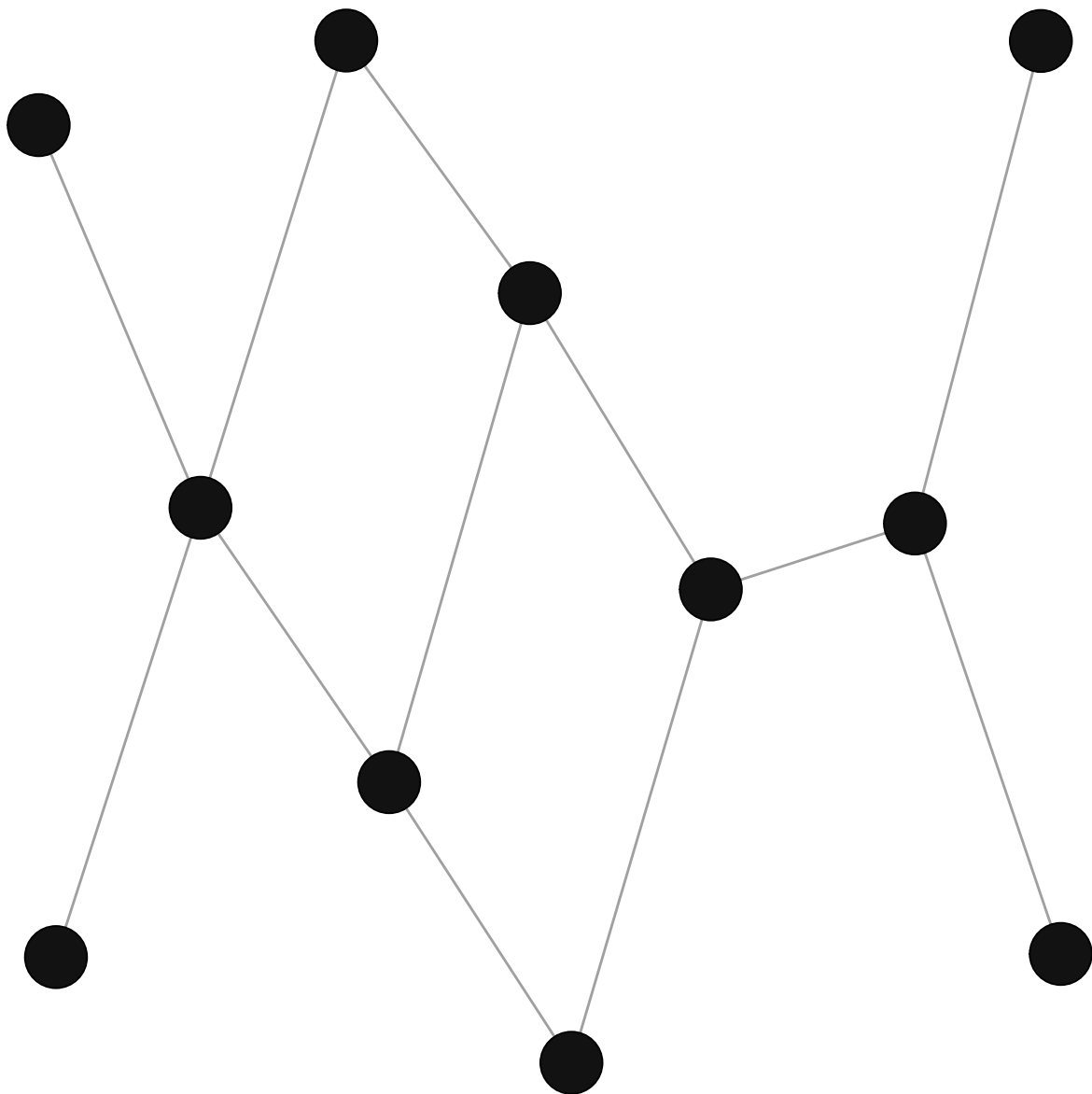
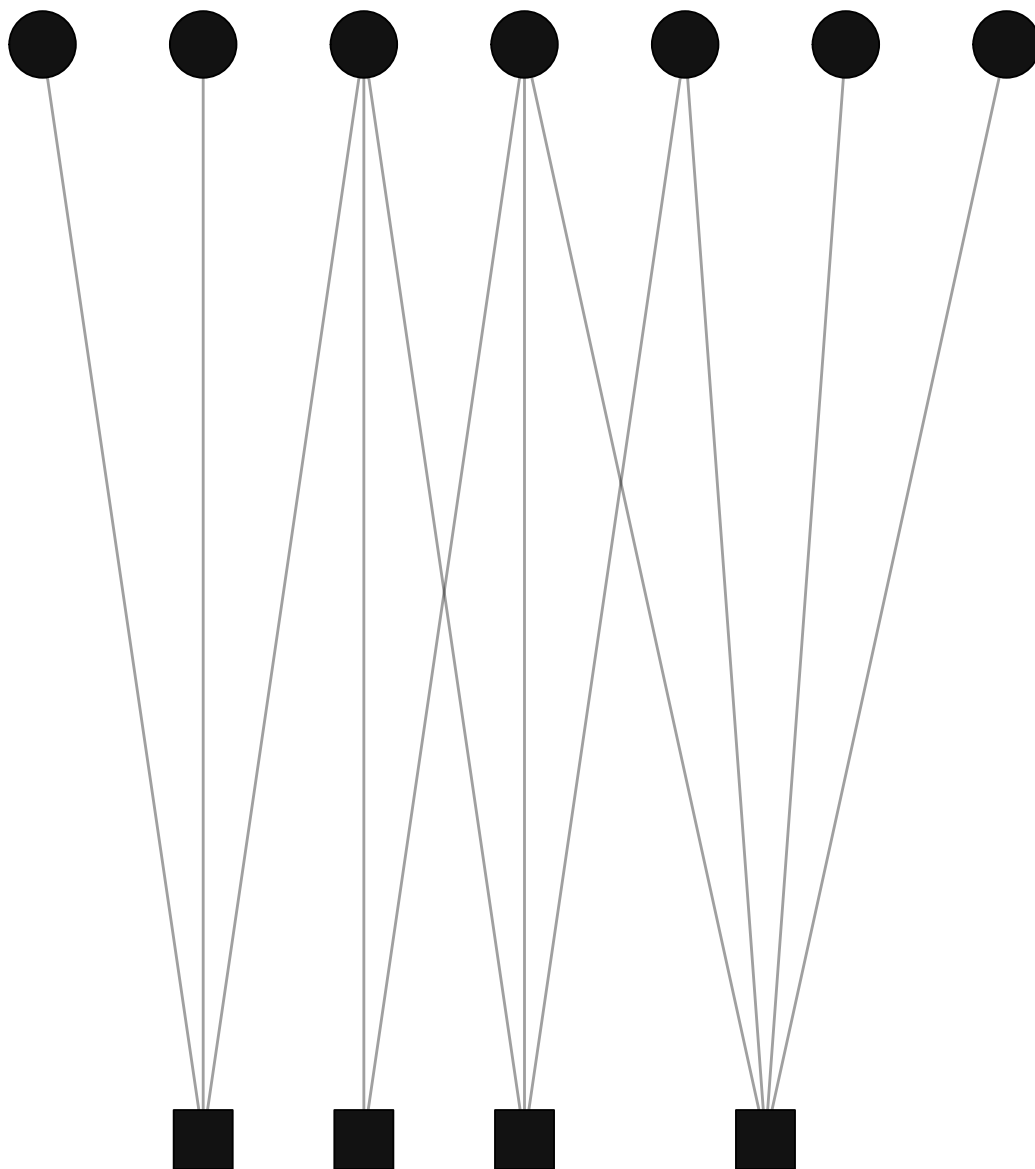






