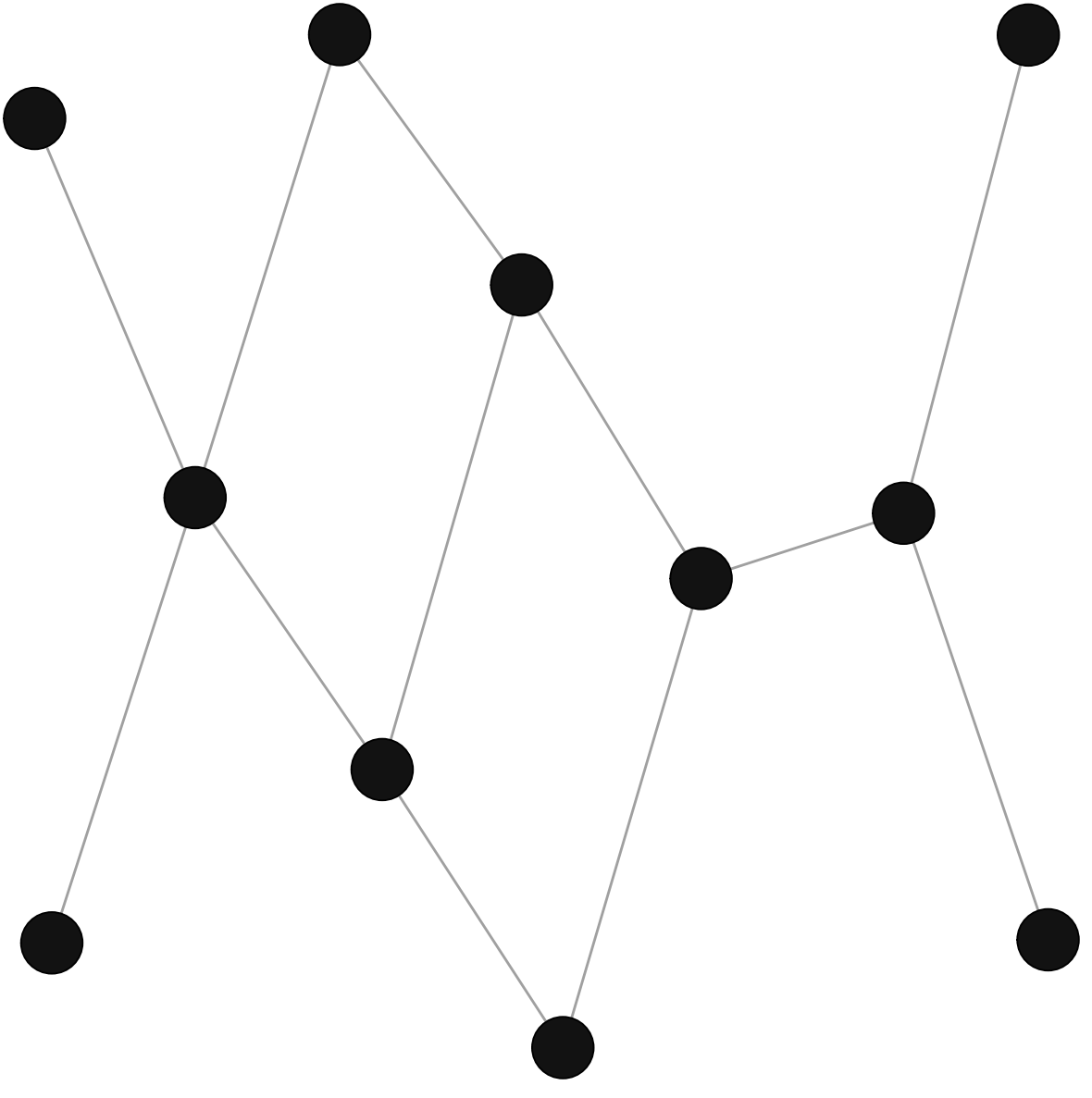
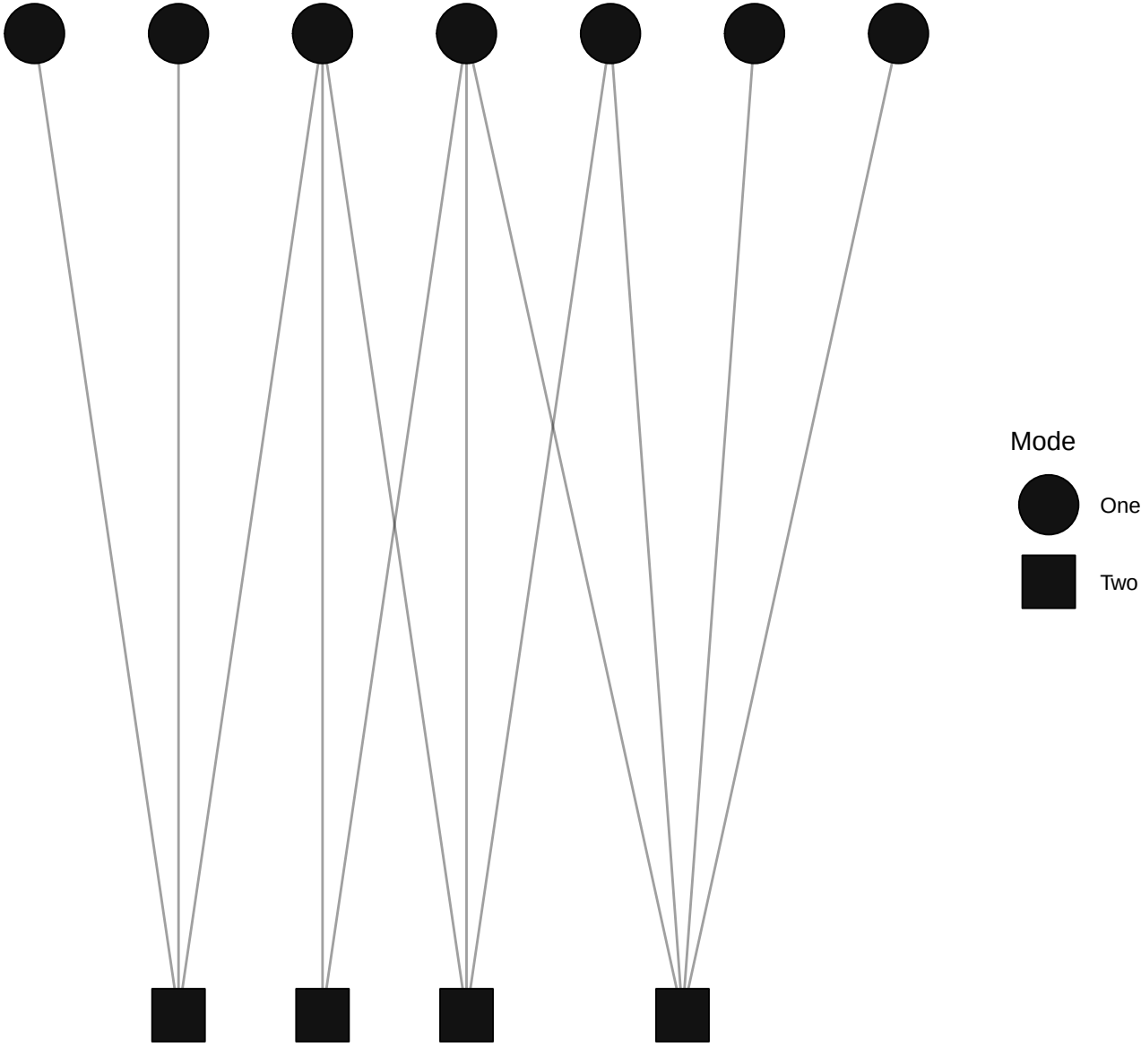
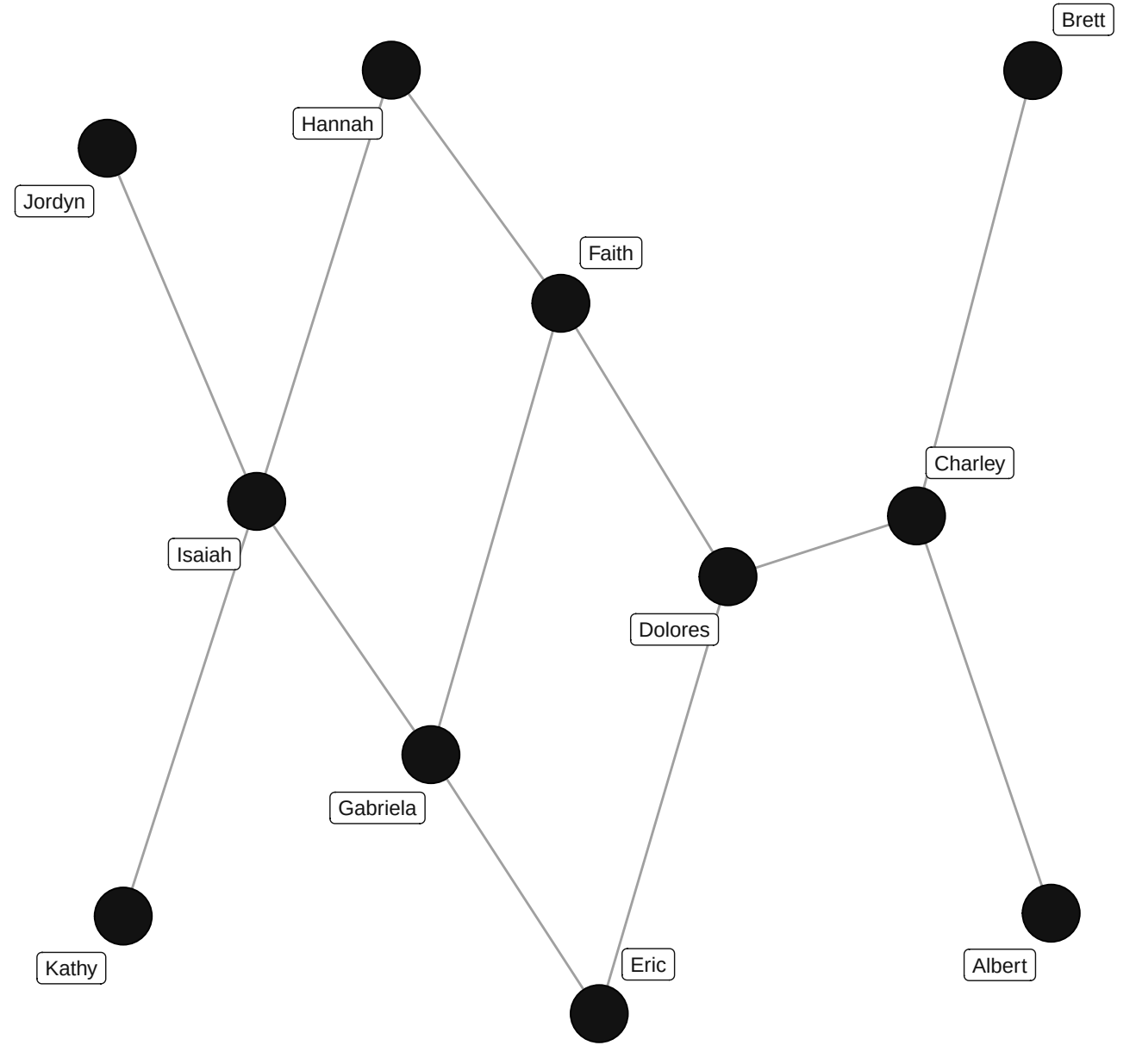
