



STORM OF SWORDS

PRESENTED BY –
PUJA RAMESH SONAWANE

PURPOSE OF THE PROJECT

Educate with a tint
of entertainment.

GAME OF THRONES





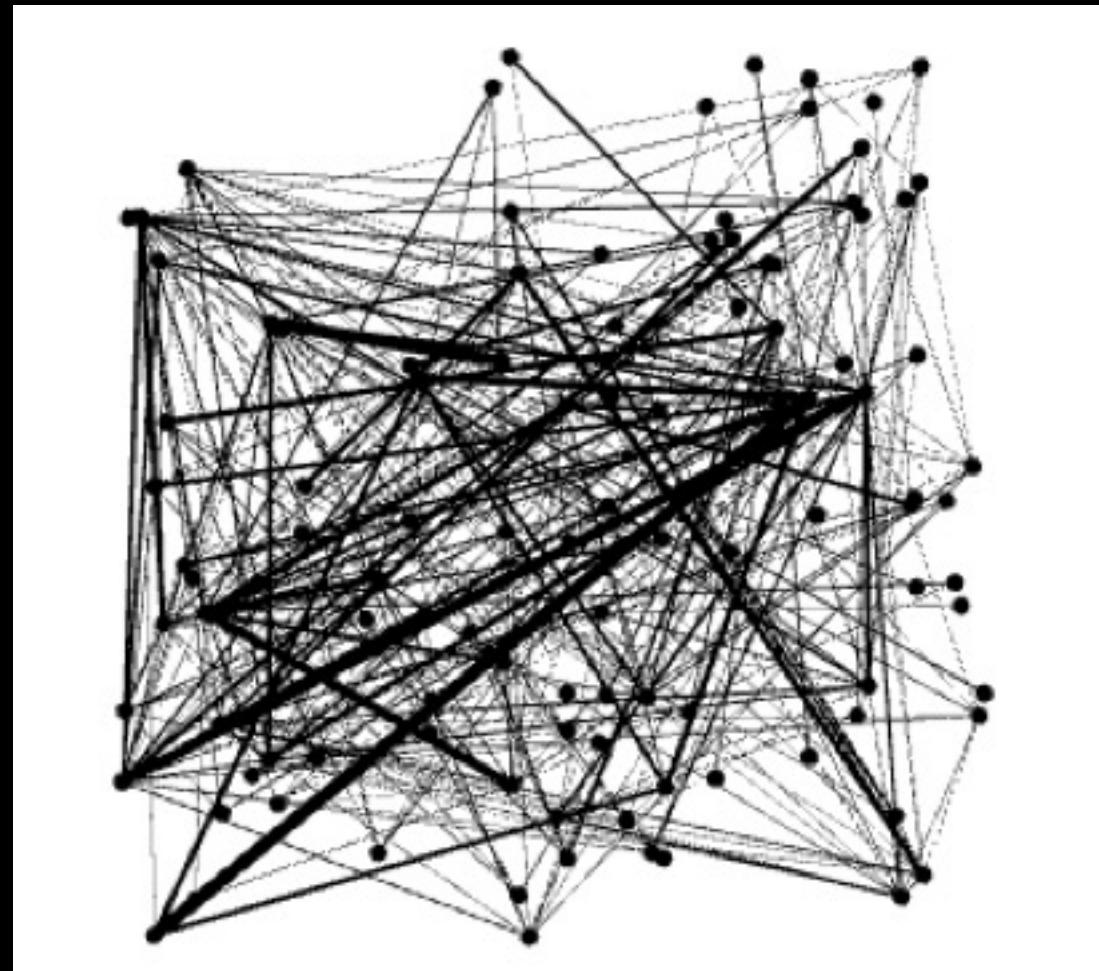
DATA LABORATORY

Workspace 1

Data Table

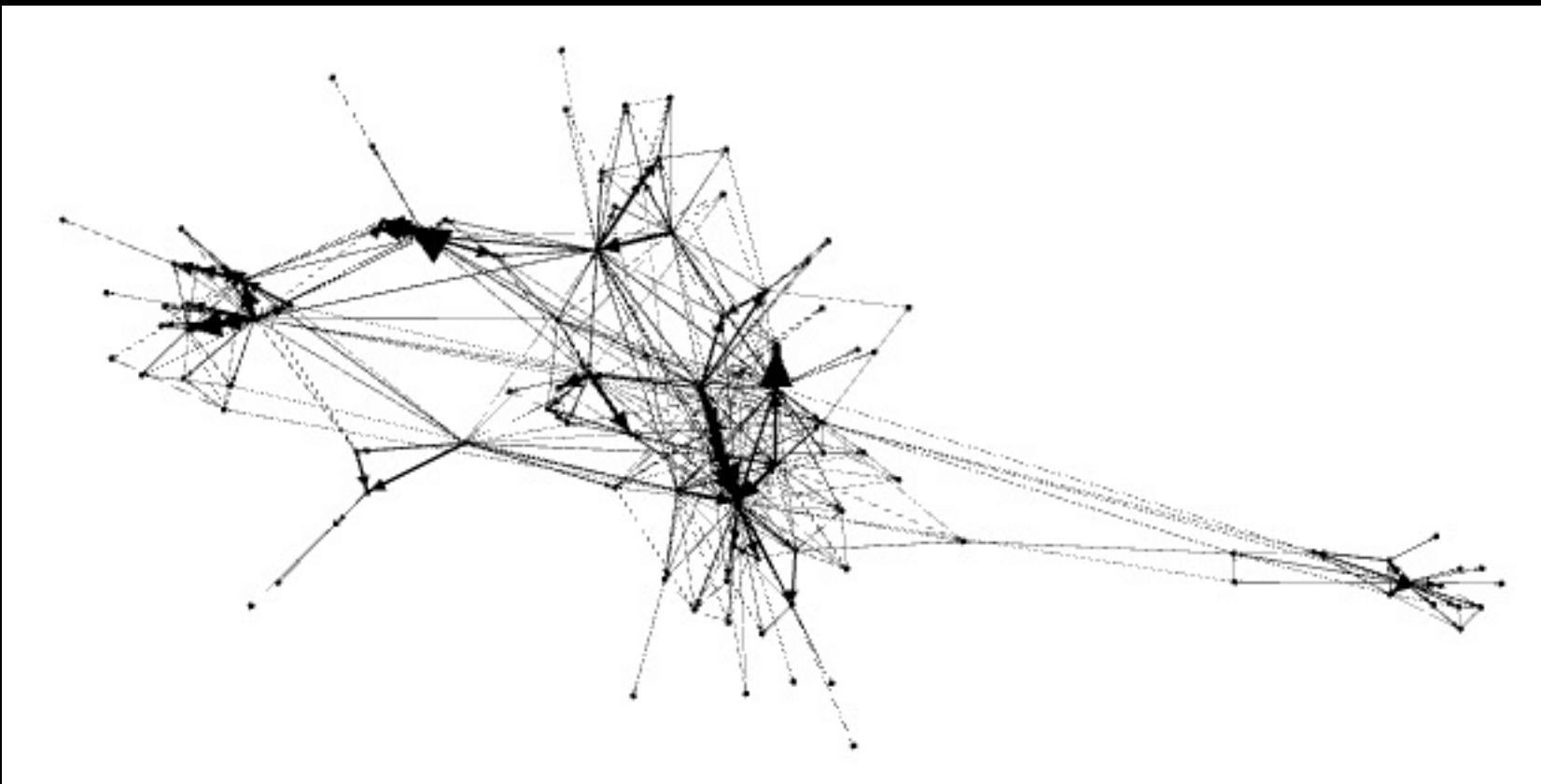
Nodes Edges Configuration Add node Add edge Search/Replace Import Spreadsheet Export table More actions Filter: Source

Source	Target	Type	Id	Label	Interval	Weight
Aemon	Grenn	Directed	0			5.0
Aemon	Samwell	Directed	1			31.0
Aerys	Jaime	Directed	2			18.0
Aerys	Robert	Directed	3			6.0
Aerys	Tyrion	Directed	4			5.0
Aerys	Tywin	Directed	5			8.0