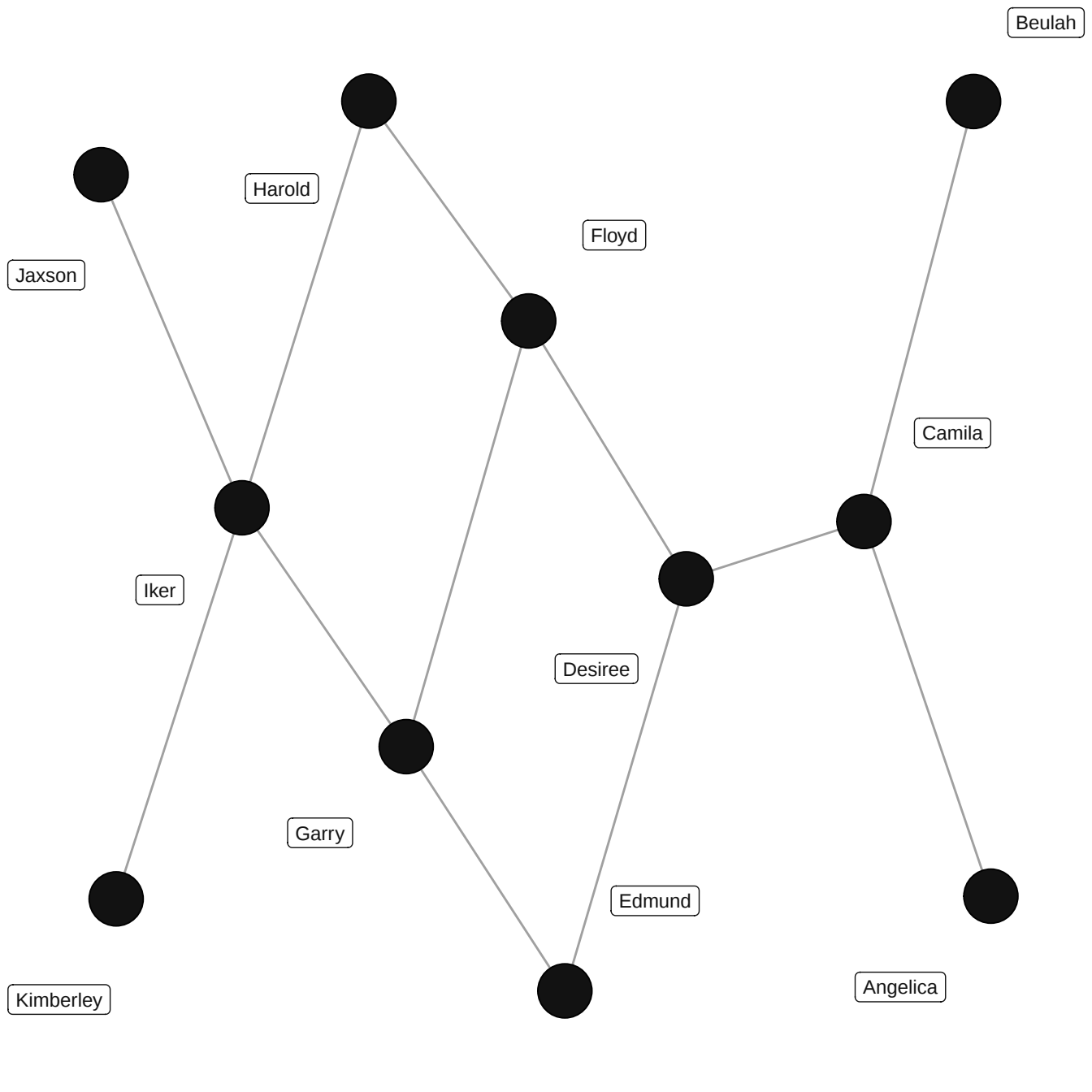
Mode

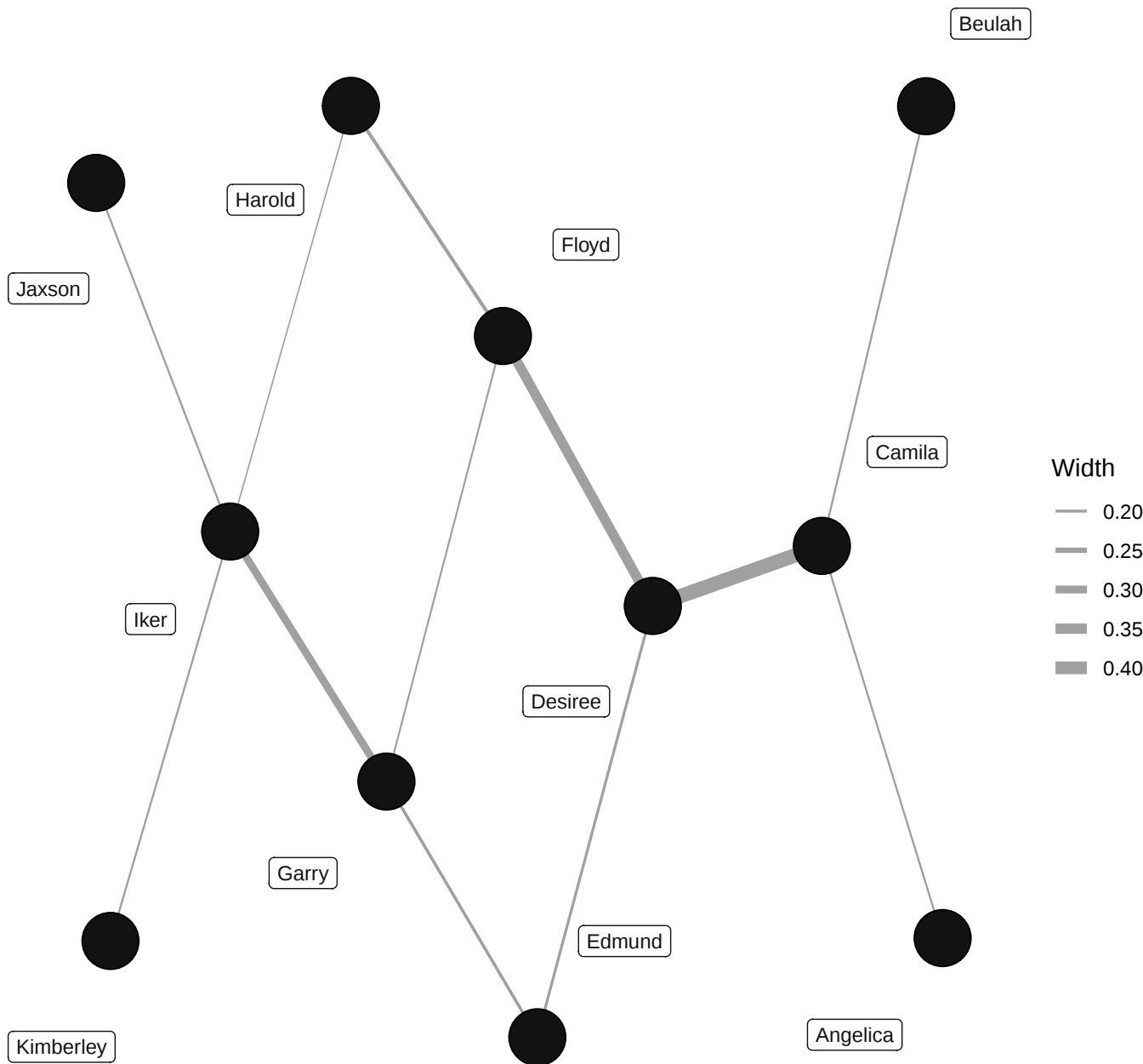


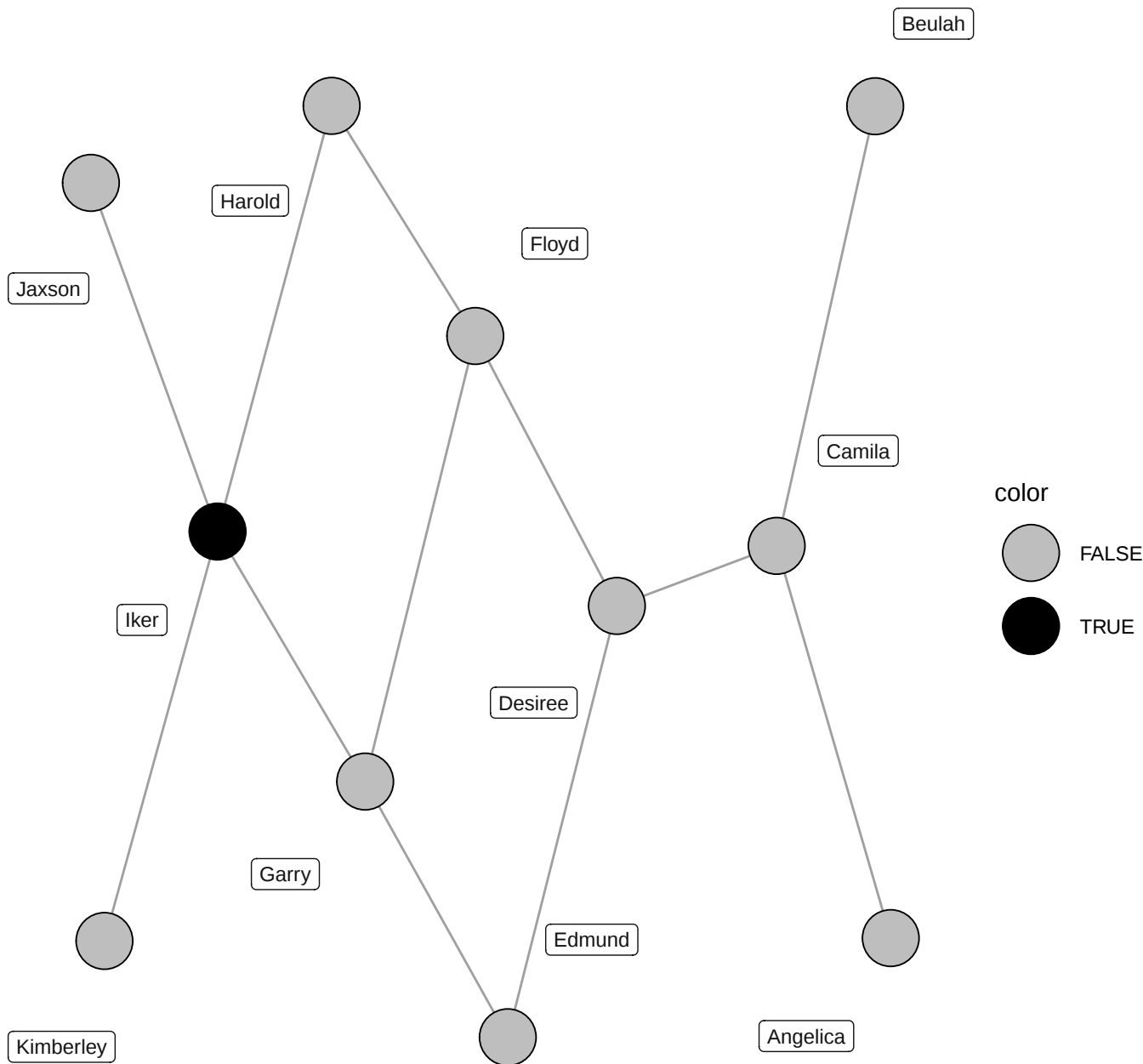
One

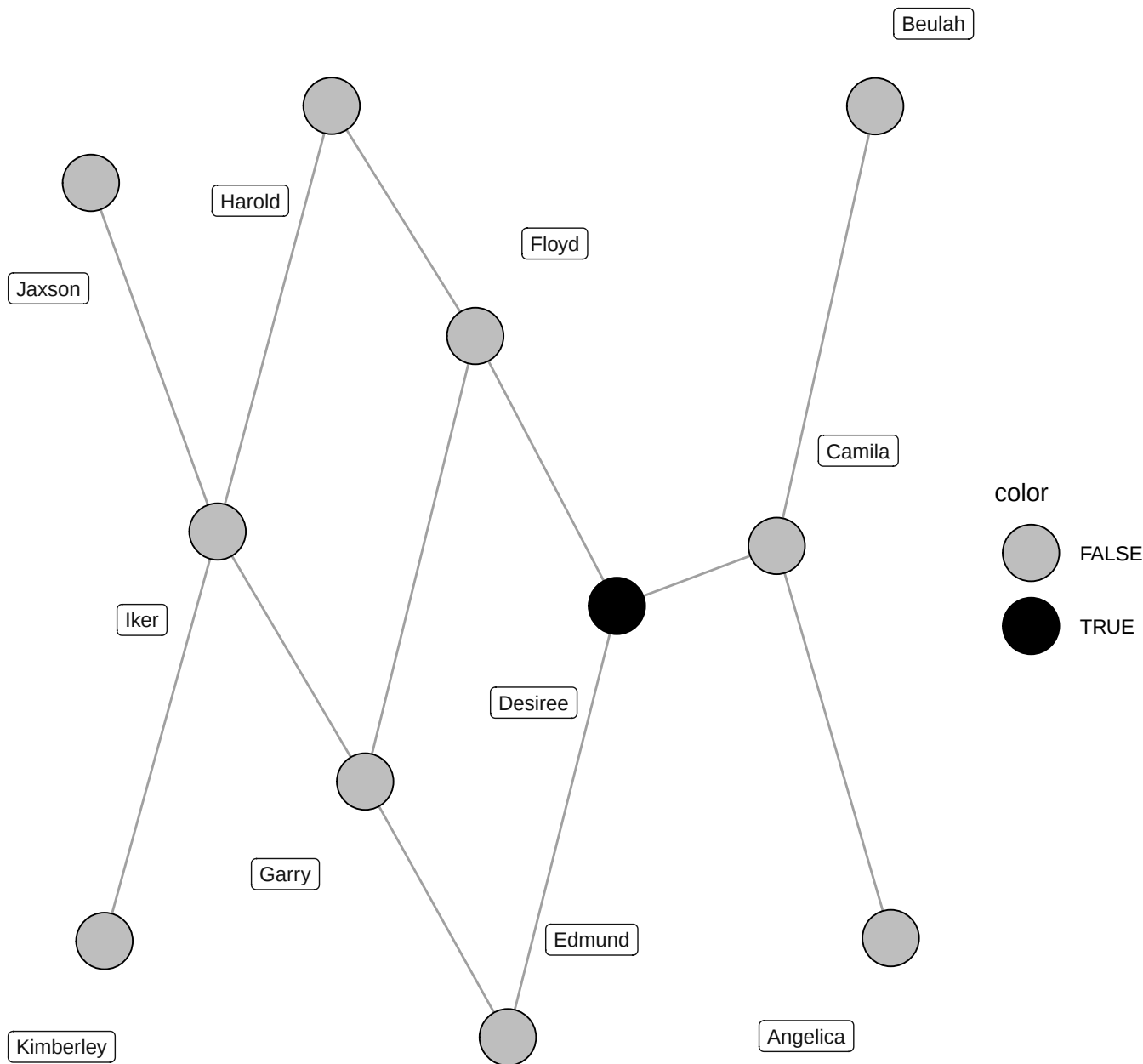


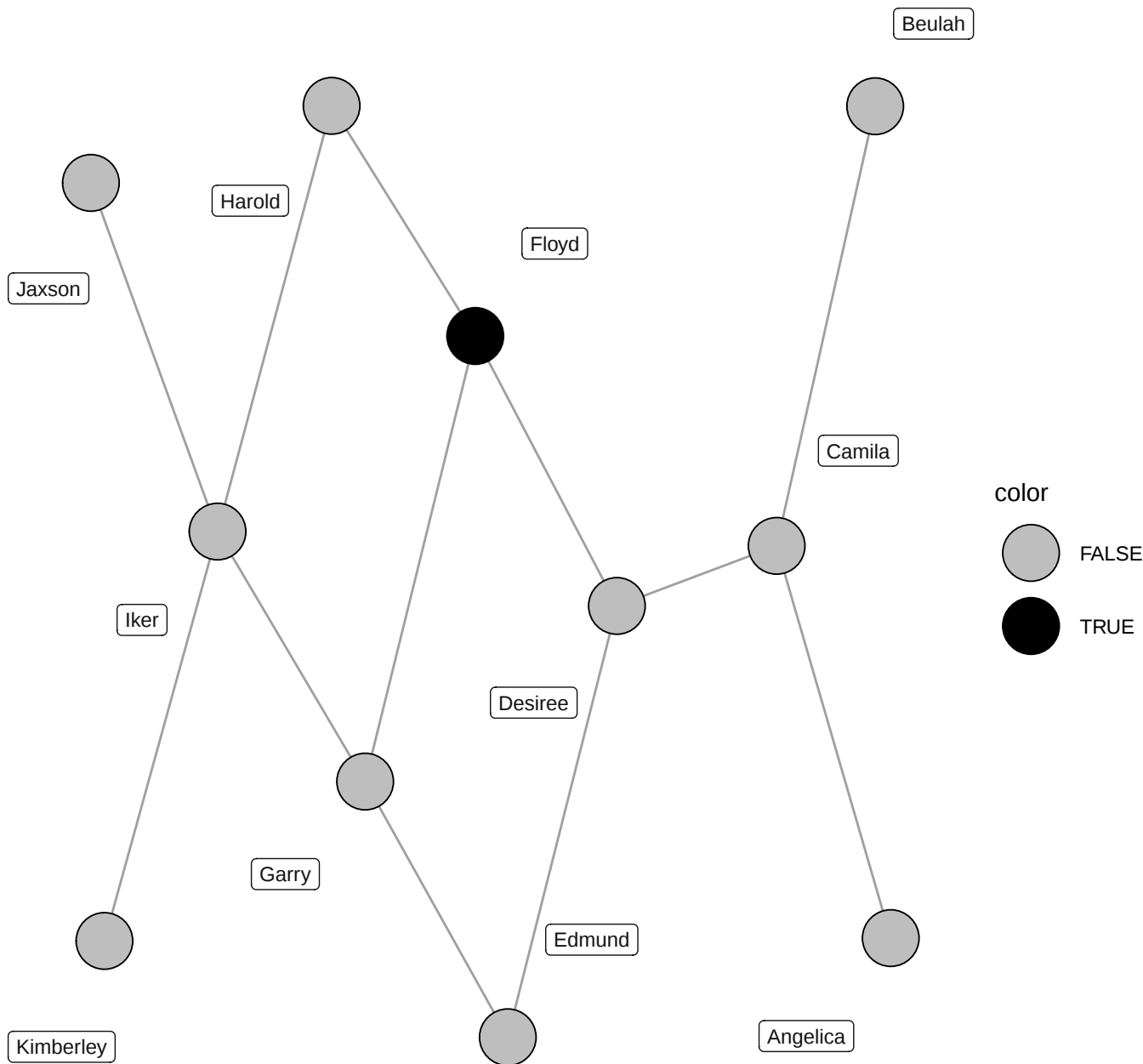
Two

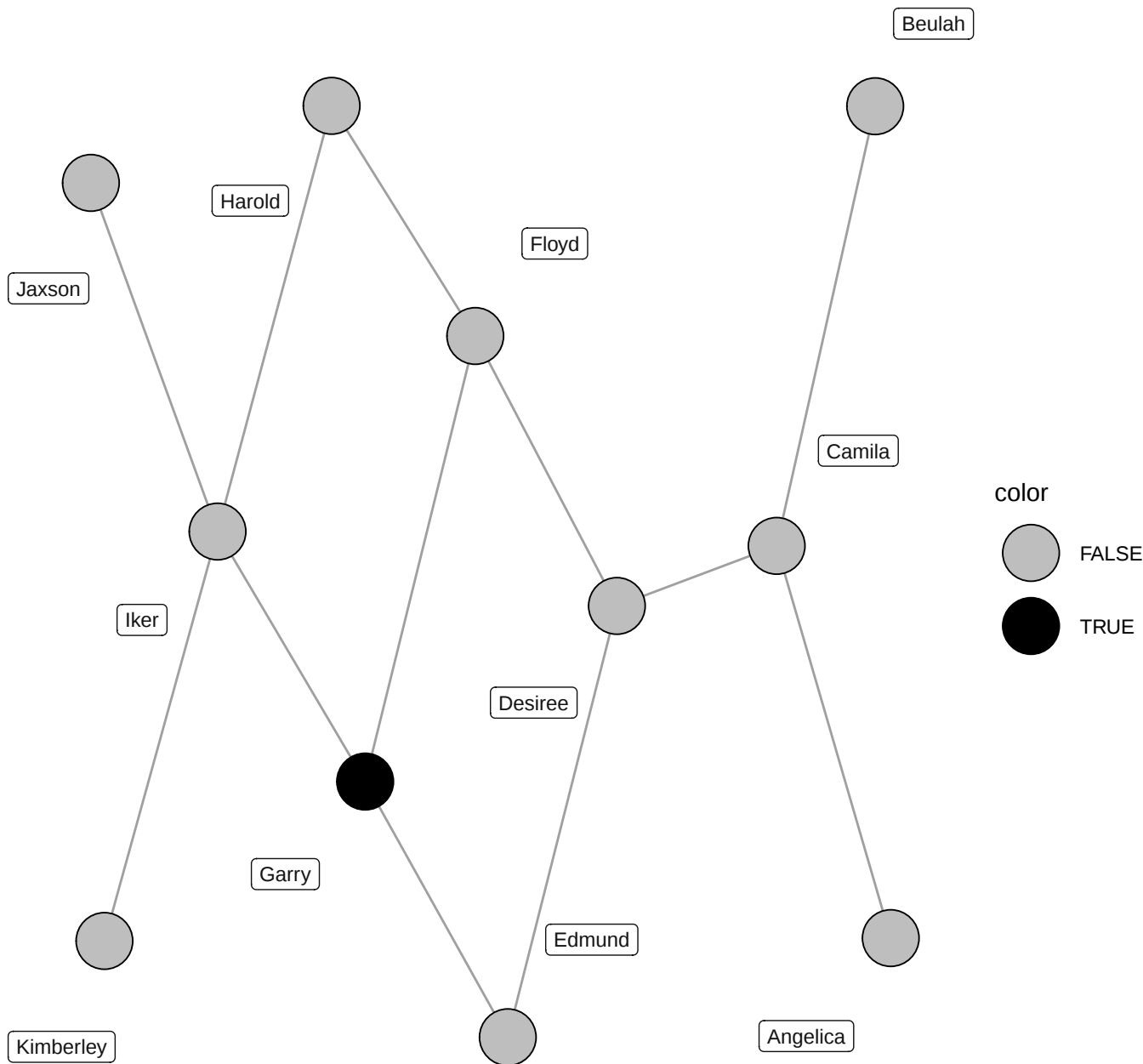


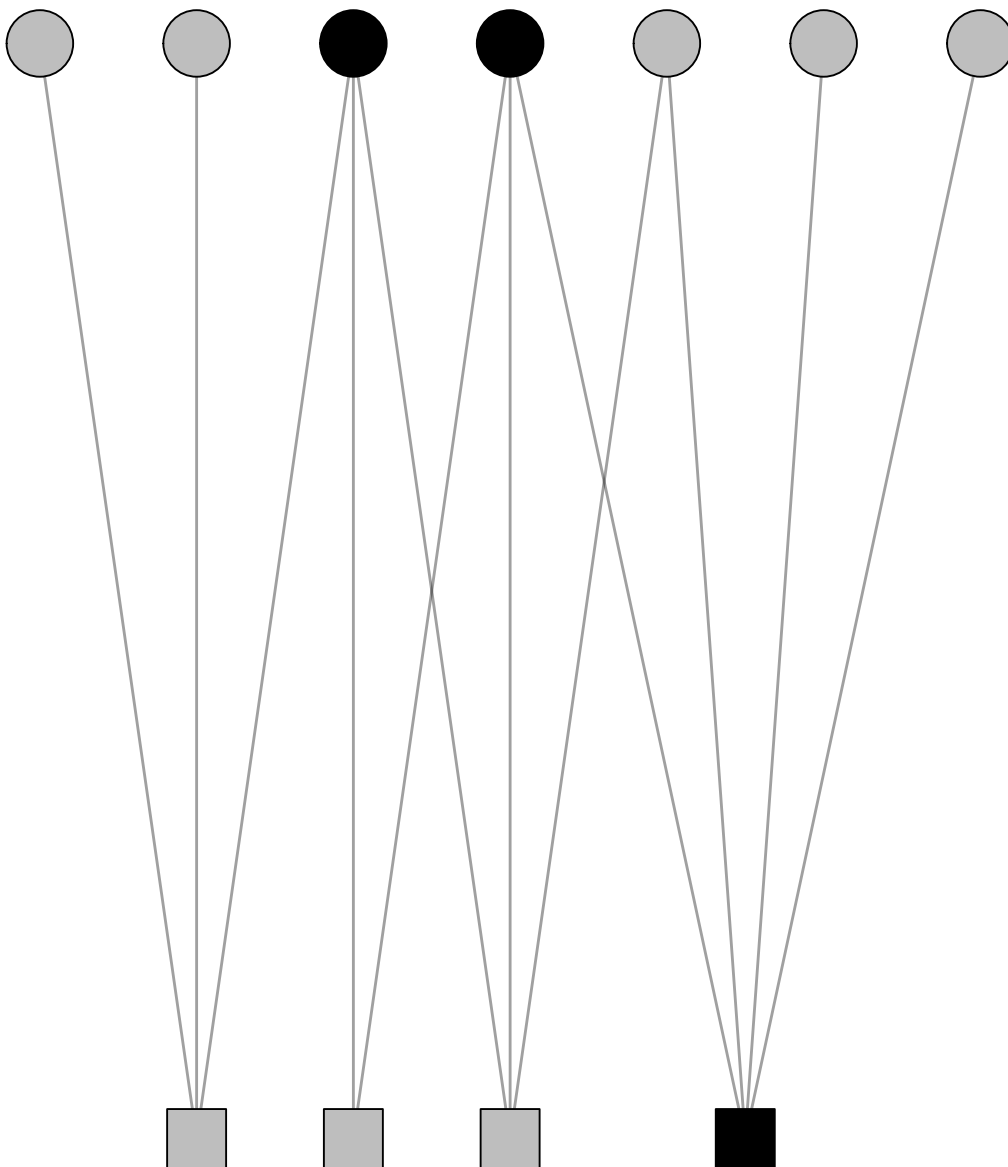












color



FALSE



TRUE

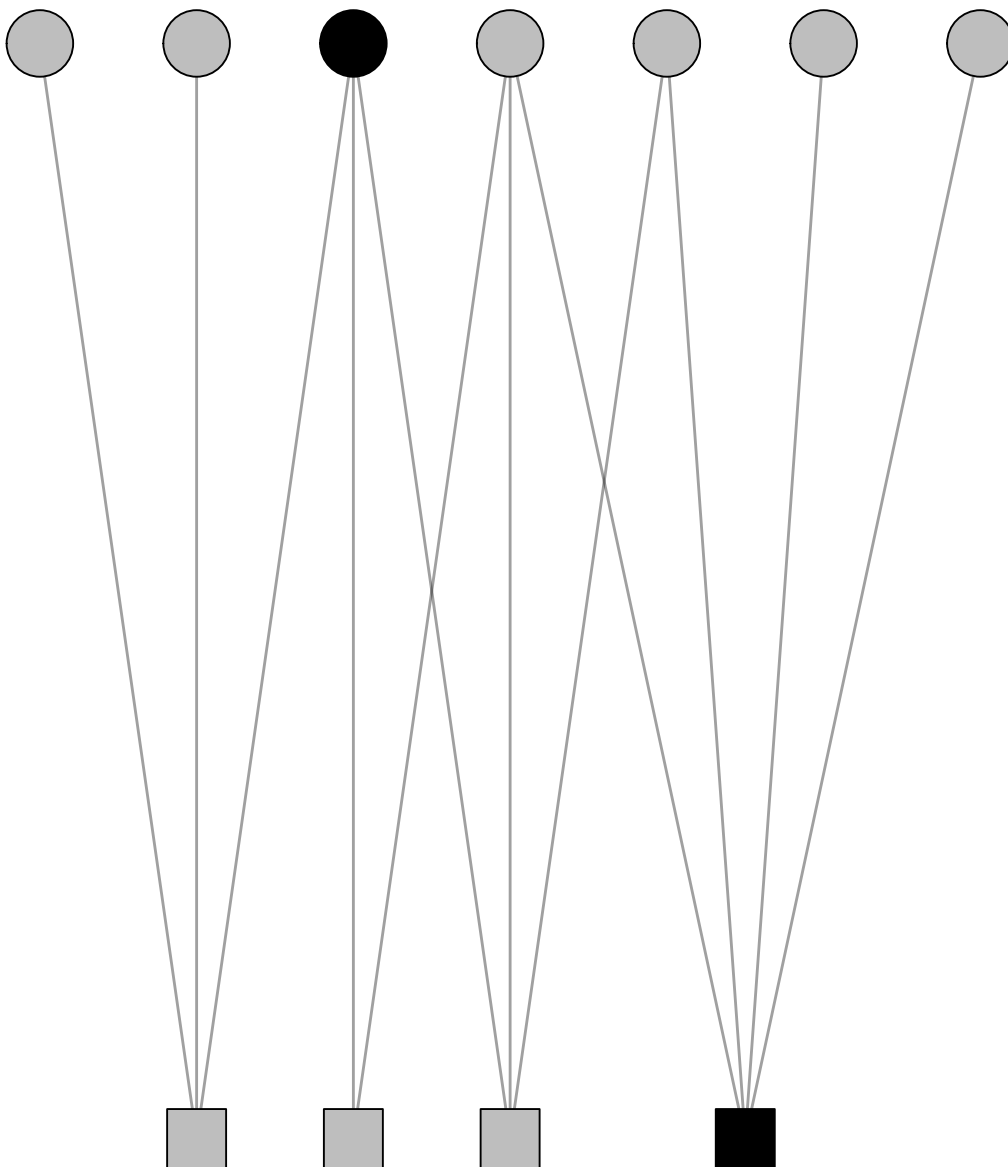
Mode



One



Two



color



FALSE



TRUE

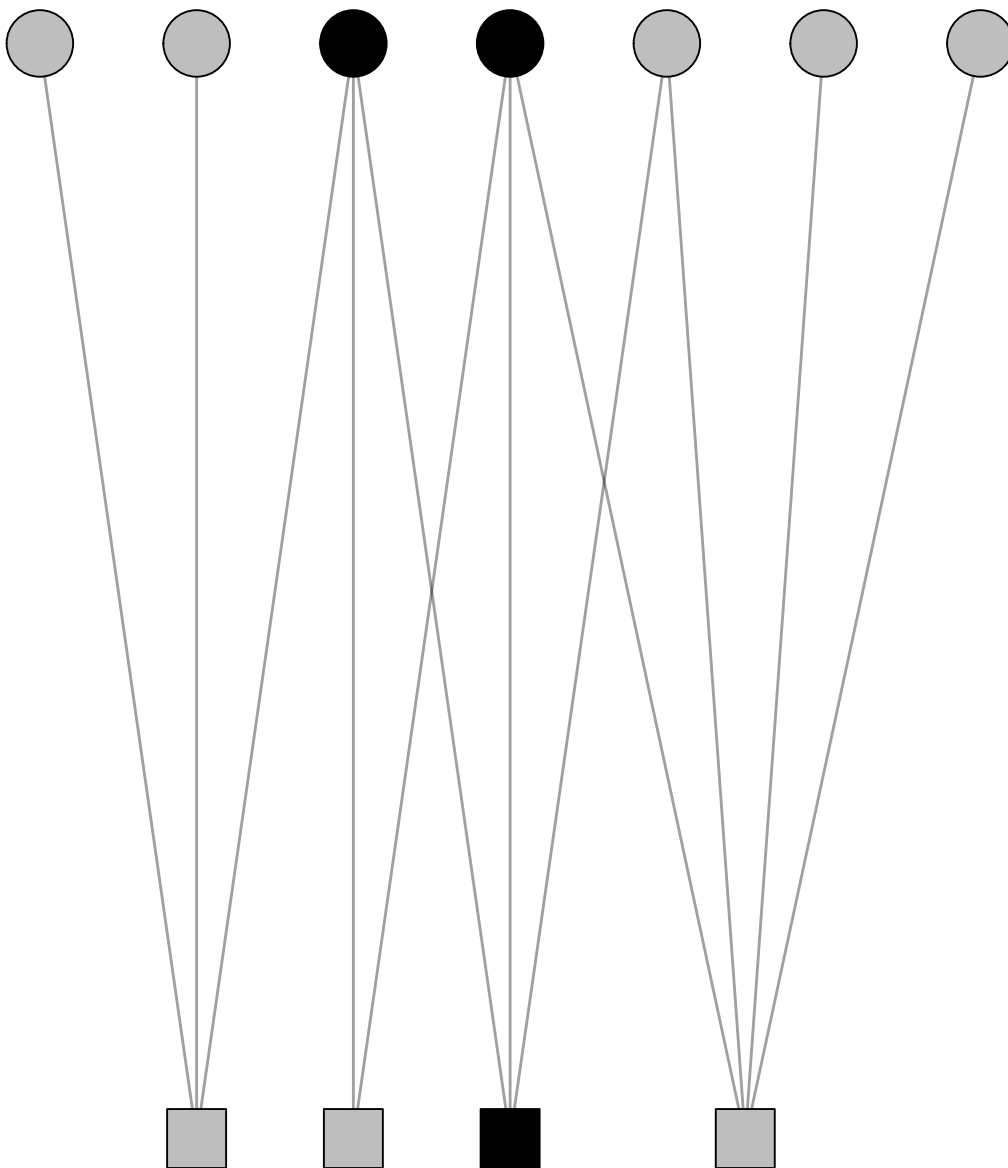
Mode



One



Two



color



FALSE



TRUE

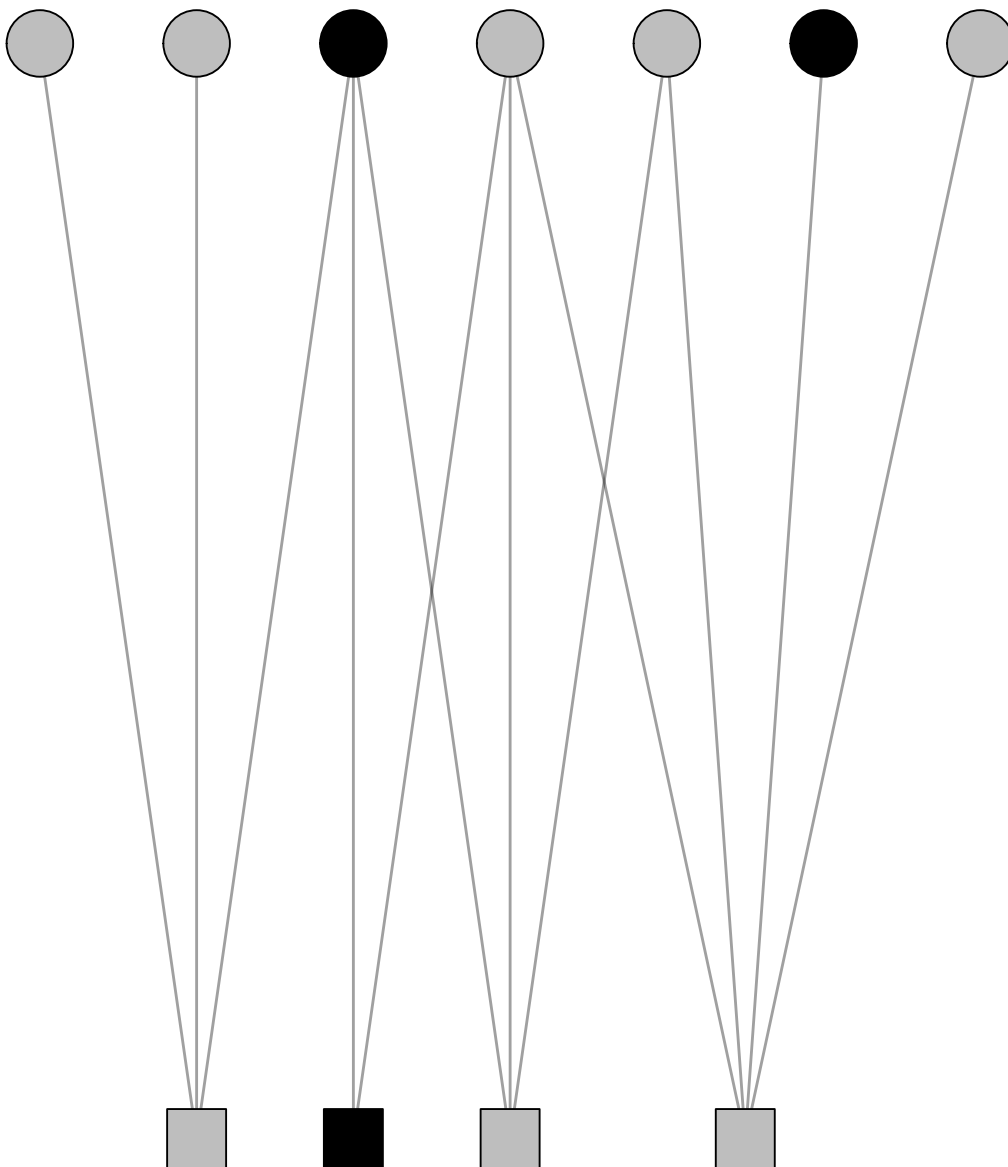
Mode



One



Two



color



FALSE



TRUE

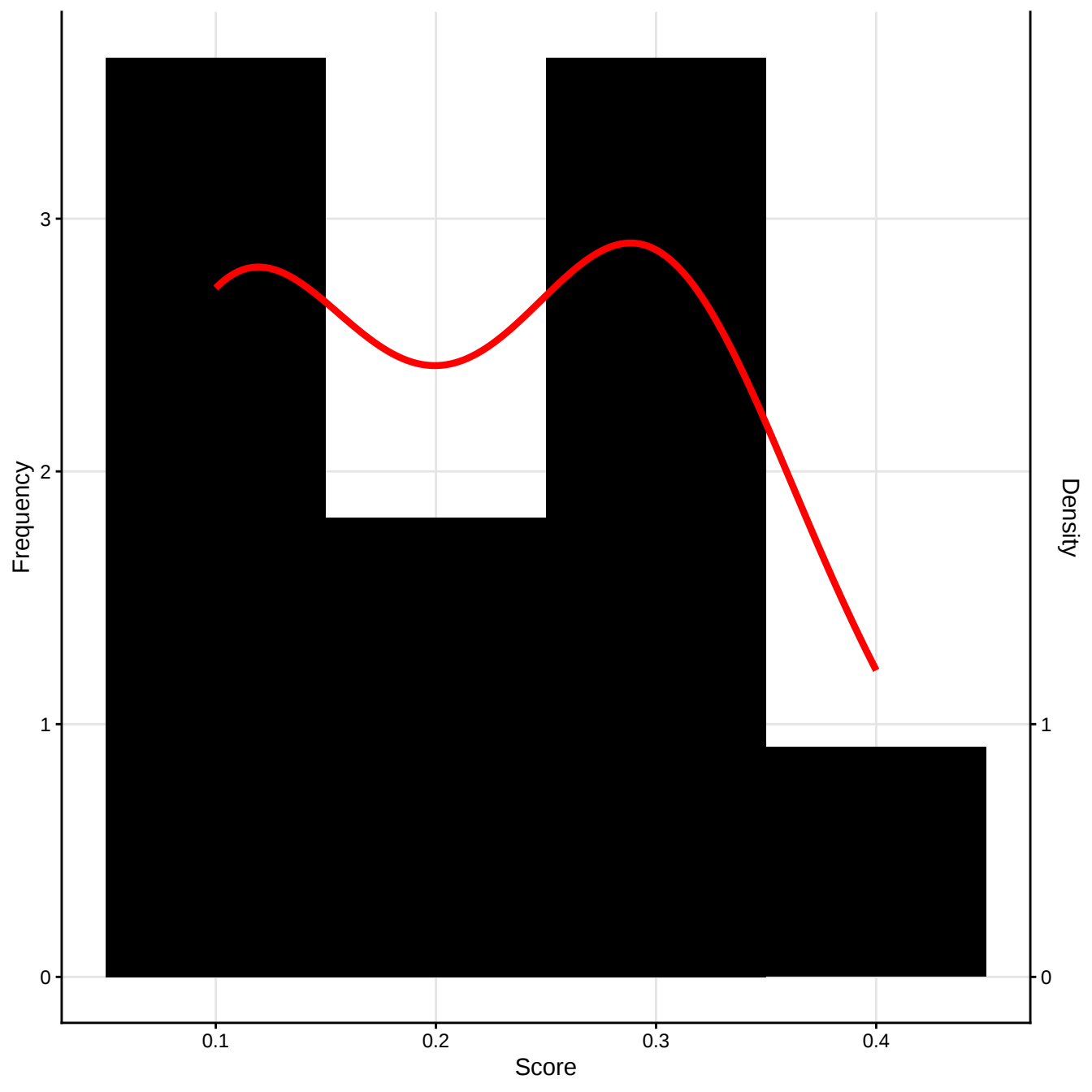
Mode

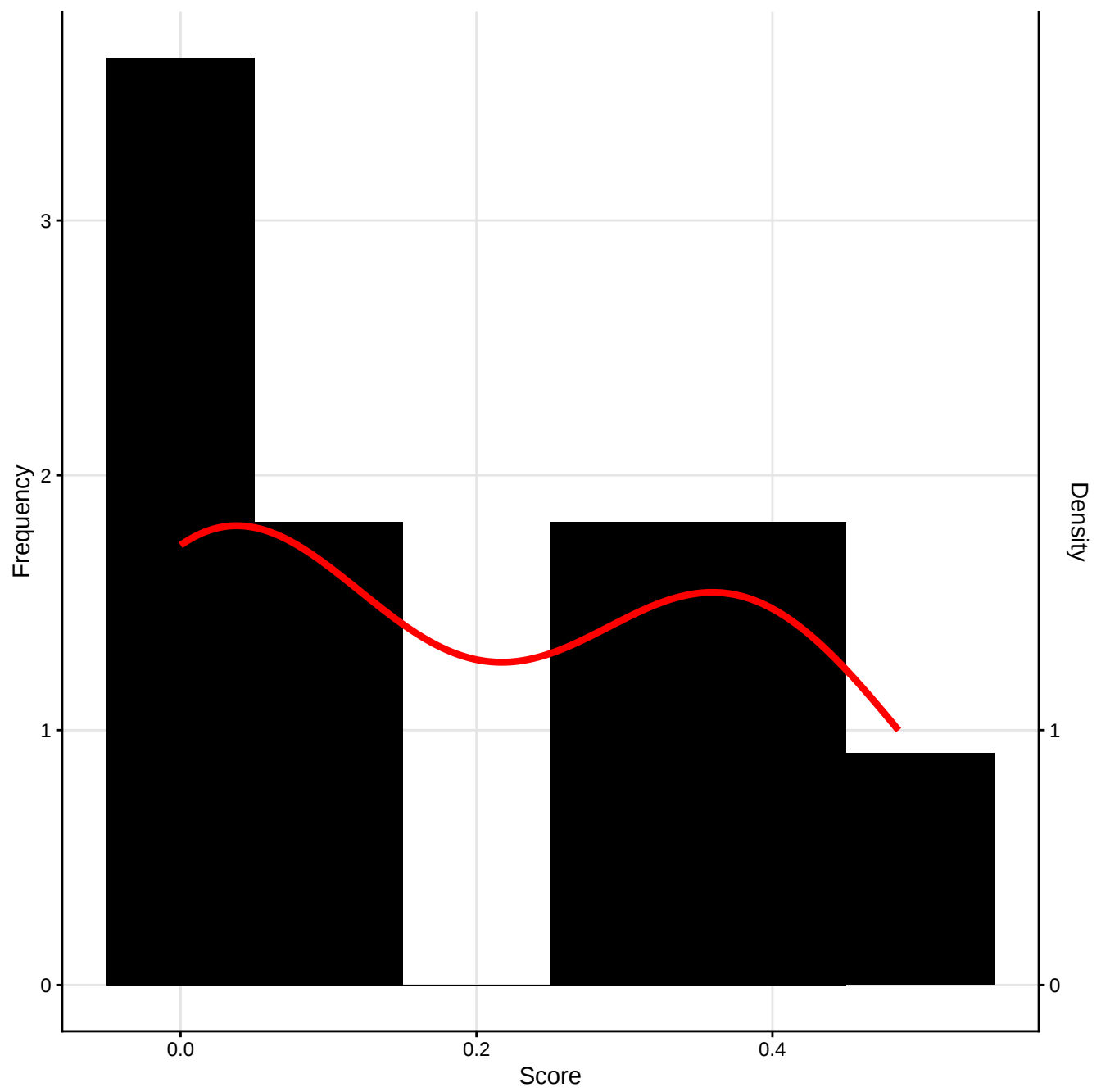


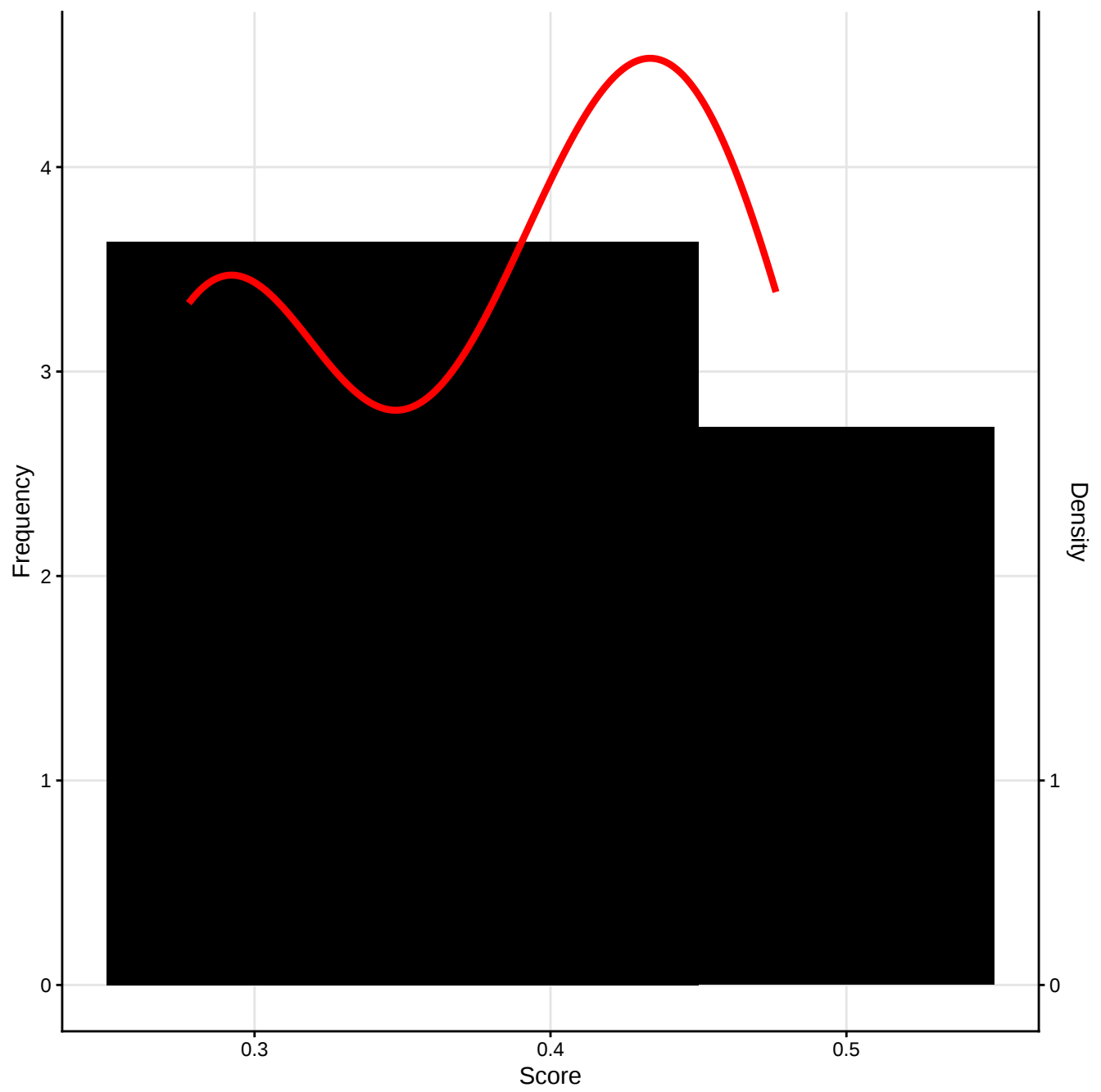
One

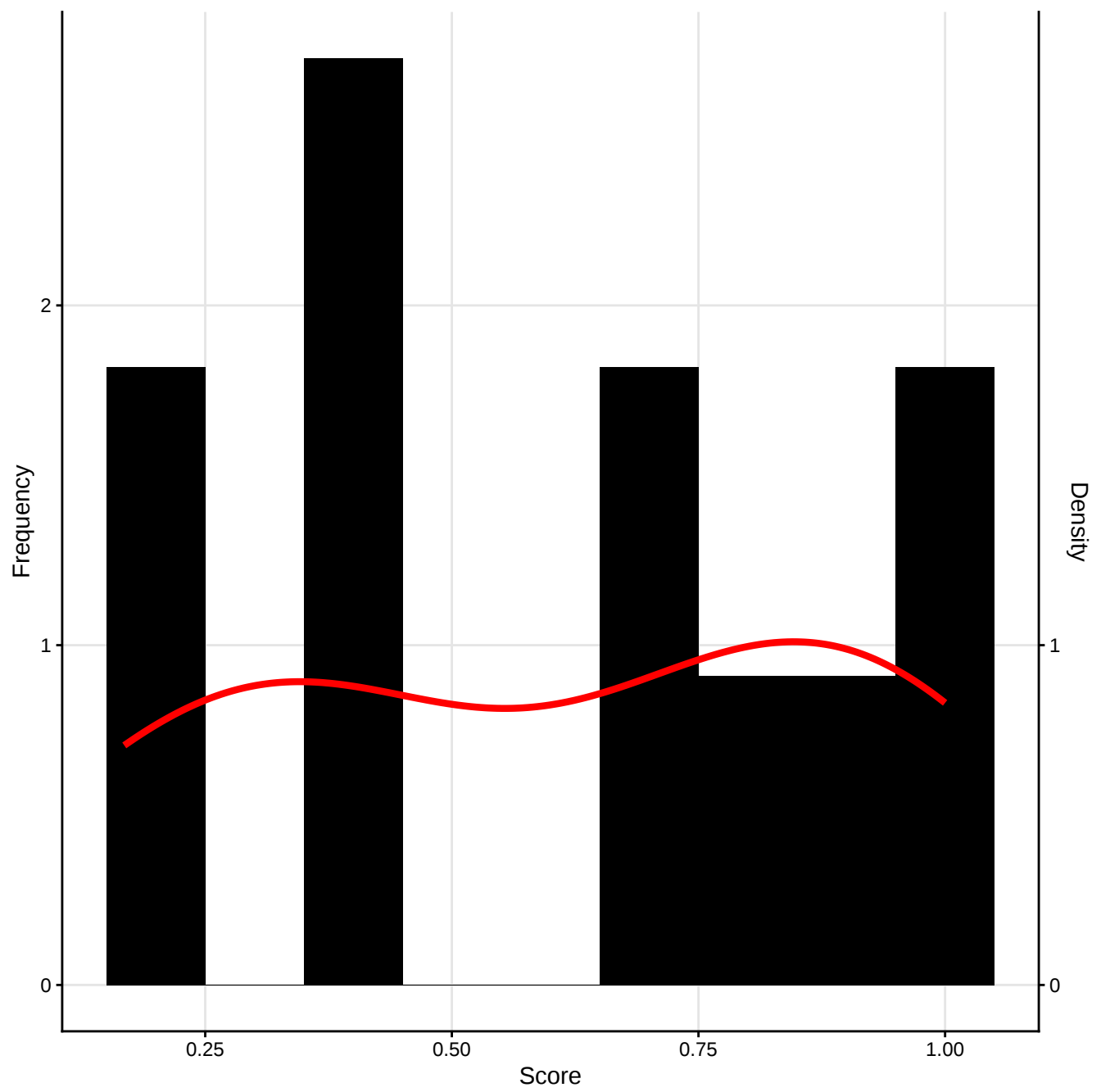


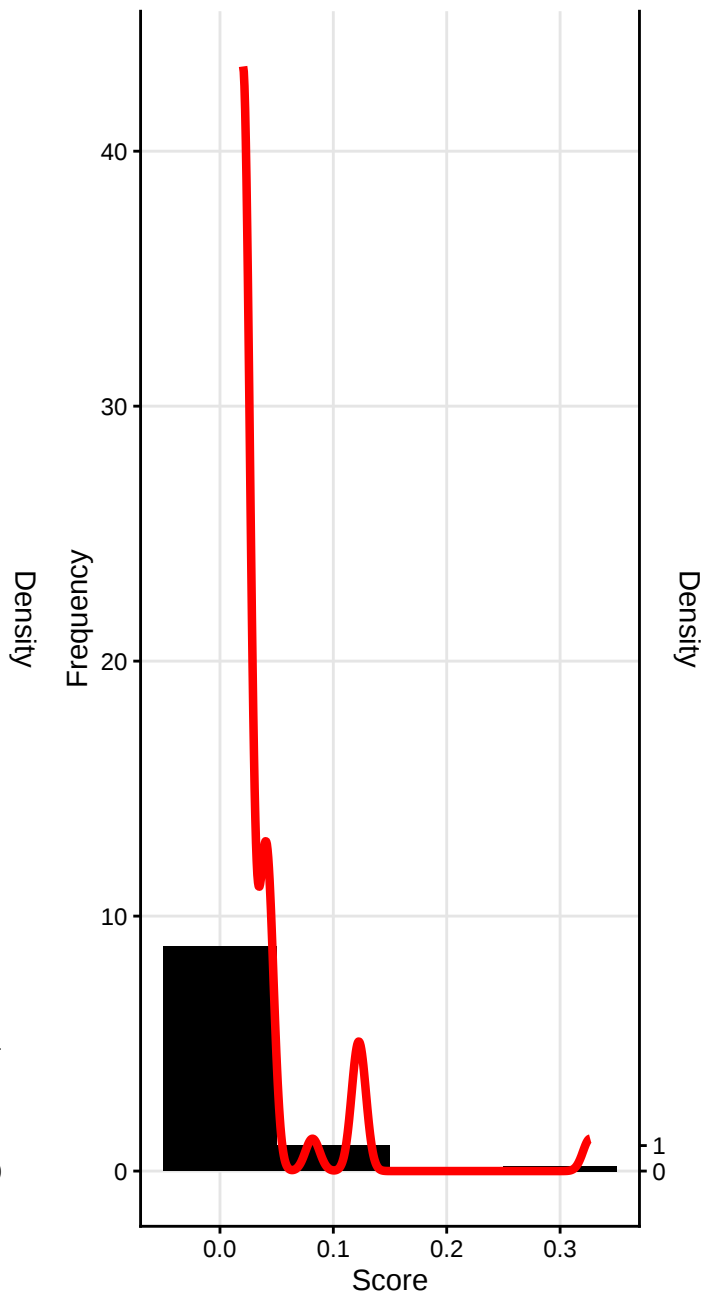
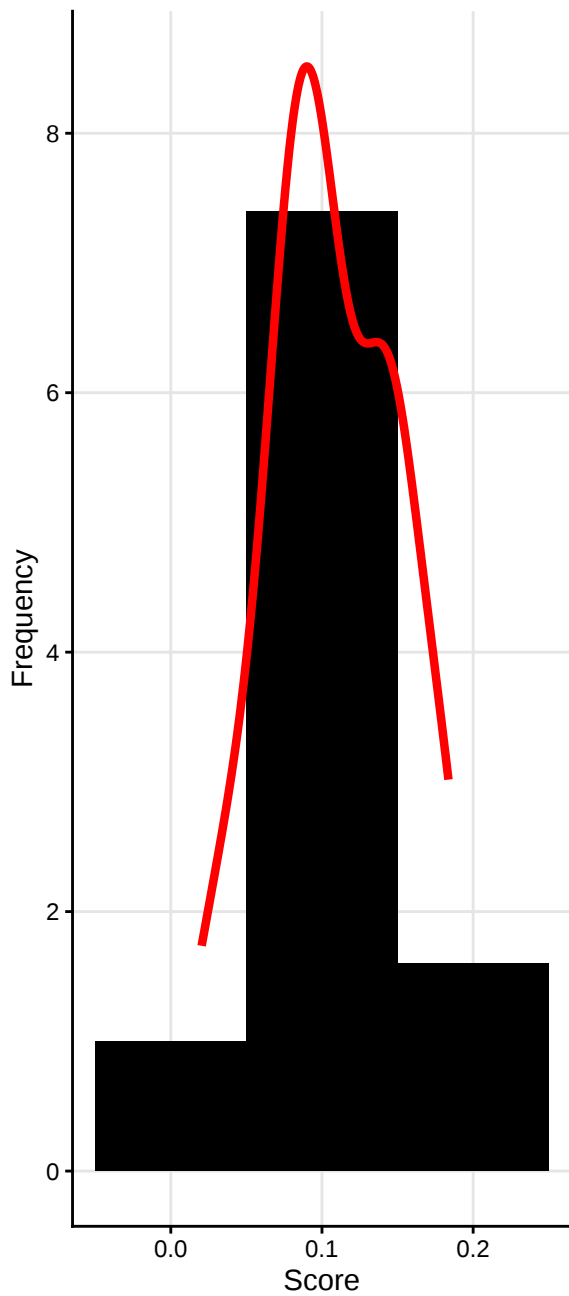
Two