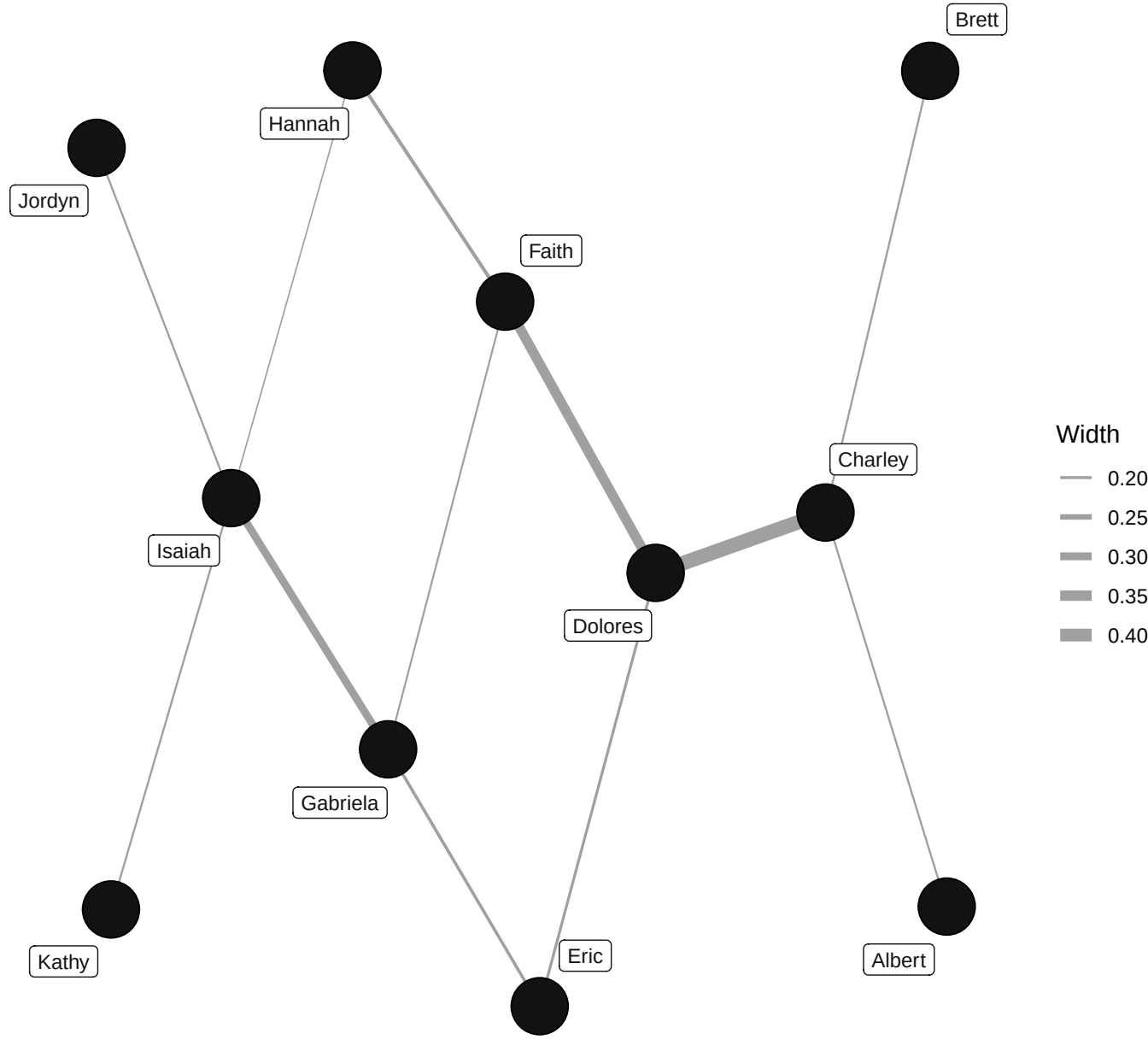
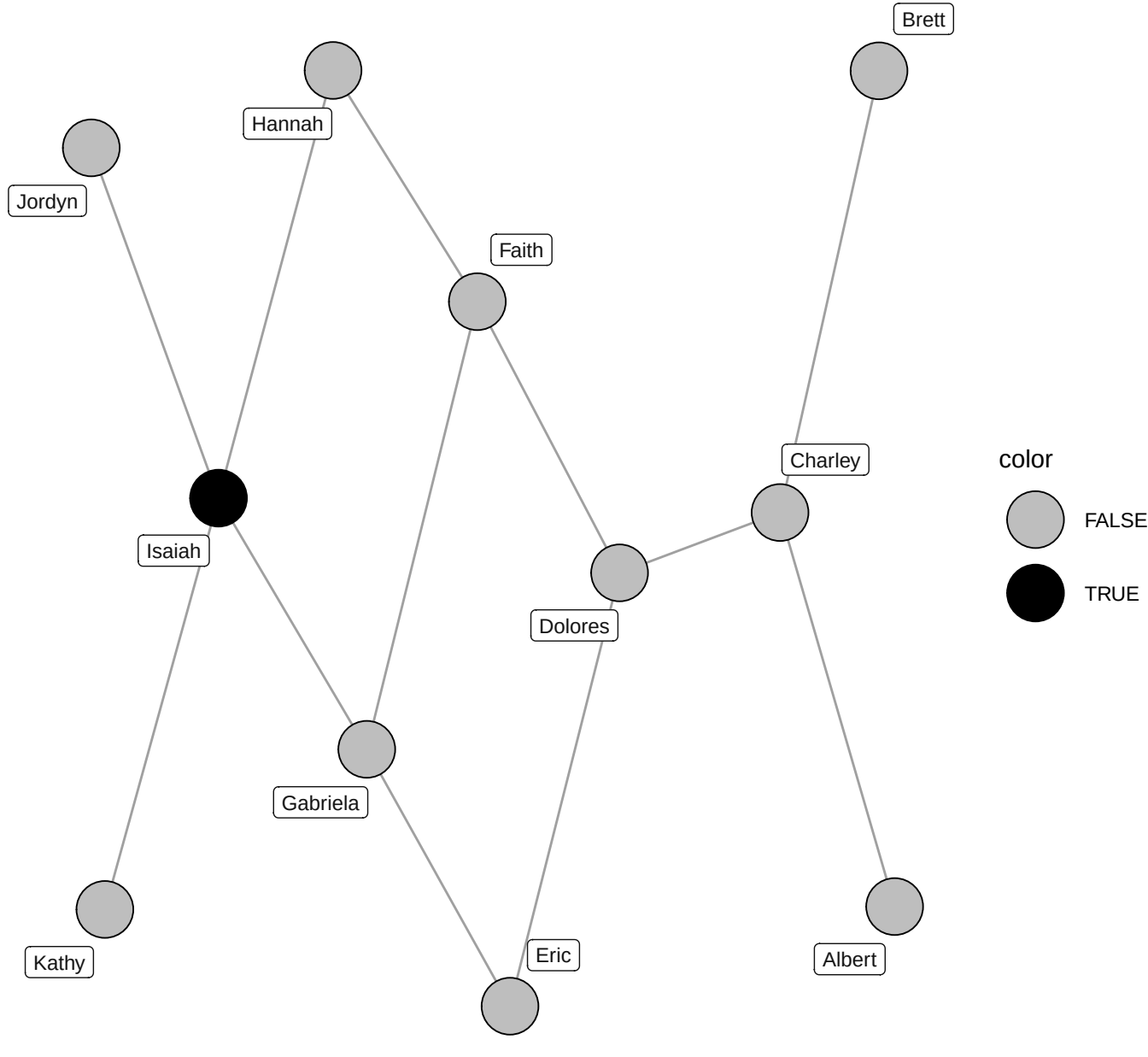