Alliser	Mance	Directed	6			5.0
Amory	Oberyn	Directed	7			5.0
Arya	Anguy	Directed	8			11.0
Arya	Beric	Directed	9			23.0
Arya	Bran	Directed	10			9.0
Arya	Brynden	Directed	11			6.0
Arya	Cersei	Directed	12			5.0
Arya	Gendry	Directed	13			43.0
Arya	Gregor	Directed	14			7.0
Arya	Jaime	Directed	15			11.0
Arya	Joffrey	Directed	16			6.0
Arya	Jon	Directed	17			7.0
Arya	Rickon	Directed	18			8.0
Arya	Robert	Directed	19			4.0
Arya	Roose	Directed	20			5.0
Arya	Sandor	Directed	21			46.0
Arya	Thoros	Directed	22			18.0
Arya	Tyrion	Directed	23			5.0
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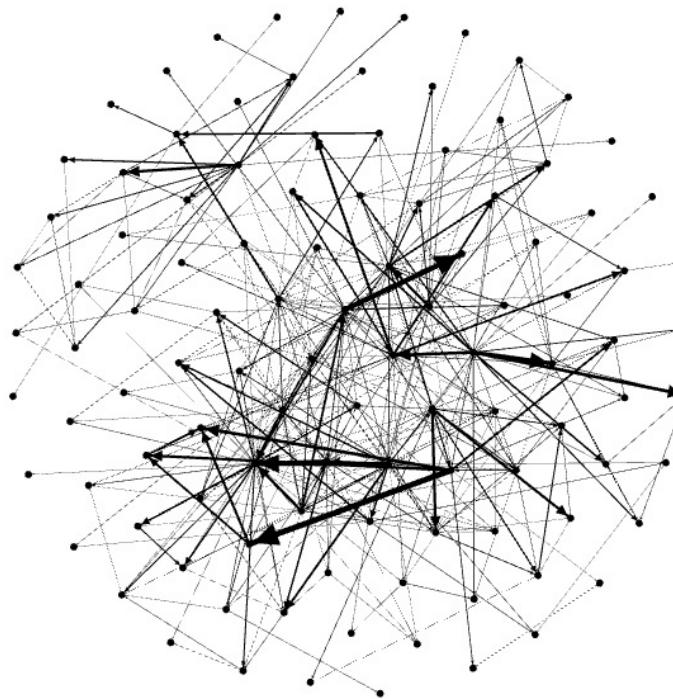