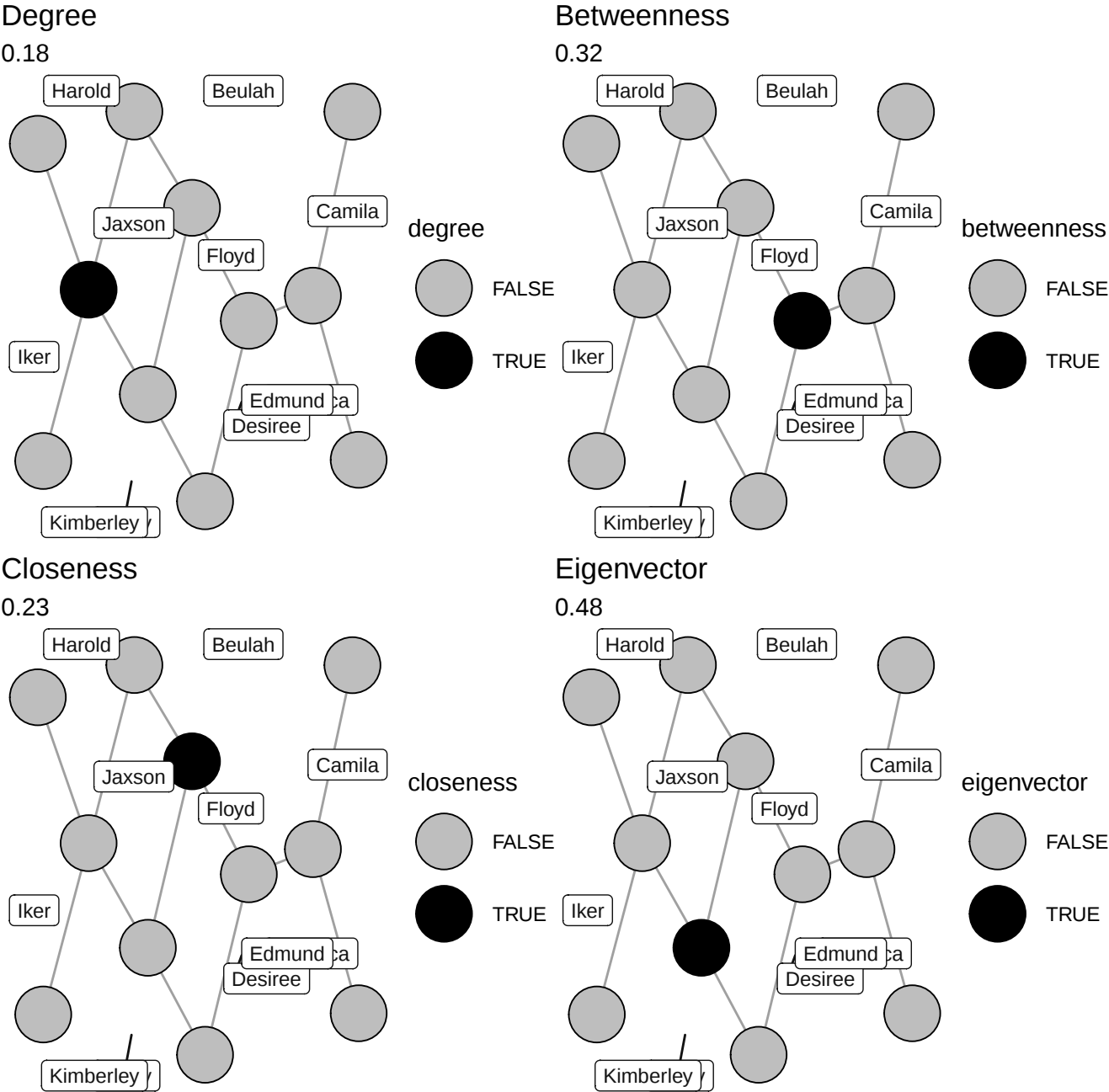


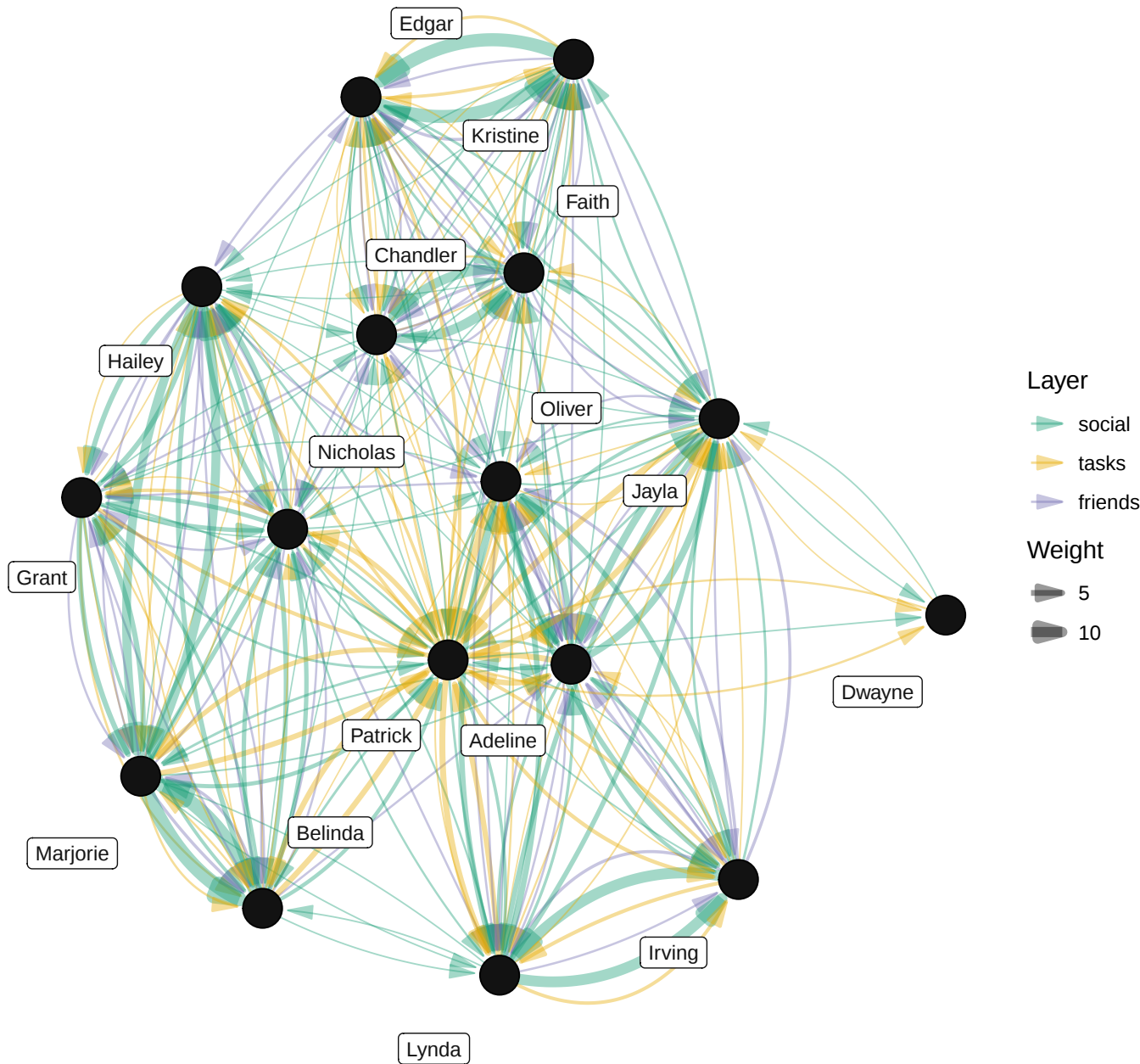




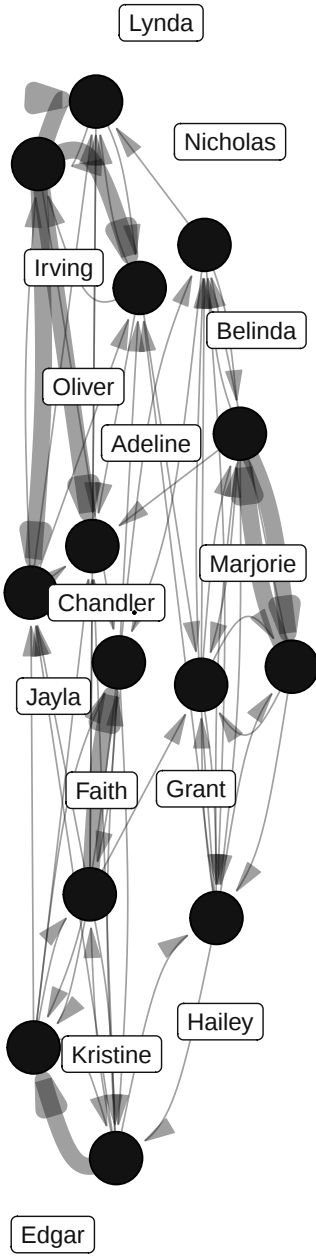




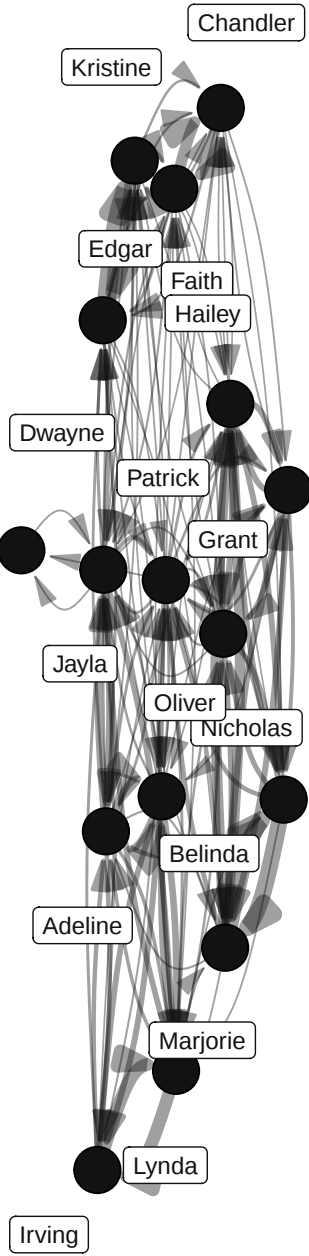




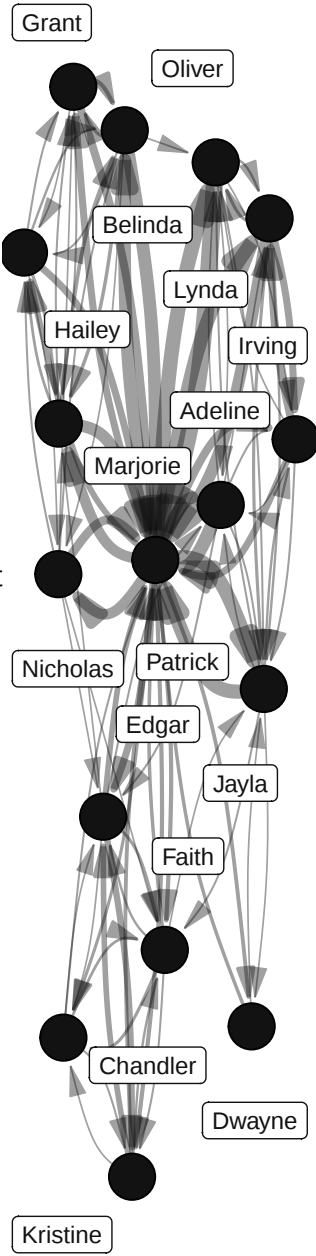
Friendship

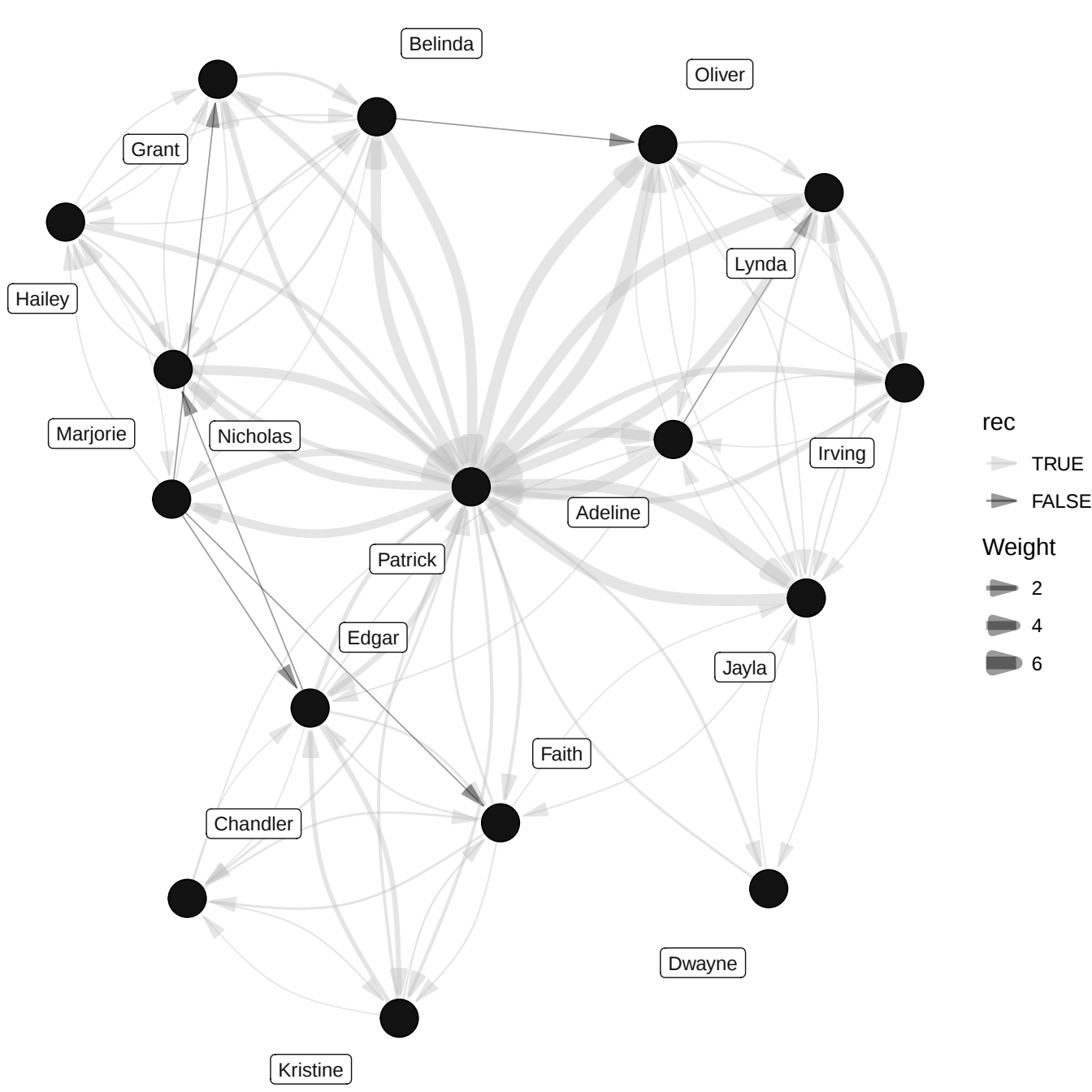


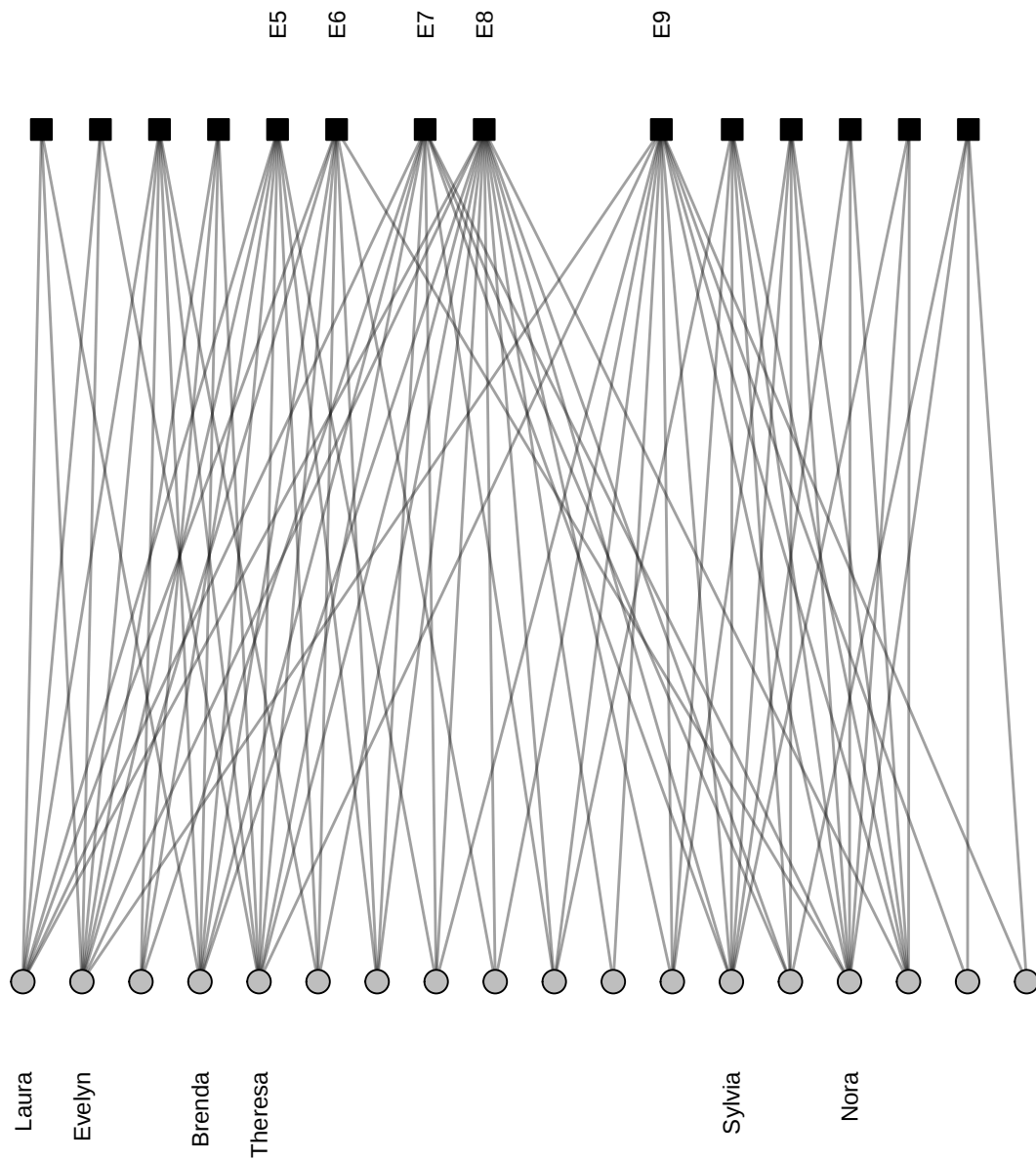
Social



Task





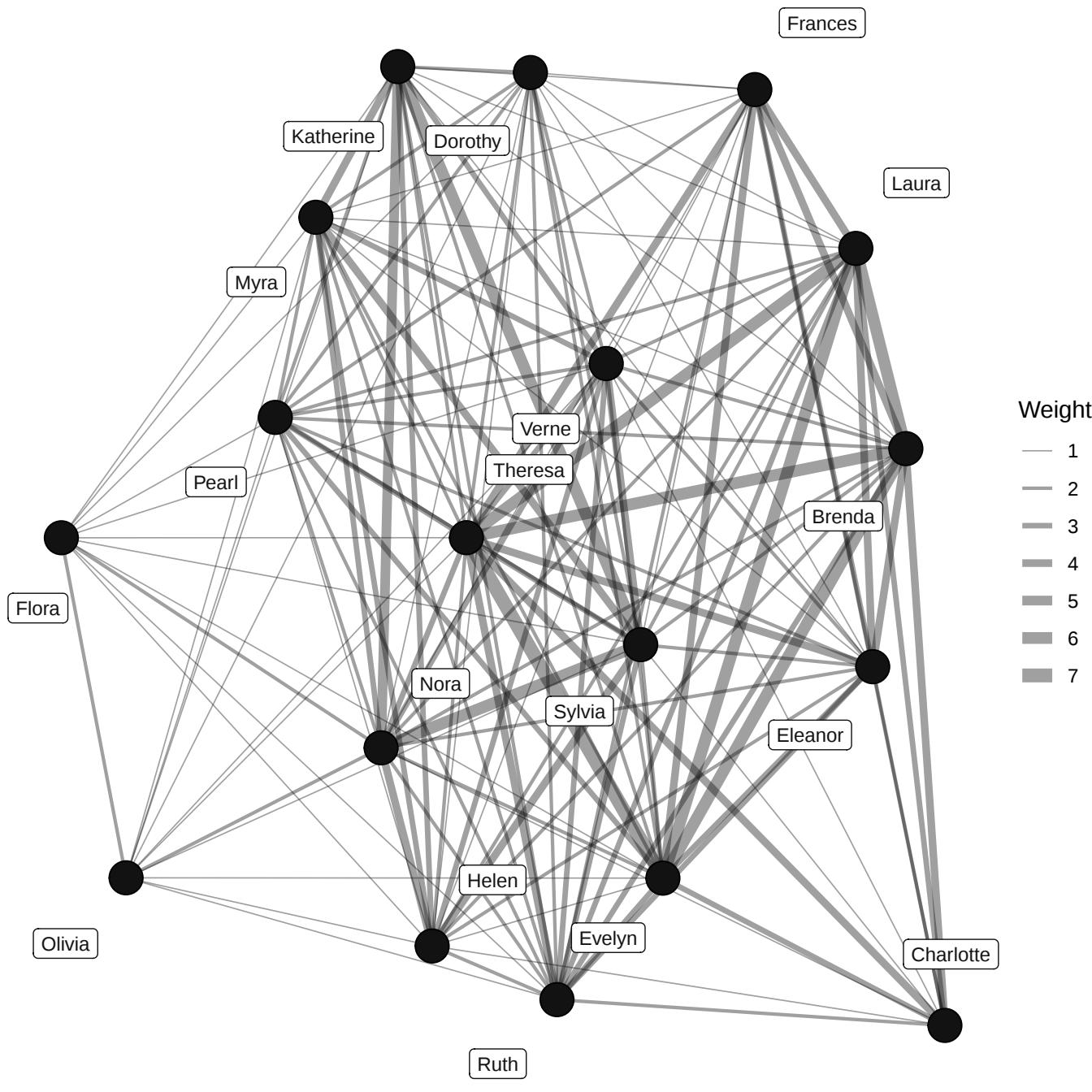


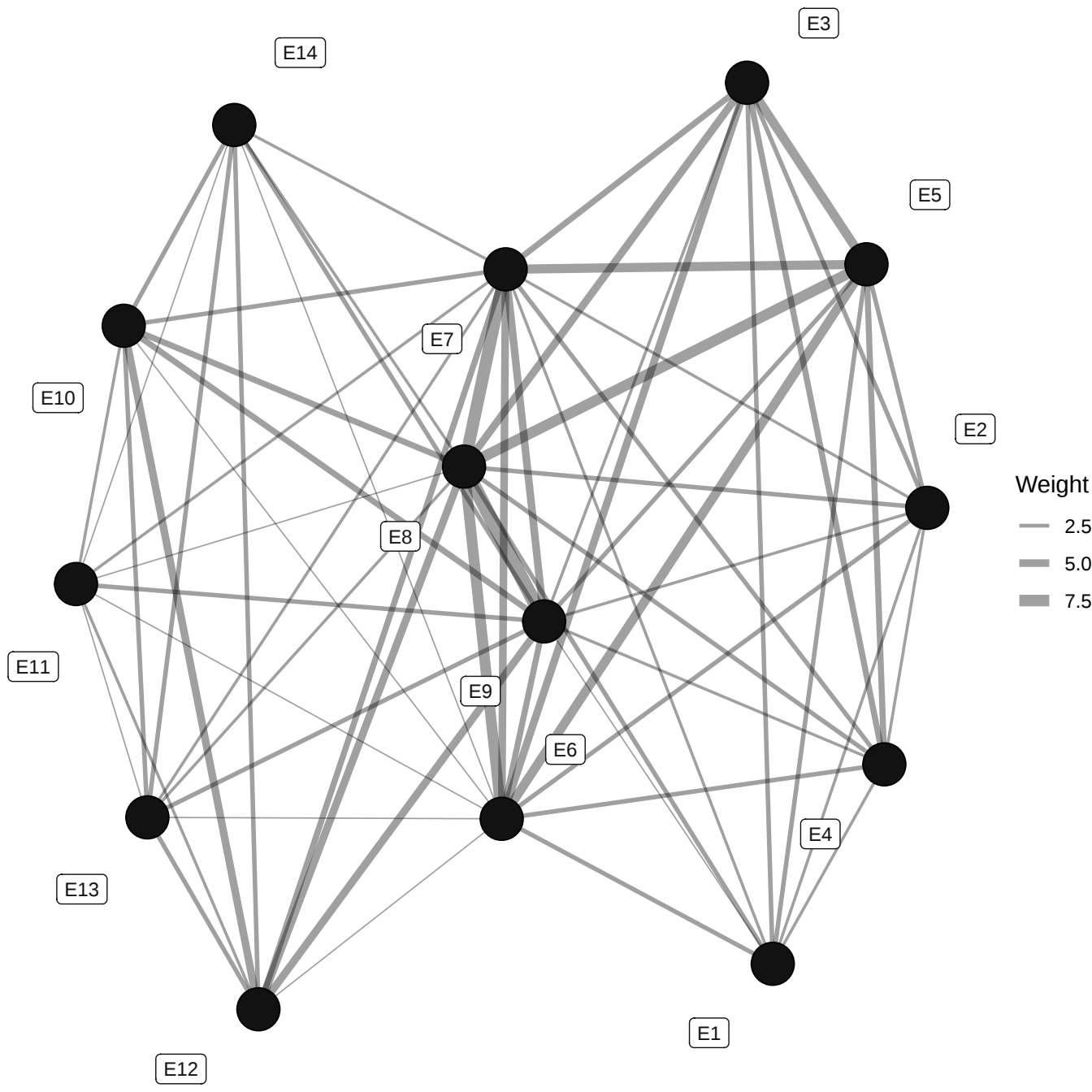
type

- FALSE
- TRUE

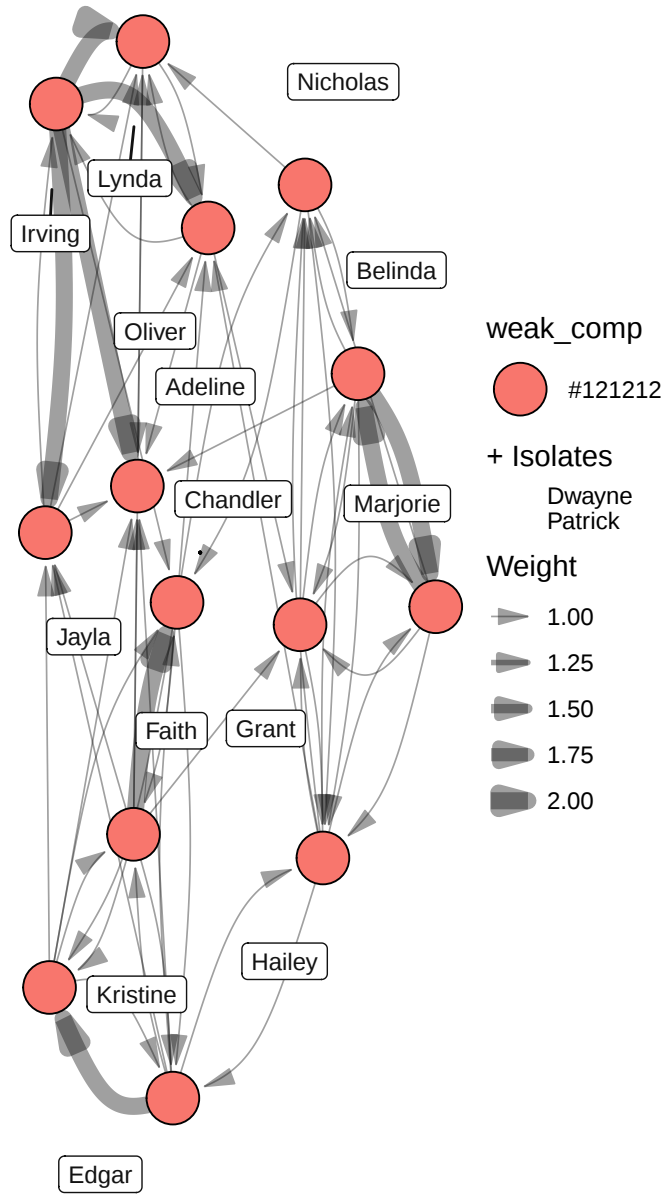
Mode

- women
- social events

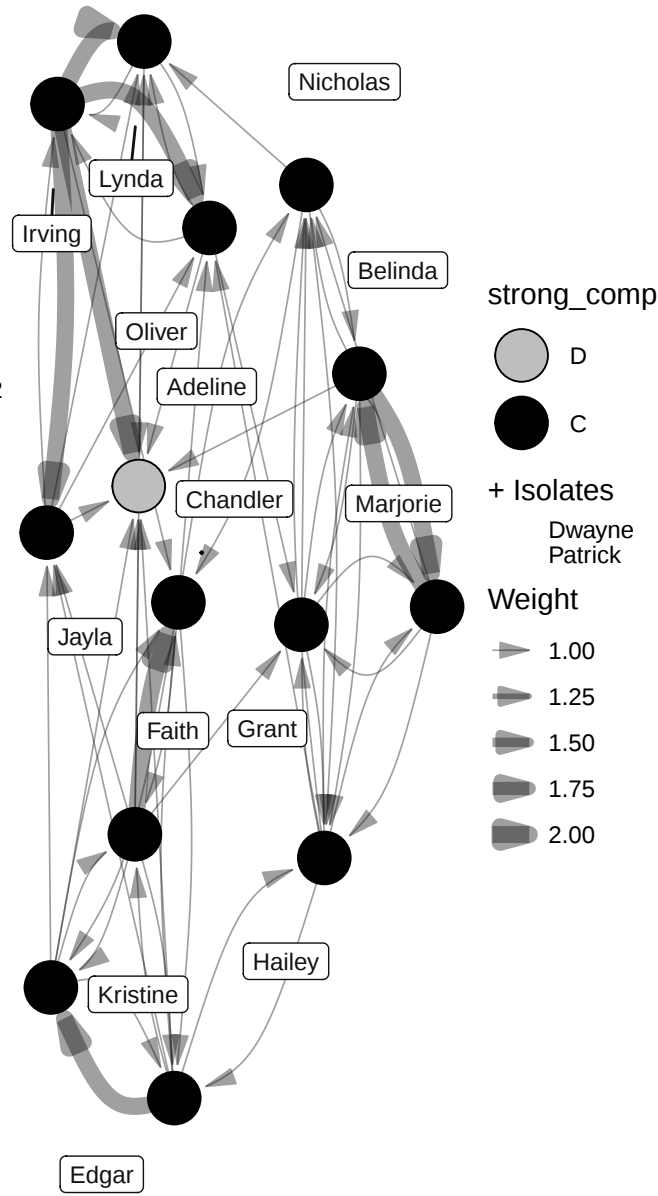


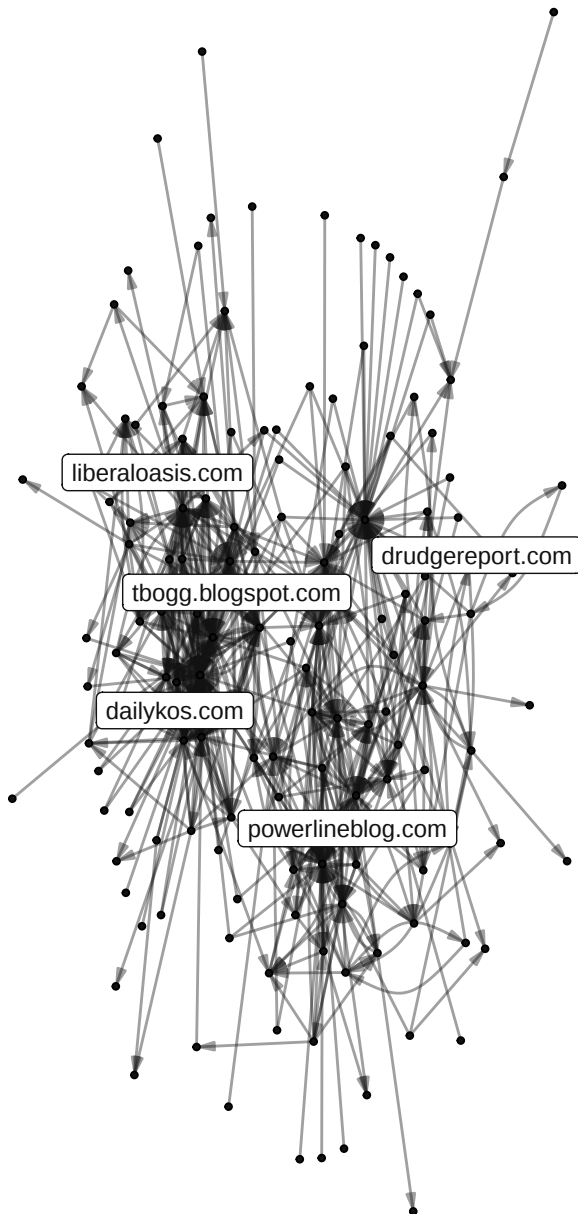


Weak components



Strong components

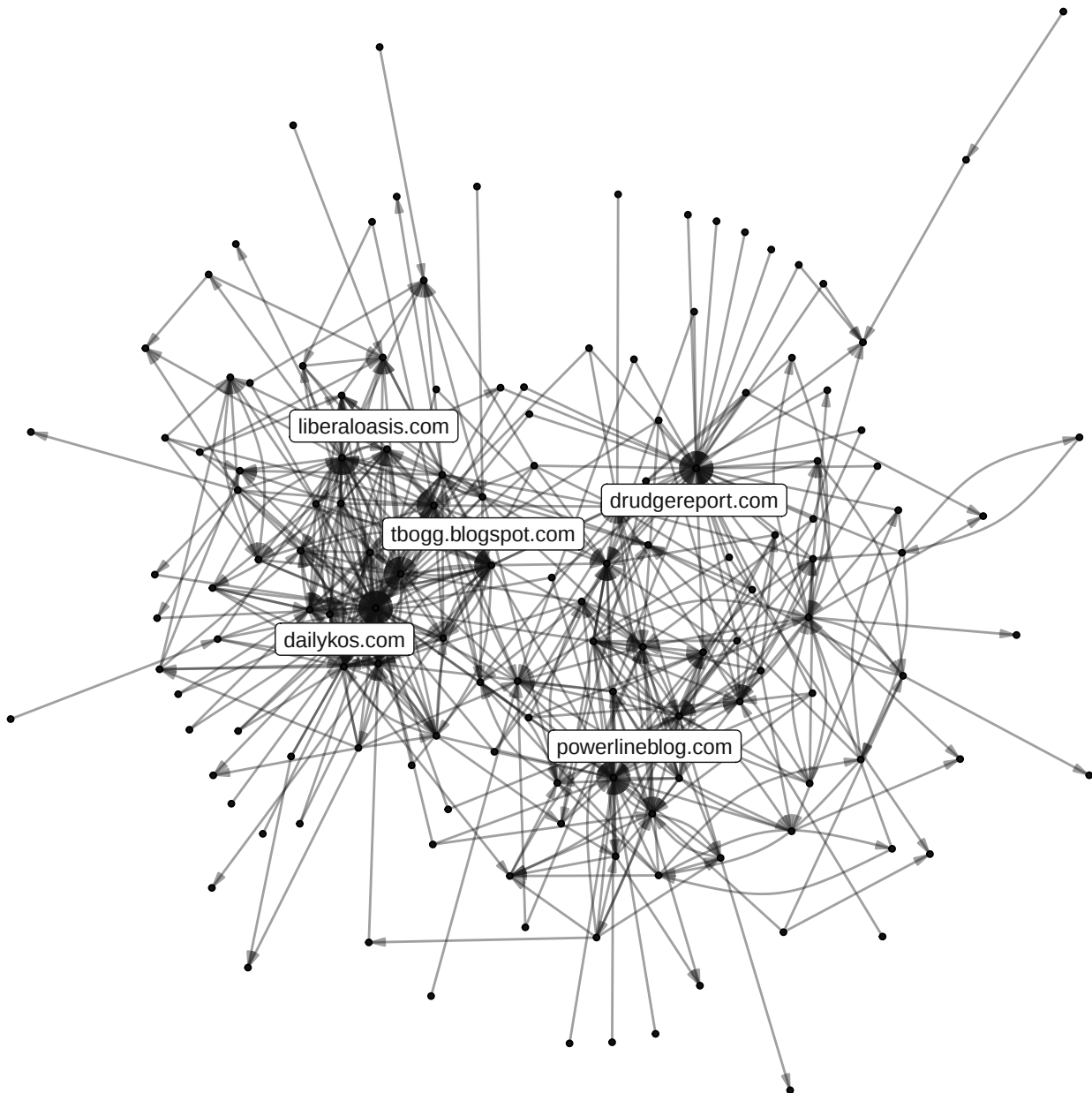


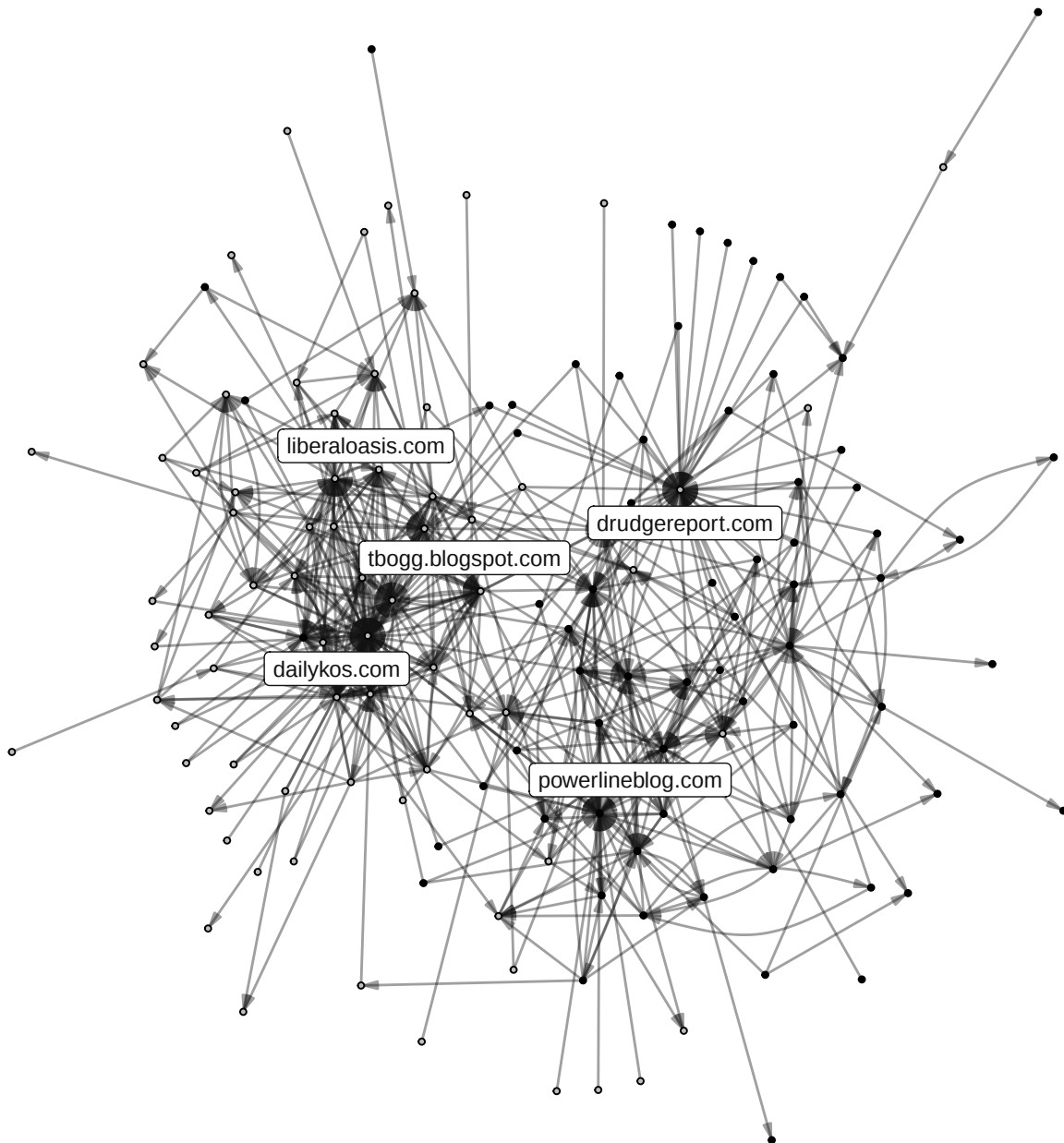


+ Isolates

anywhichway.net
asiegeoftherons.blogspot.com
askhoudari.blogspot.com
...