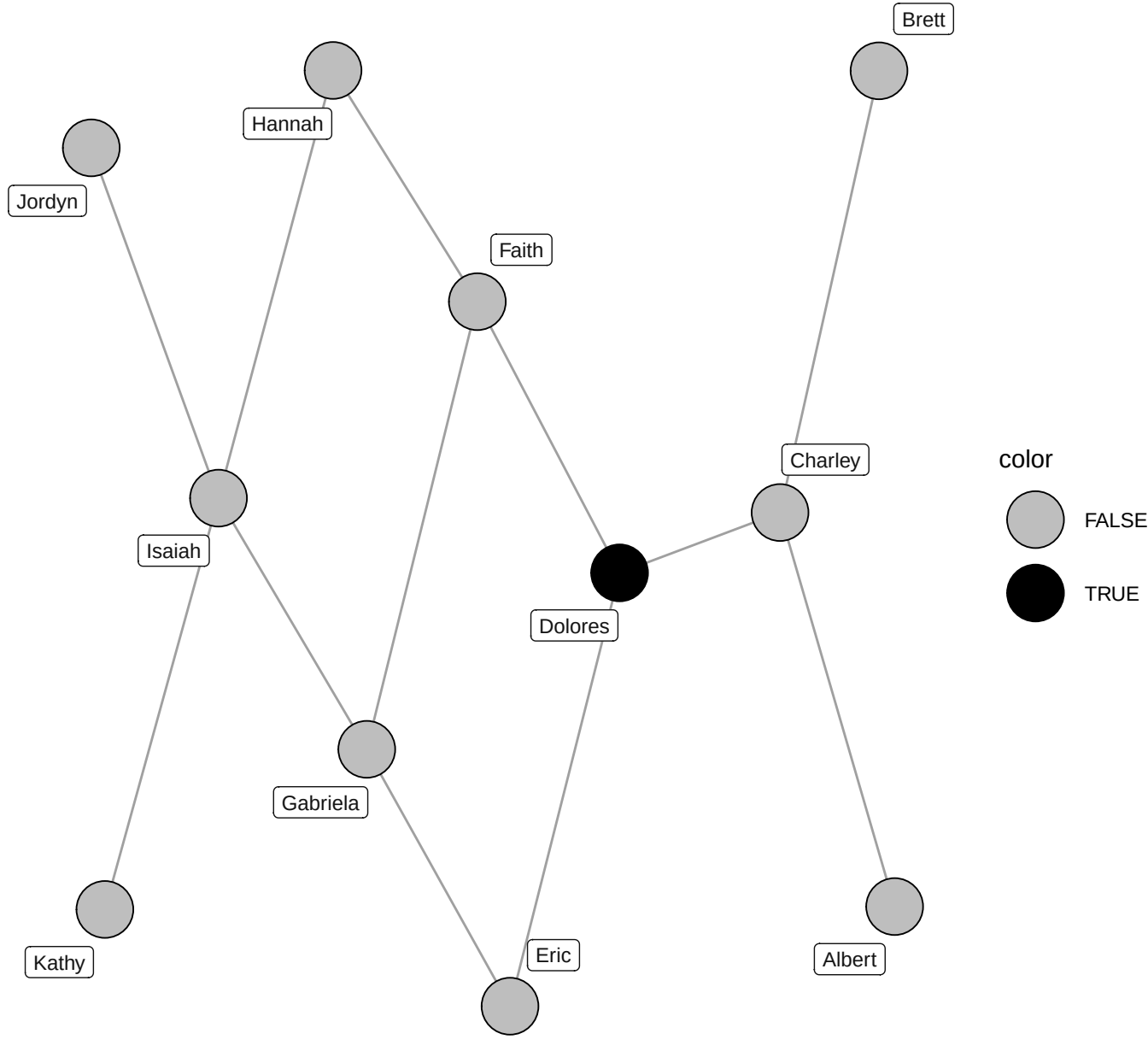


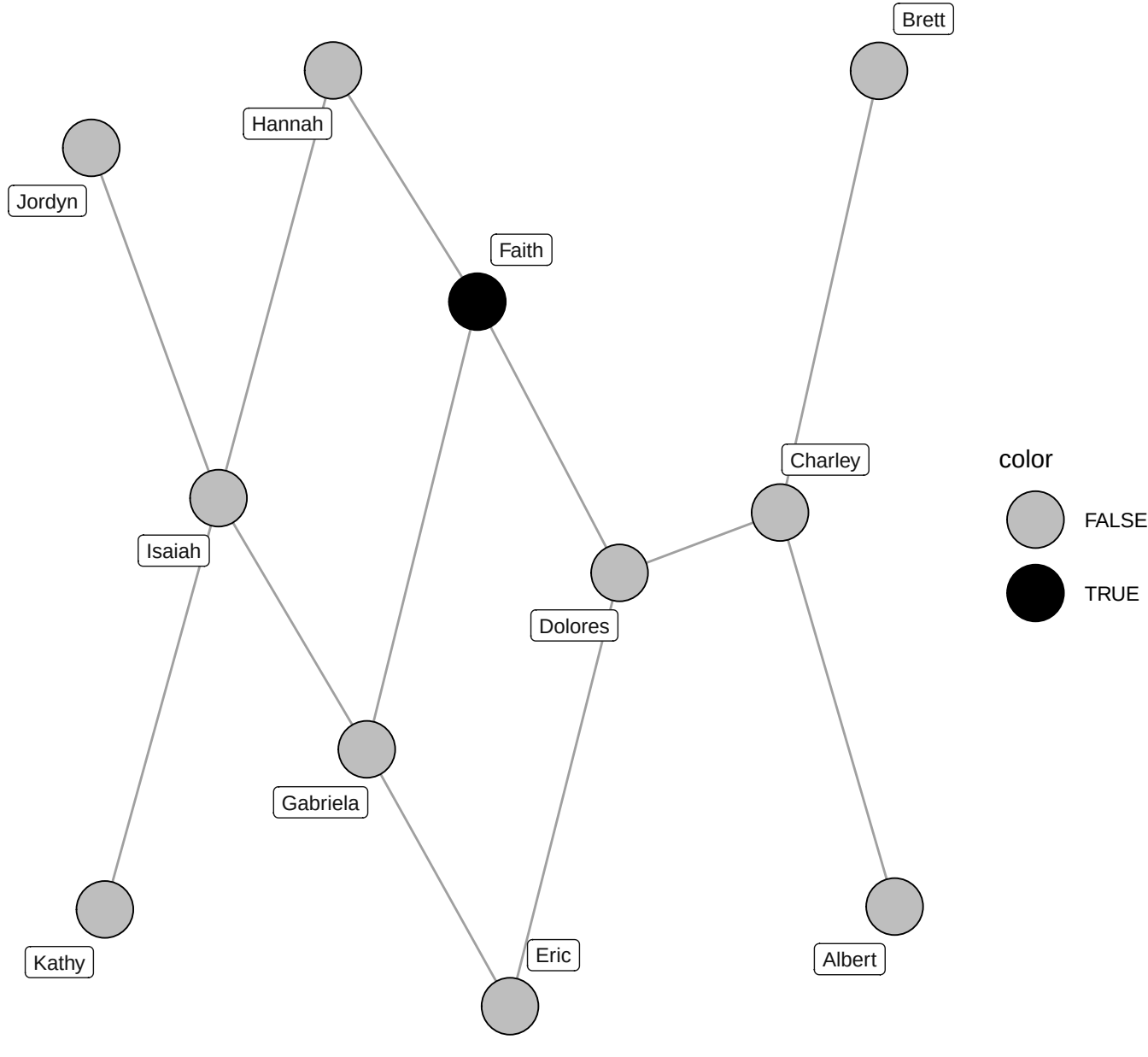

Mode
One
Two

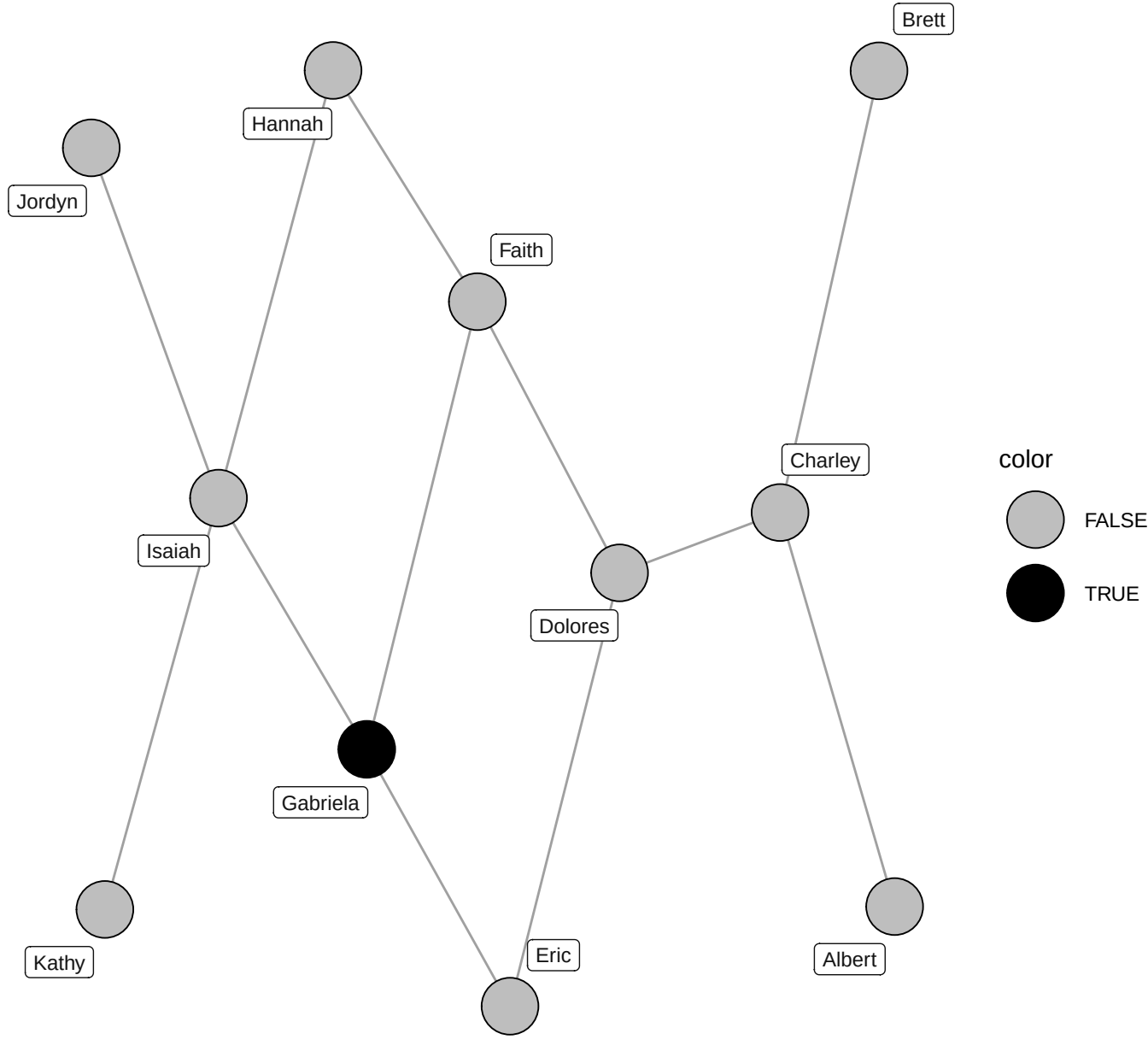