LAYOUTS

FORCE ATLAS 2



FRUCHTERMAN REINGOLD



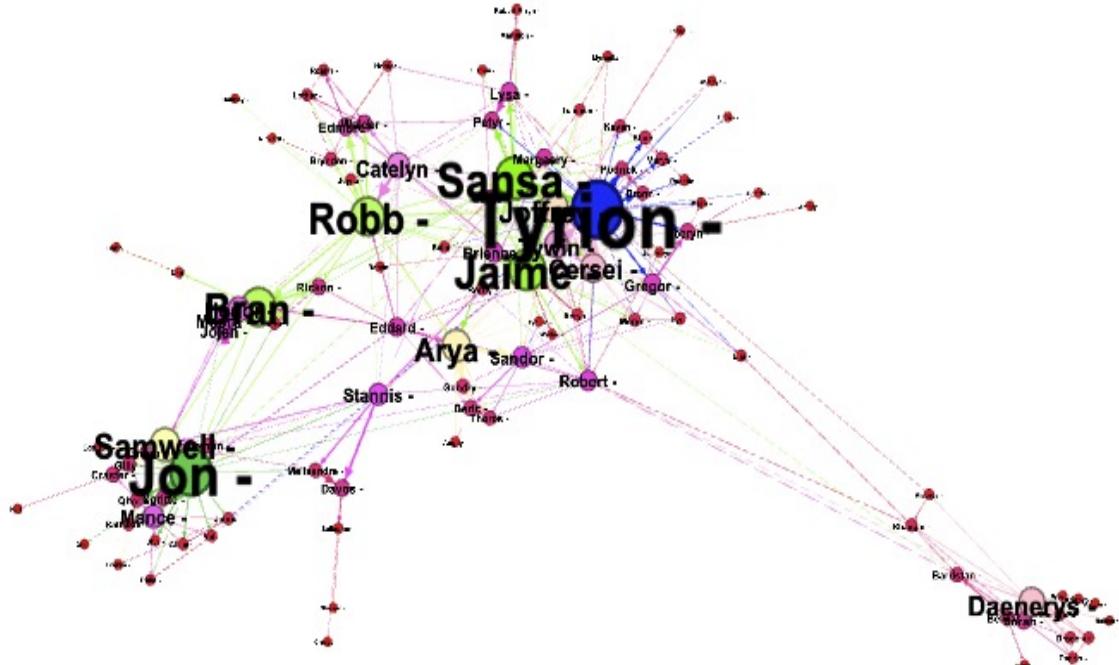
YIFAN HU