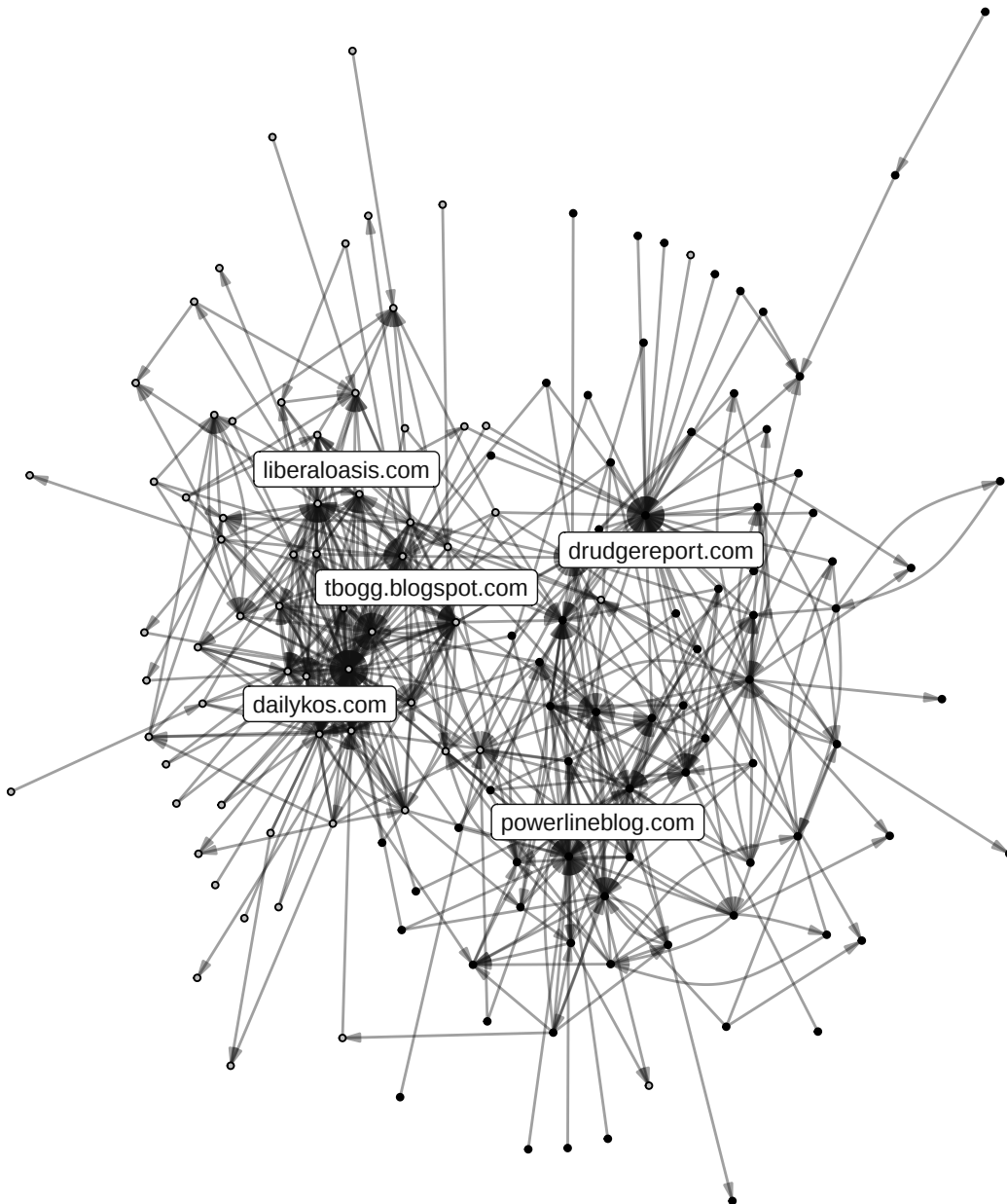






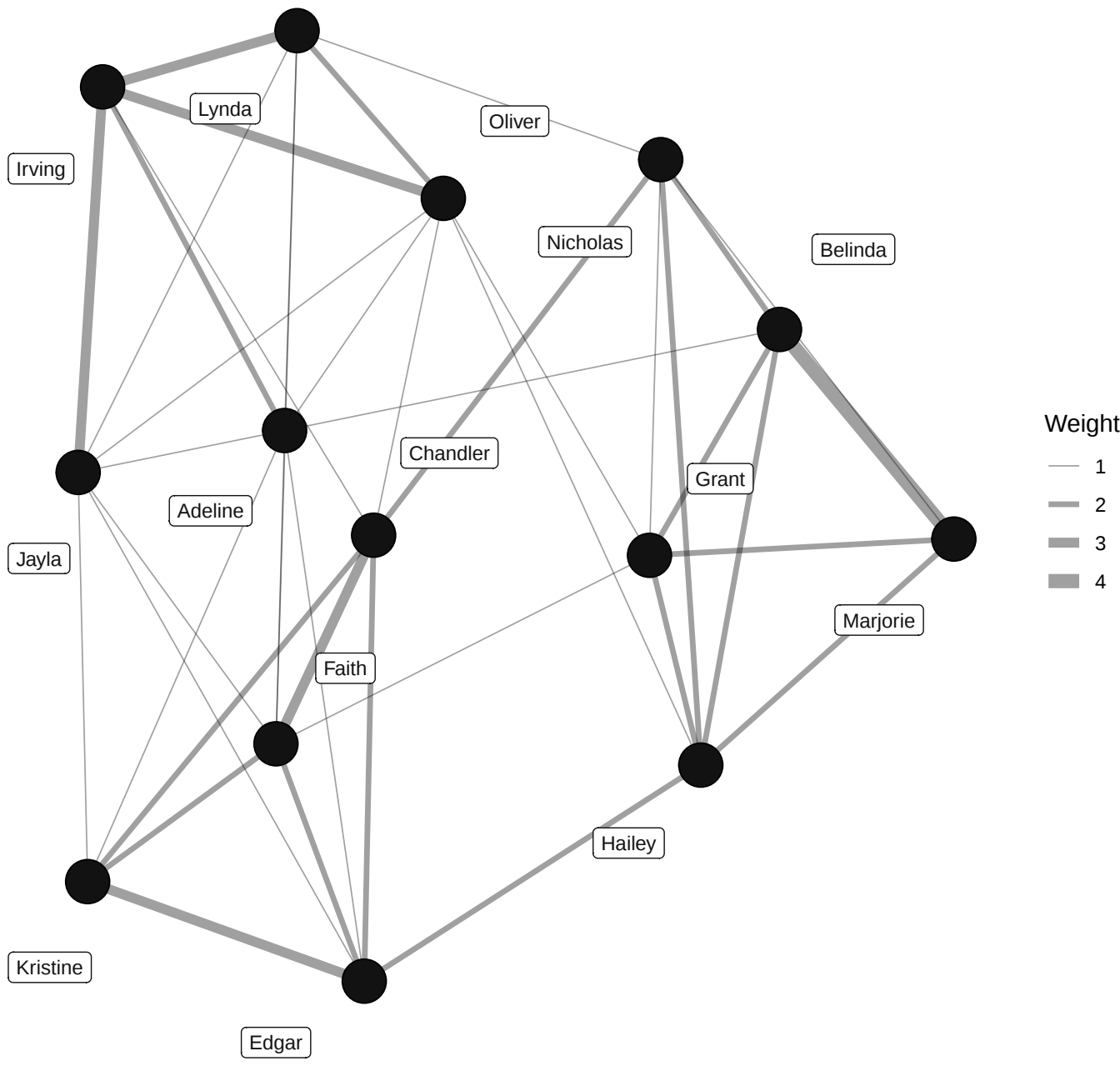
part

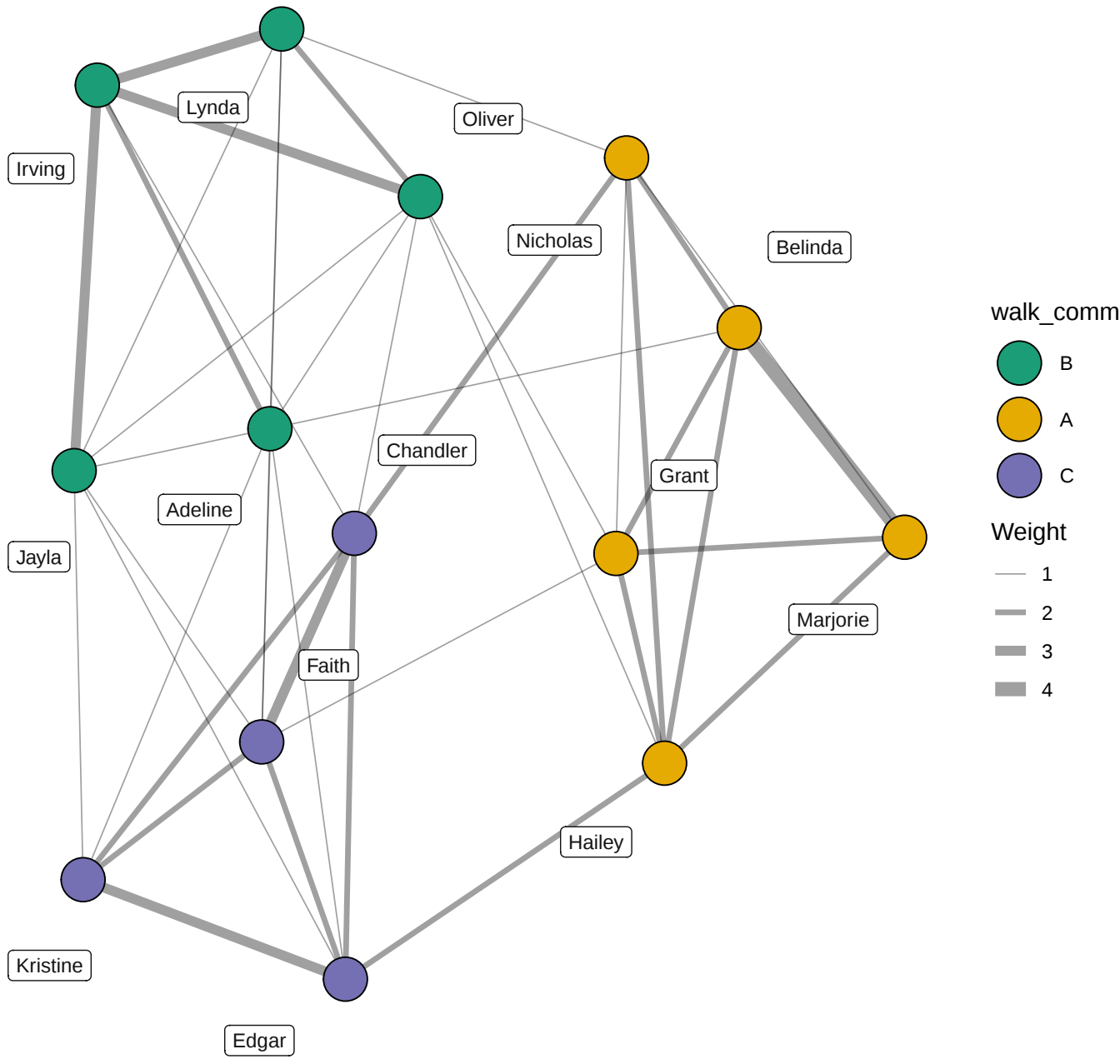
- A
- B

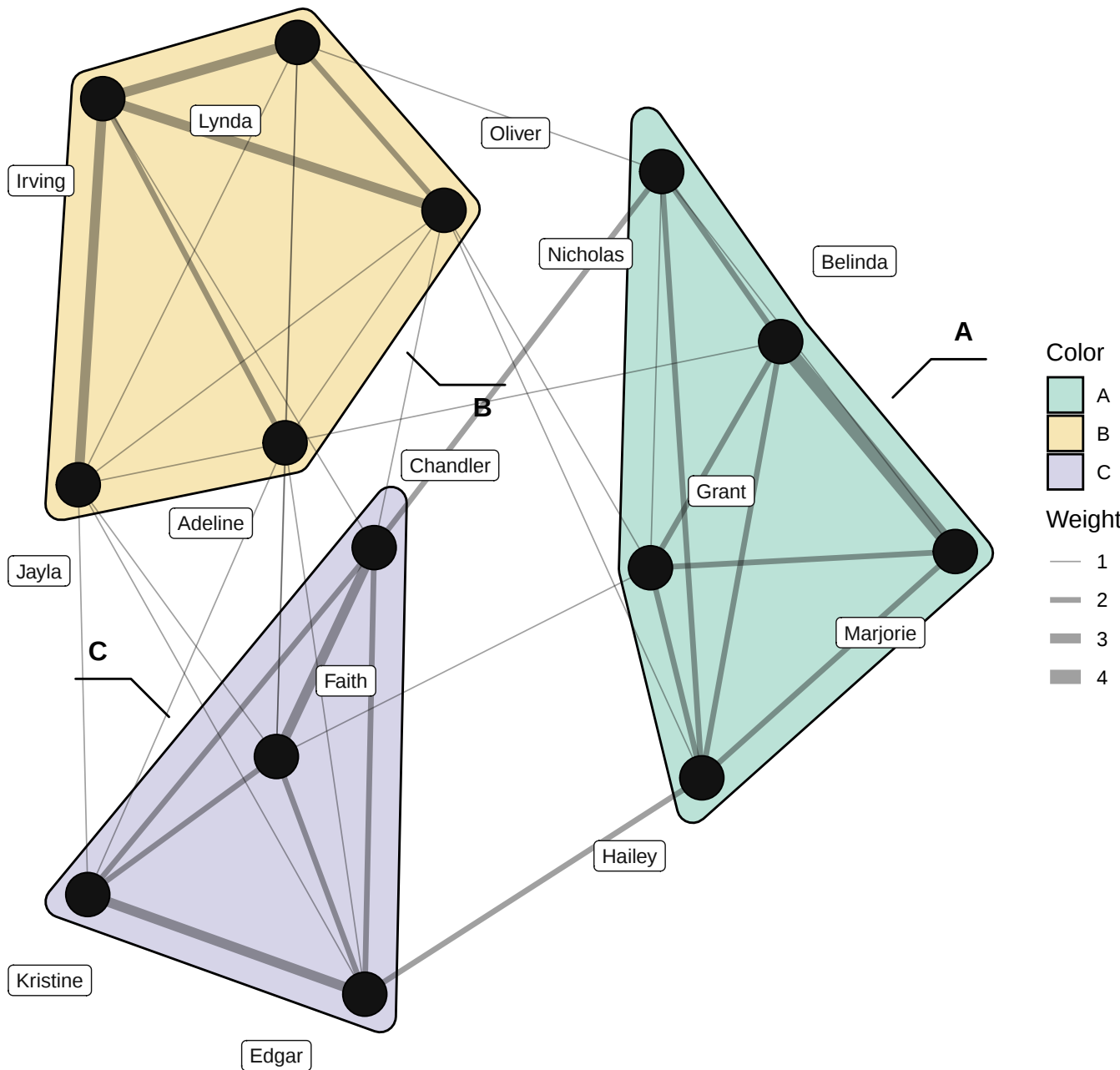


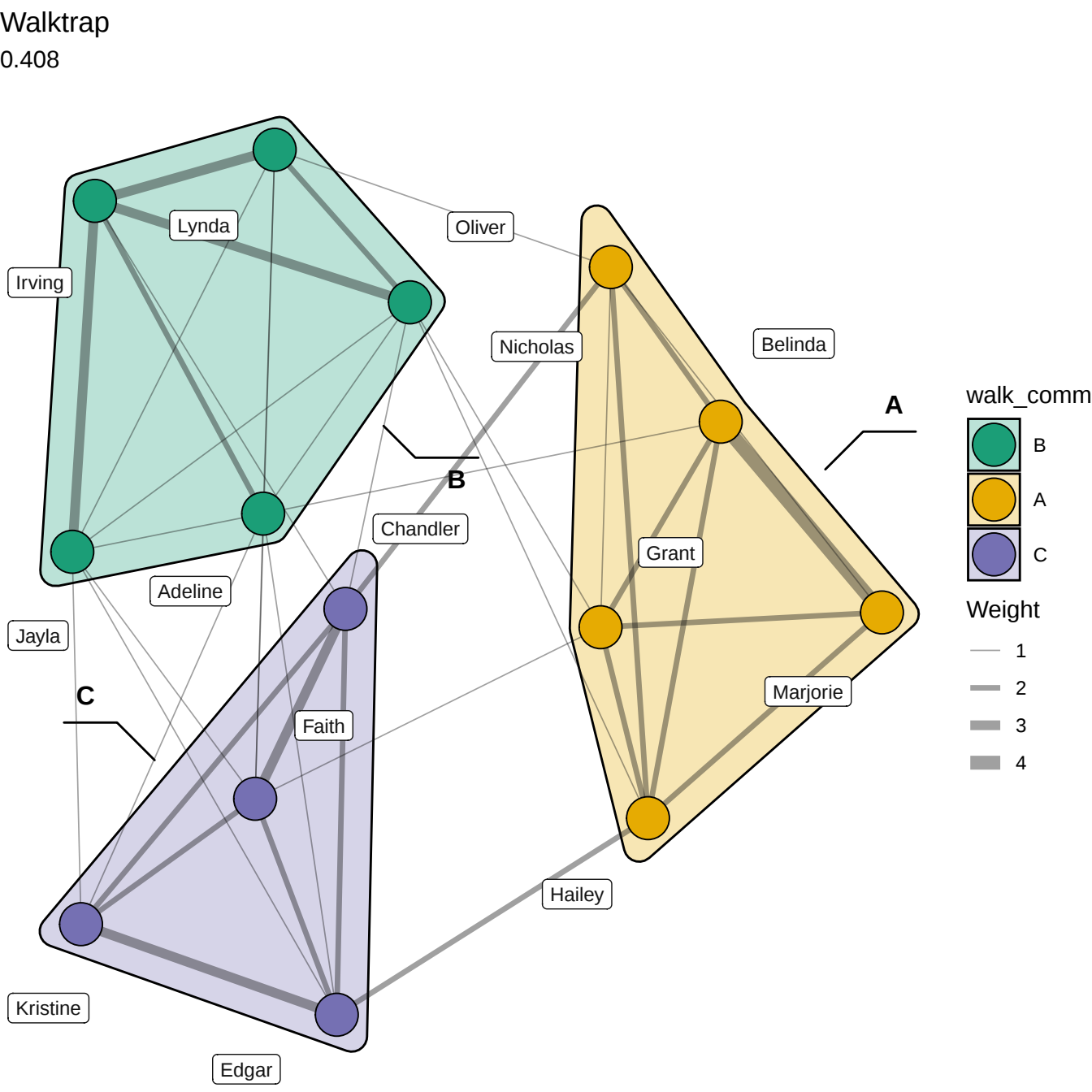
Leaning

- Liberal
- Conservative



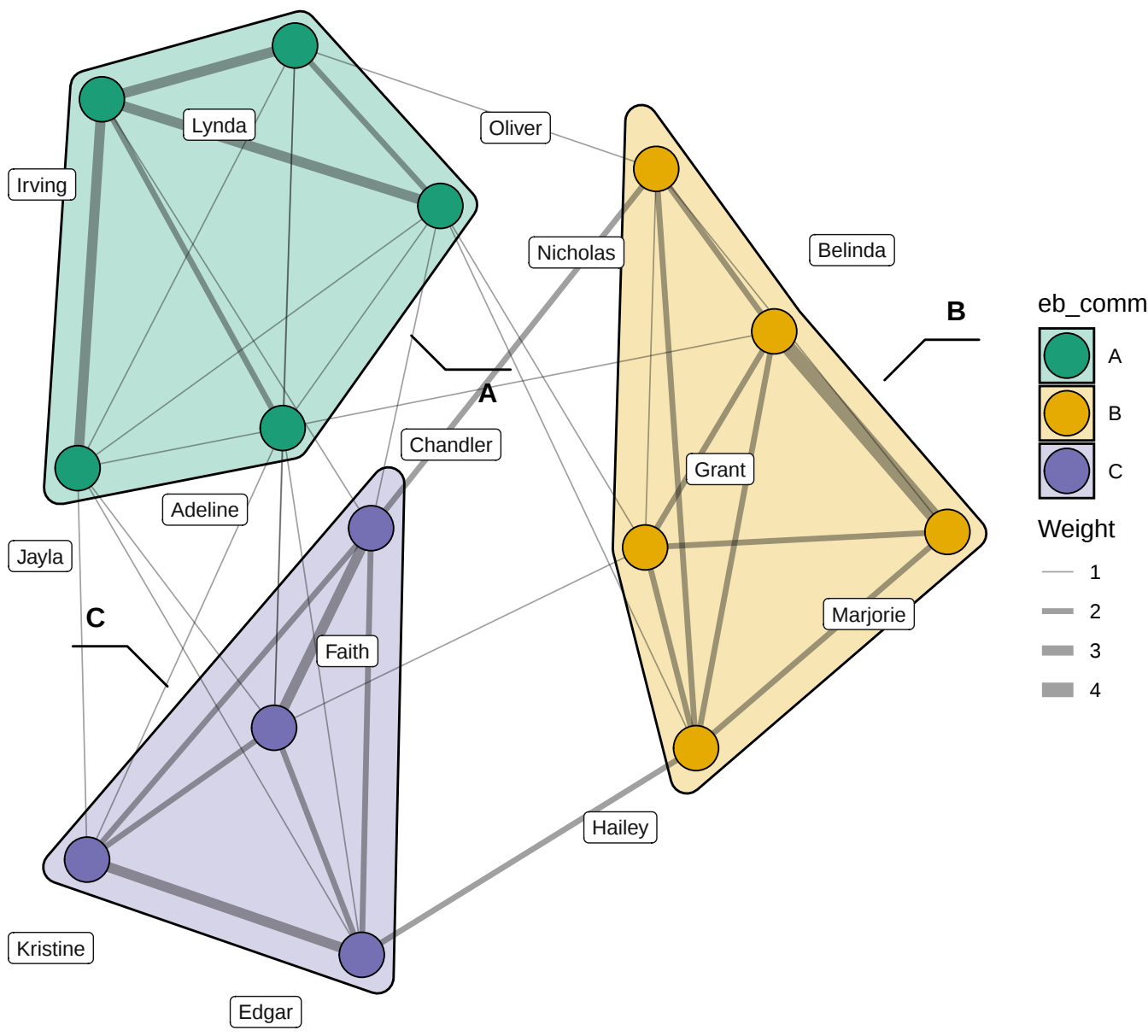






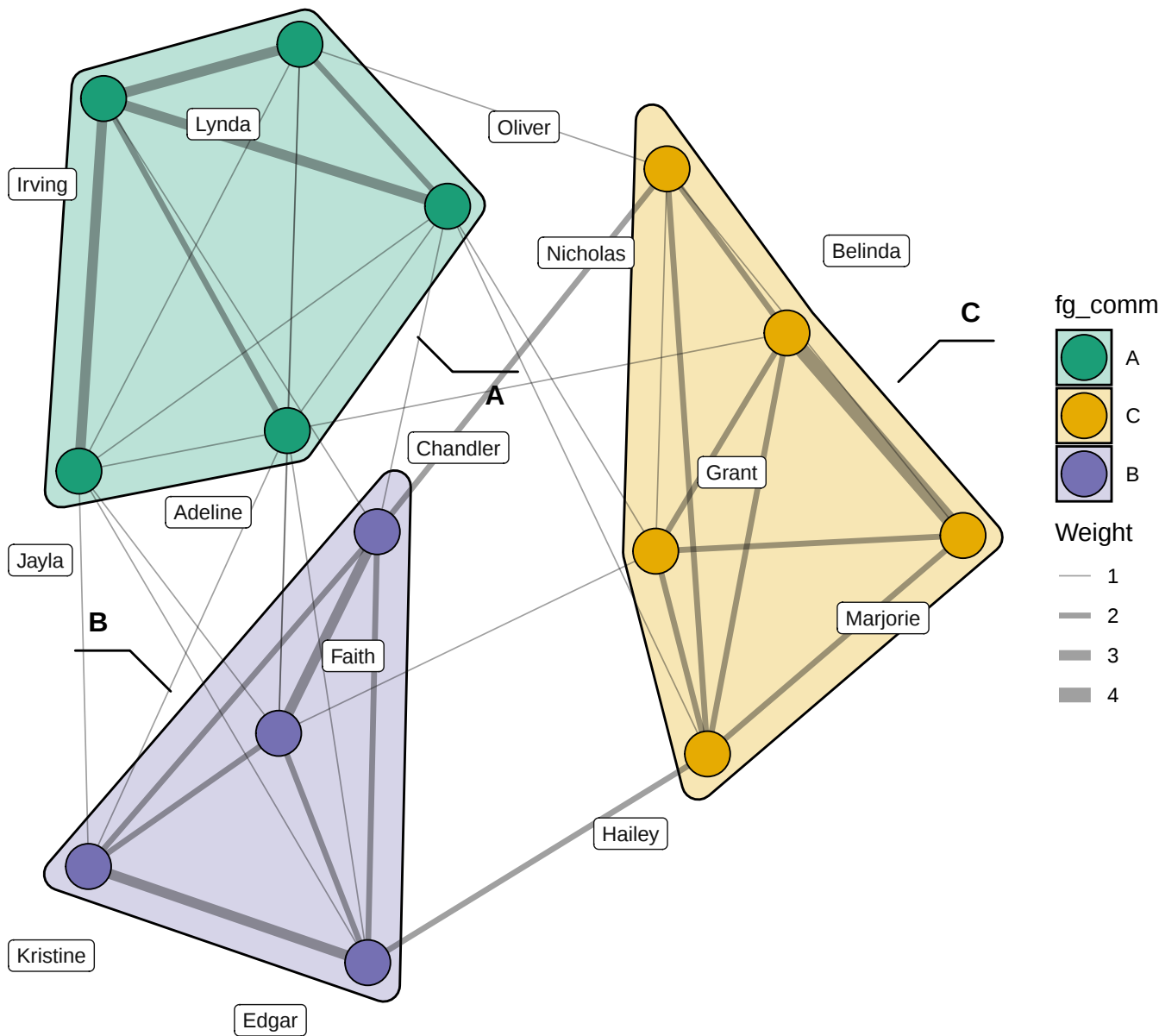
Edge-betweenness

0.408

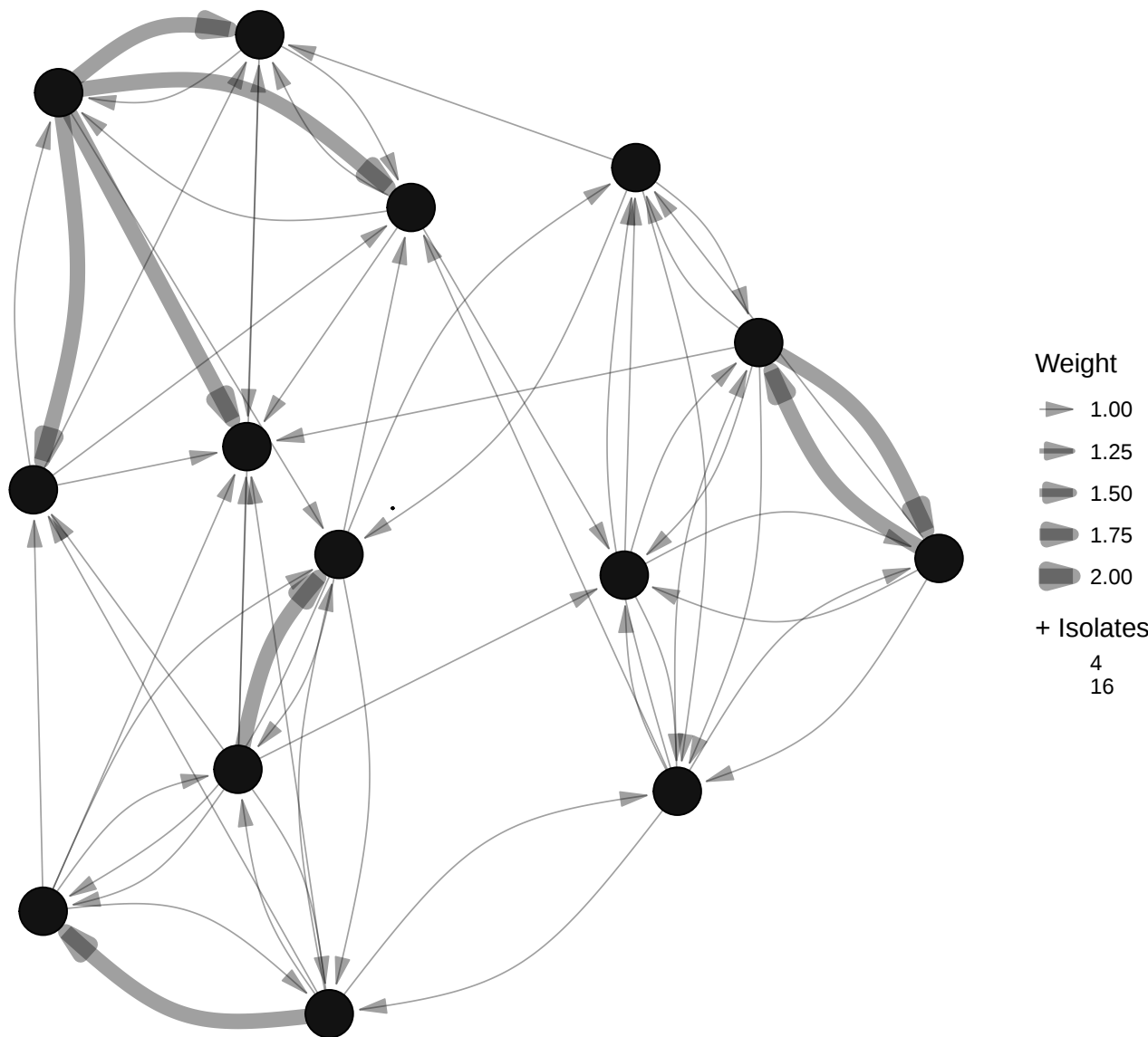


Fast-greedy

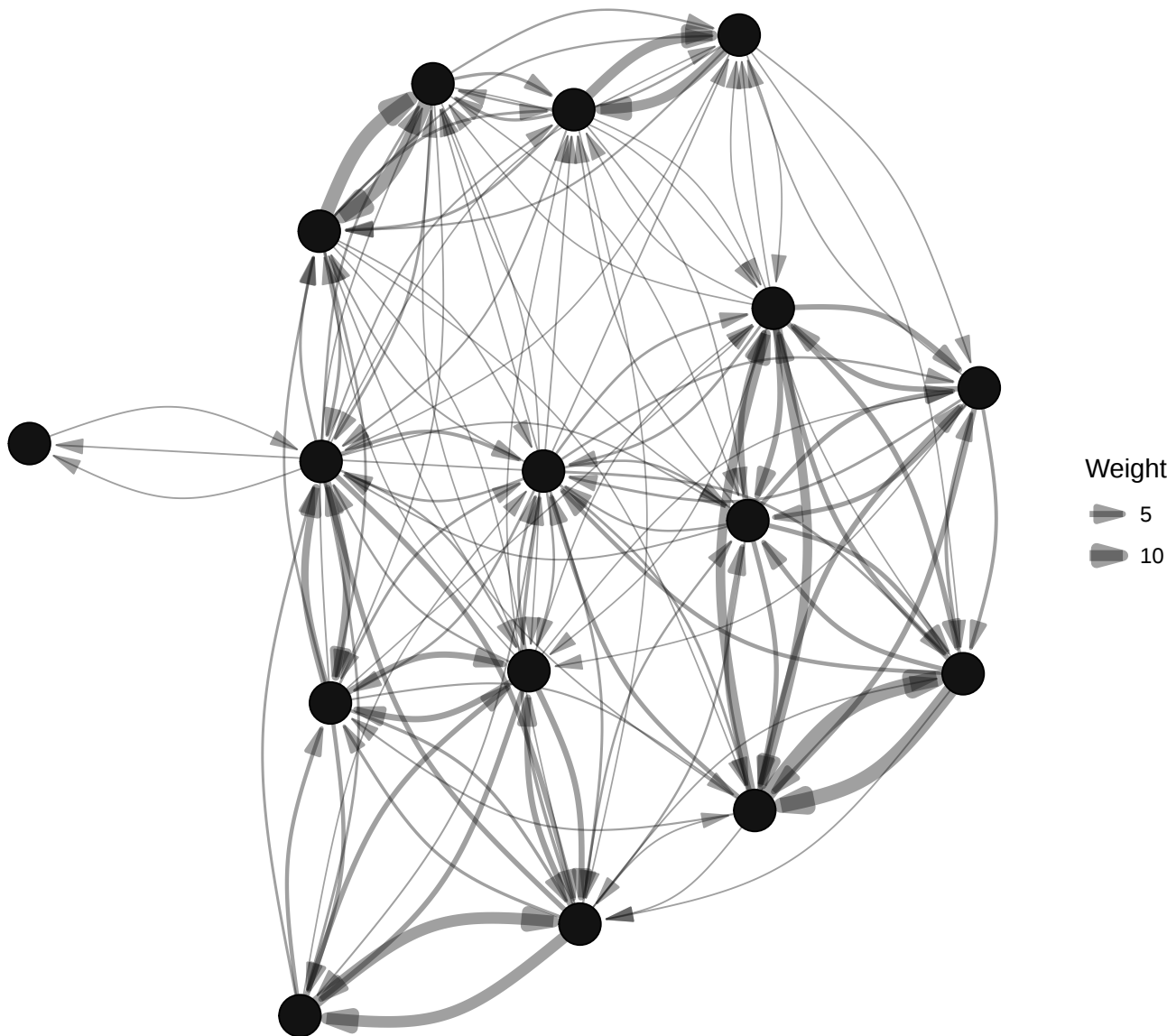
0.408



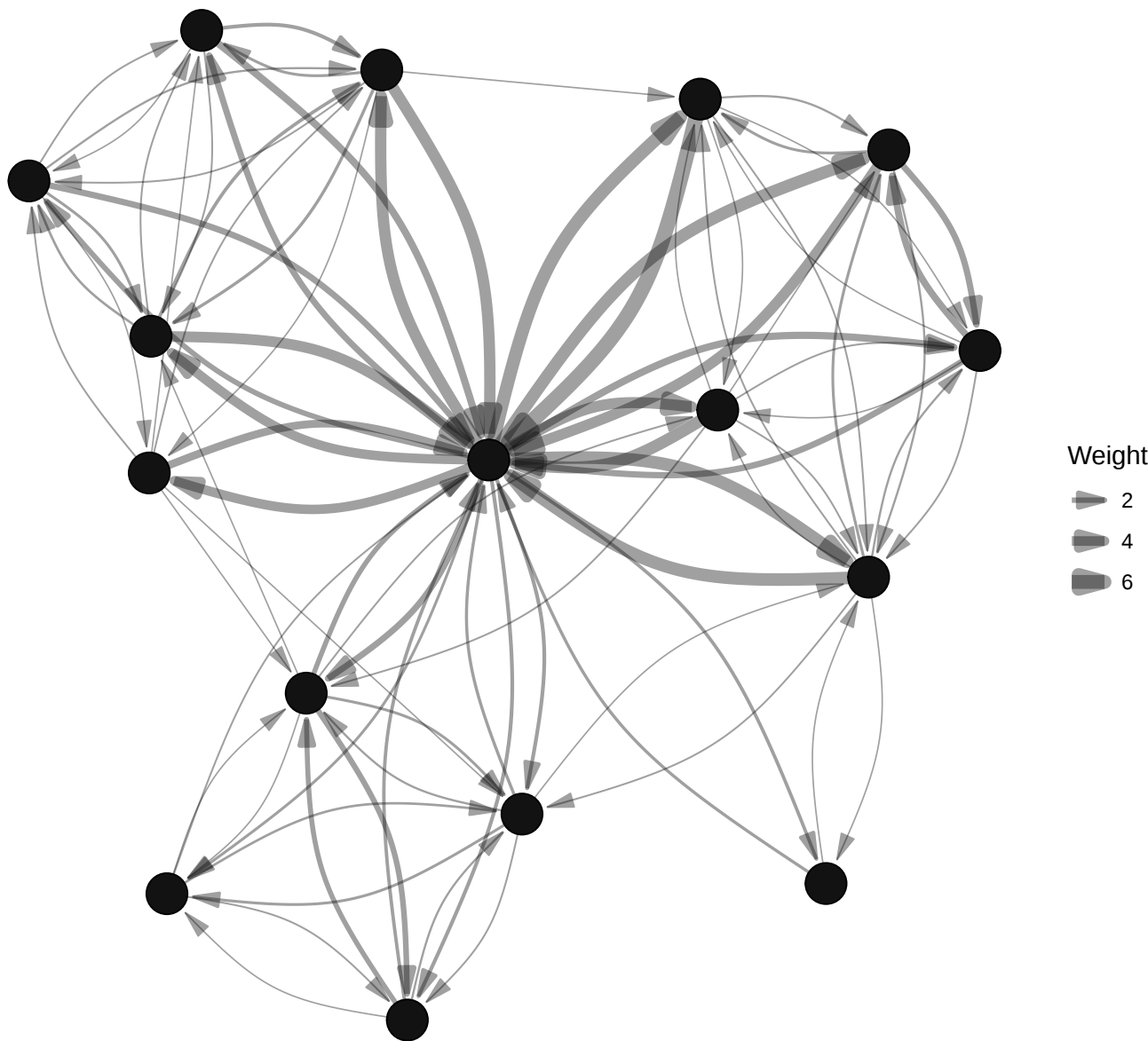
Friendship

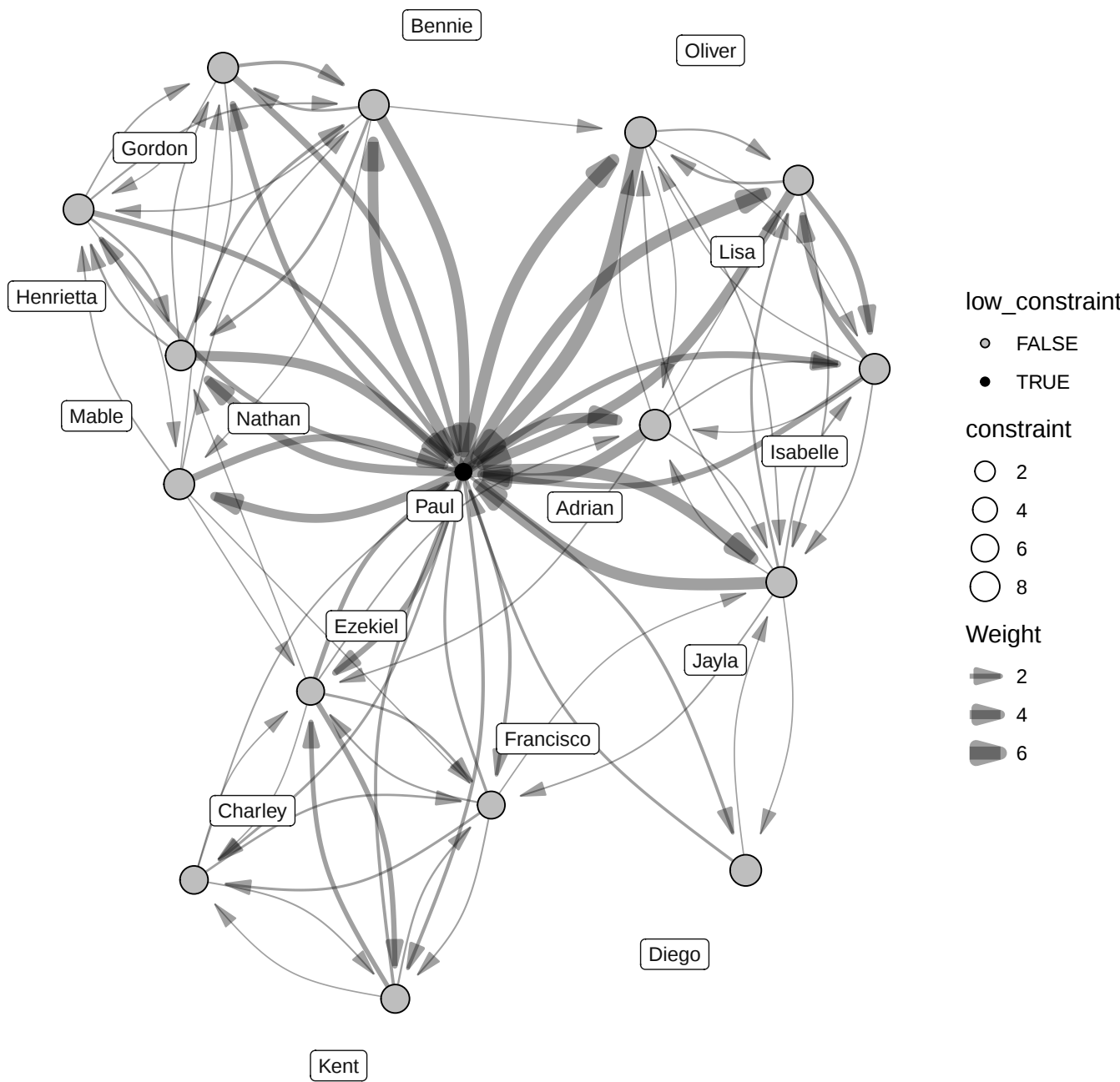


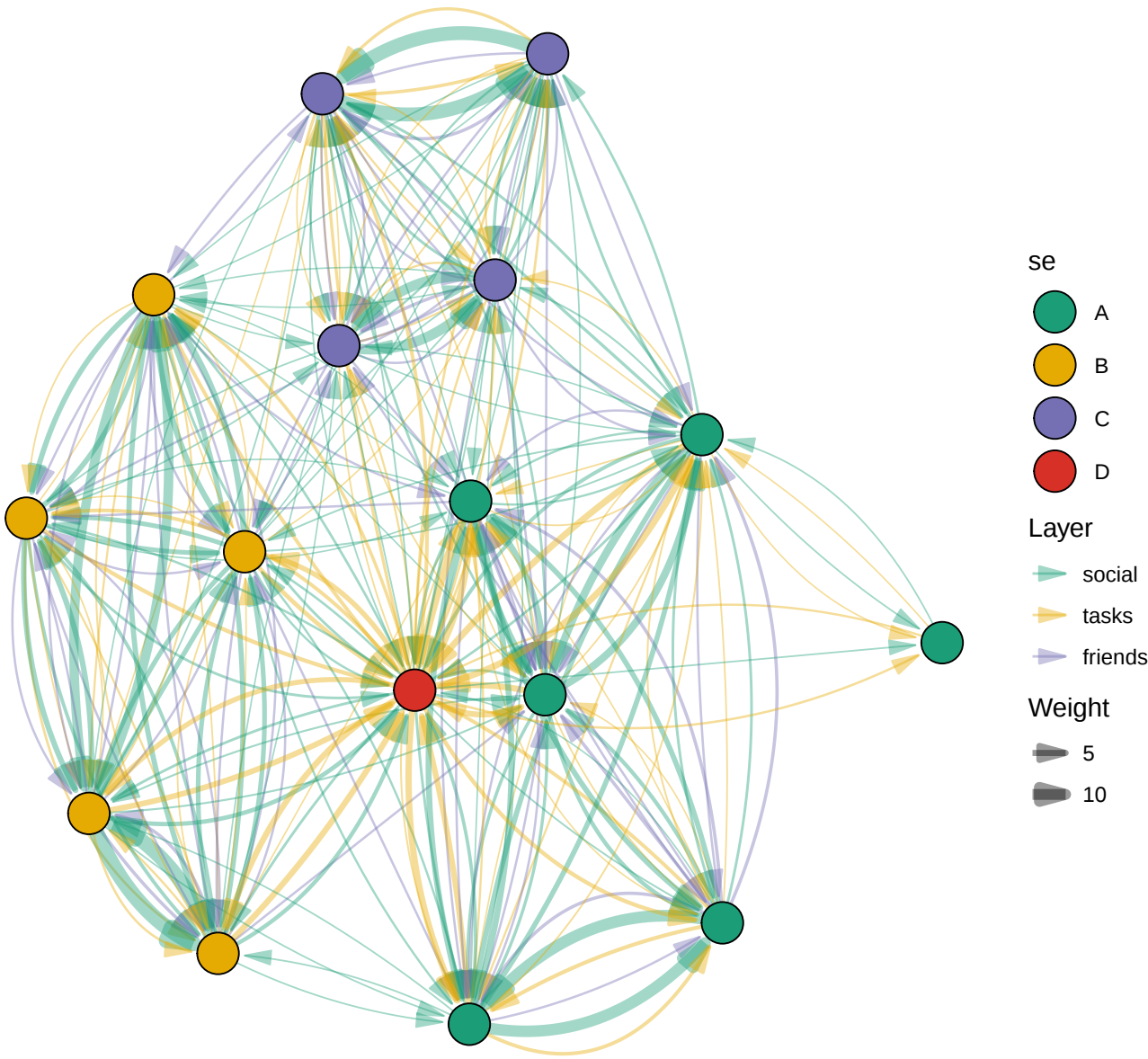
Social

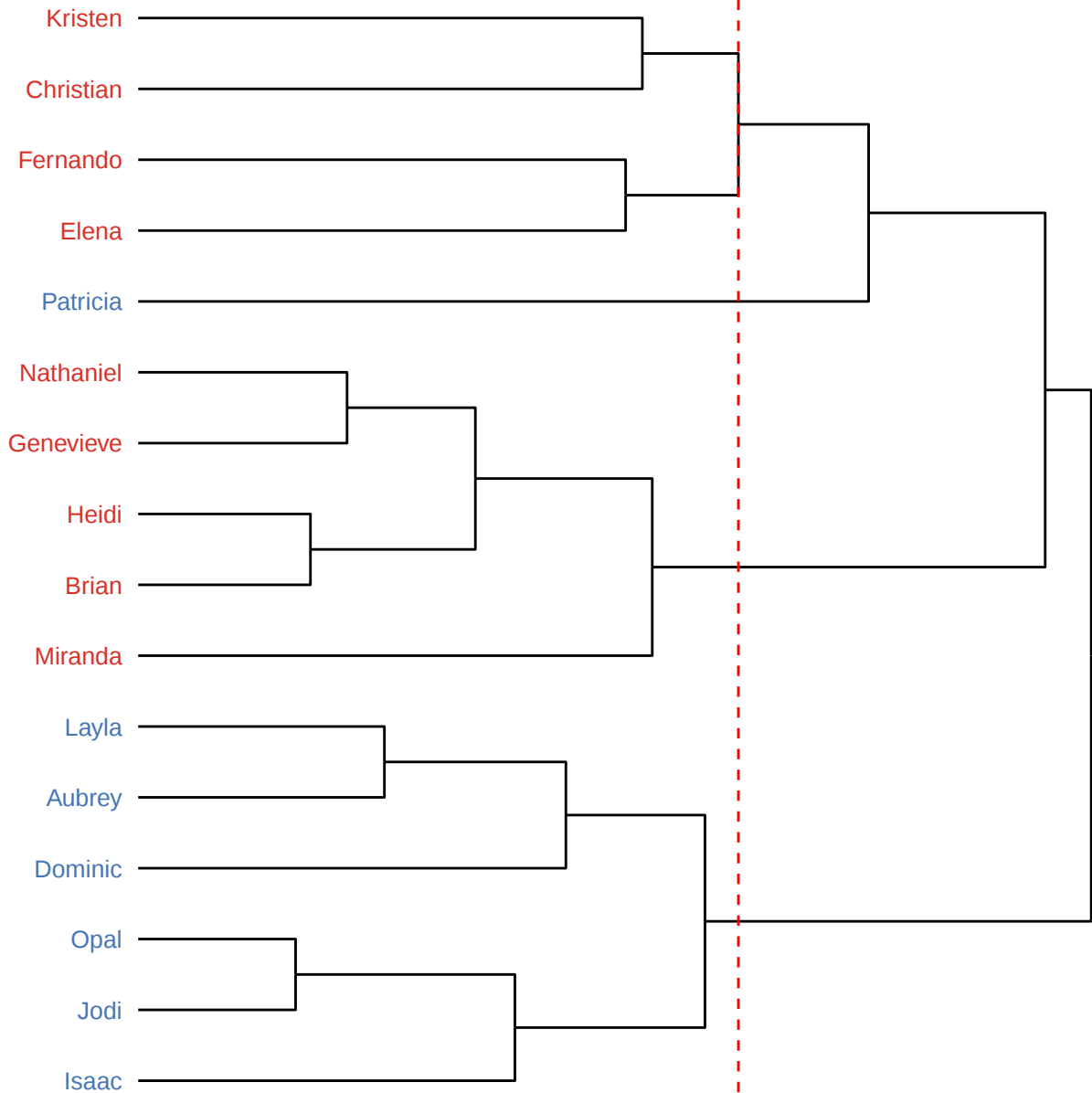


Task









-0.5

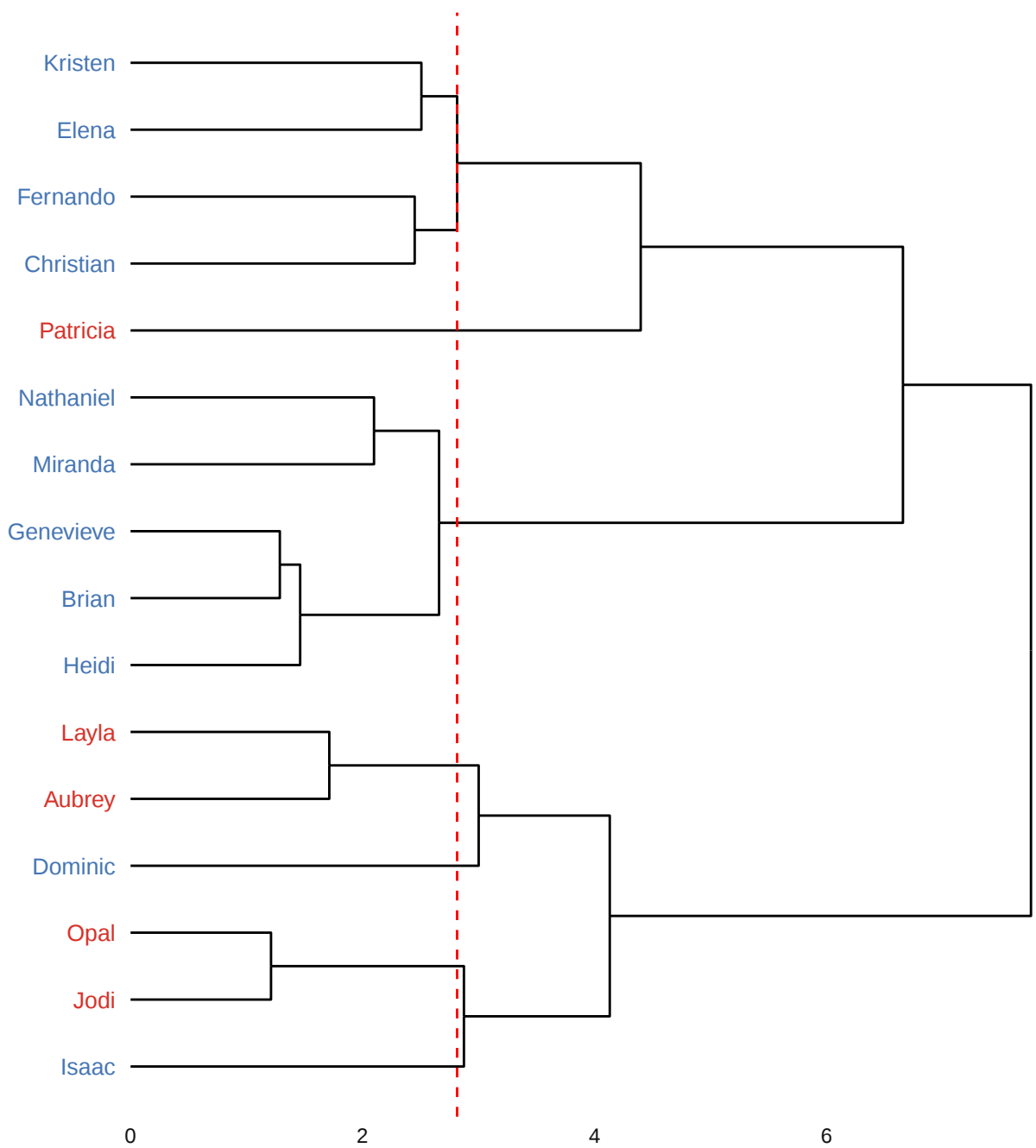
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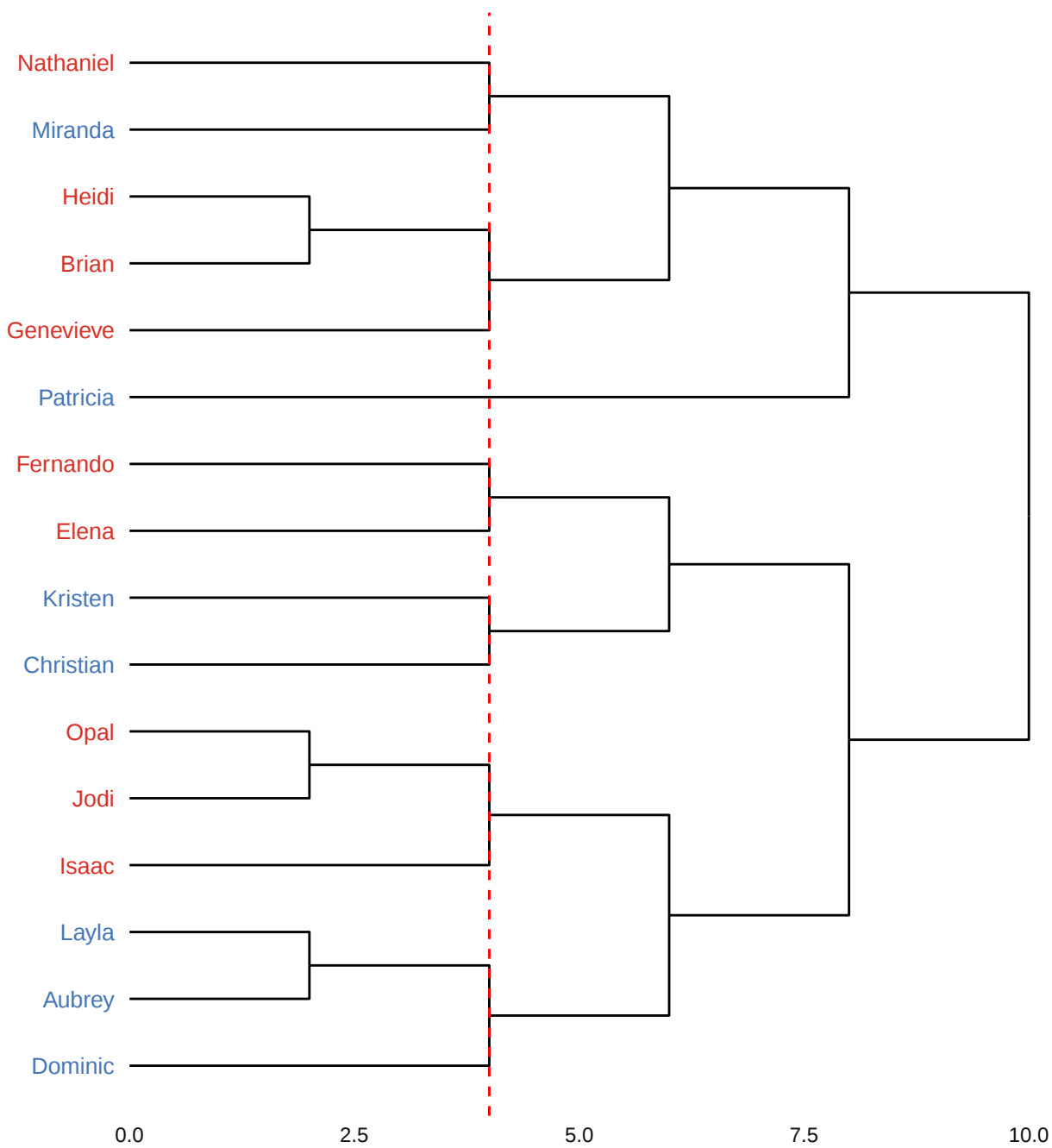
0.5

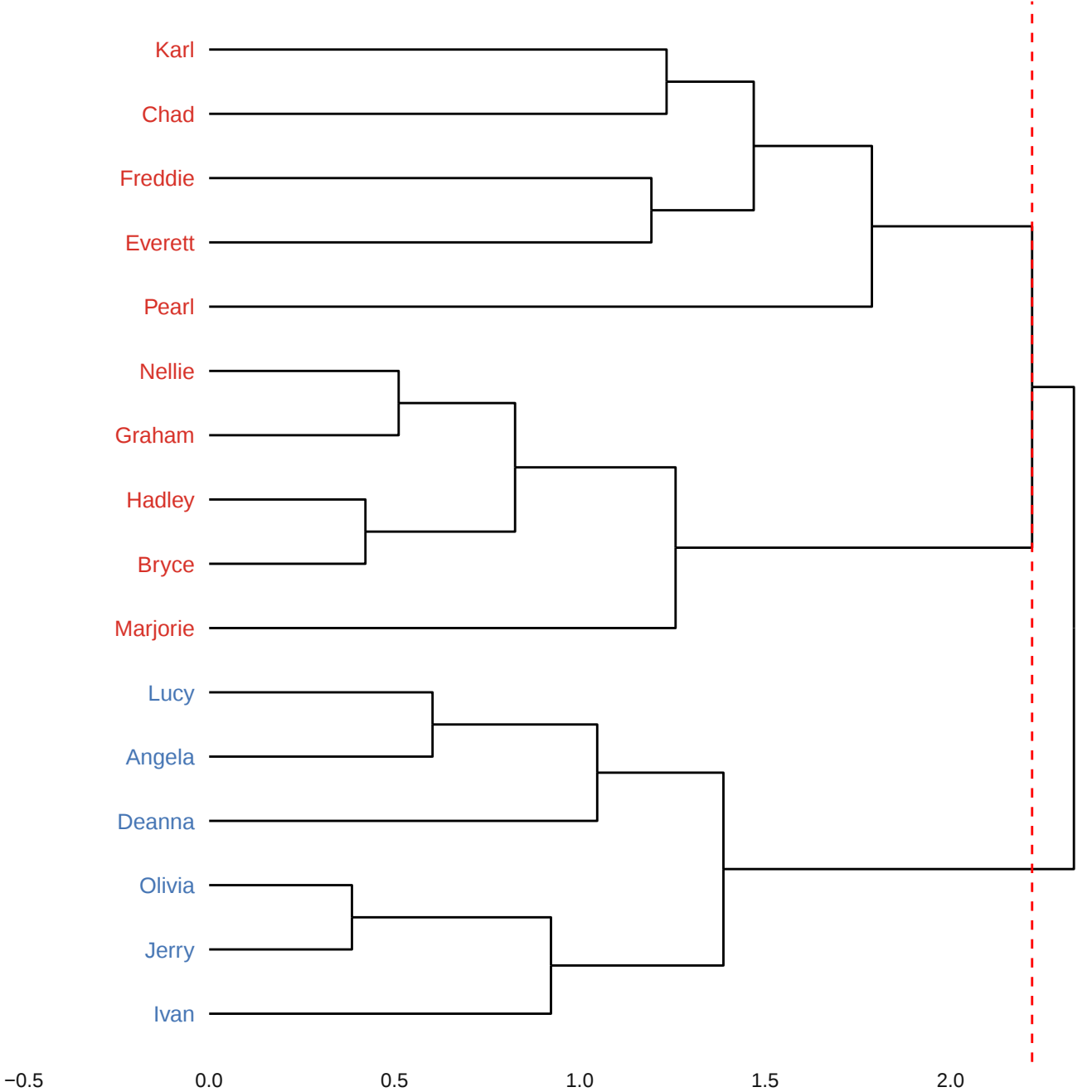
1.0

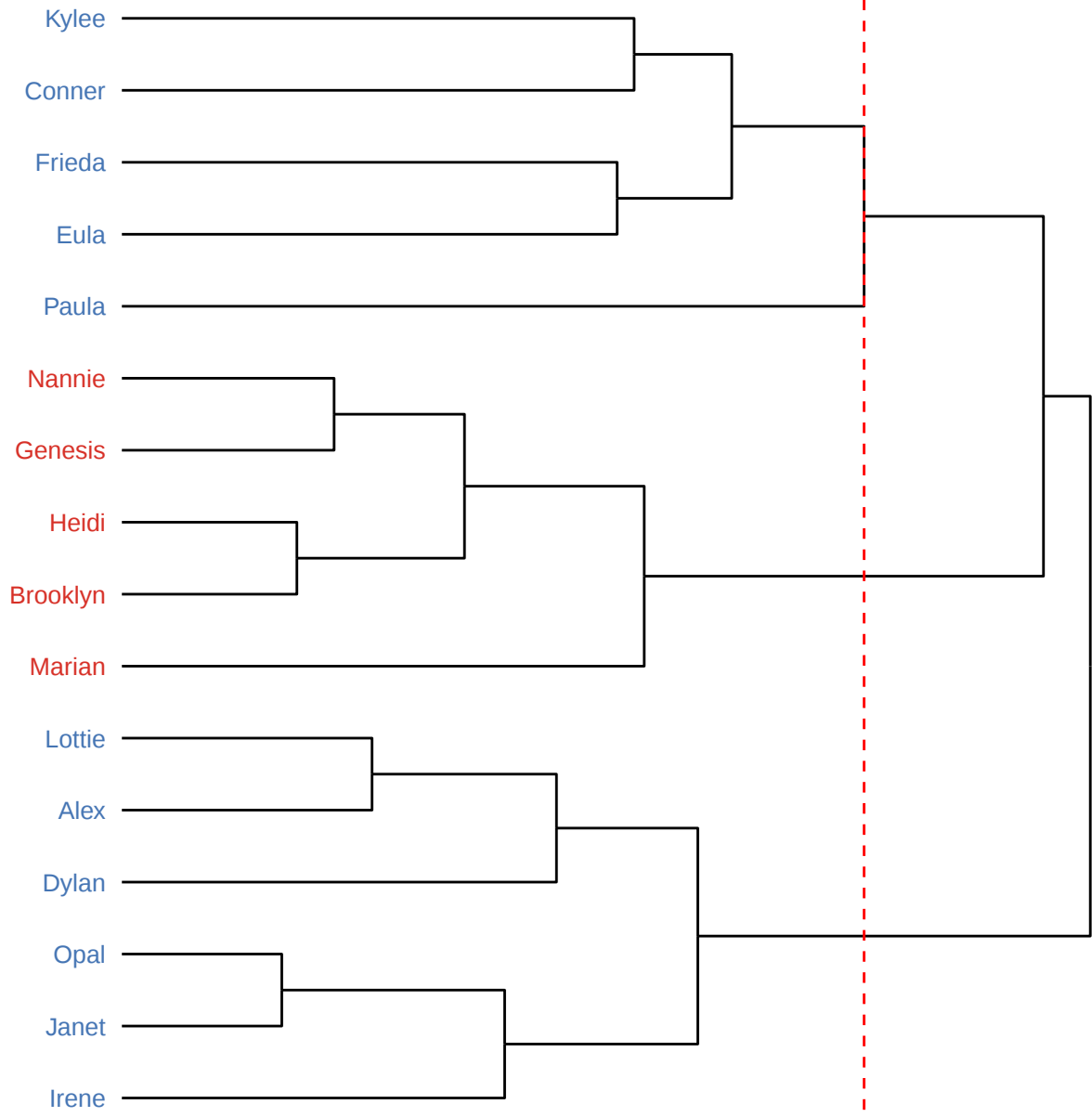
1.5

2.0









-0.5

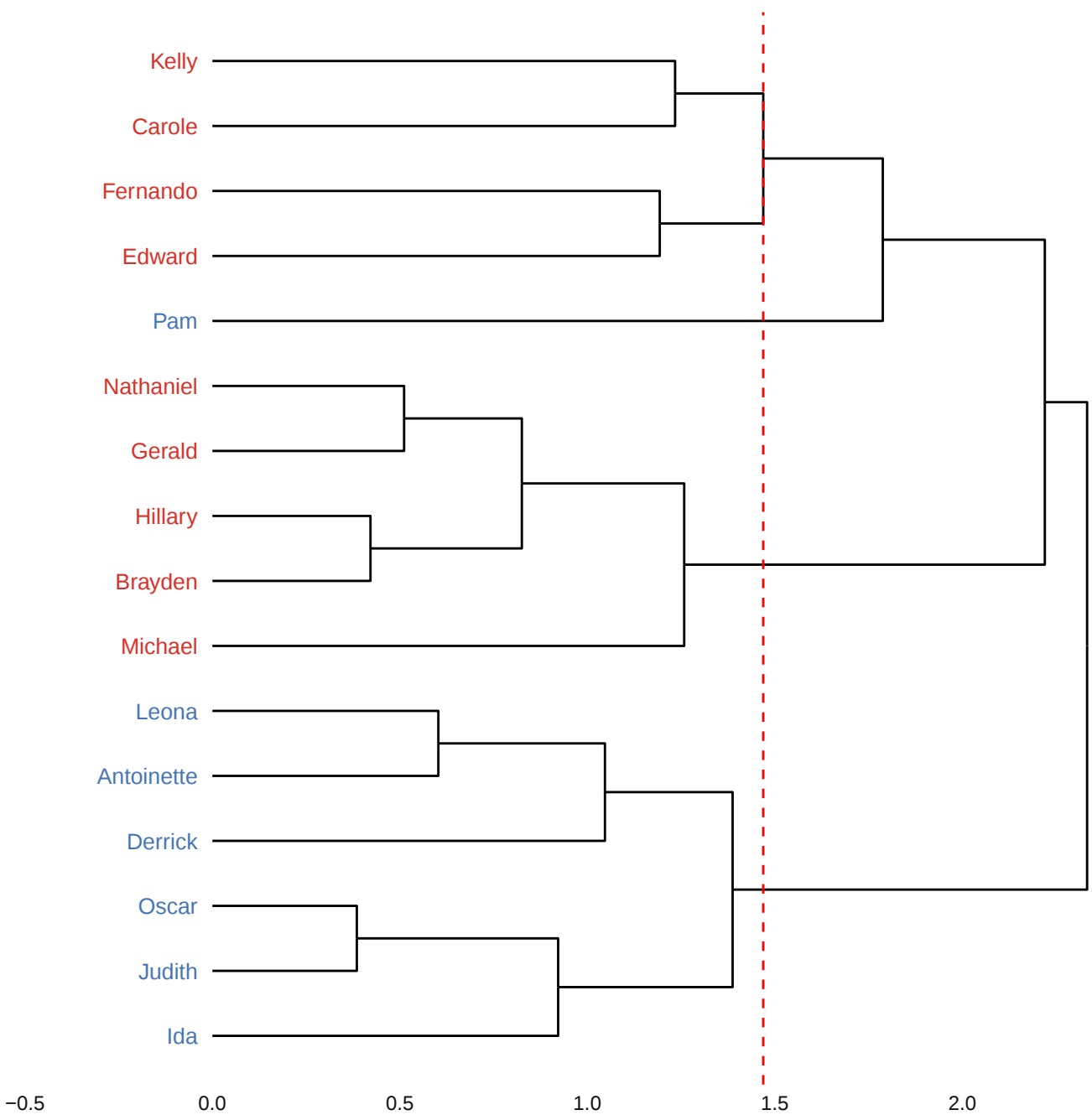
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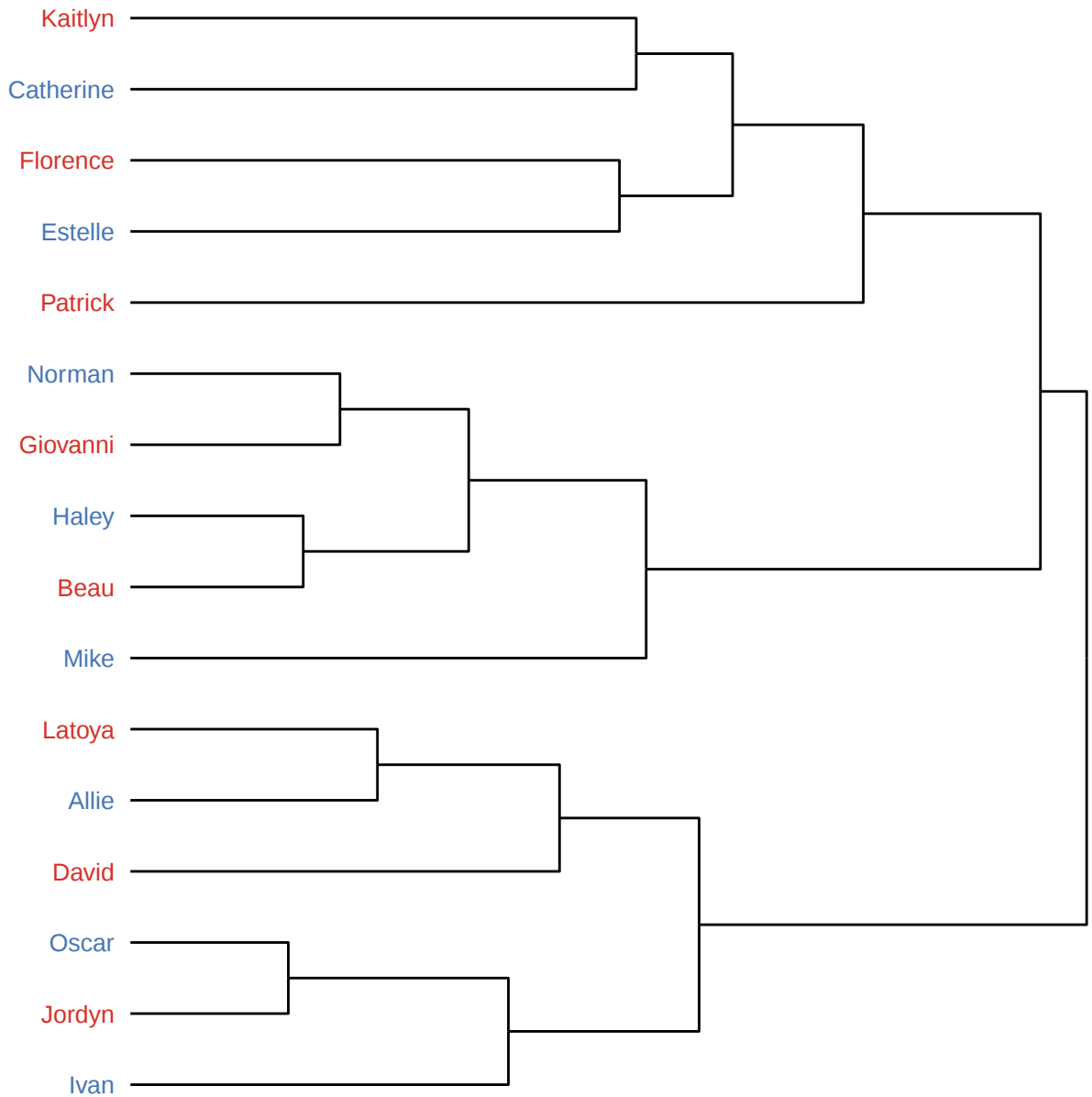
0.5