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Dolores
Gabriela
Kathy
Eric
Albert

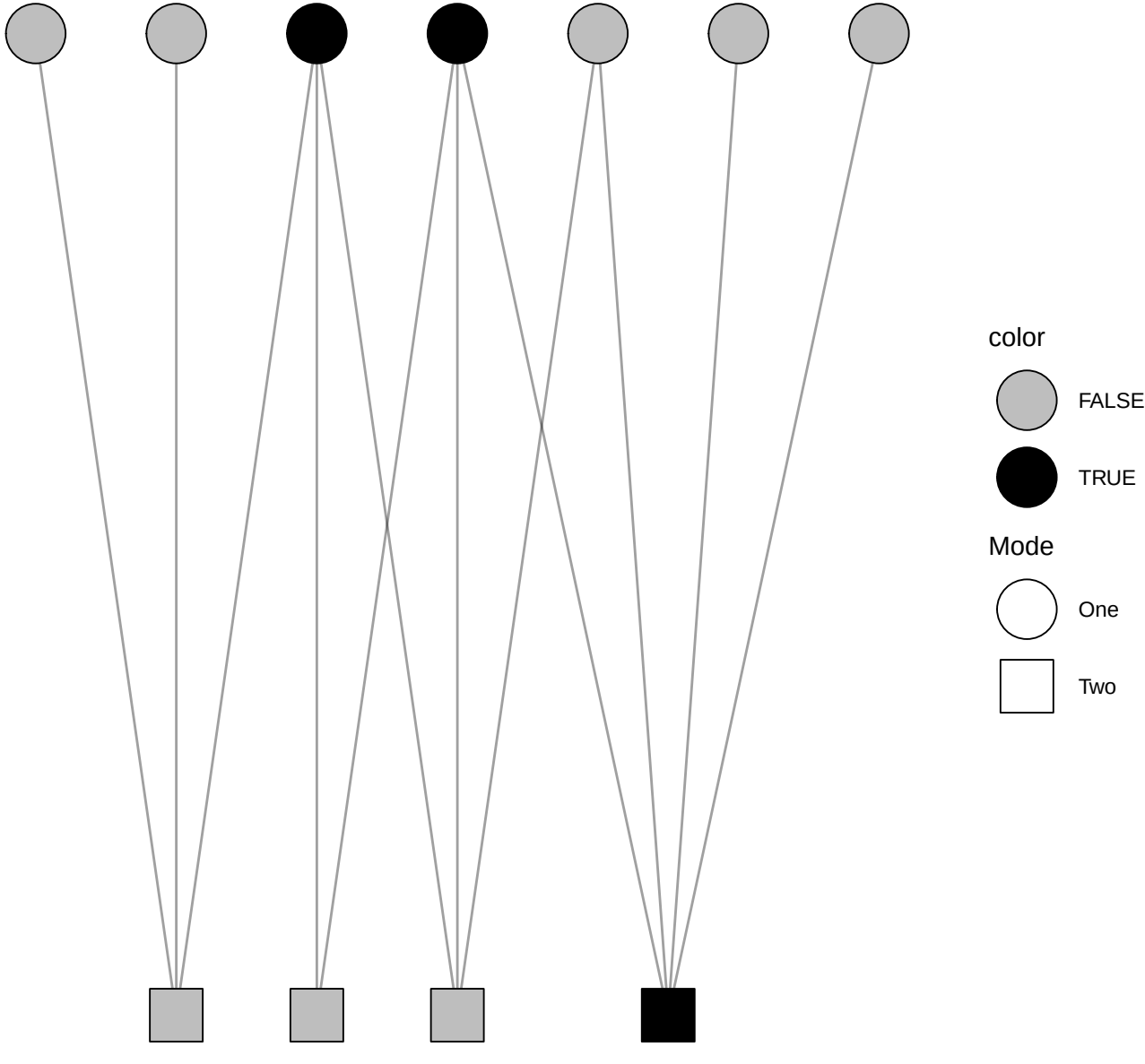

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Eric
Albert