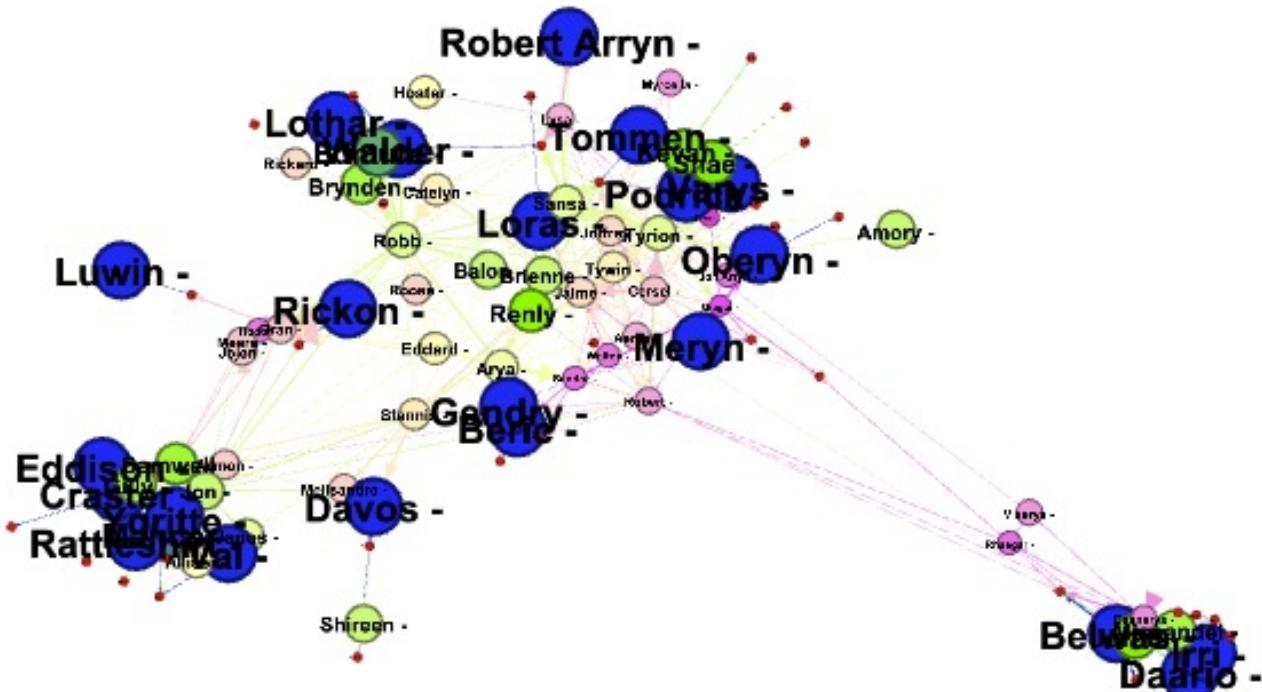
CENTRALITY MEASURES

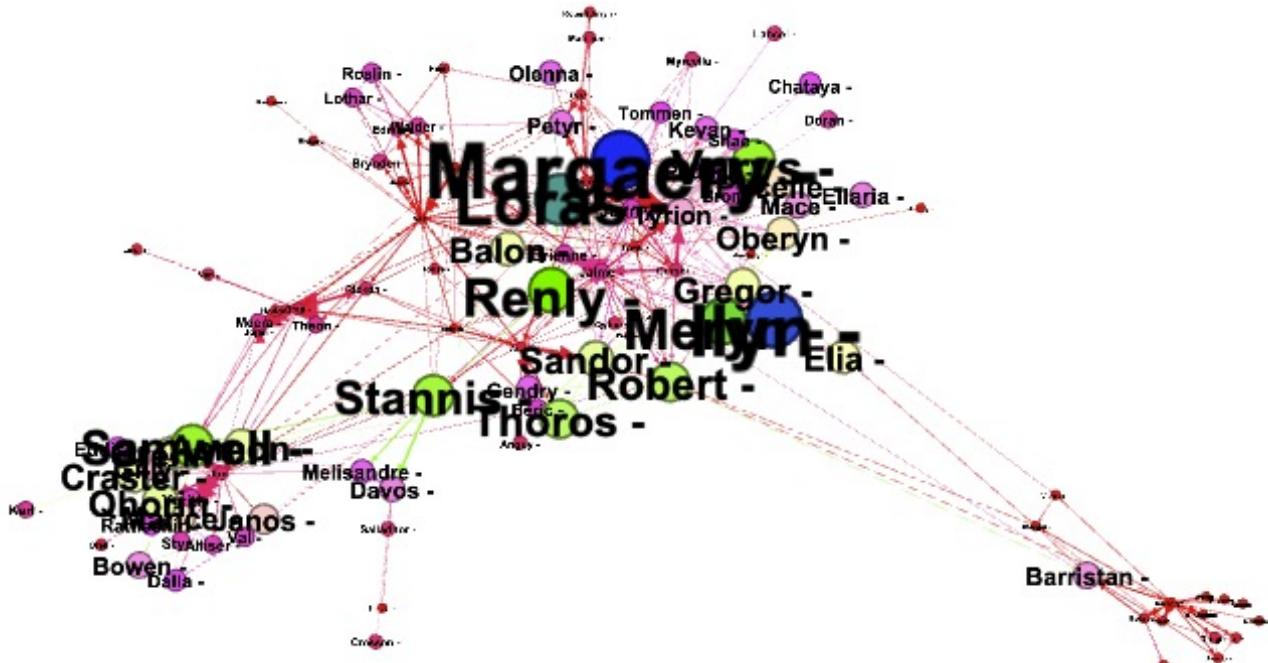
AVERAGE
WEIGHTED
DEGREE