1.0

1.5

2.0





-0.5

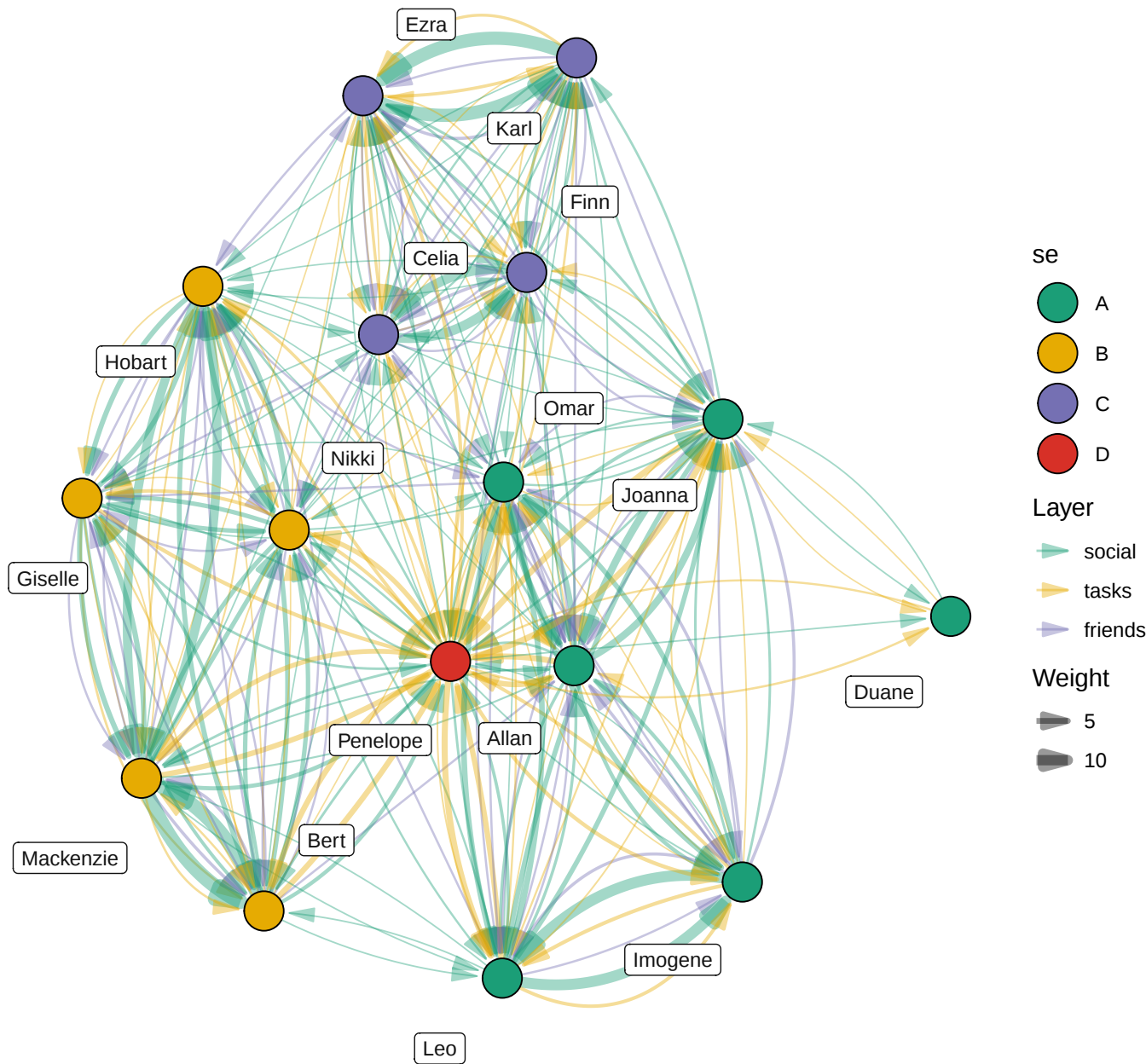
0.0

0.5

1.0

1.5

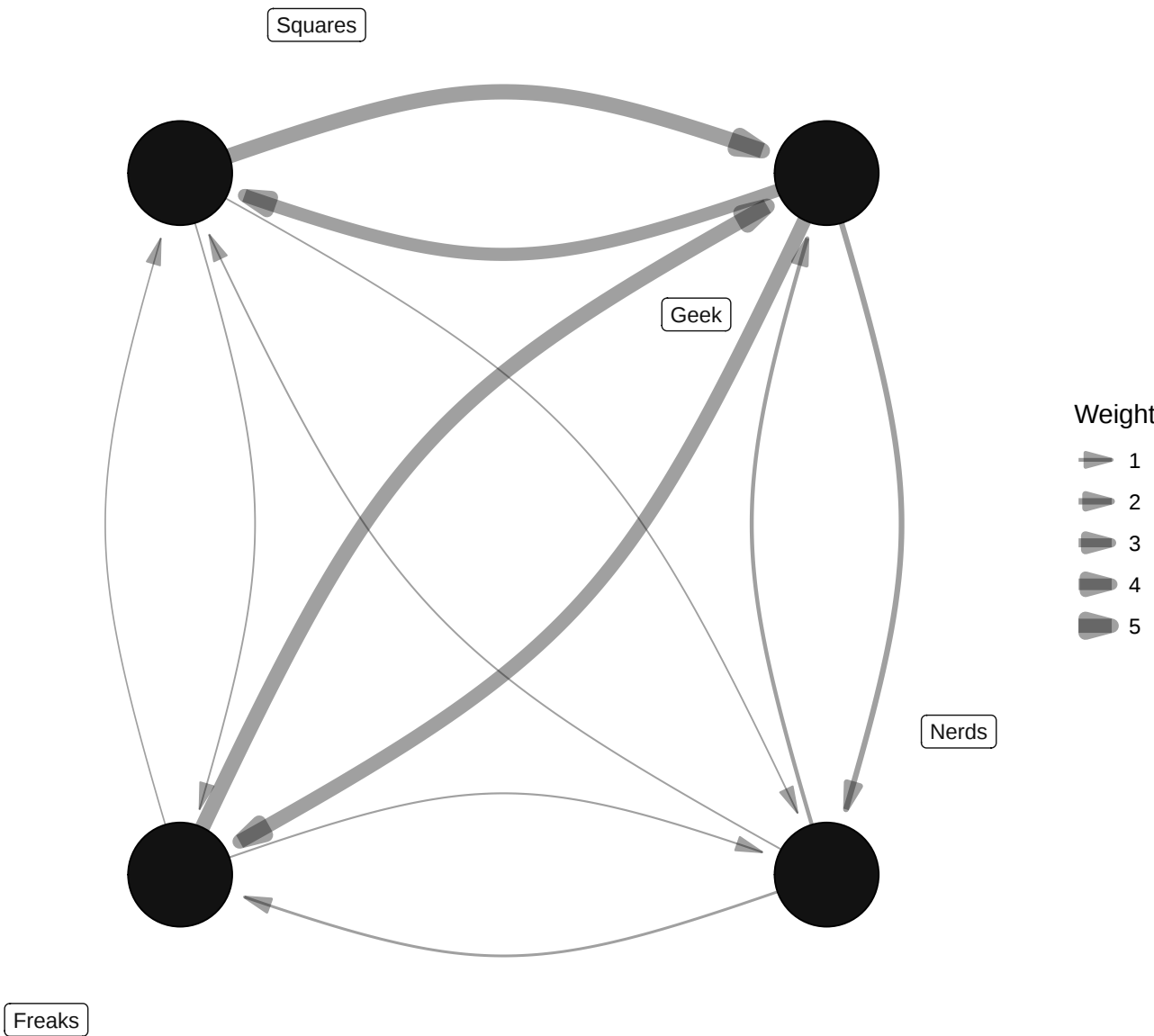
2.0

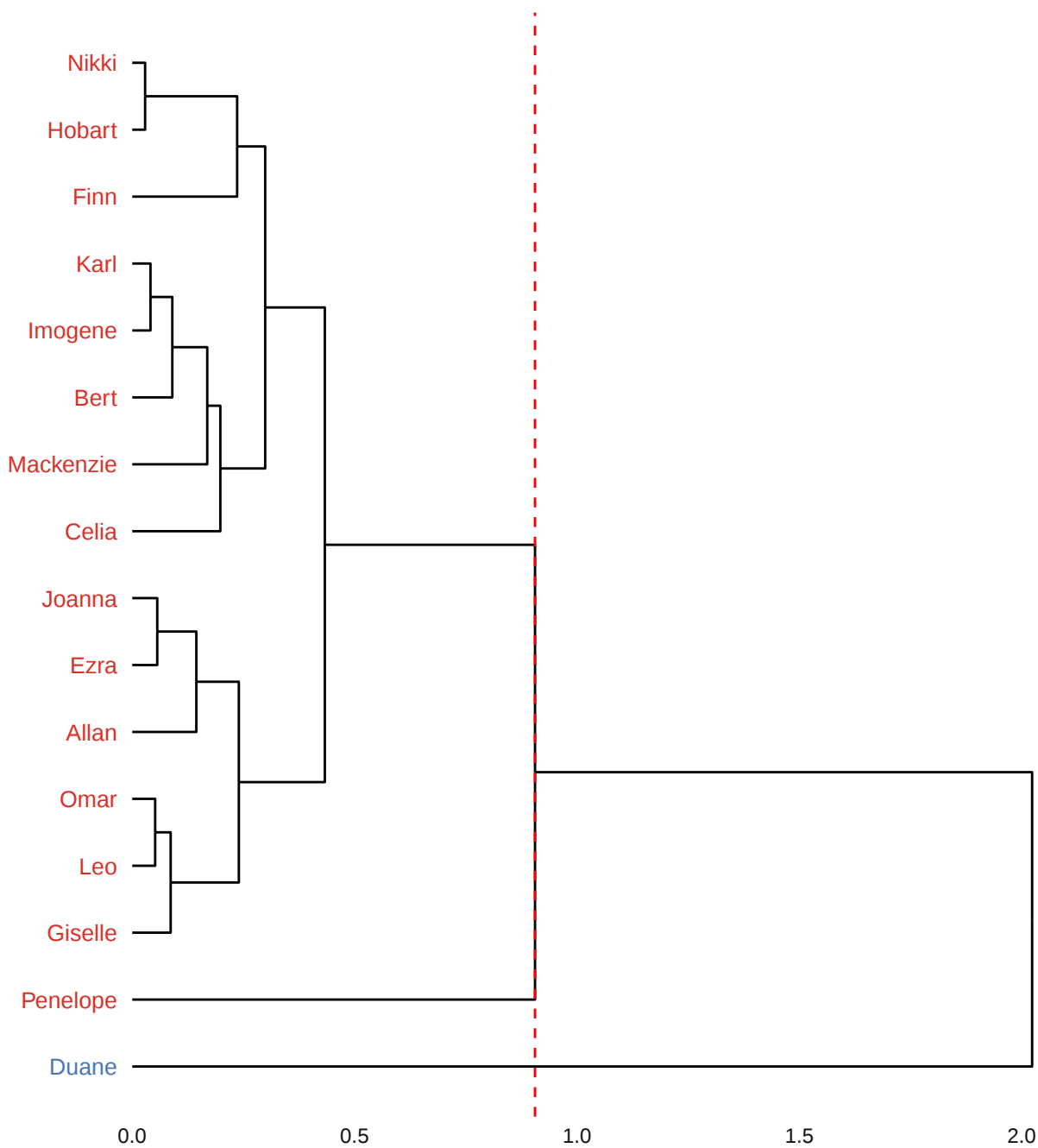


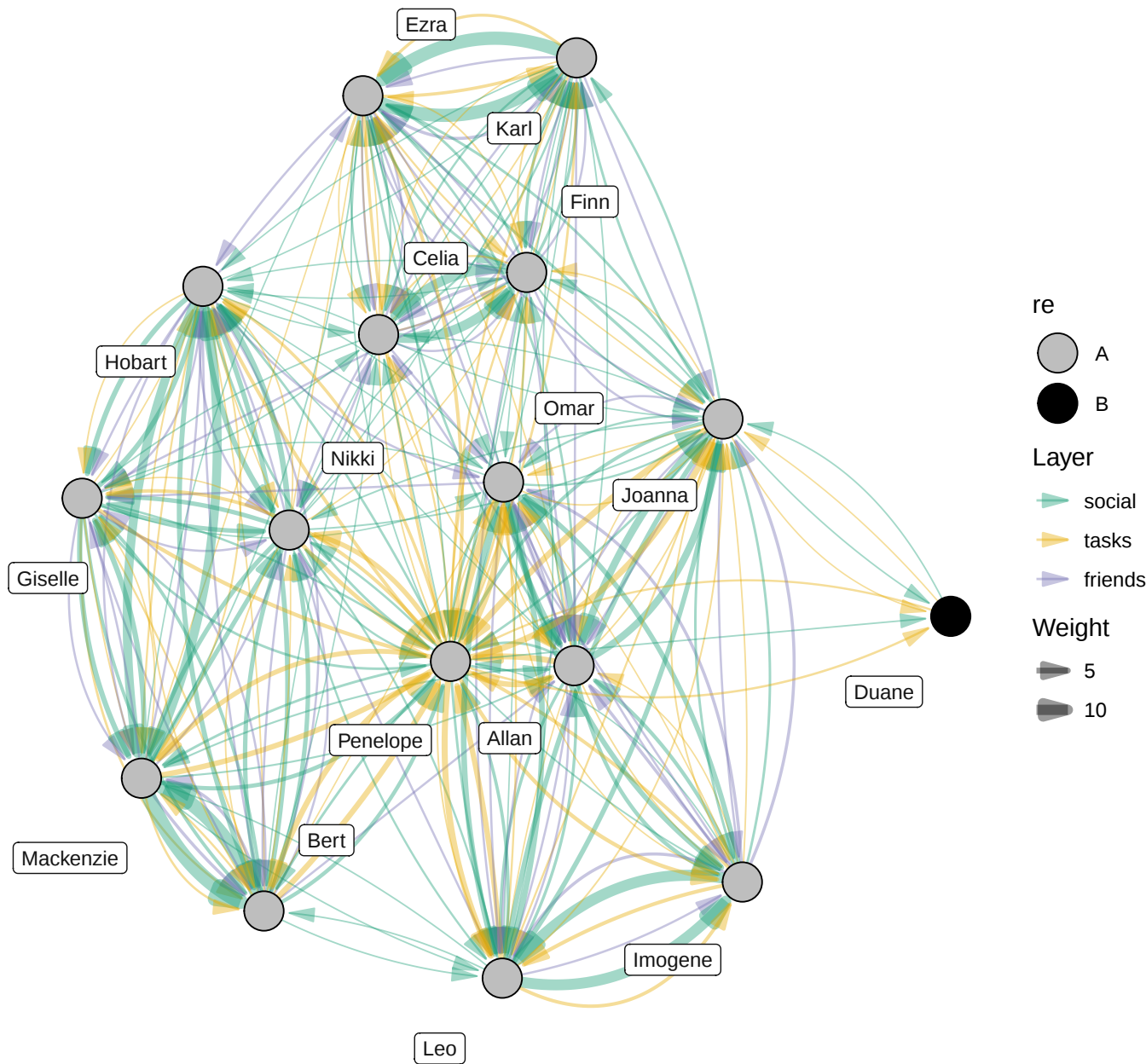
[illegible]

[illegible]

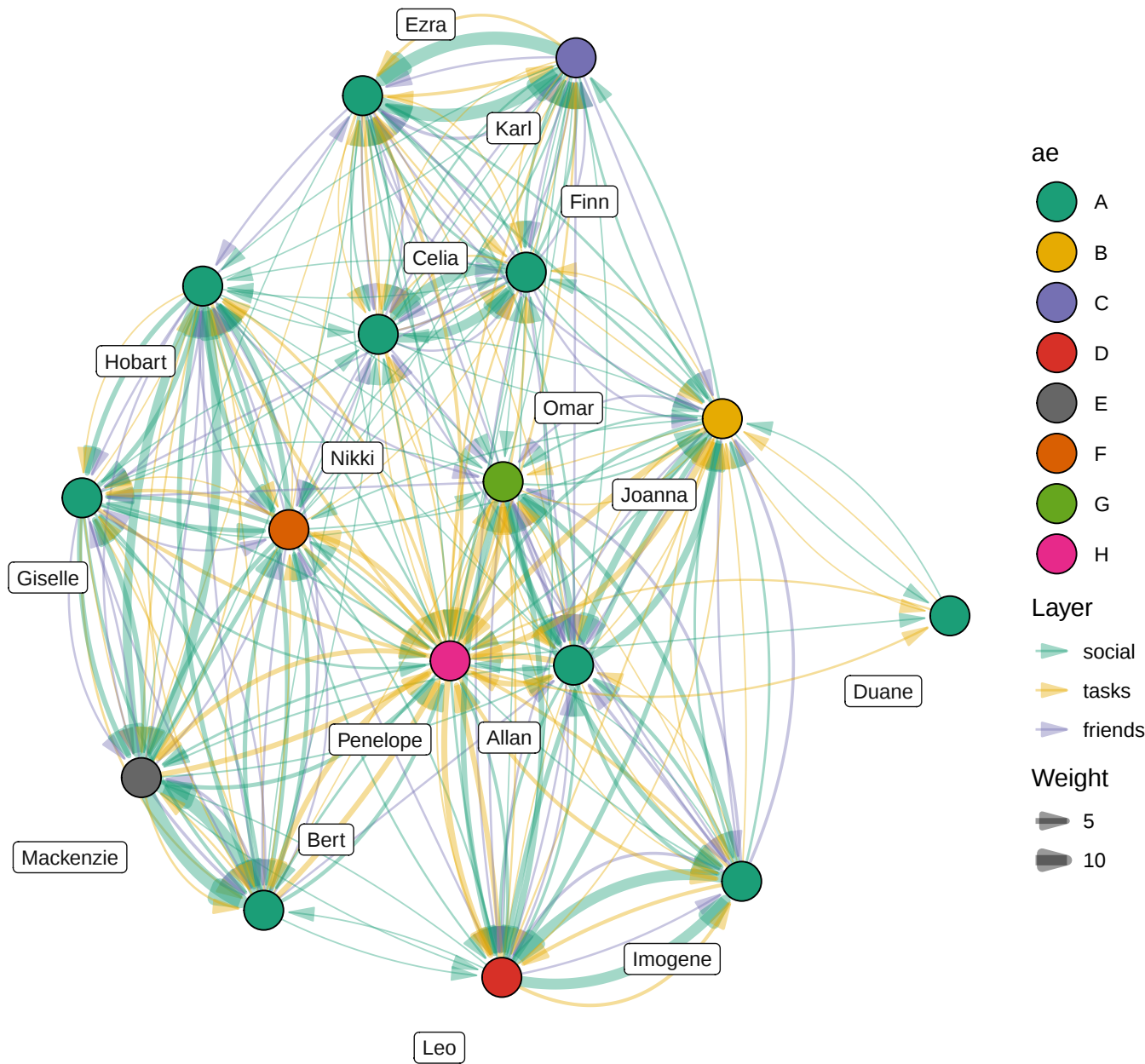
[illegible]



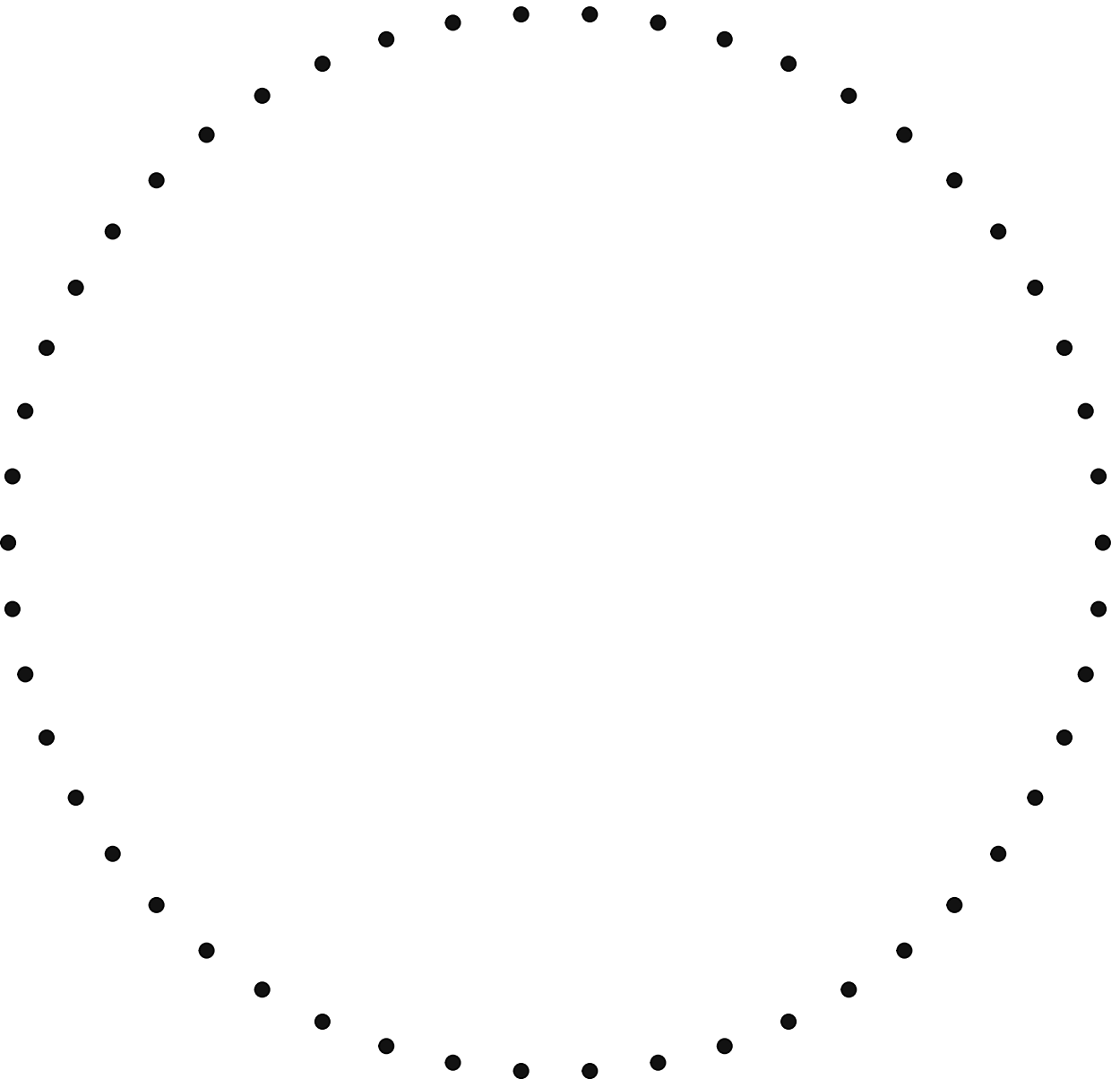




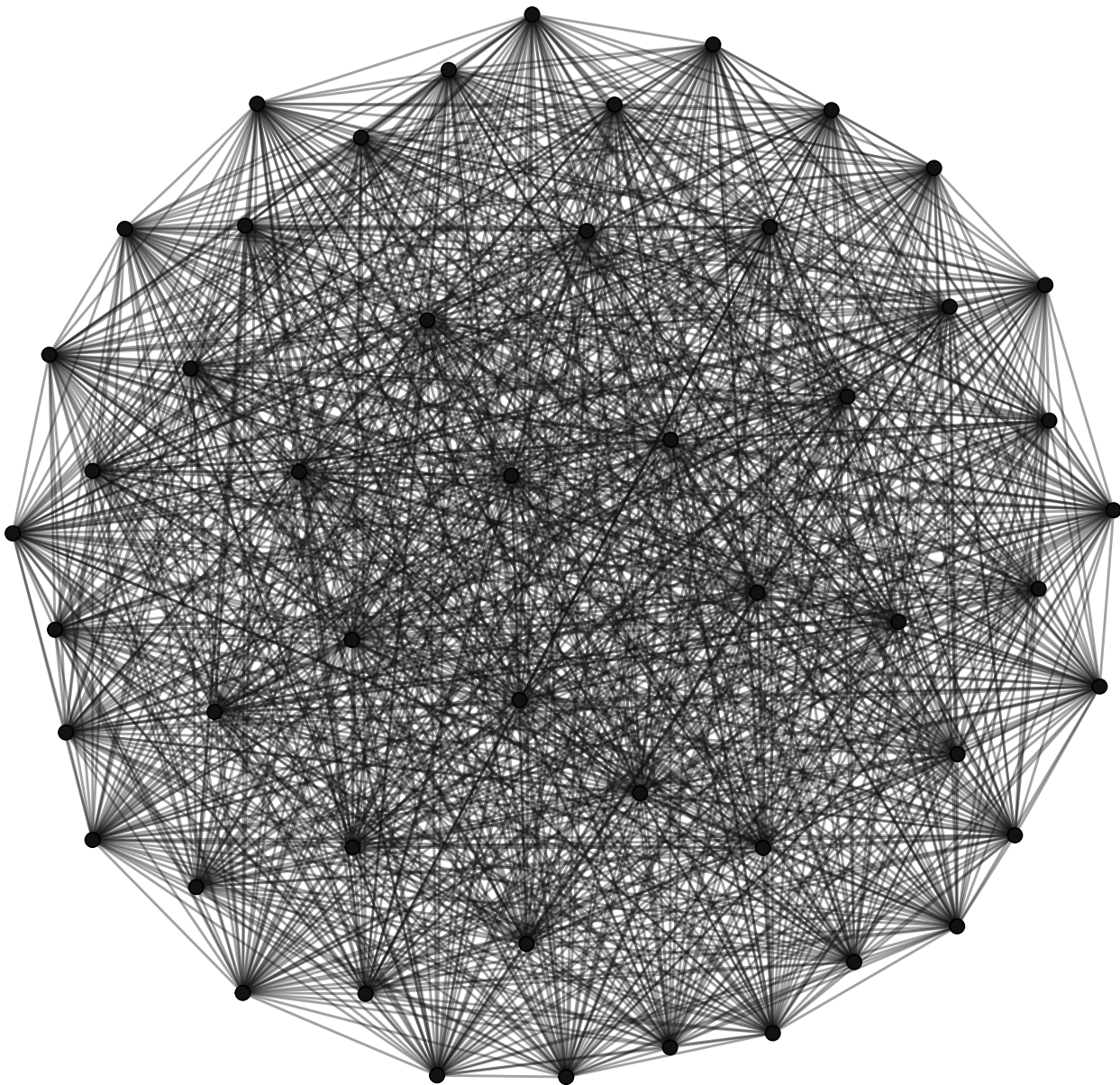




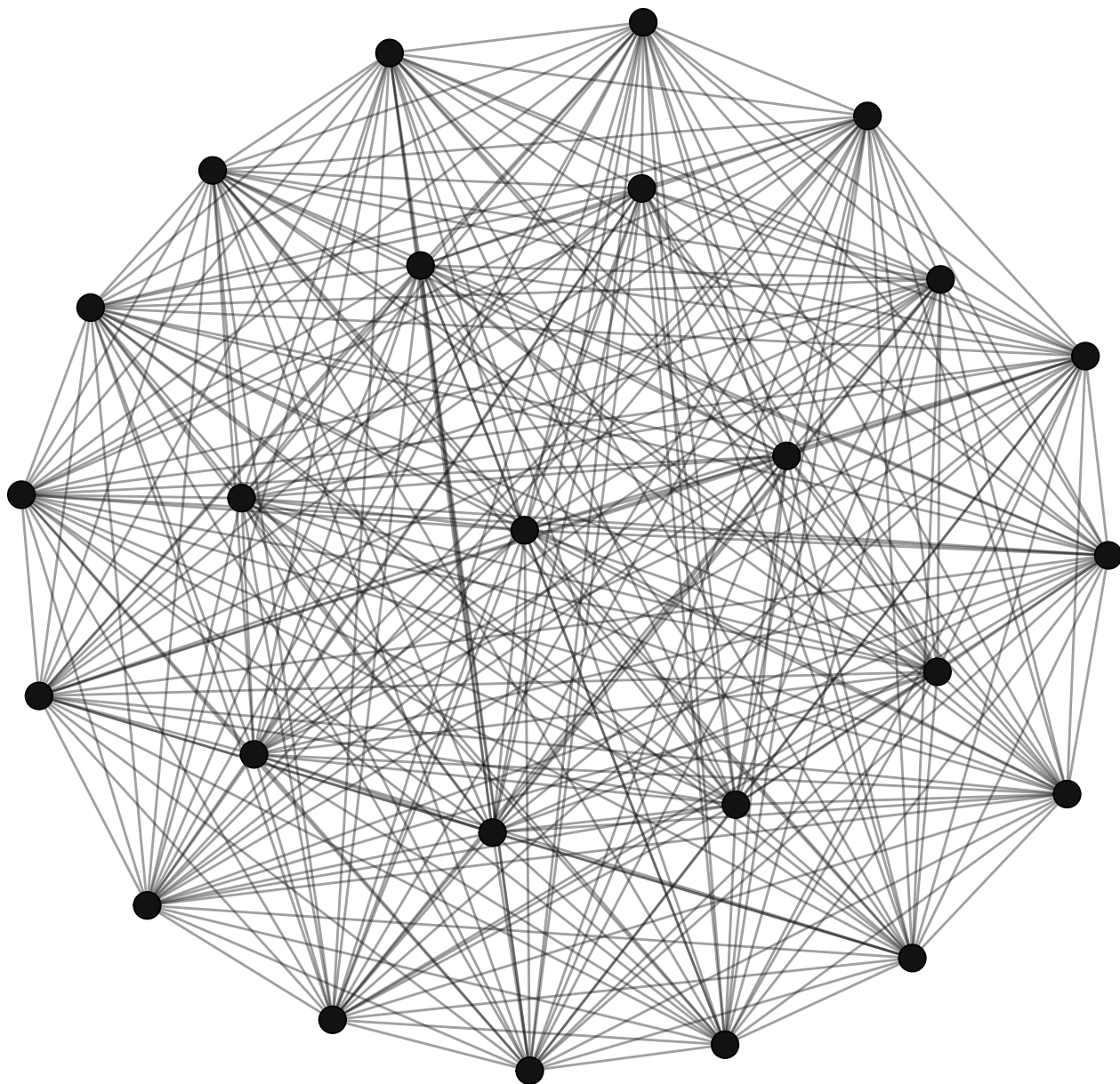
Empty graph



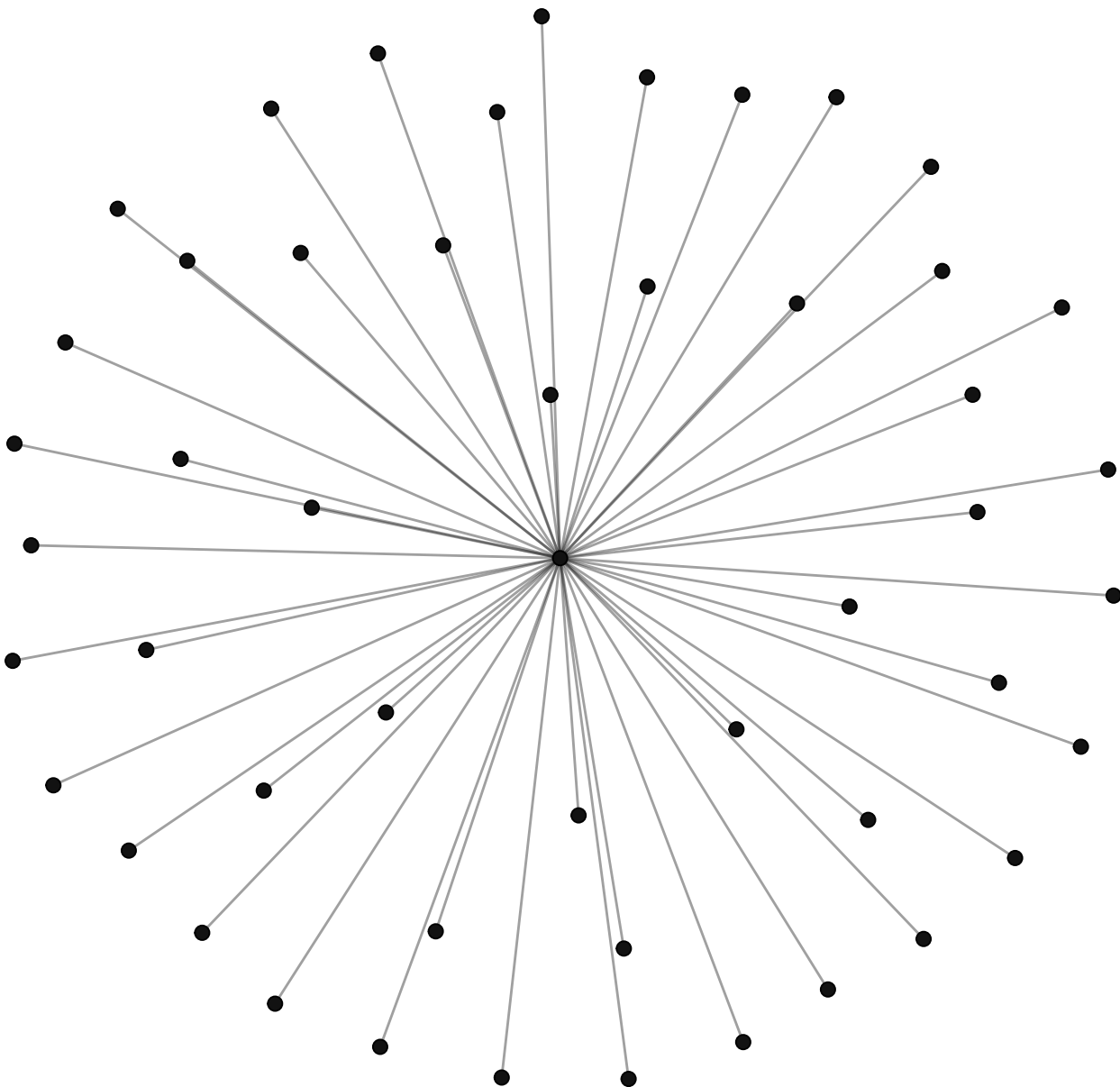
Complete graph



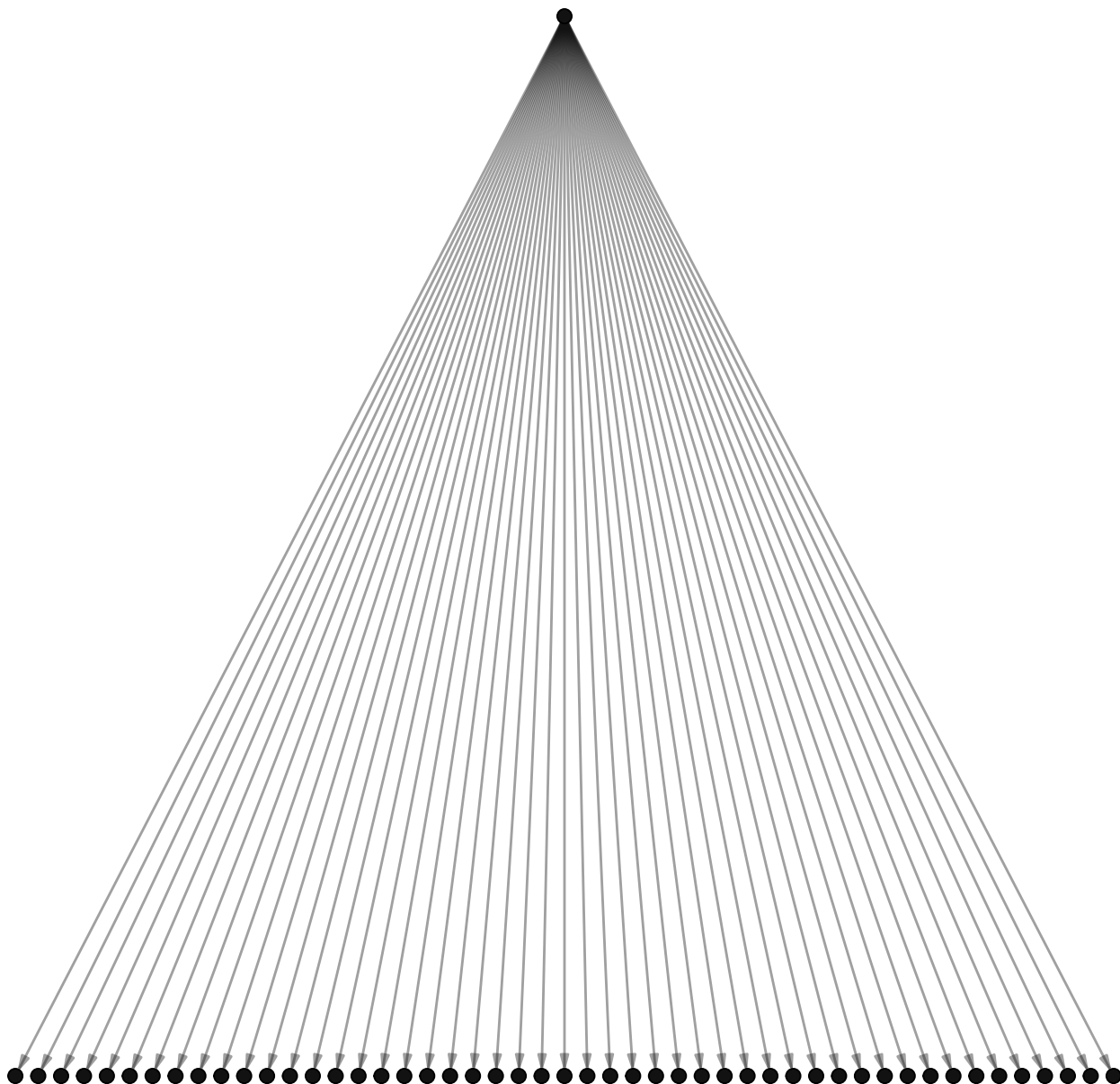
Complete graph (smaller)



