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| --- | --- | --- |
| Topic of interest | Planned additional analysis | Expected findings |
| Characteristics of the Francis Bacon network | Differentiate measures per gender | Could be not significant because of the underrepresentation of women in historical documents |
| Explore whether network exhibits homophily based on gender | Prove strong homophily |
| Network impact of major events | Death of king/queen   * Analyze separately three types of death: unexpected death of active king; expected death of active king; death of king who stepped down from power more than 1 year before death * Perform the same analysis on an expanded sub-network which also includes the 2nd / 3rd degree connections * Events more subtle than death | The network dynamics after death will be different based on the type of death |
| Evaluate the over-time sub-network impact of marriage | Over-time connection of the individual spouses’ networks |
| Life expectancy prediction | Include historical significance as a predictor variable; Include number of different social circles represented in that person’s 1st degree connections | Significant |
| Structural Holes |  |  |

What More to Explore

* Compare by gender
* Explore whether network exhibits homophily

What More to Explore

* Analyze different types of death (sudden death / decease)
* Analyze impact of marriage

What More to Explore

* Include profession as a predictor (utilize unused information)
* Consider the diversity of a person’s social circles