40.411



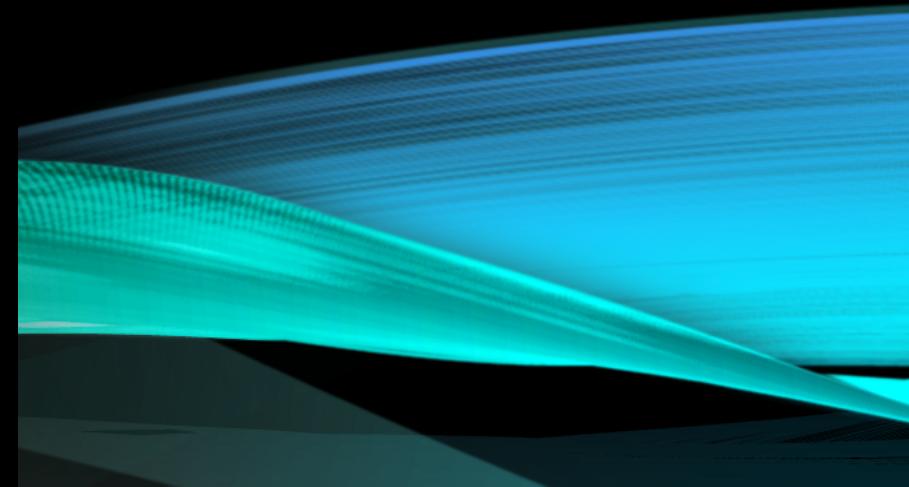
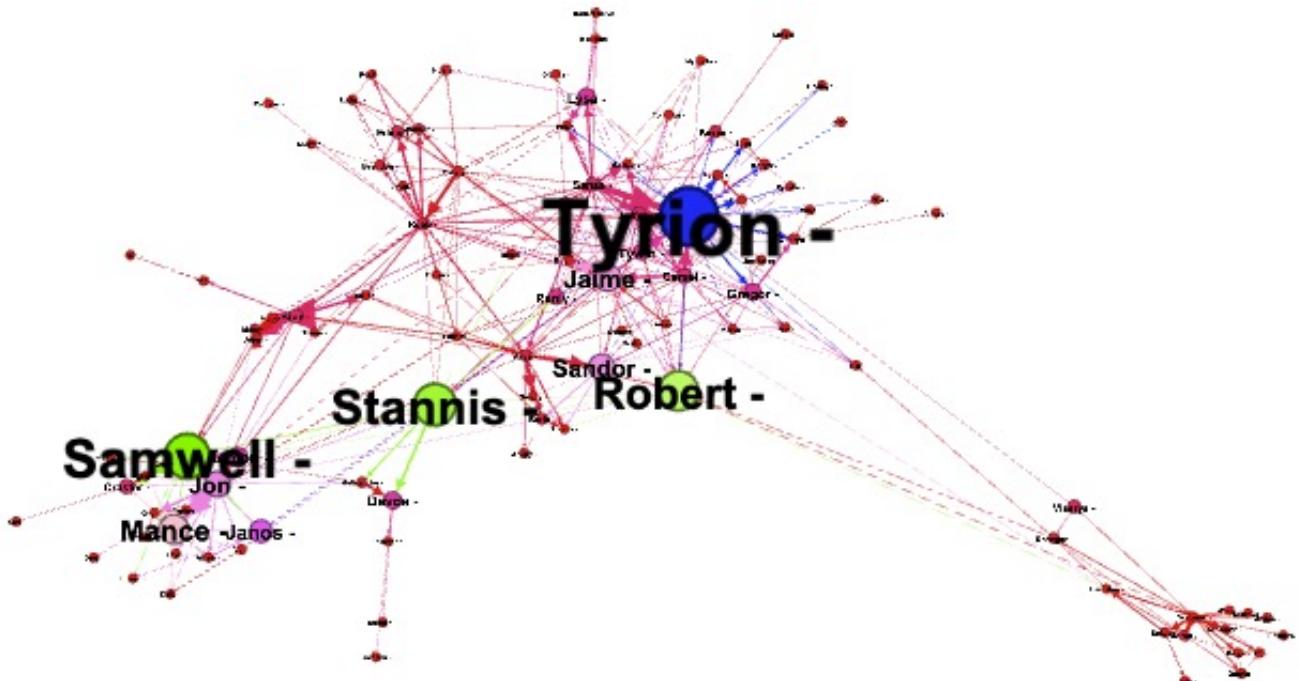
CLOSENESS CENTRALITY