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0.40

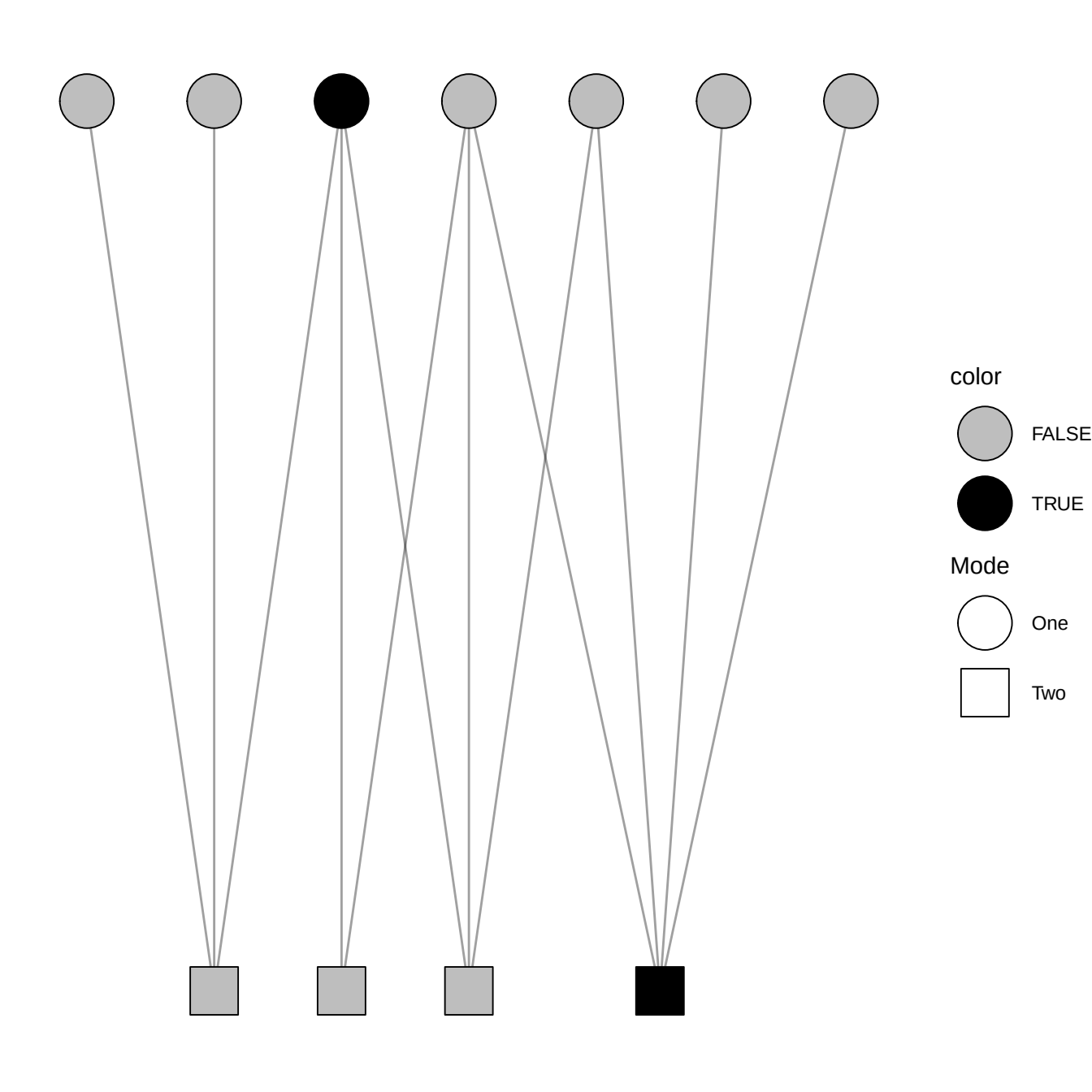

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