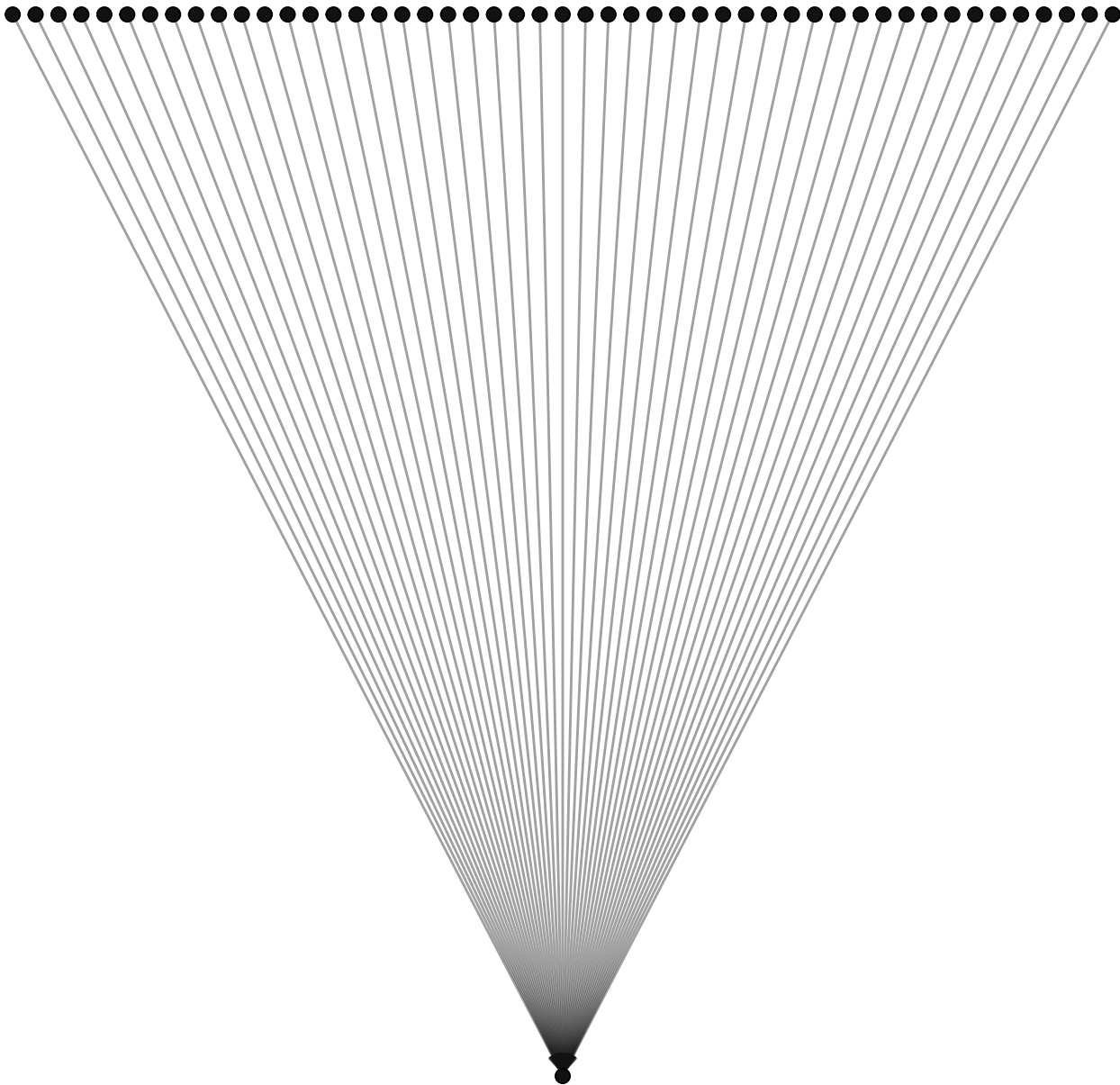
Star graph



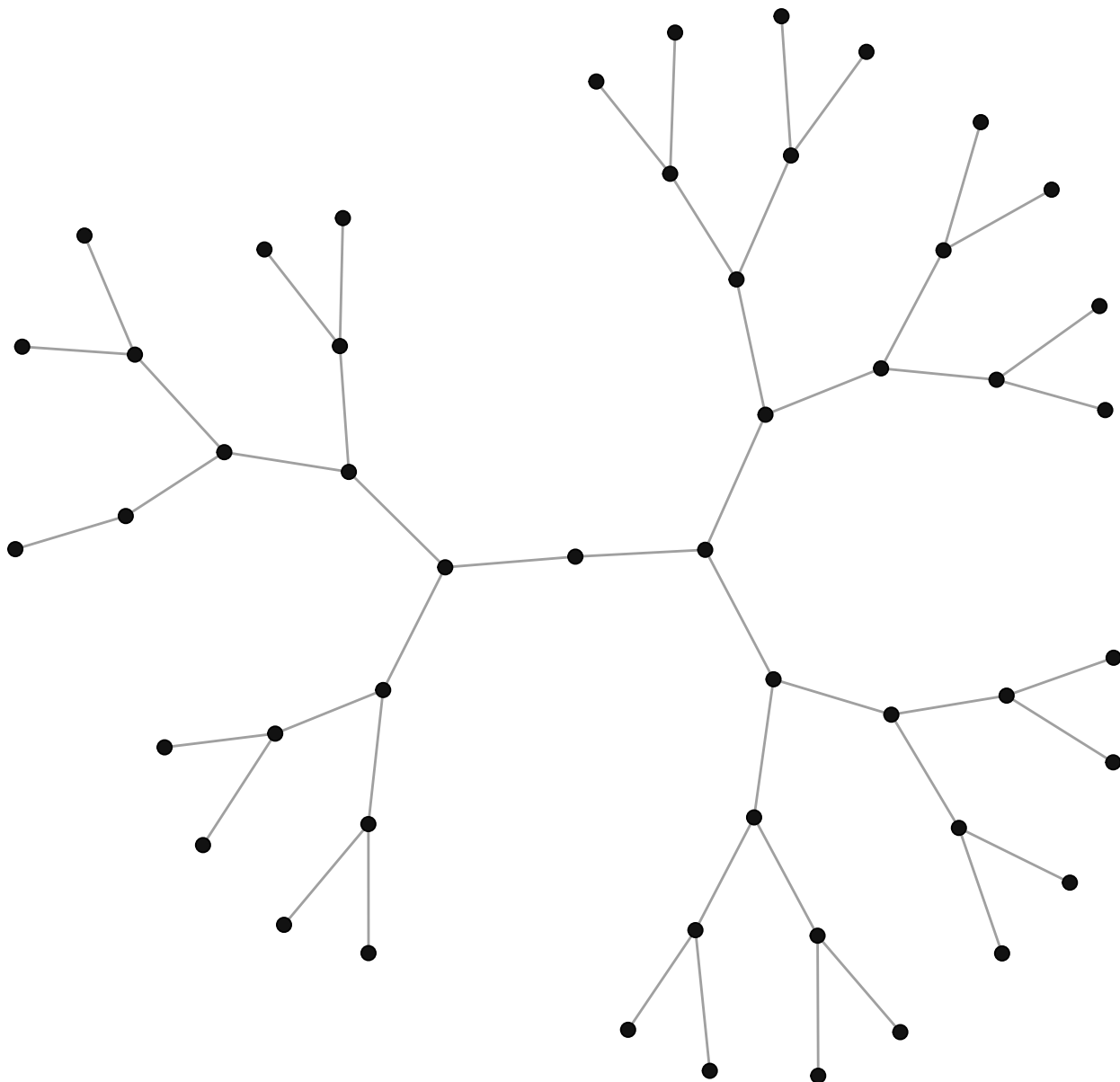
Star out



Star in

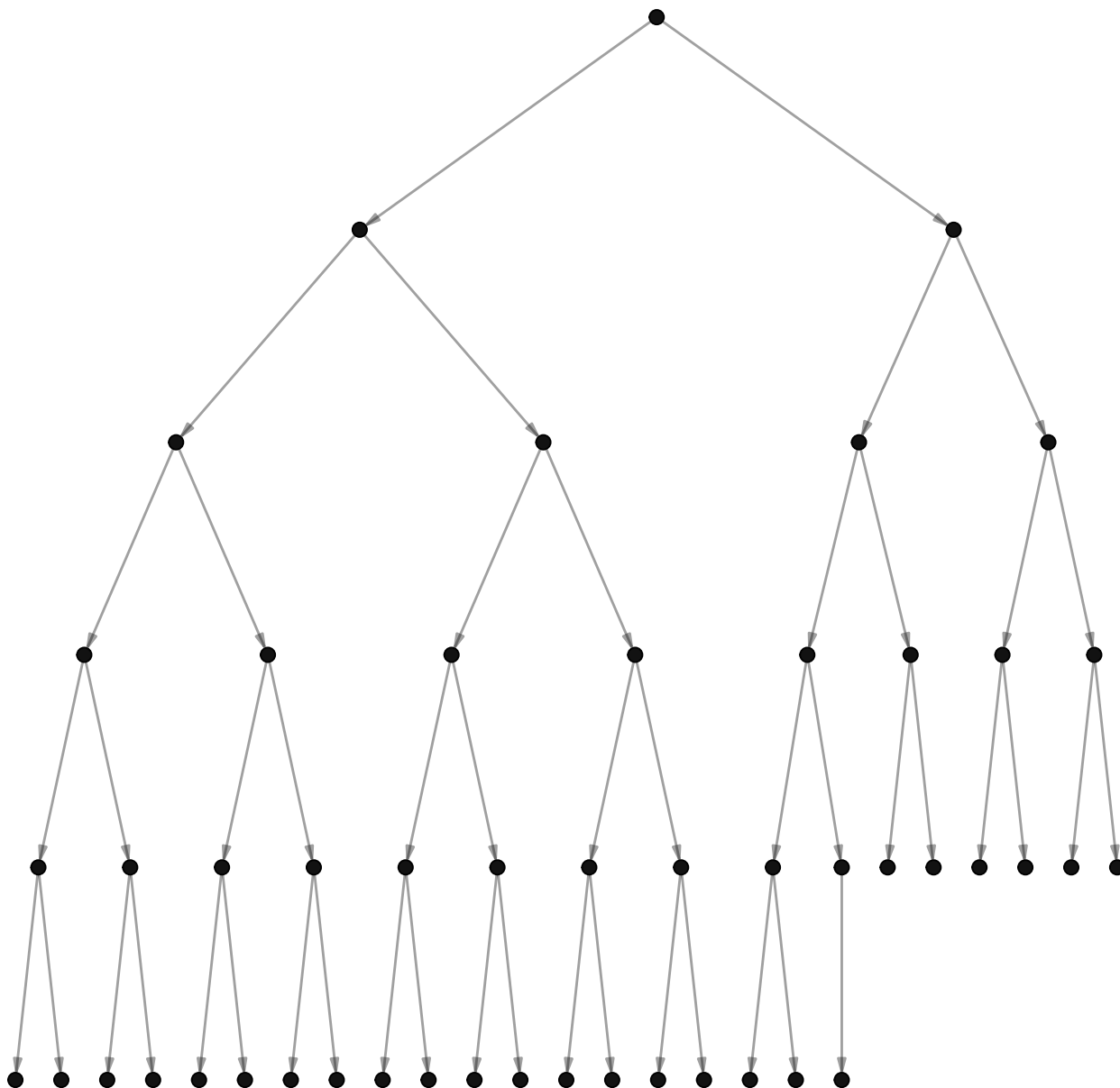


Tree graph

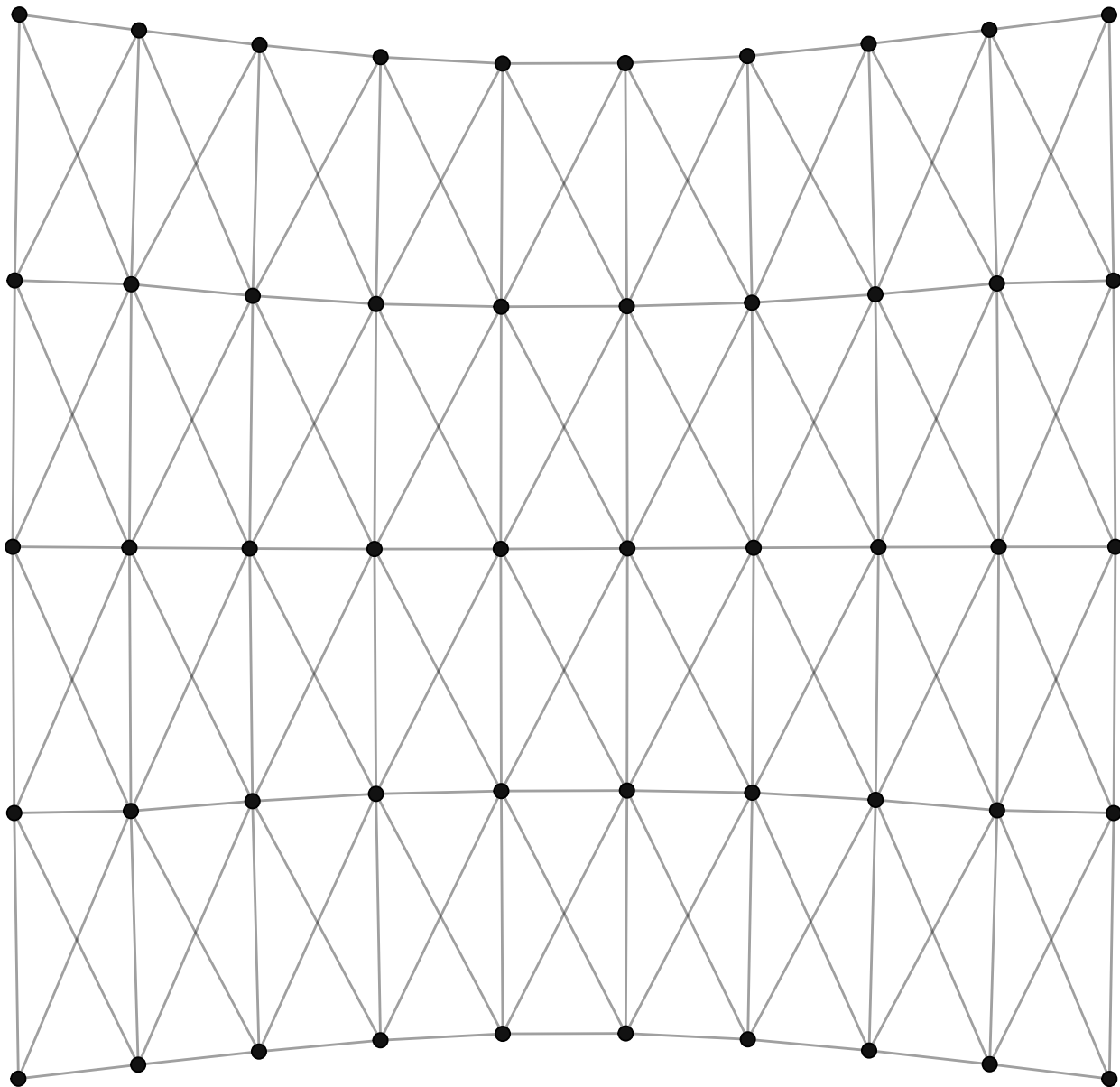


[illegible]

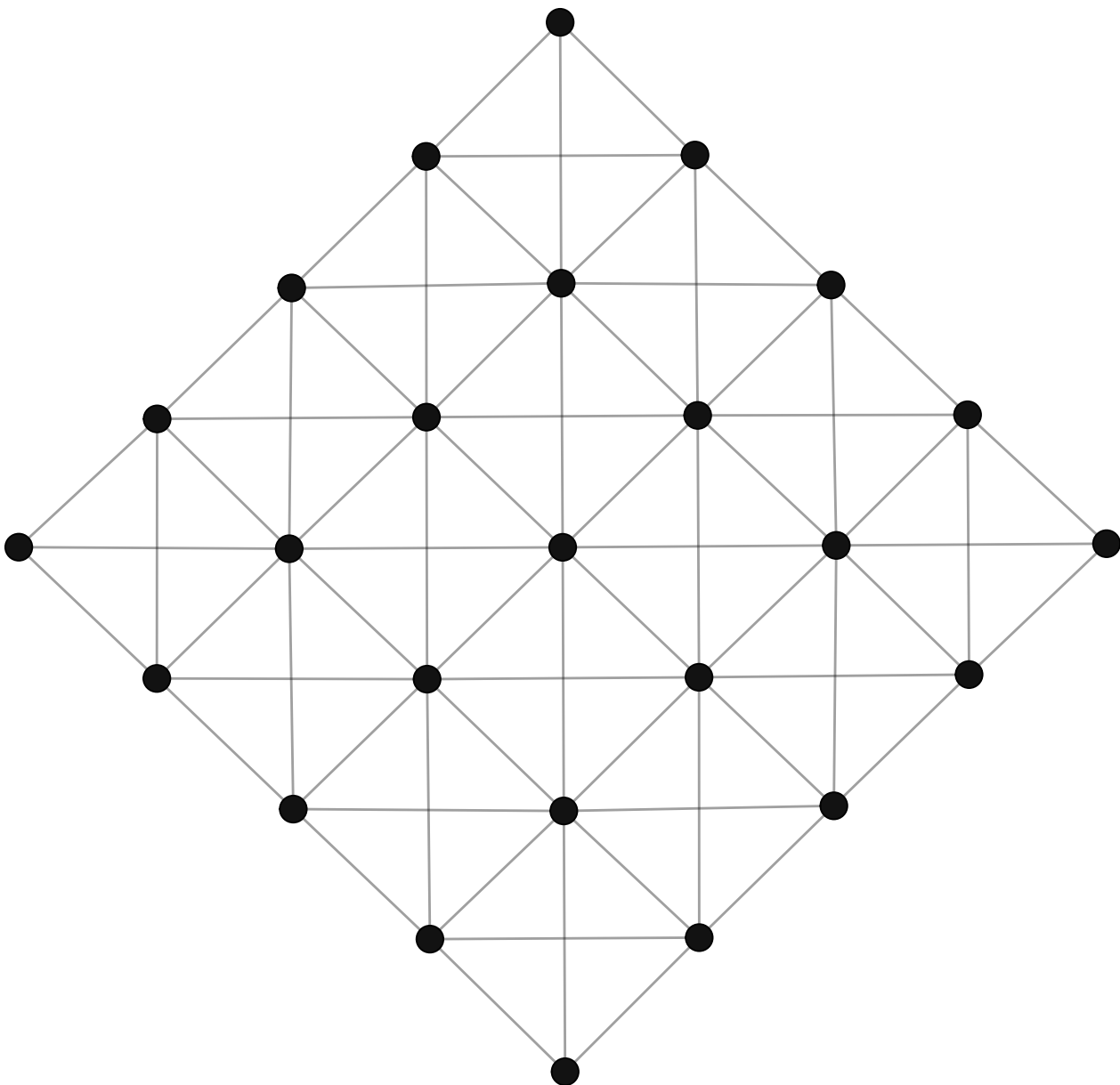
Tree layout



One-mode lattice graph

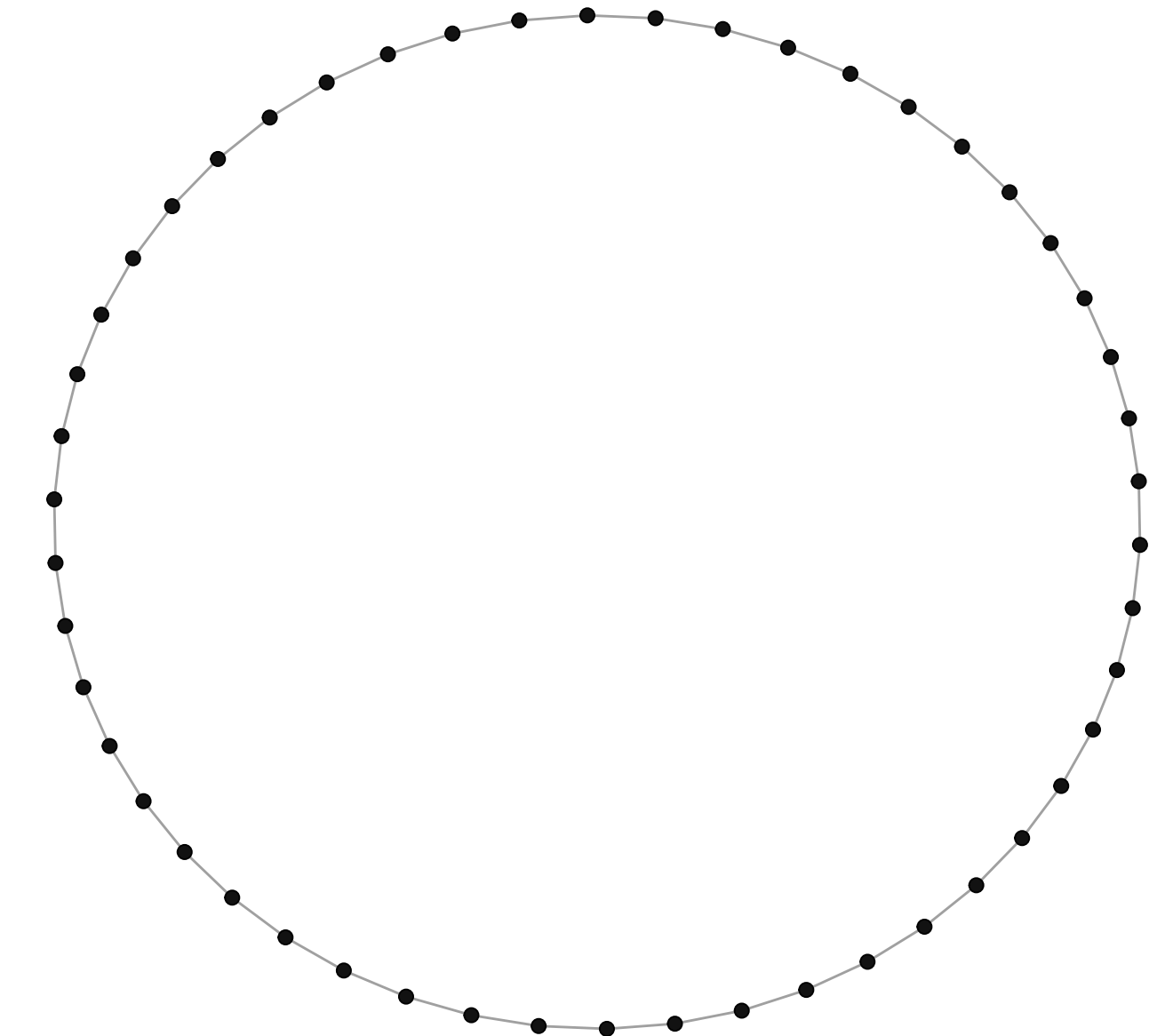


Smaller lattice graph



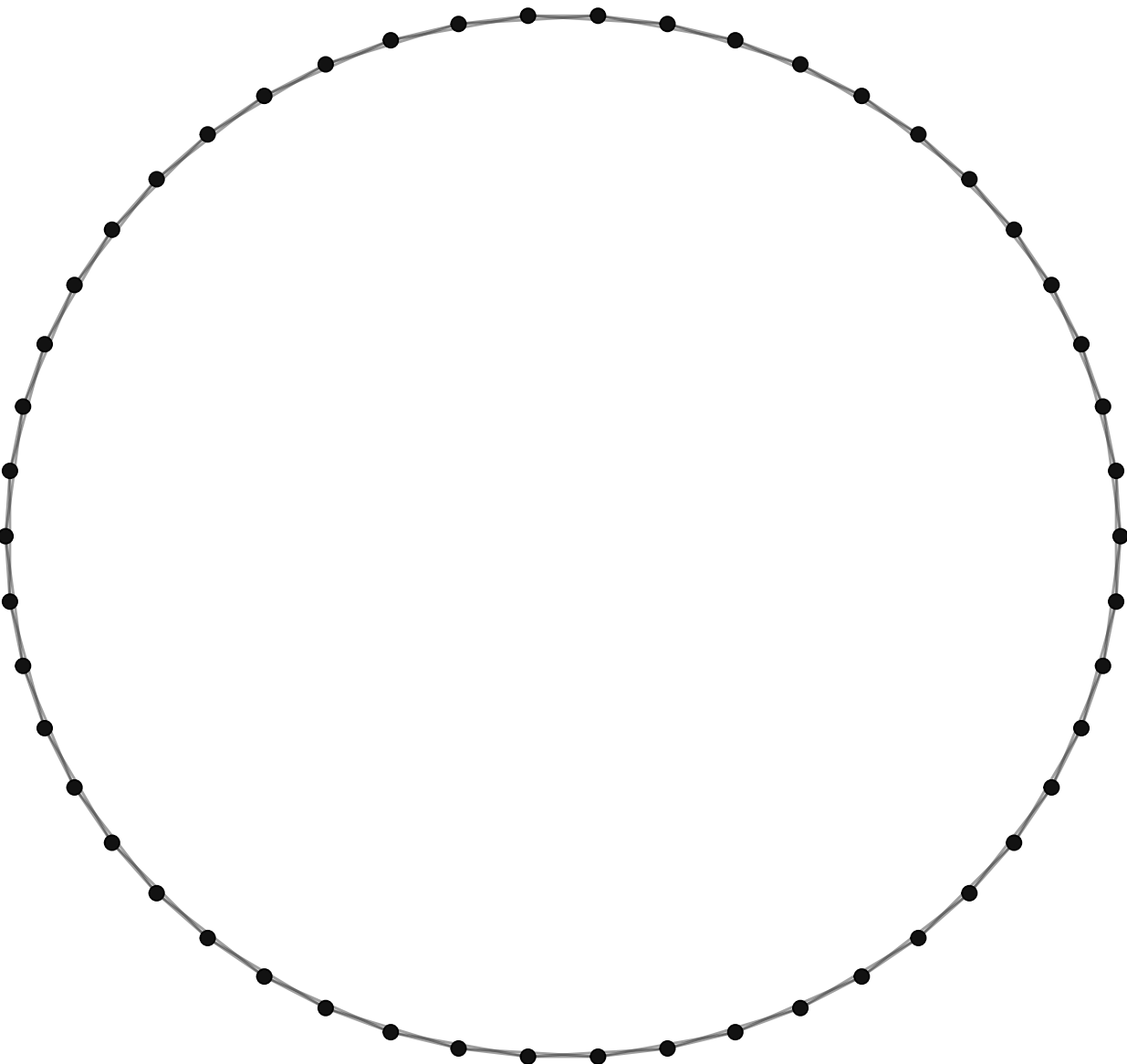
Ring graph

Starring Naomi Watts

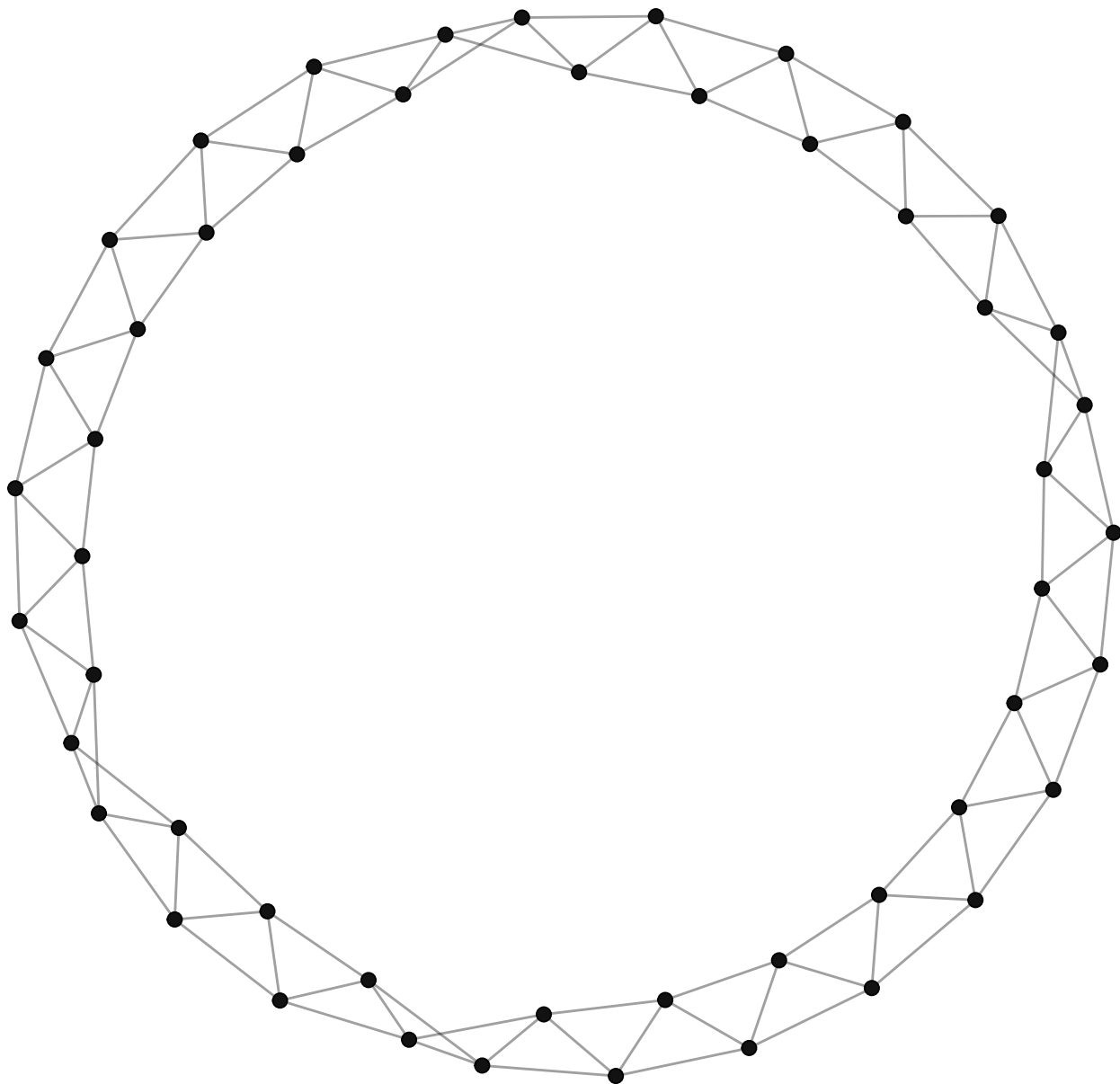


The Ring Two

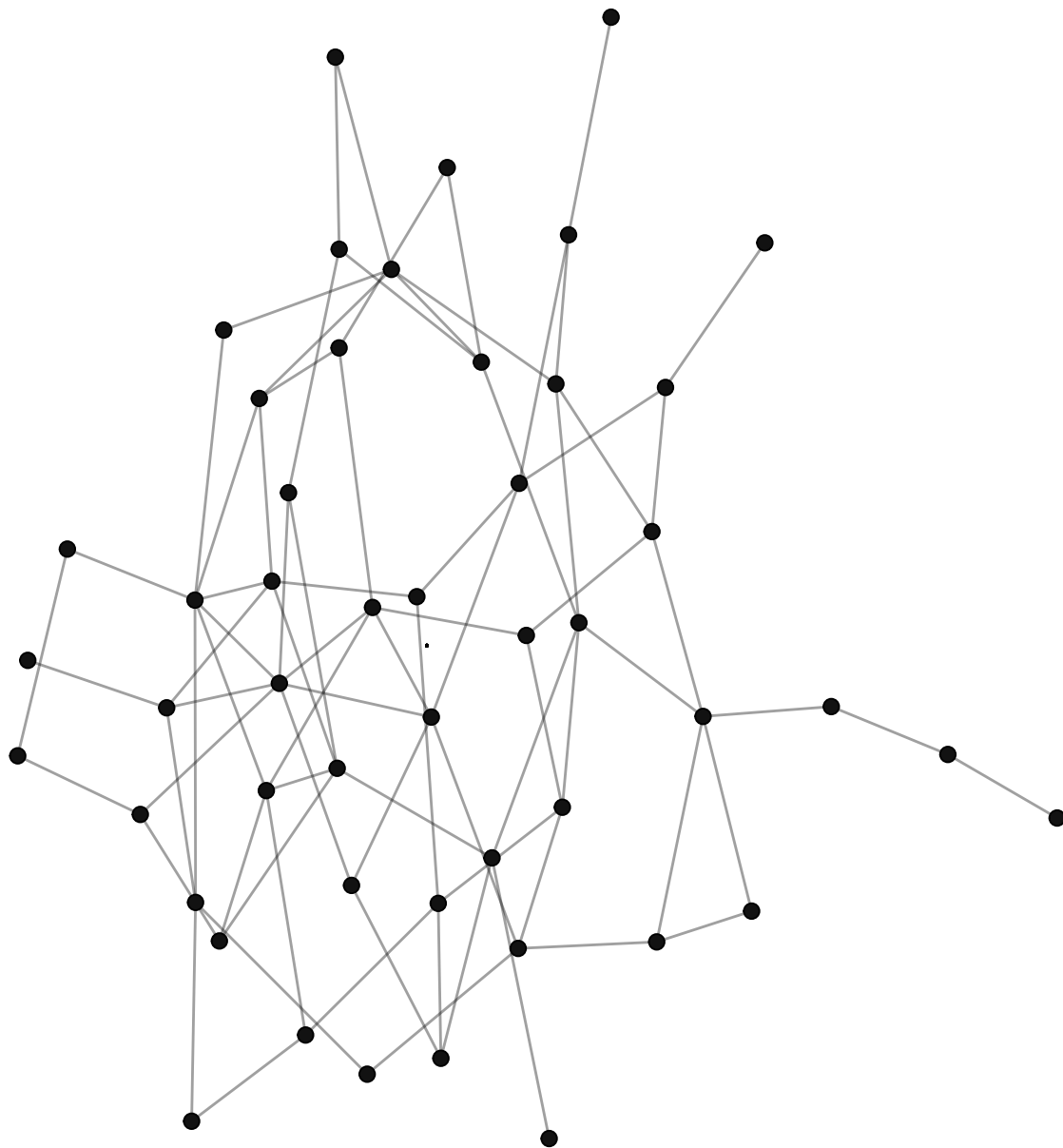
No different?