EIGENVECTOR
CENTRALITY

BETWEENNESS CENTRALITY



INFERENCE FROM CENTRALITY MEASURES

Graph
Density
0.031



Tyrion Lannister



Daenerys Targaryen

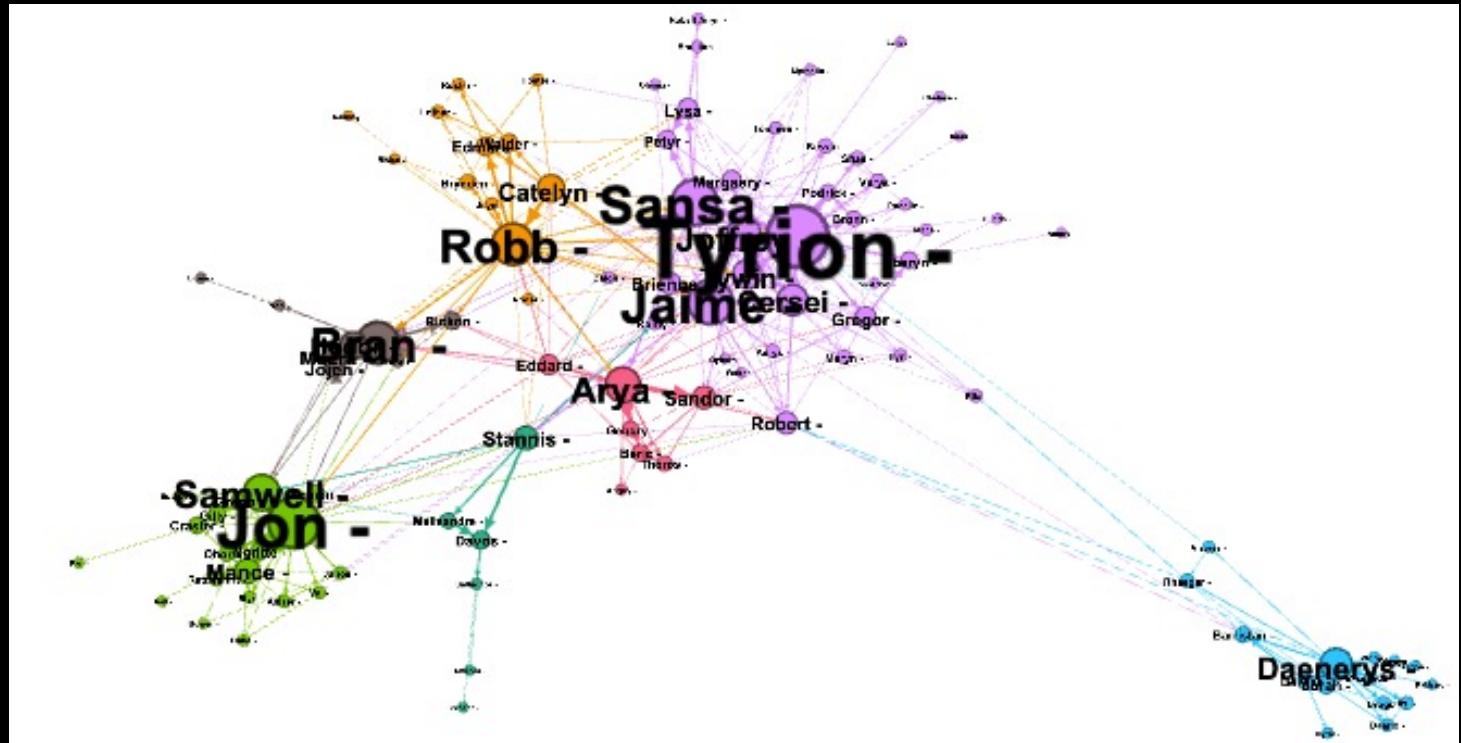


Robert Baratheon



