

Different Impacts of Gender Homophily between Men and Women in an Advice Network

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Introduction

Gender homophily, the tendency to network with people of the same gender is universal among networks. This study examines the different impacts of gender homophily on tie formation between men and women using ERGM. I use the ison_lawfirm dataset, which records ties among attorneys and their partners in the British law firm, SG&R; the data has been transformed to a 1-mode, simplex, directed network by extracting ties that represent exchange of advices.

Hypothesis

I propose the following hypothesis:
H: Male-Male gender homophily increases the probability of a tie formation more than female-female gender homophily (nodematch.gender.man > nodematch.gender.woman)

This is driven by both choice and induced homophily. Previous literature found that men prefer male advisors more than women want female advisors (Ibarra, 1992; Stolper & Walter, 2018). Thus, gender homophily may be a better predictor for tie formation for male nodes. Moreover, it is difficult to find female senior attorneys to ask for advice, because as seniority increases the number of female attorneys decreases. Thus, it may induce both men and women to connect with men if they want advice from senior attorneys. Therefore, the male-male gender homophily would be more significant in constructing the network.

Visualization