The Ring Two v2.0



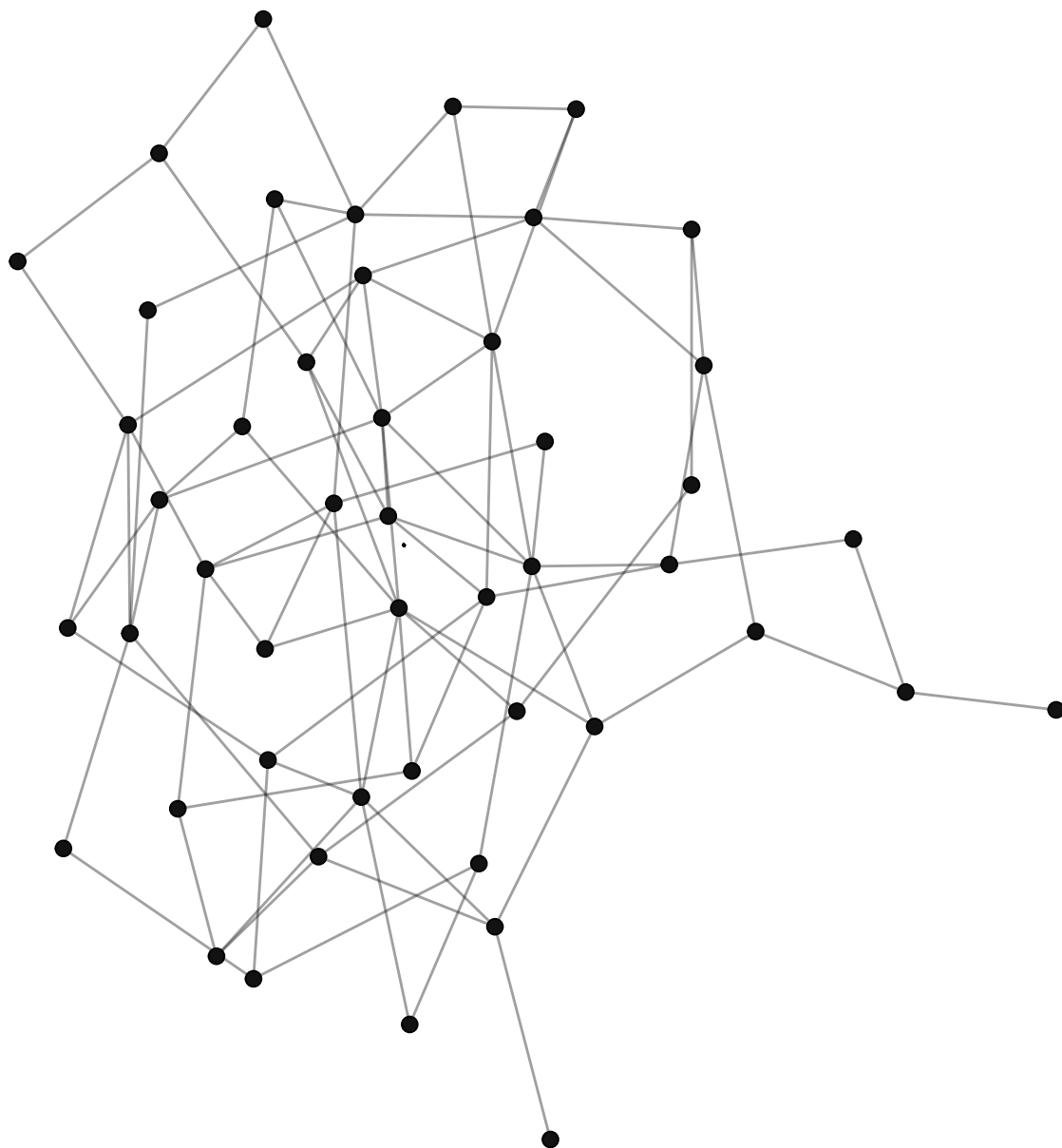
Random 1 graph



+ Isolates

5

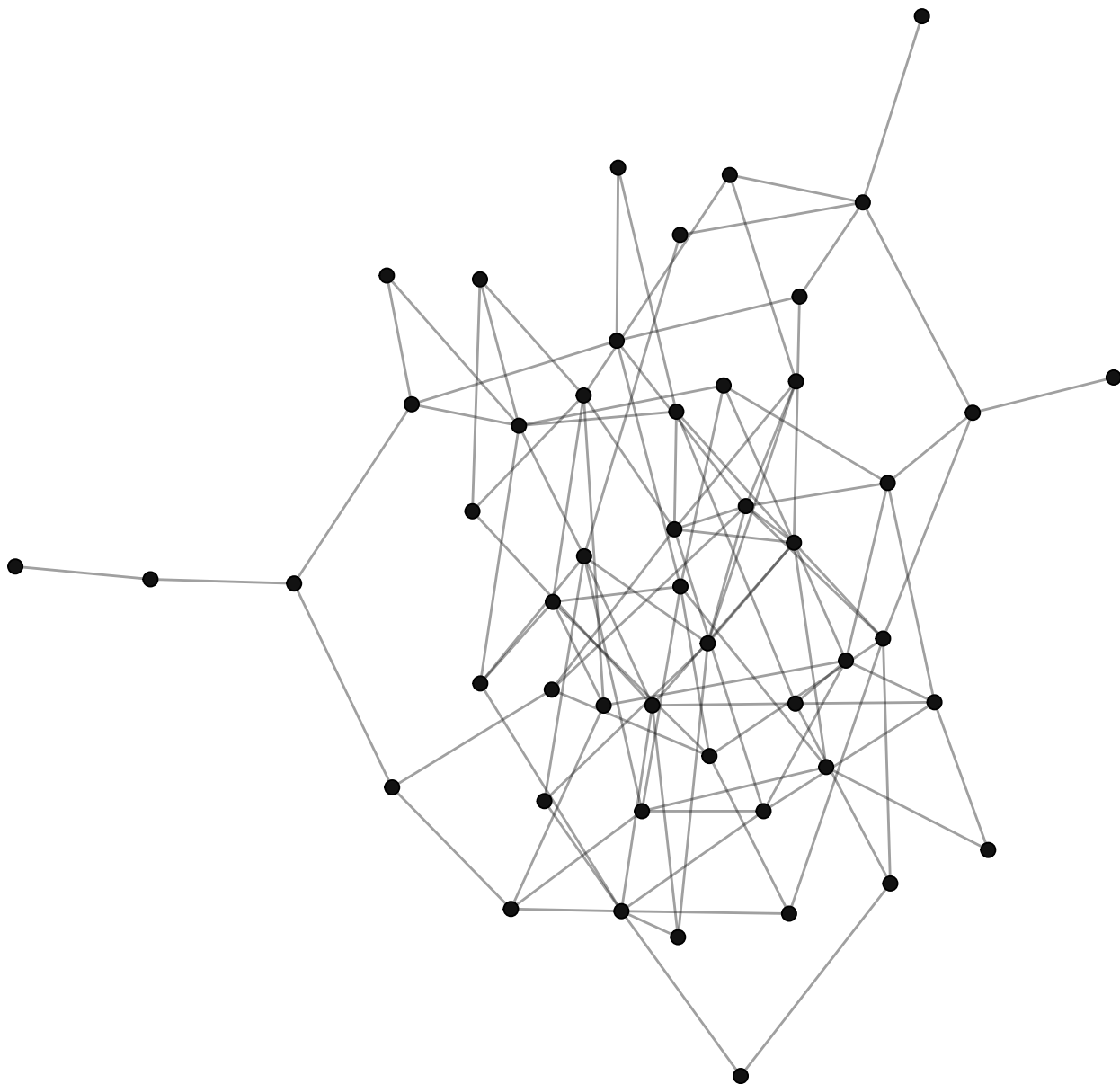
Random 2 graph



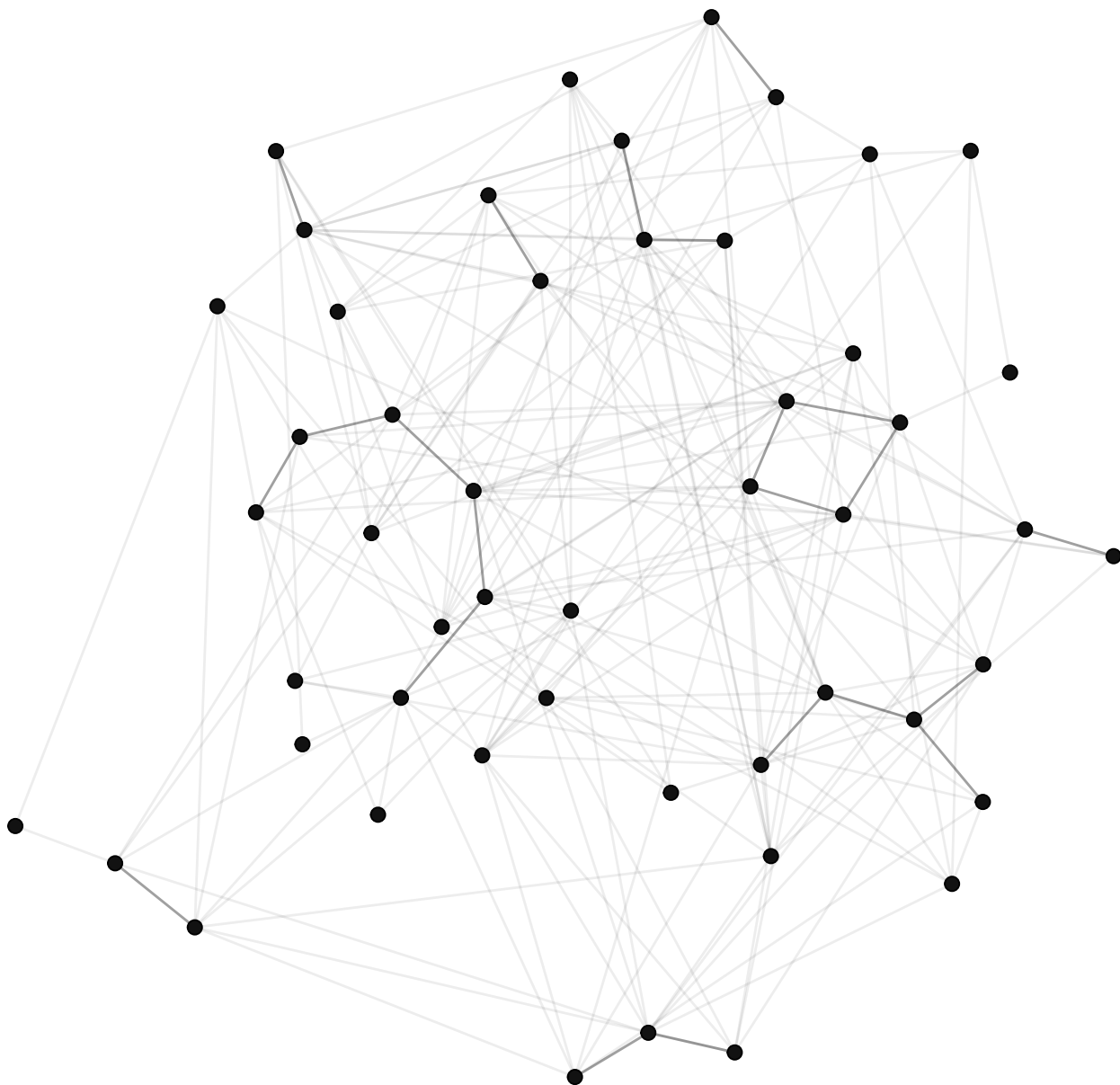
+ Isolates

5
25

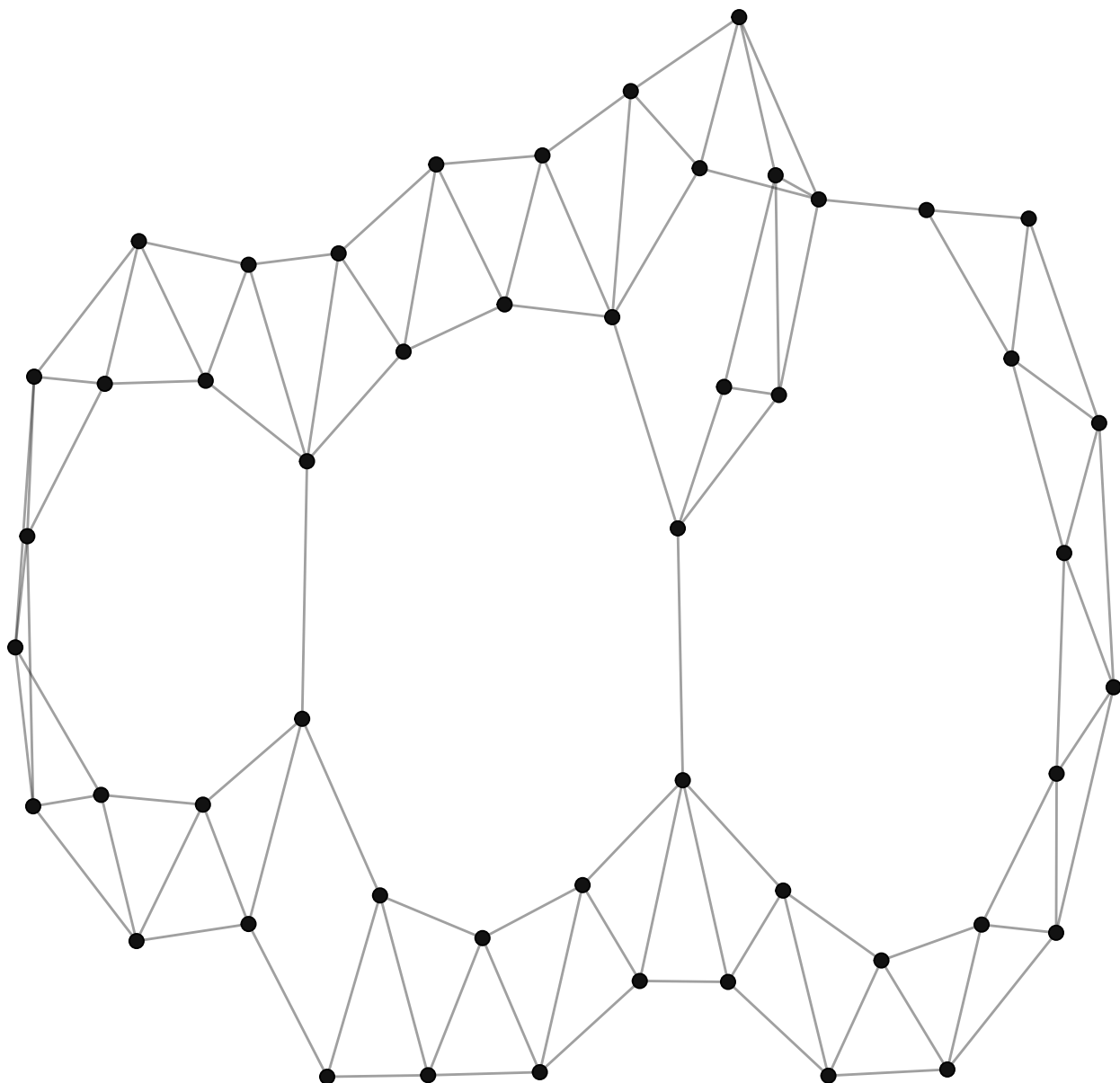
Random 3 graph



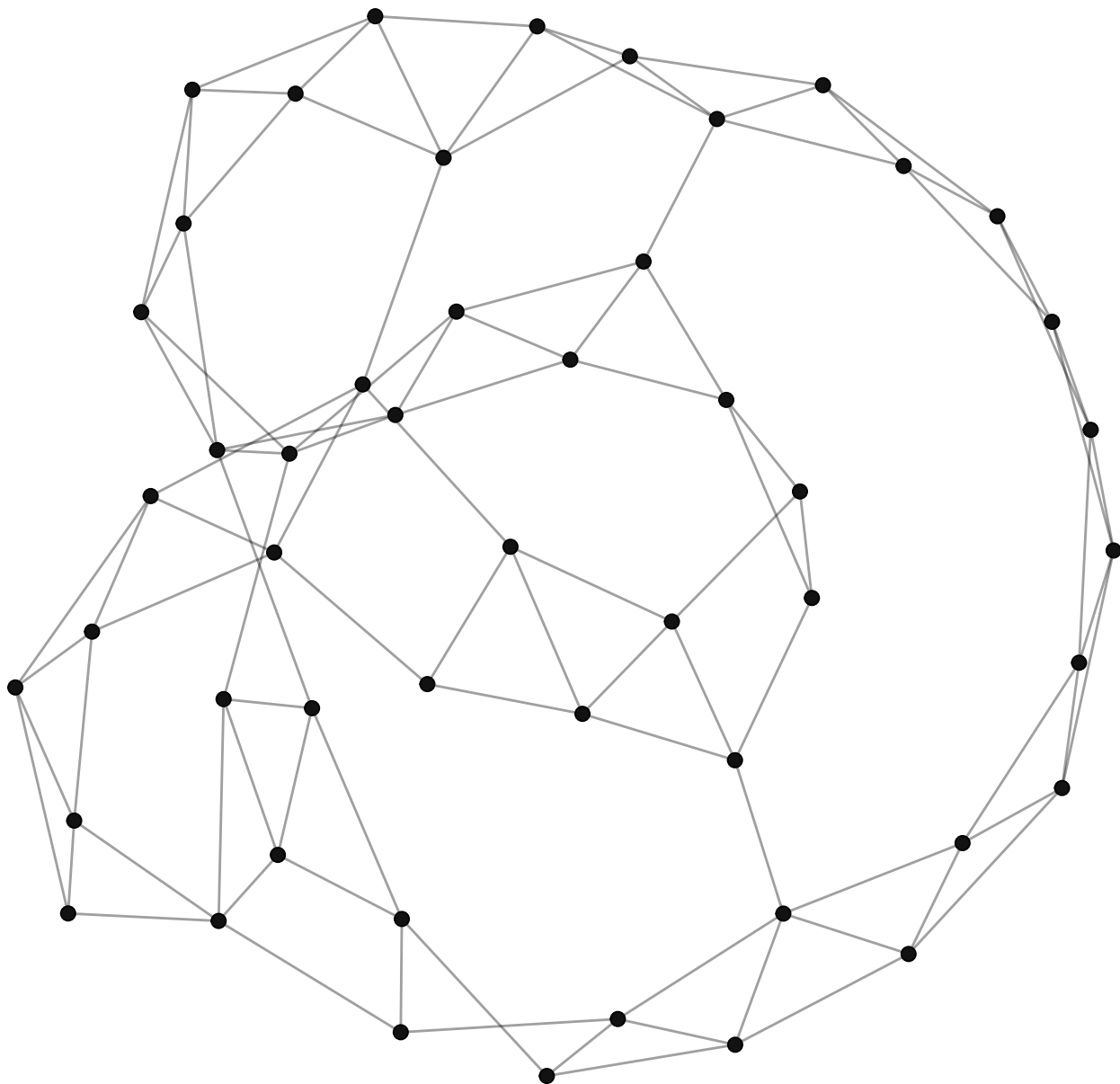
Random 1 graph



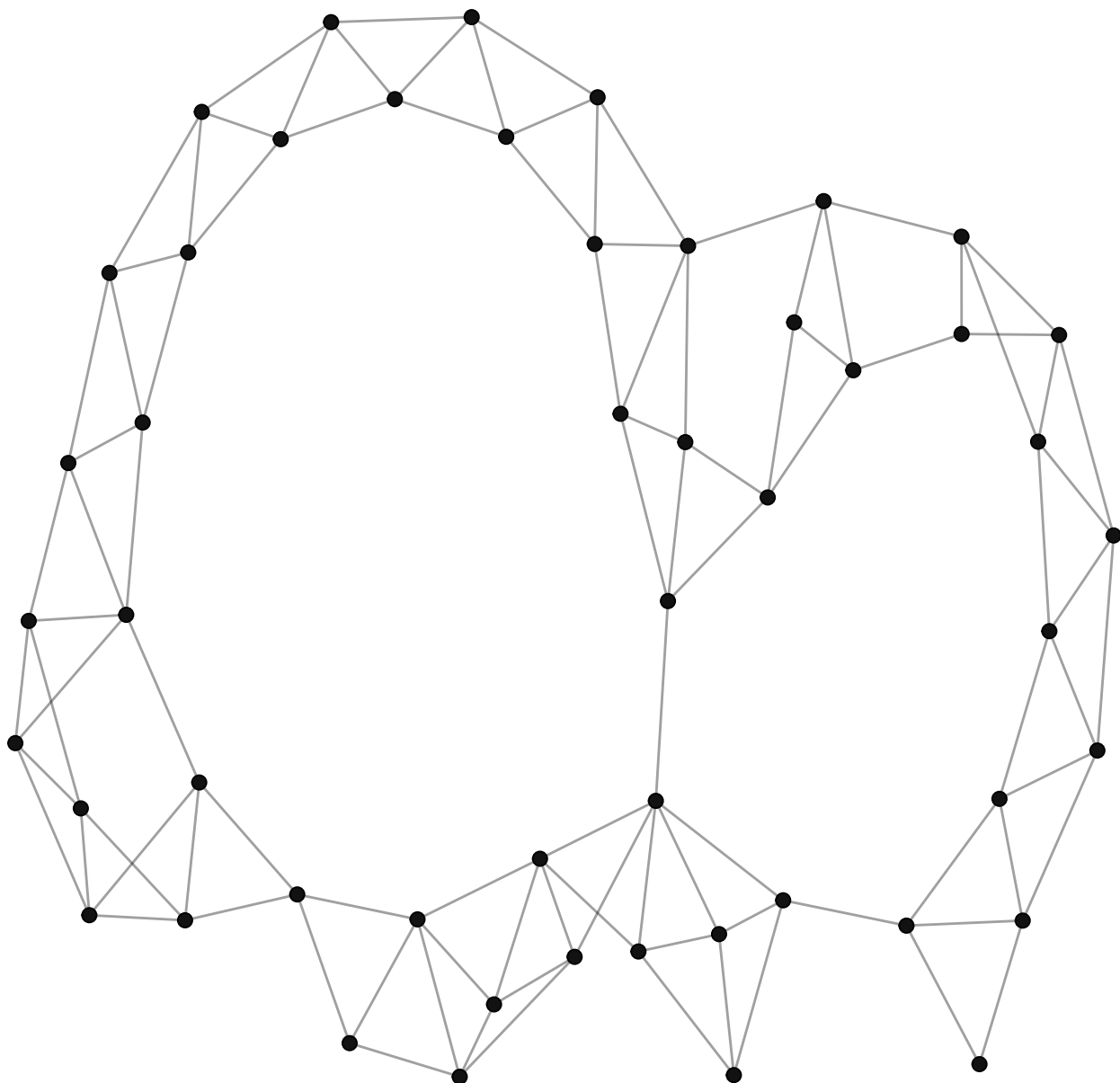
Smallworld 1 graph



Smallworld 2 graph

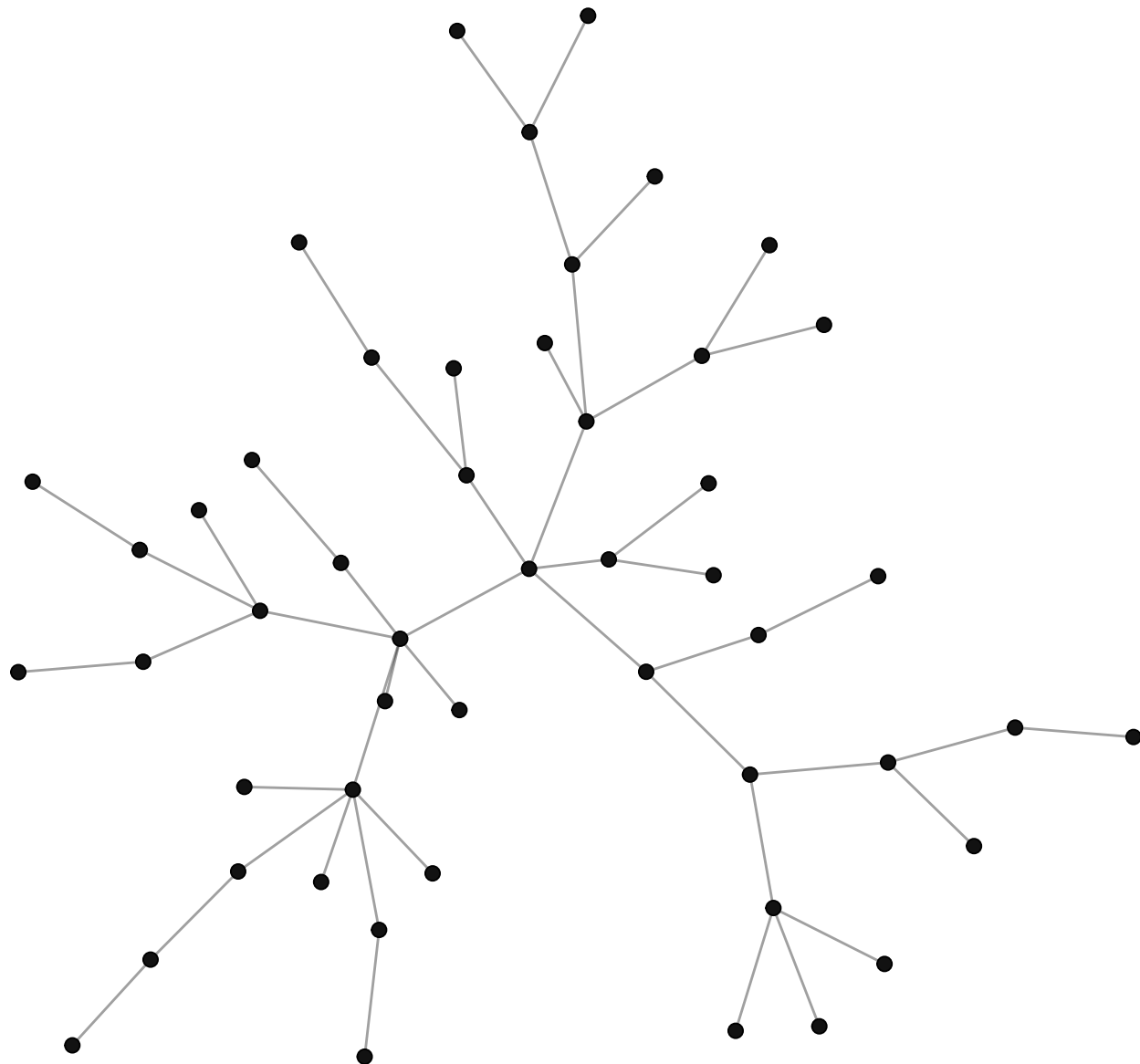


Smallworld 3 graph



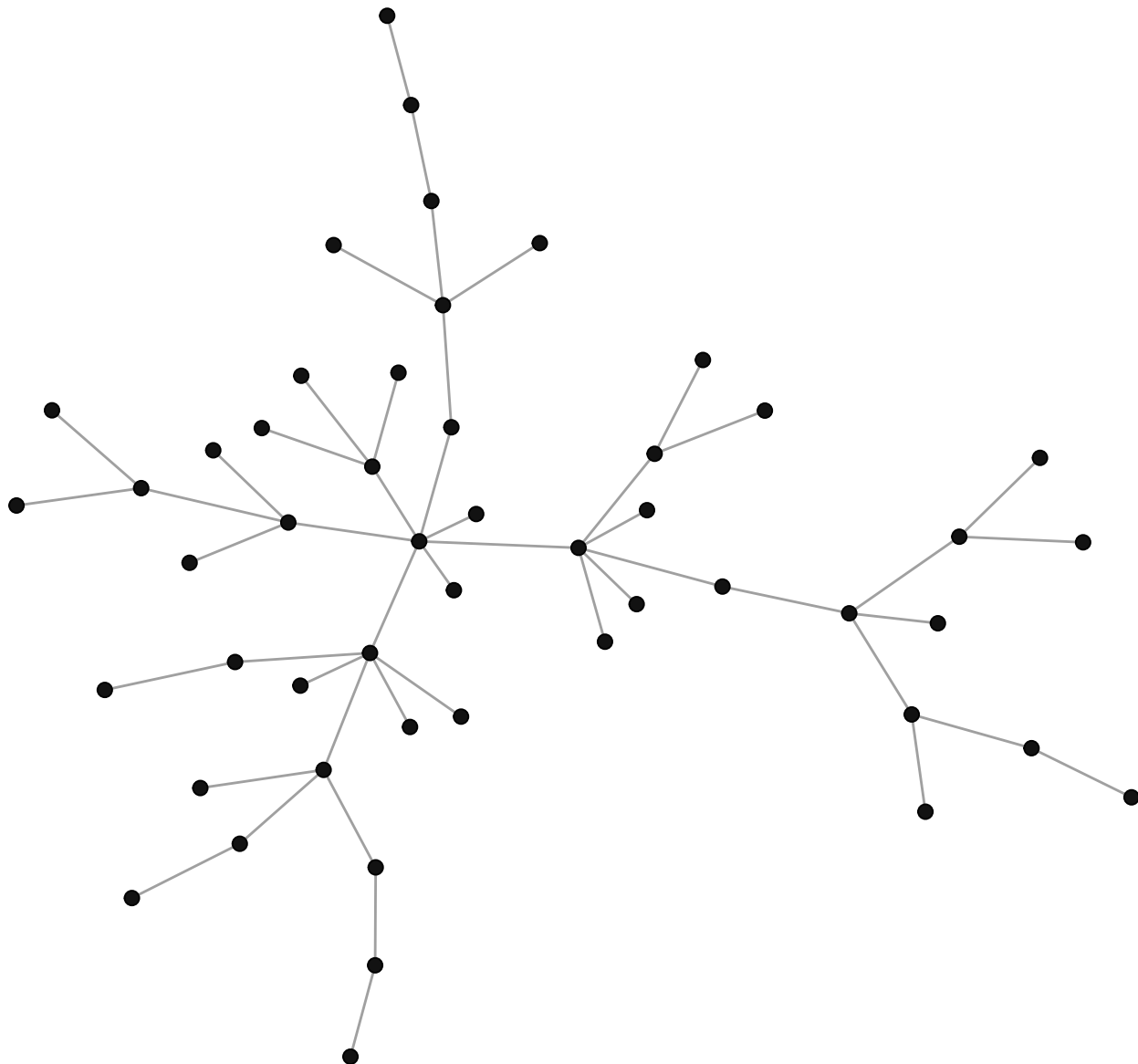
Scalefree 1 graph

Power = .5



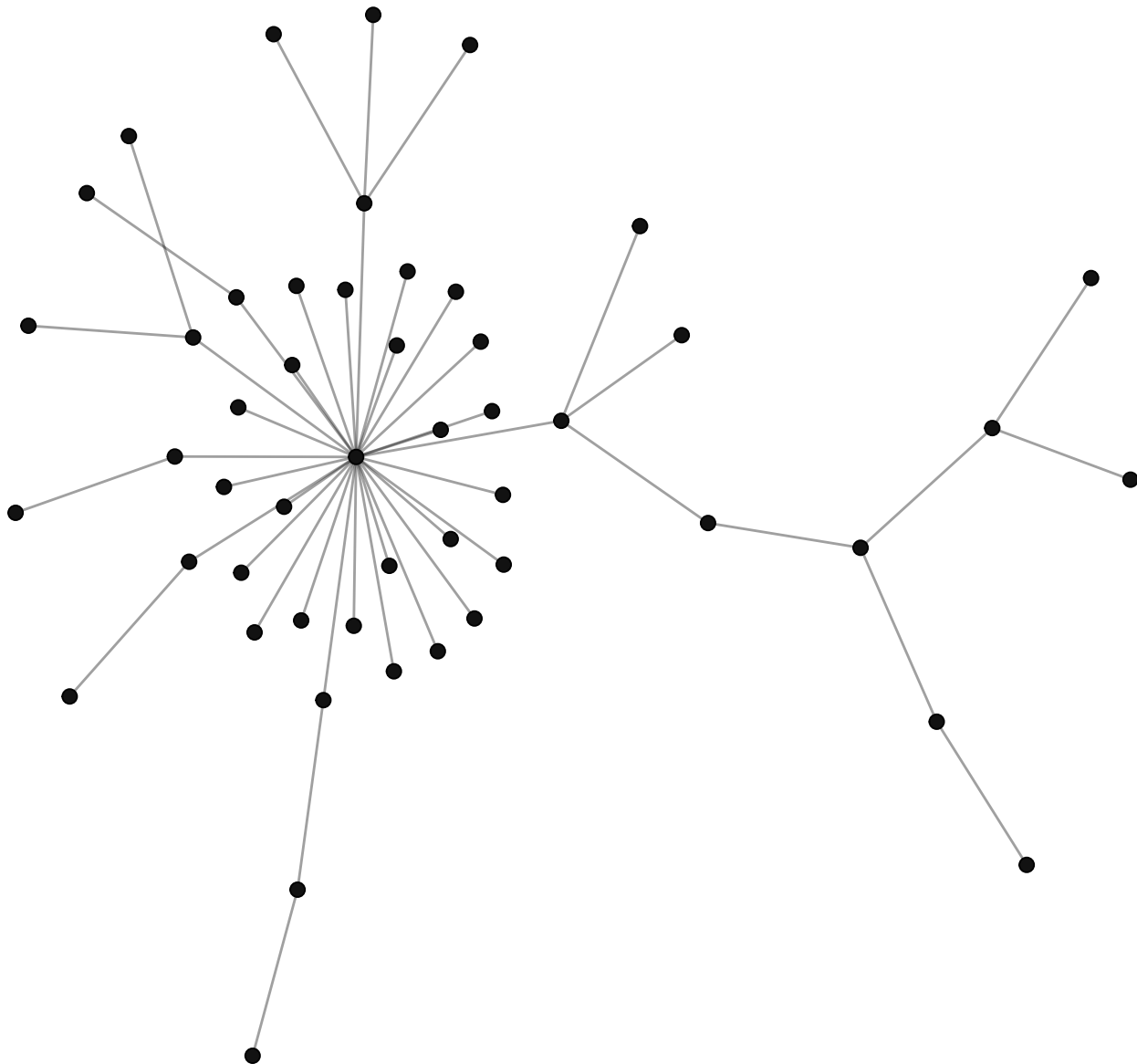
Scalefree 2 graph

Power = 1

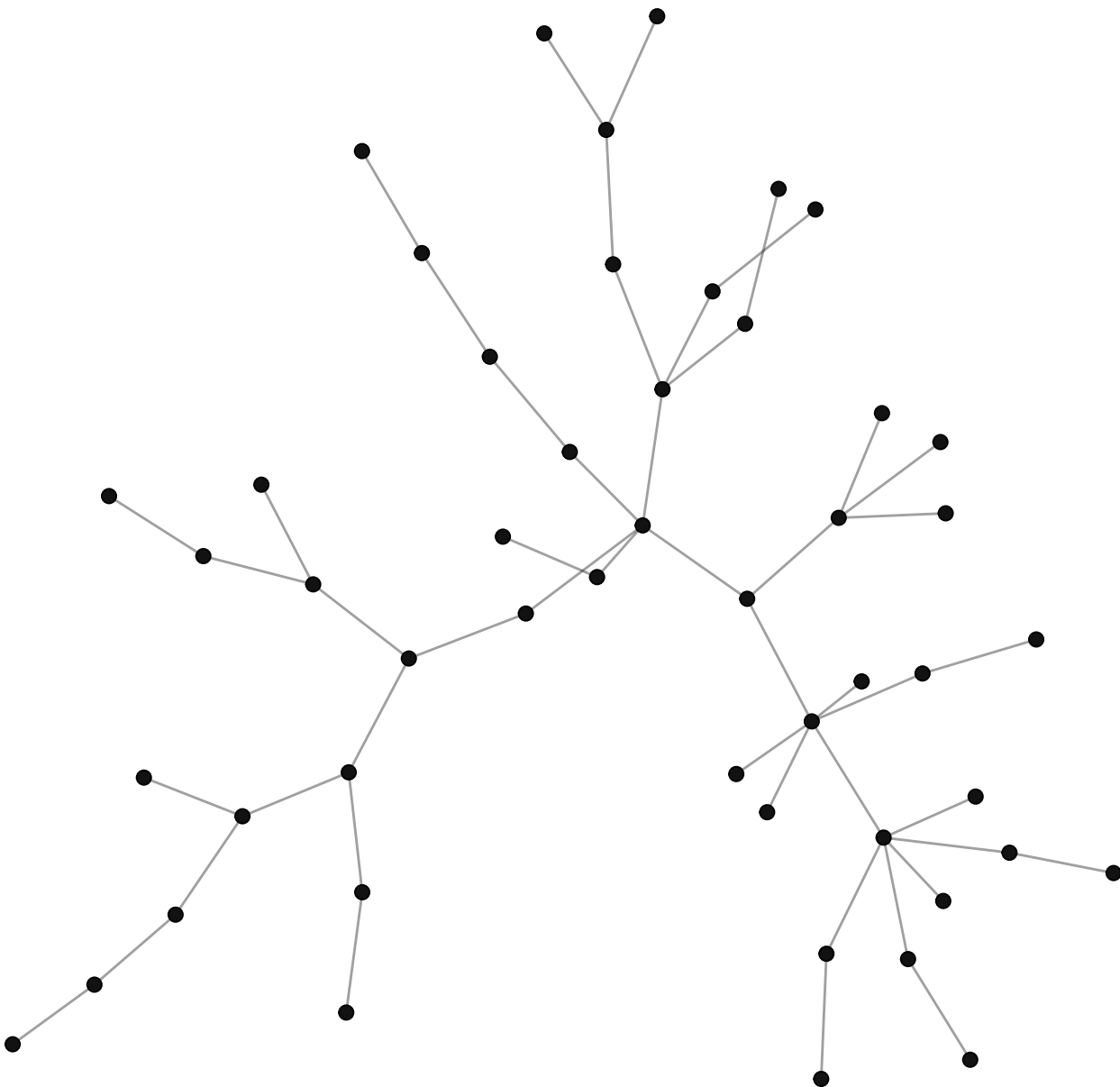


Scalefree 3 graph

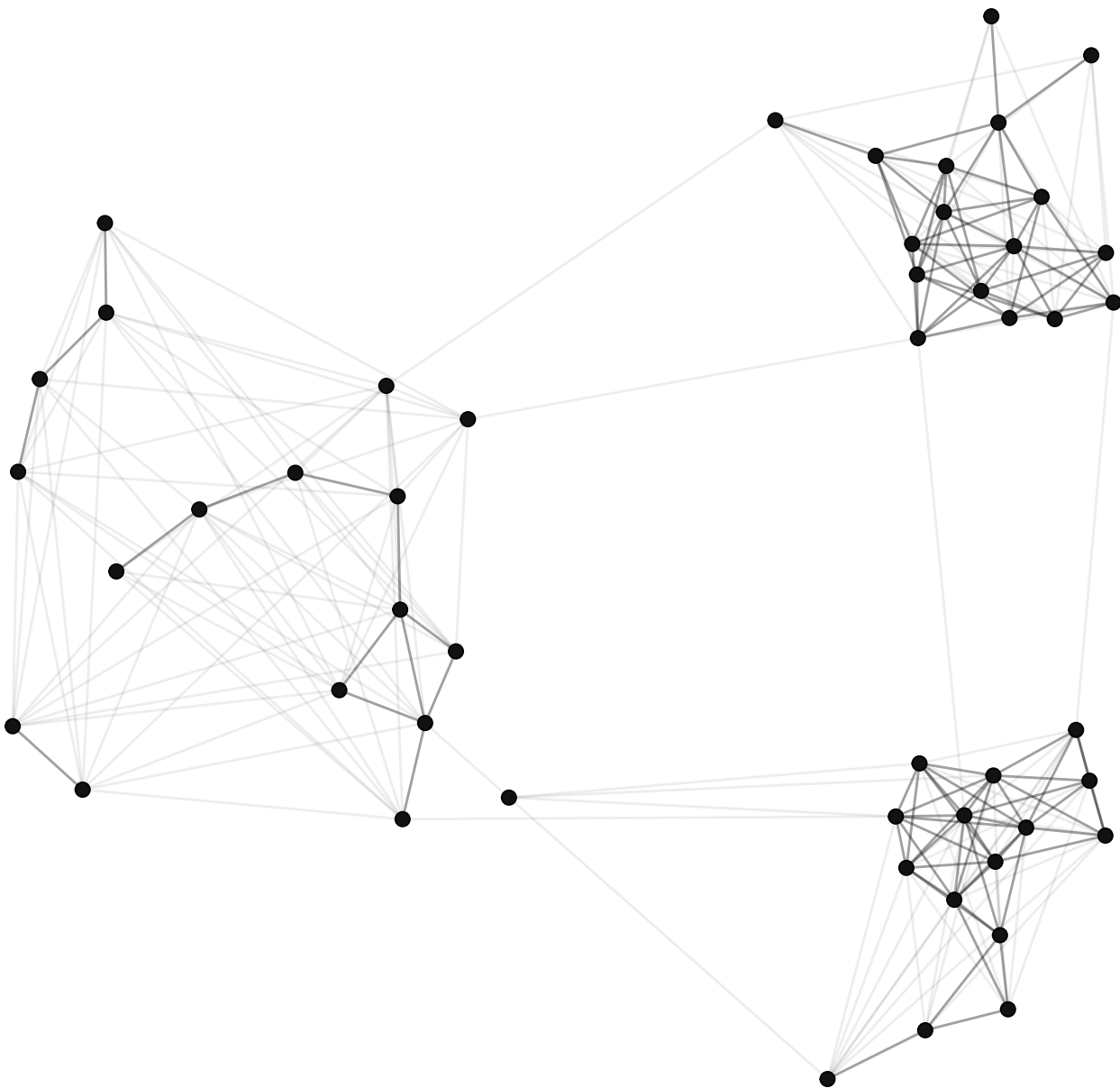
Power = 1.5



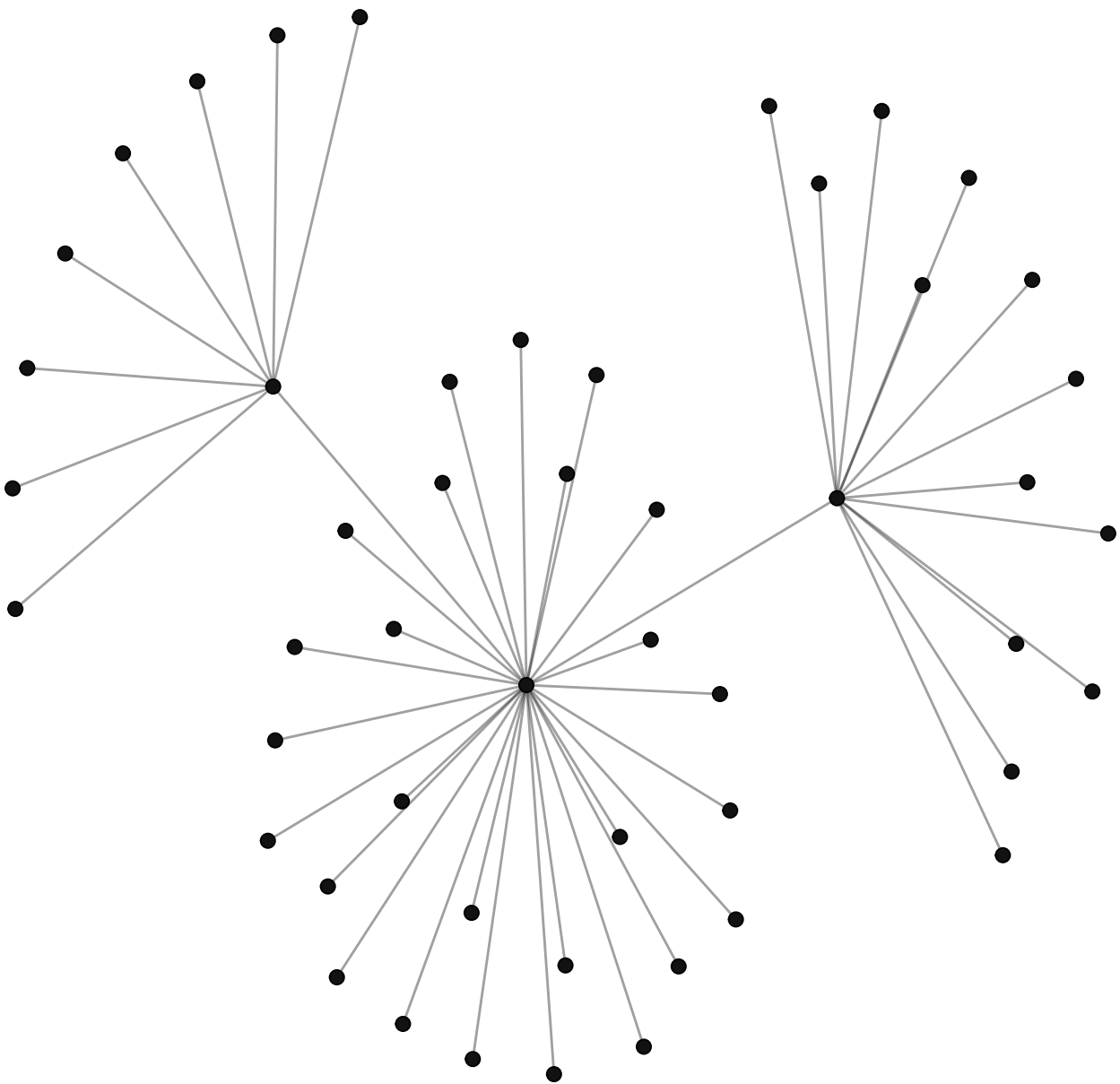
Forest fire



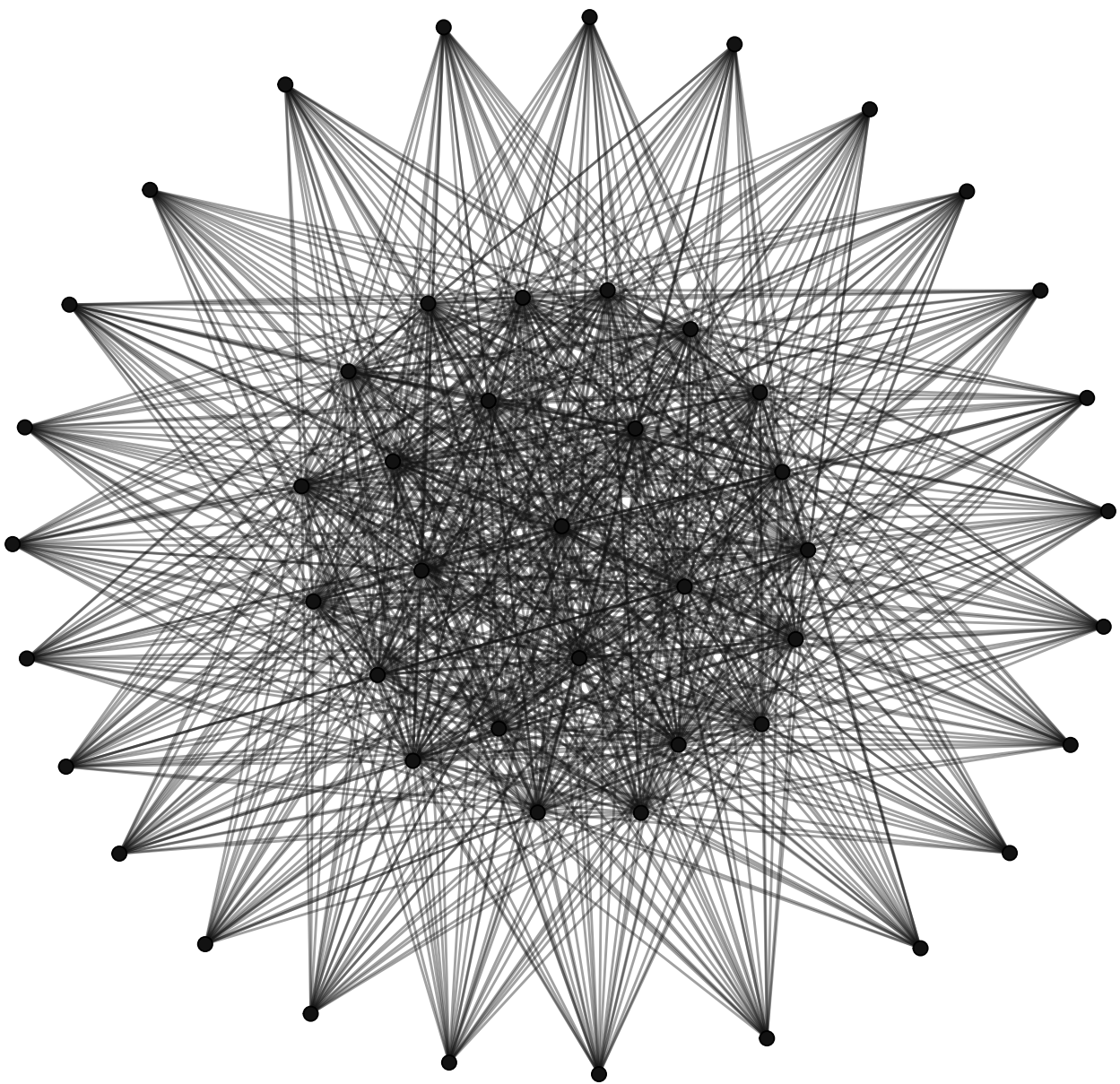
Islands

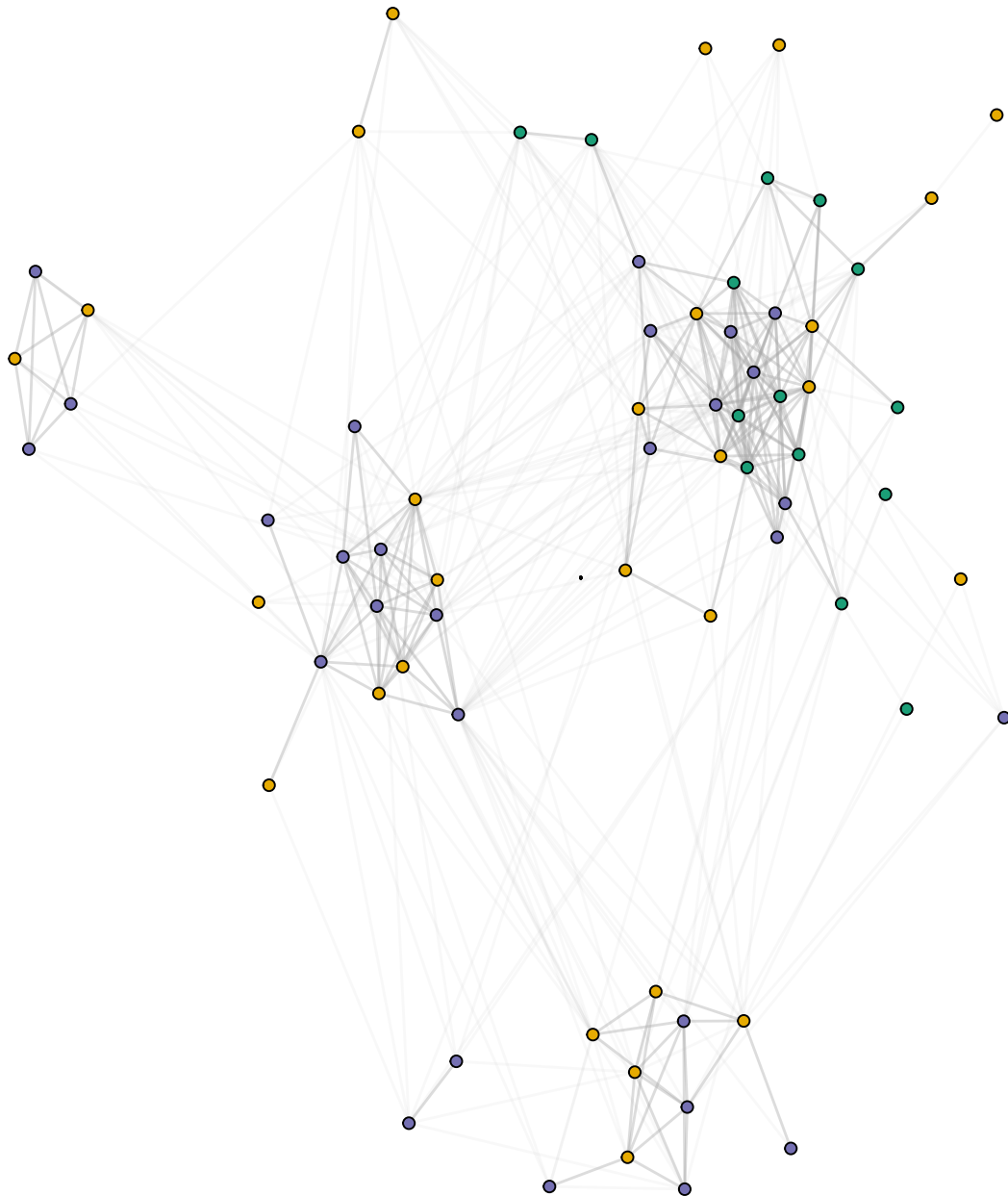


Citations



Core





school