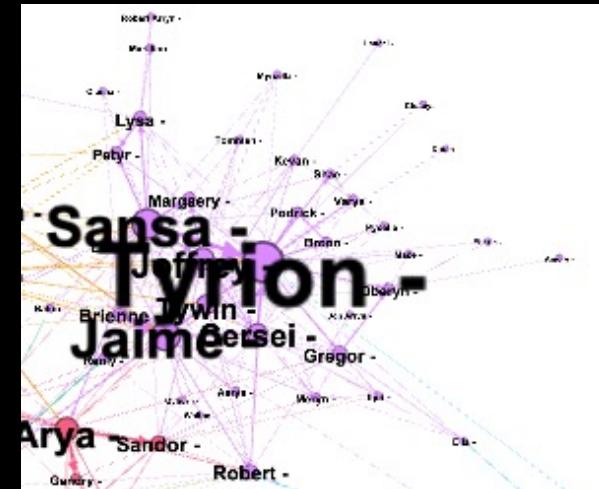
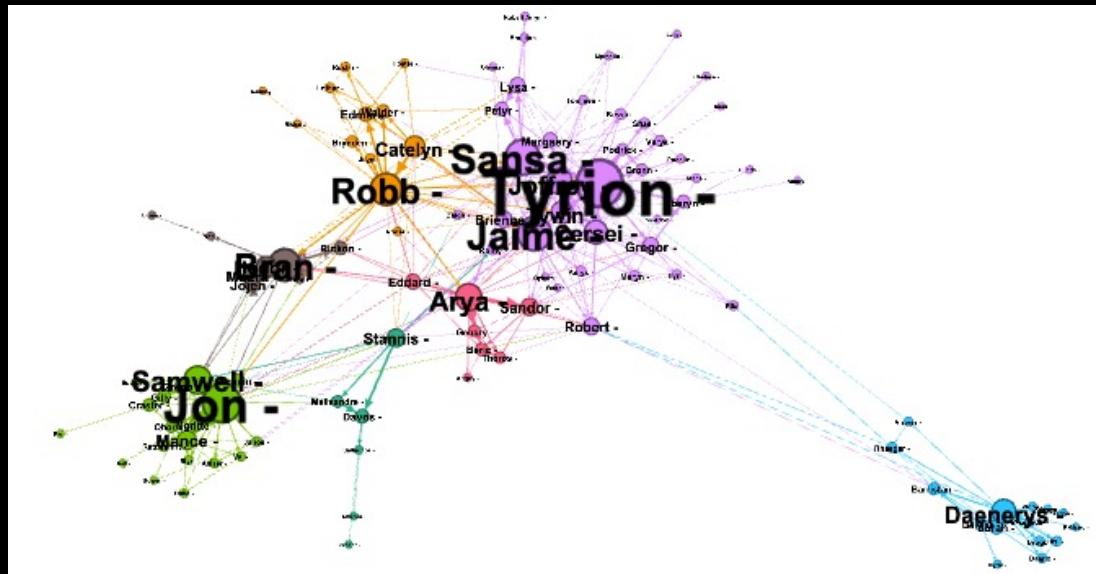
COMMUNITIES

7 KINGDOMS
=
7 COMMUNITIES

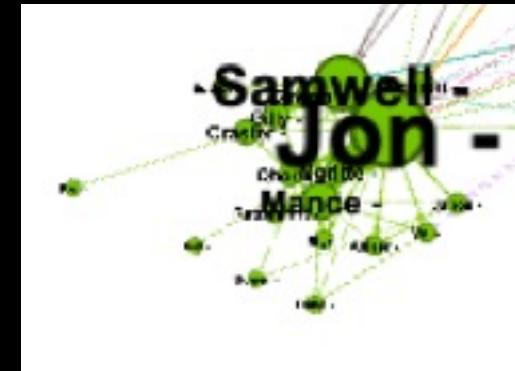
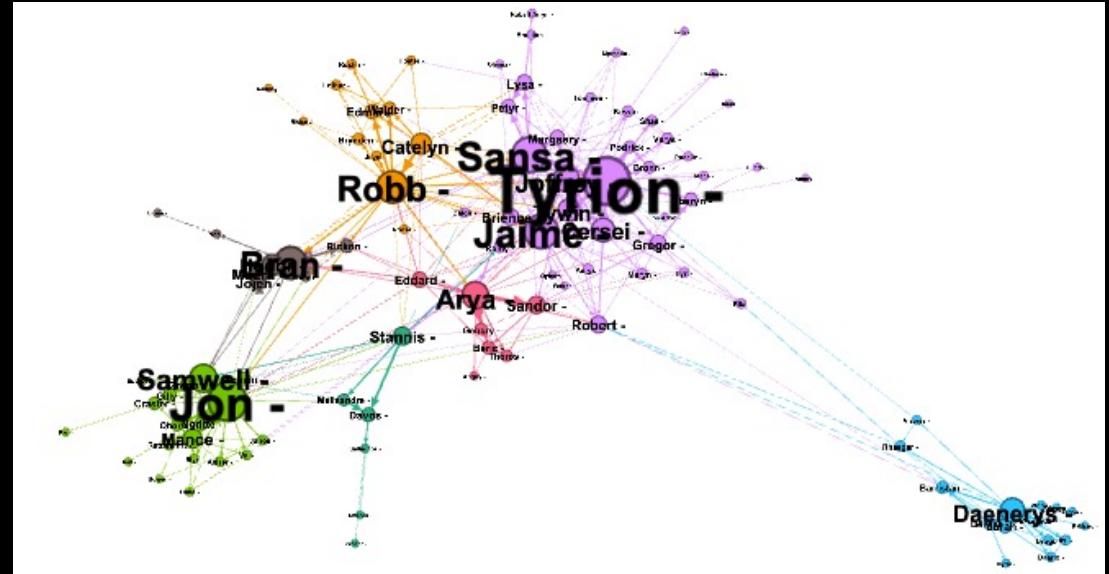


