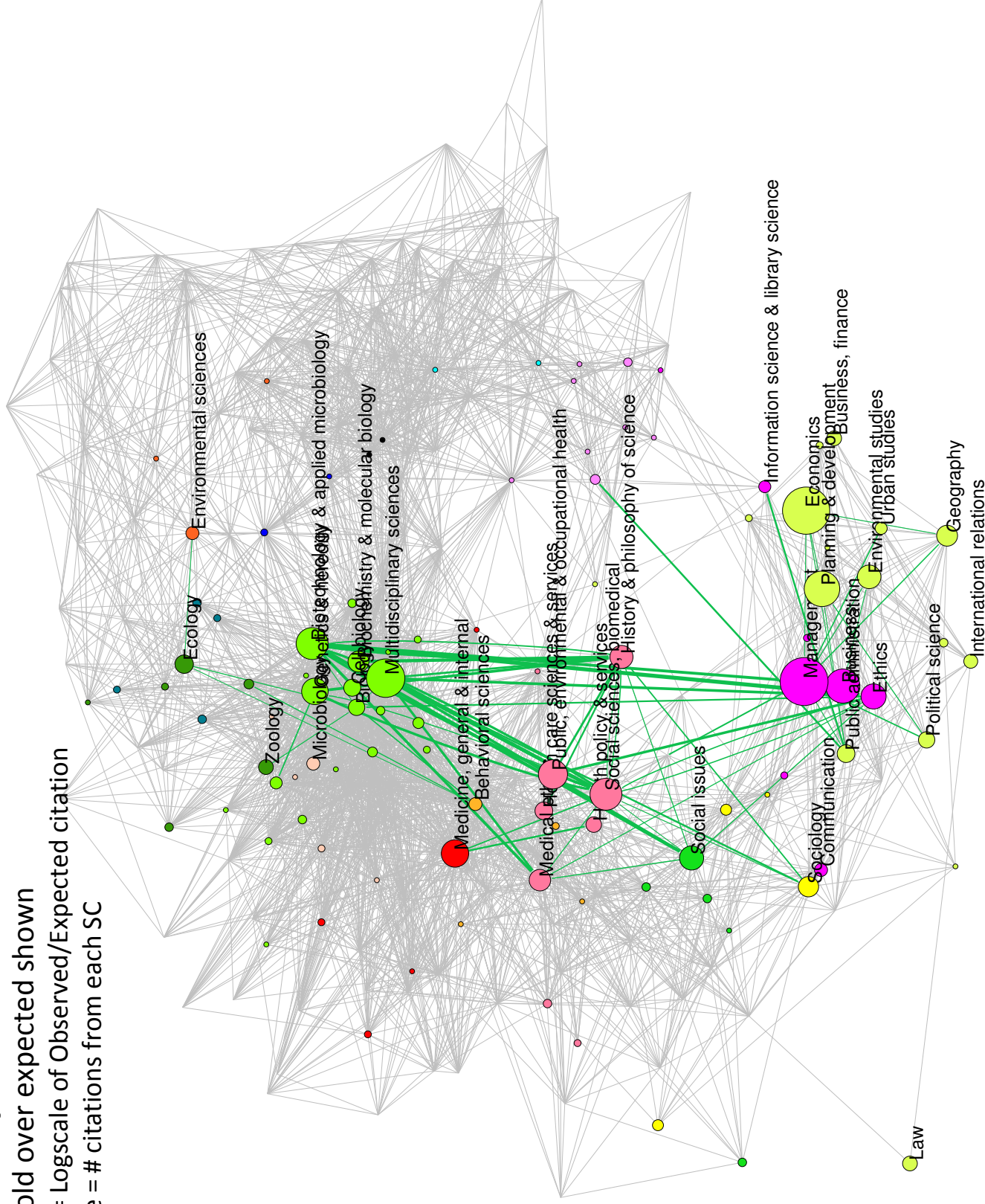


# Observed/Expected citations

Only 5 fold over expected shown

Line Size= Logscale of Observed/Expected citation

Node Size = # citations from each SC



# References

## Comparing disciplinary diversity of research units

- Rafols, I., Leydesdorff, L. O'Hare, A., Nightingale, P. and Stirling, A. (2012) How journal rankings can suppress interdisciplinarity. A comparison of innovation studies and business & management. *Research Policy*, 41(7), 1262–1282.
  - See supplementary files and interactive maps at:
    - <http://www.interdisciplinaryscience.net/rankingsidr>
    - <http://www.interdisciplinaryscience.net/maps/>

## Global and overlay maps of science

- Rafols, I., Porter, A. L. and Leydesdorff, L. (2010) Overlay science maps: a new tool for research policy and library management. *Journal of the American Society for Information Science and Technology* 61(9), 871–1887.