● Harvard/Yale

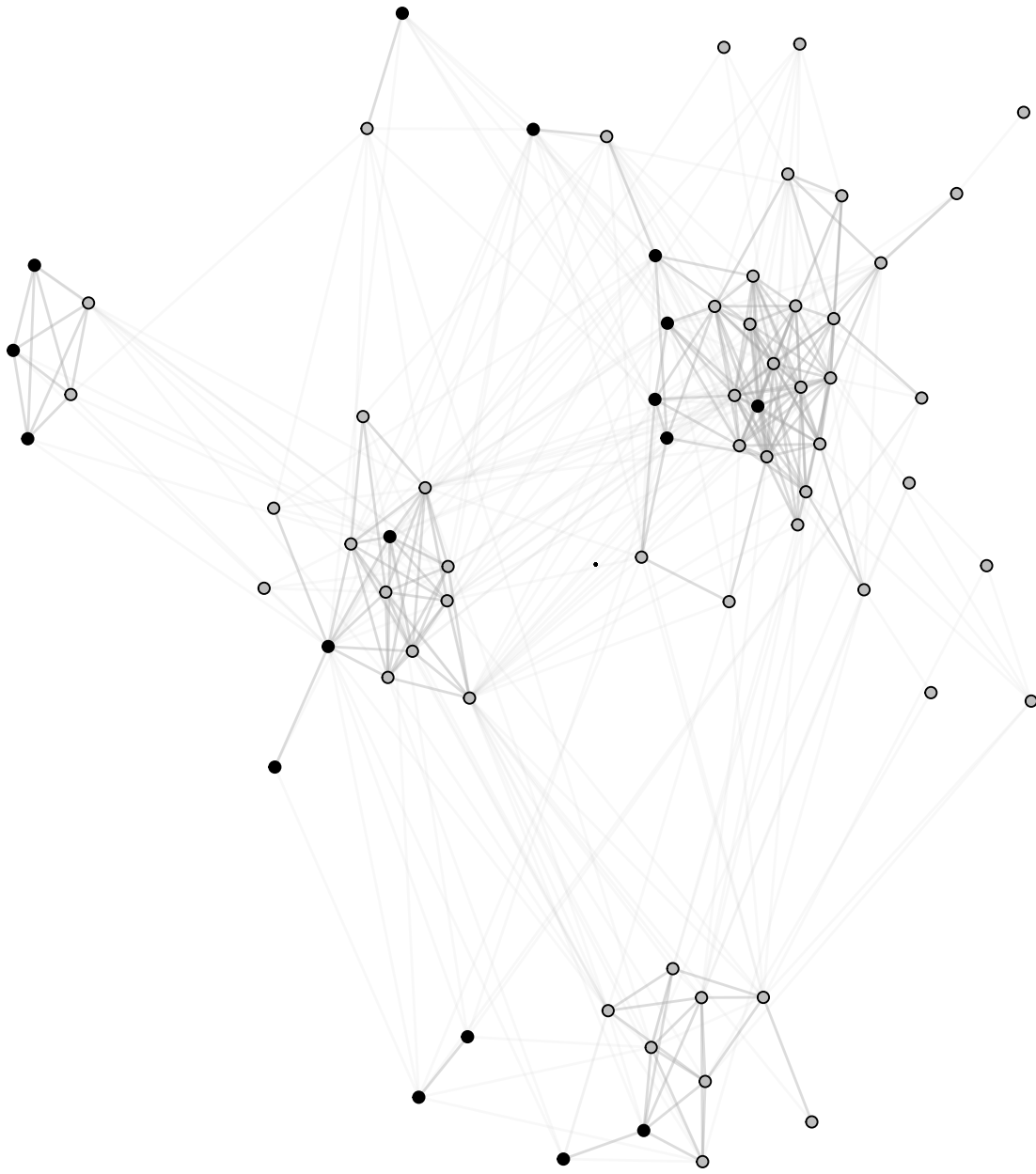
● Other

● UConn

+ Isolates

44

47



gender

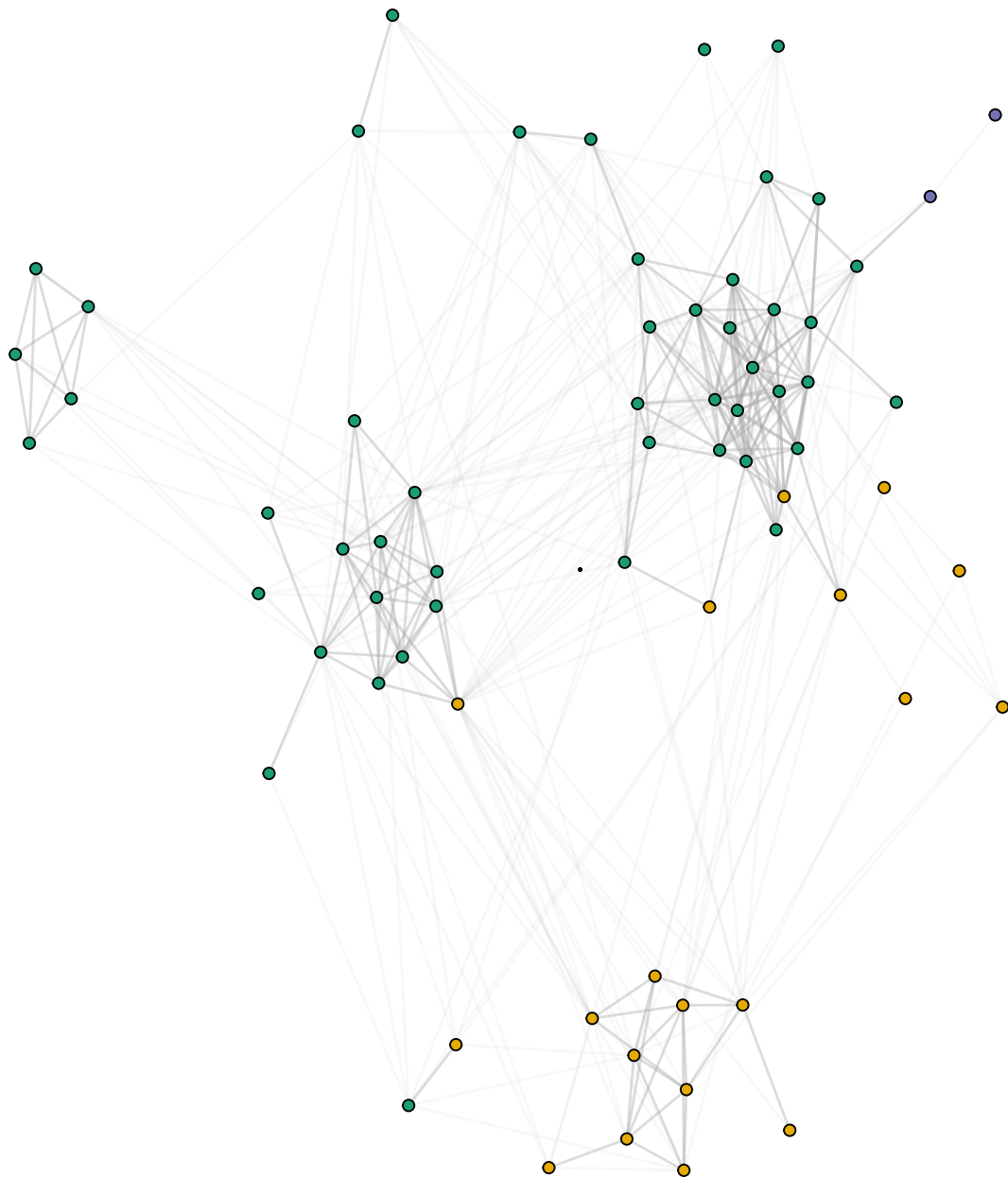
○ man

● woman

+ Isolates

44

47



office

● Boston

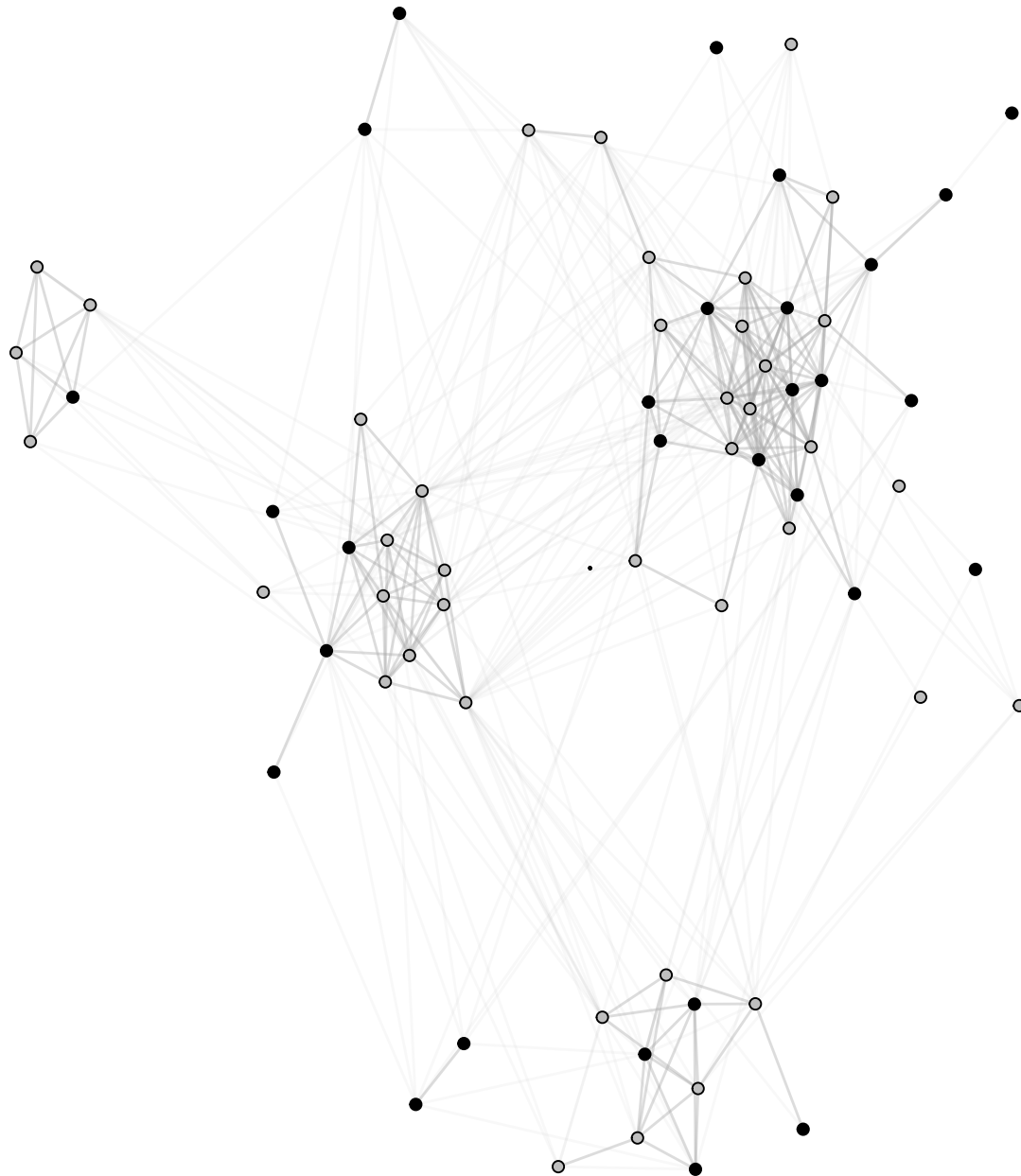
● Hartford

● Providence

+ Isolates

44

47



practice

○ litigation

● corporate

+ Isolates

44

47



nc

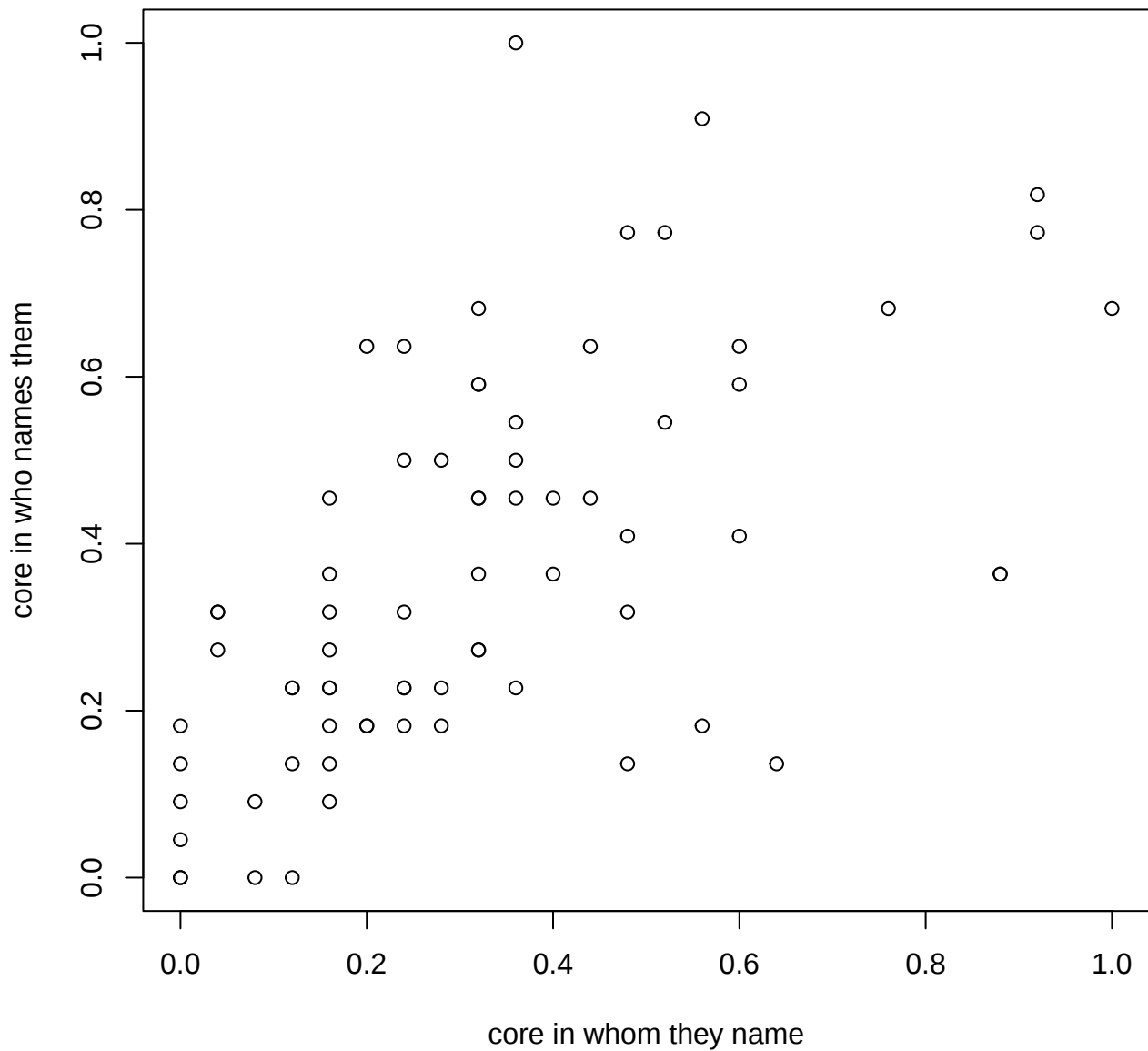
○ FALSE

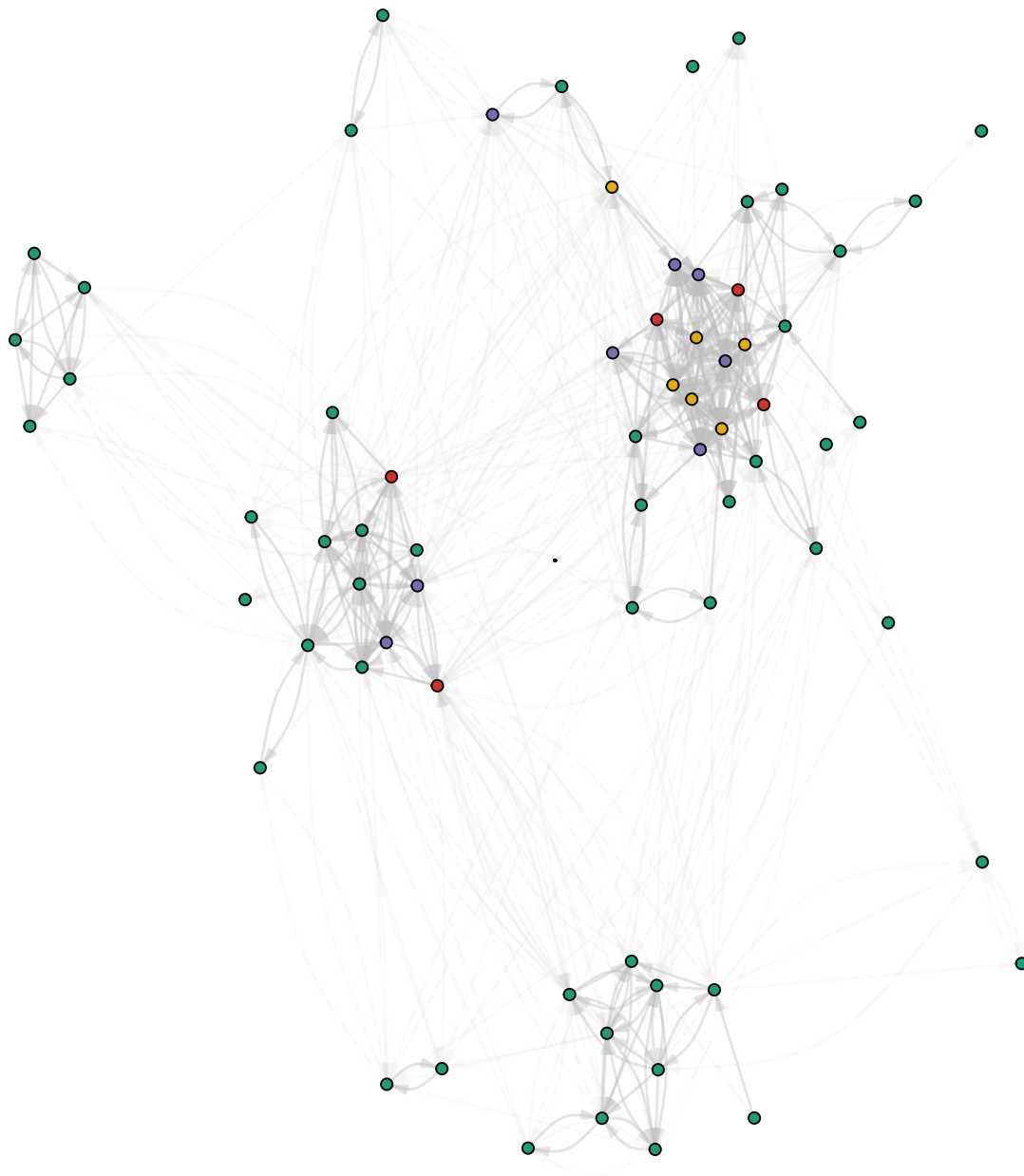
● TRUE

+ Isolates

44

47





cp

● Periphery

● Core

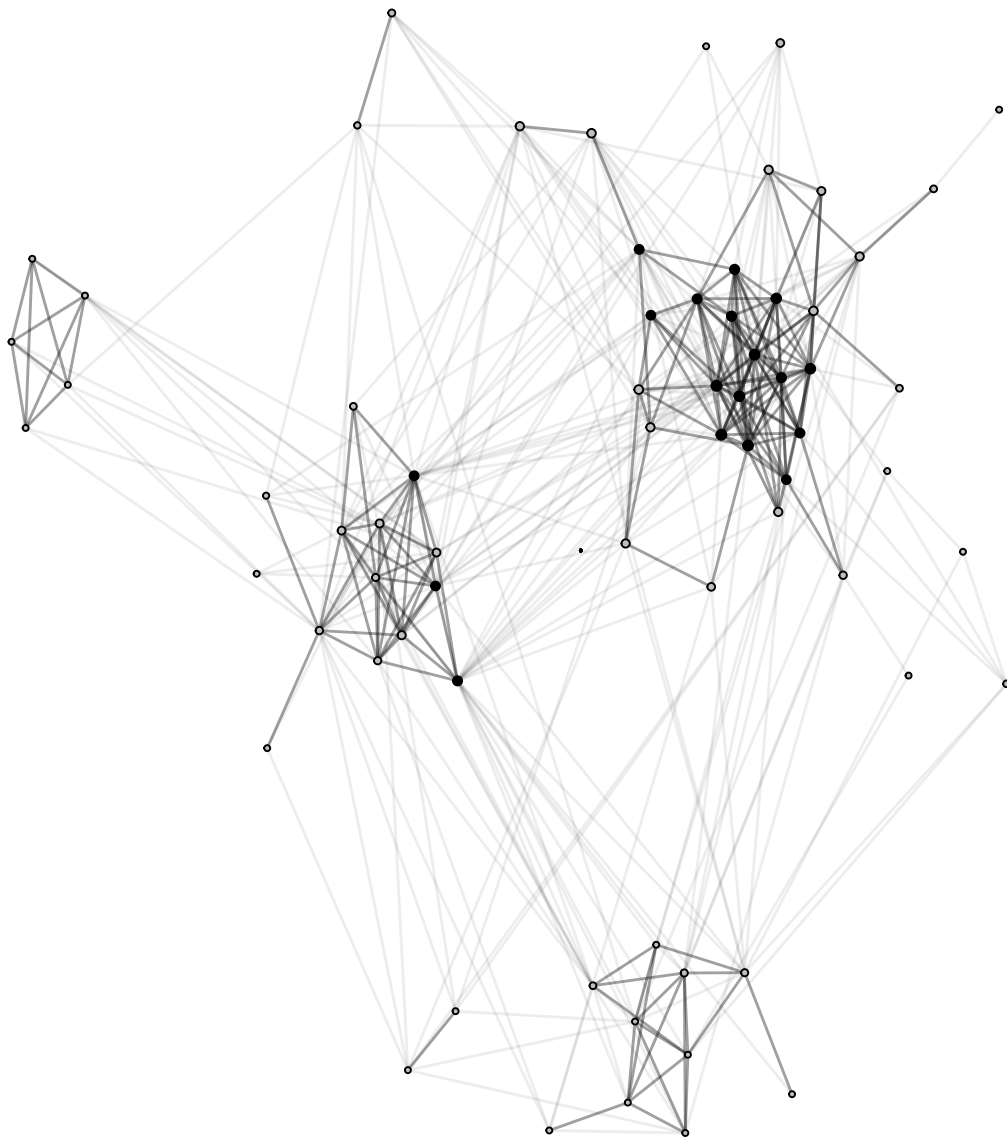
● Receiver

● Sender

+ Isolates

44

47



core

○ FALSE

● TRUE

cnness

○ 0.0

○ 2.5

○ 5.0

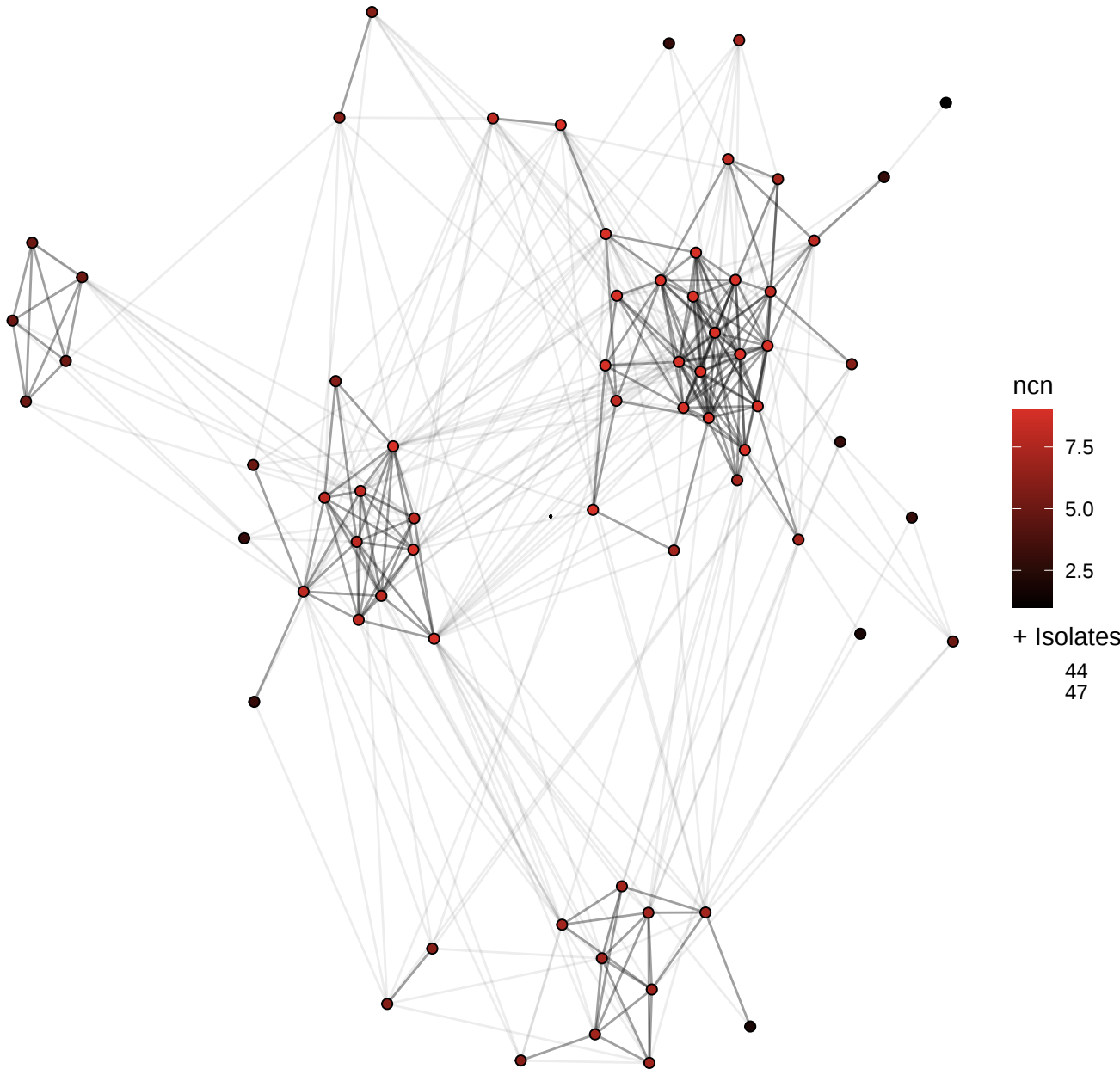
○ 7.5

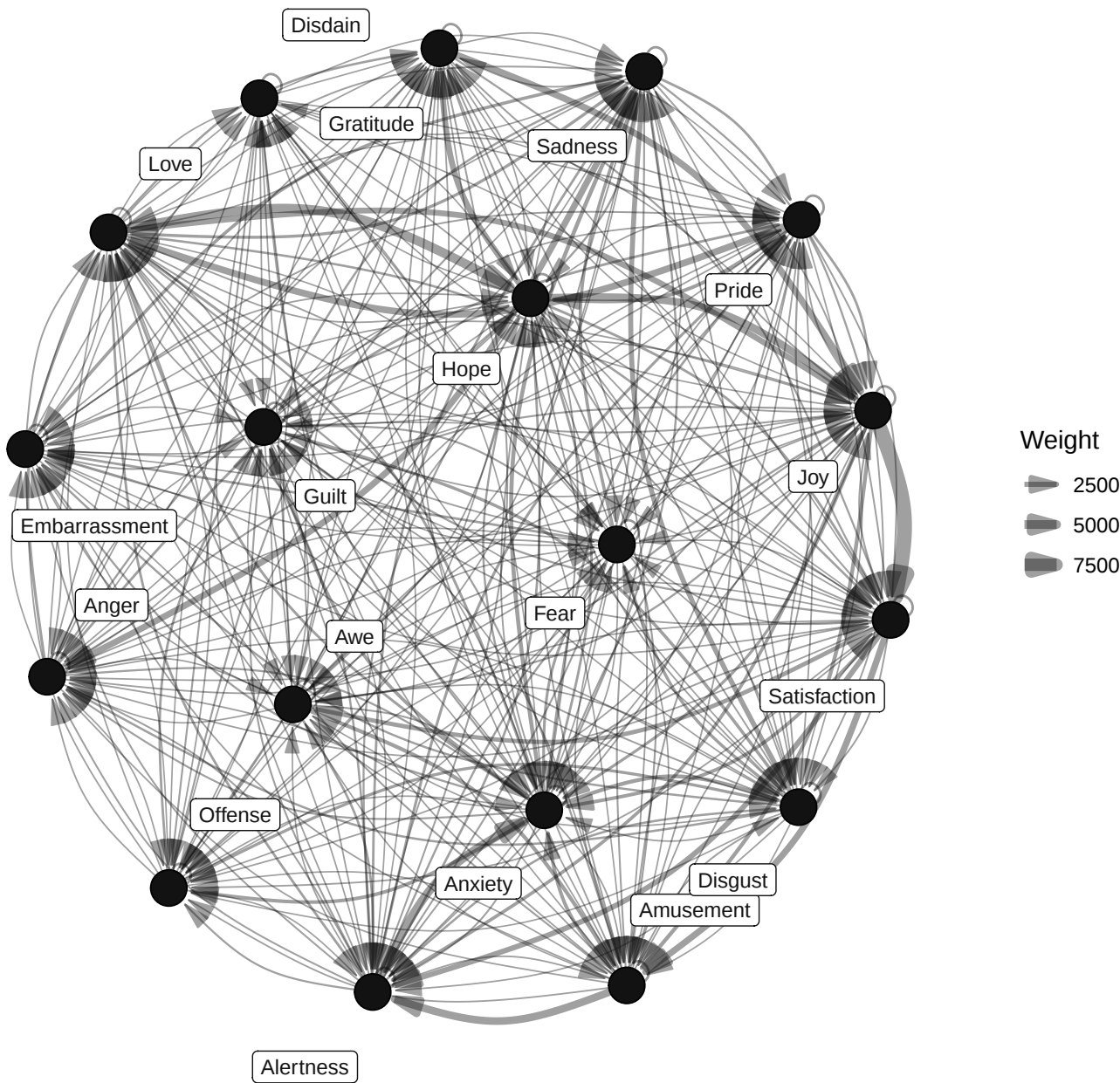
○ 10.0

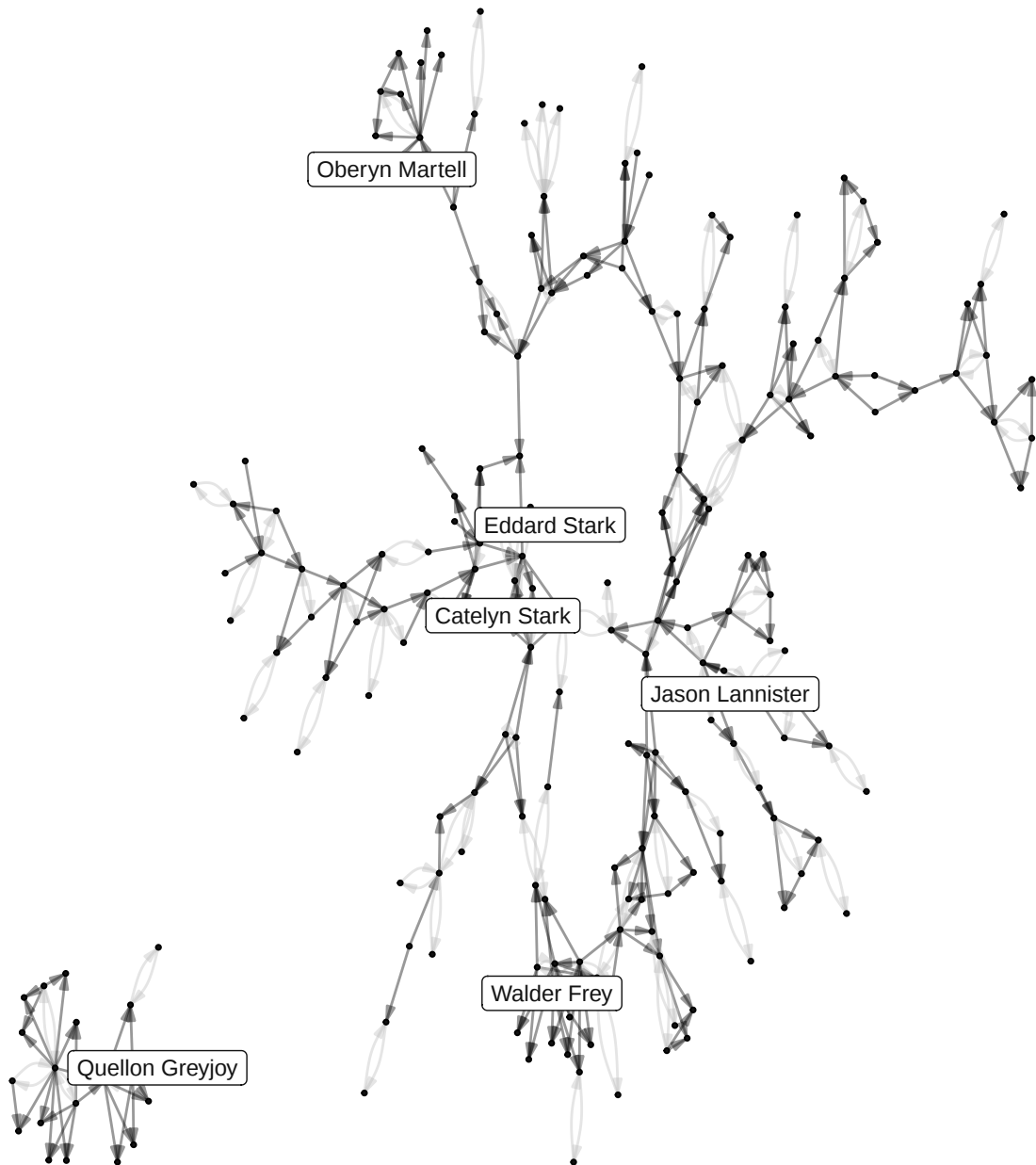
+ Isolates

44

47



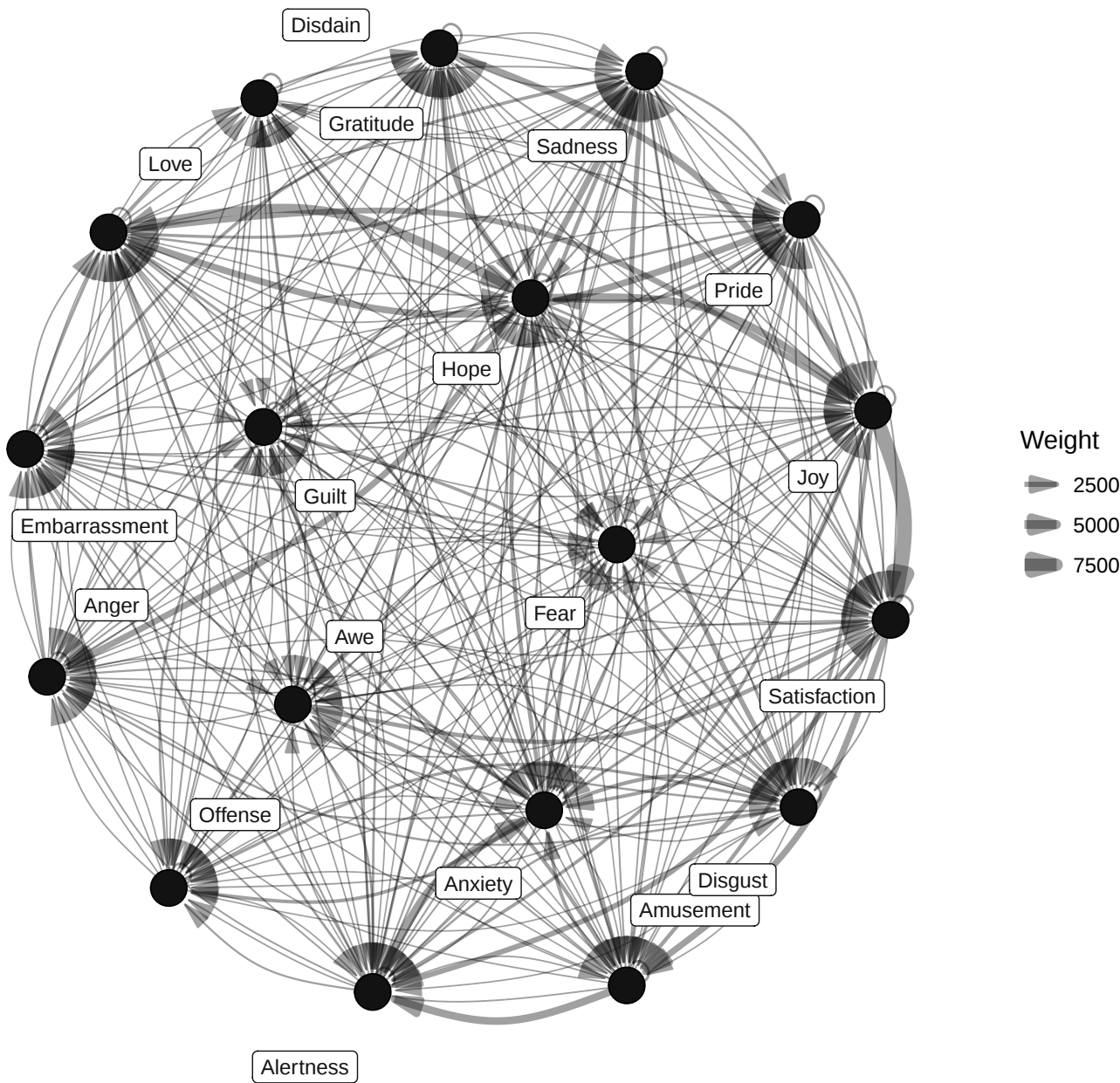


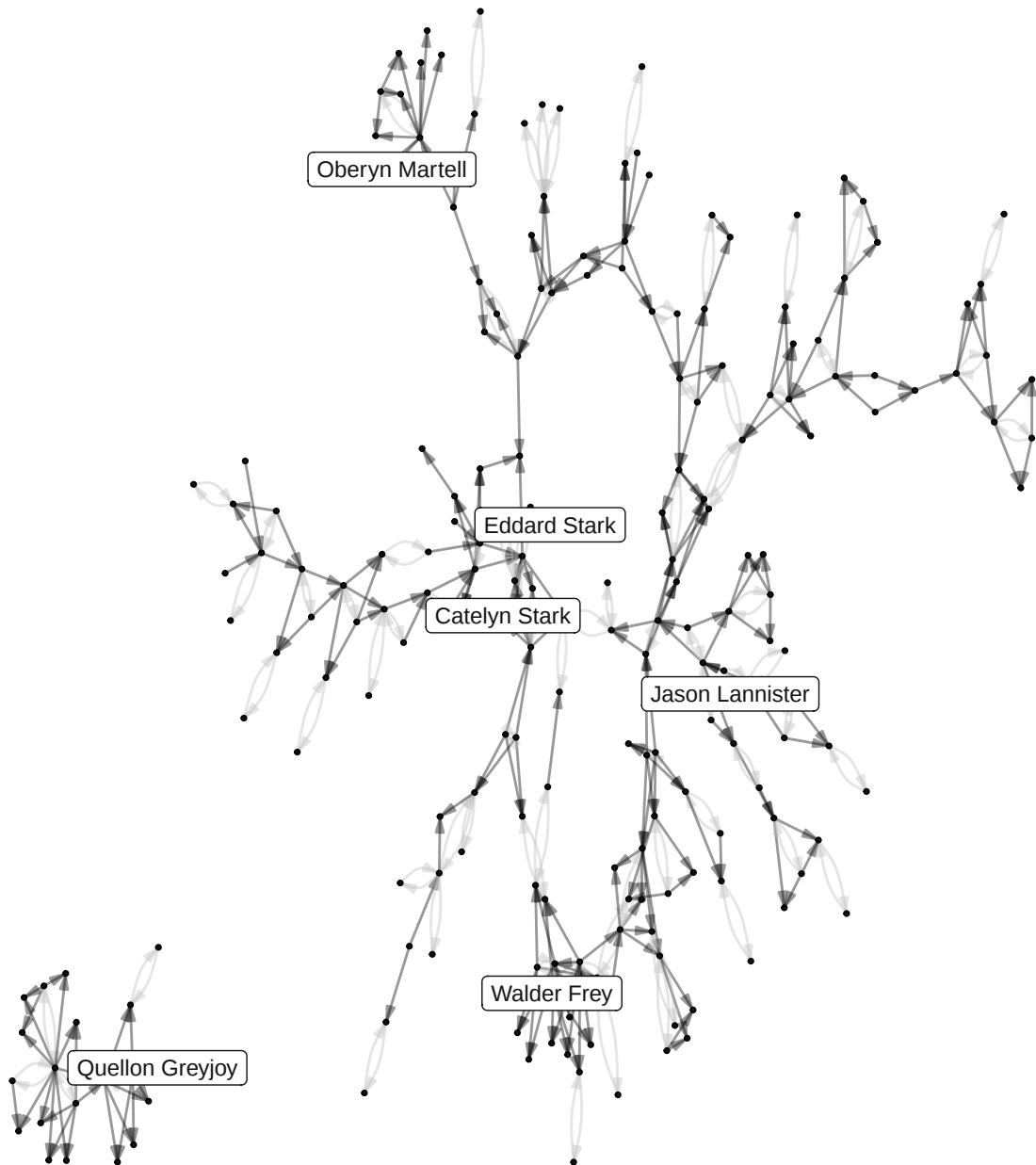


Layer

spouse

parent





Layer

spouse

parent