CONCLUSION

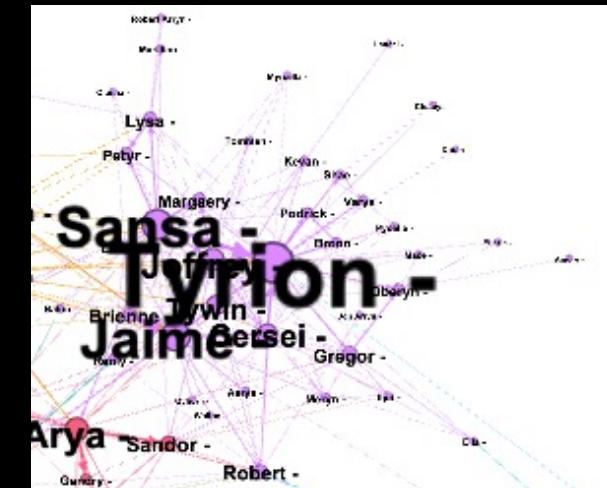
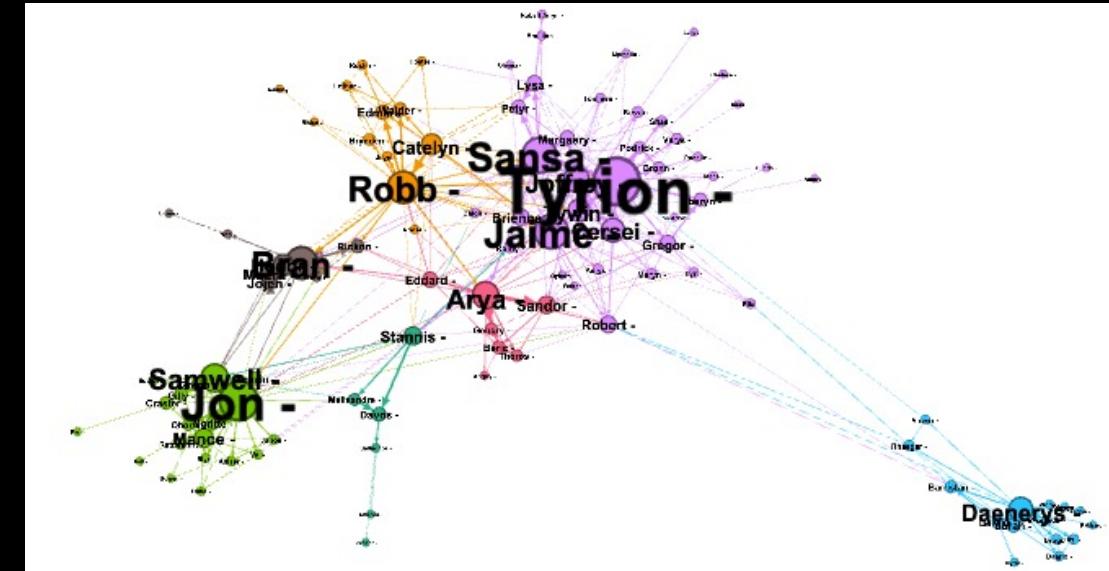
TYRION LANNISTER



JON SNOW



SANSA STARK



FUTURE WORK

- Adding more datasets.
- Lack of undo feature with the current software version.

THANK YOU!

REFERENCES

- <https://gameofnodes.wordpress.com/2015/05/06/game-of-nodes-a-social-network-analysis-of-game-of-thrones/>
- <https://www.macalester.edu/~abeverid/thrones.html>
- https://medium.com/@sanchit_kumar/my-experience-with-gephi-visualizing-game-of-thrones-a-song-of-ice-and-fire-61587eefba9d
- <https://studentwork.prattsi.org/infovis/visualization/gephi-thrones-relationships-got/>