Charley
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Isaiah
Dolores
Gabriela
Kathy
Eric
Albert

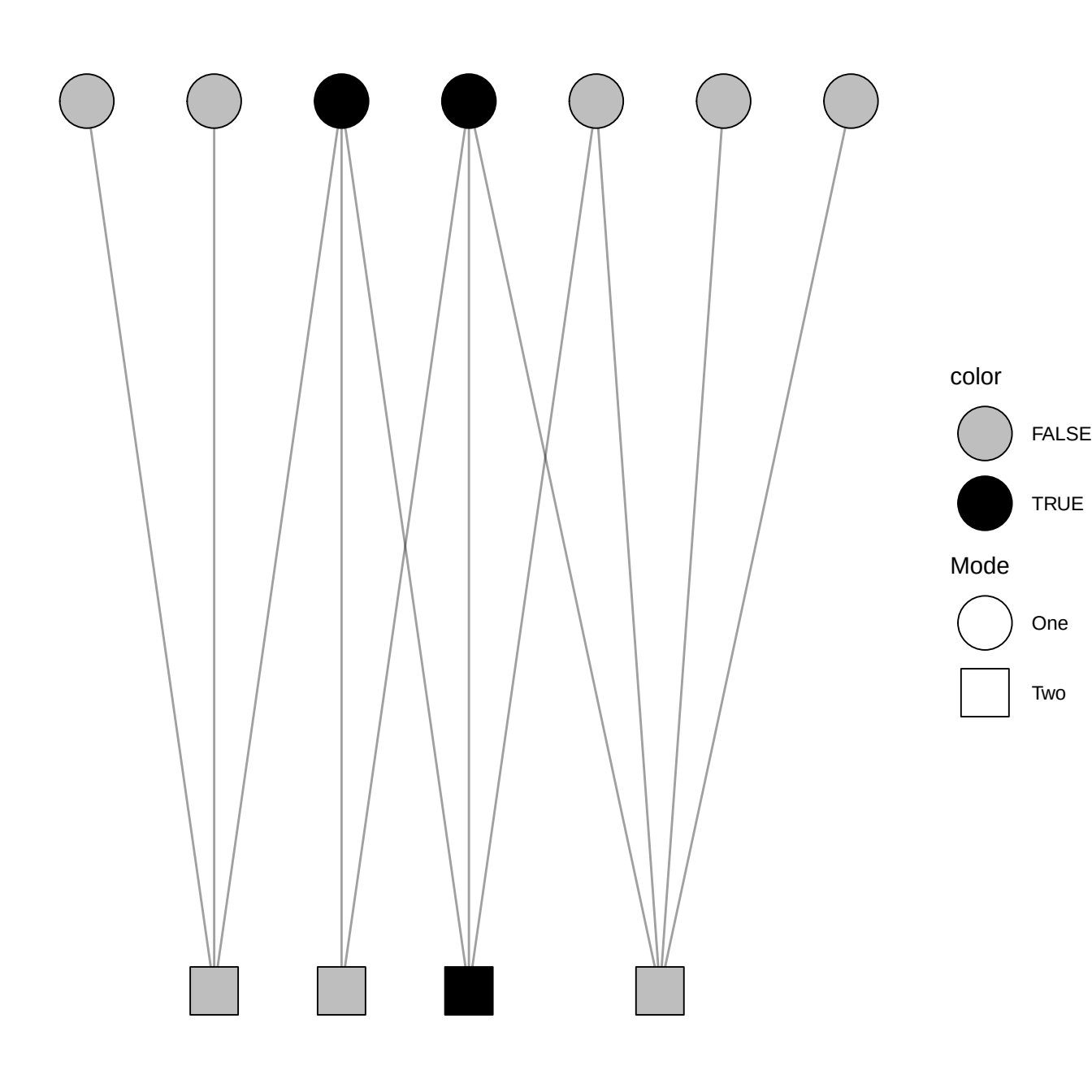

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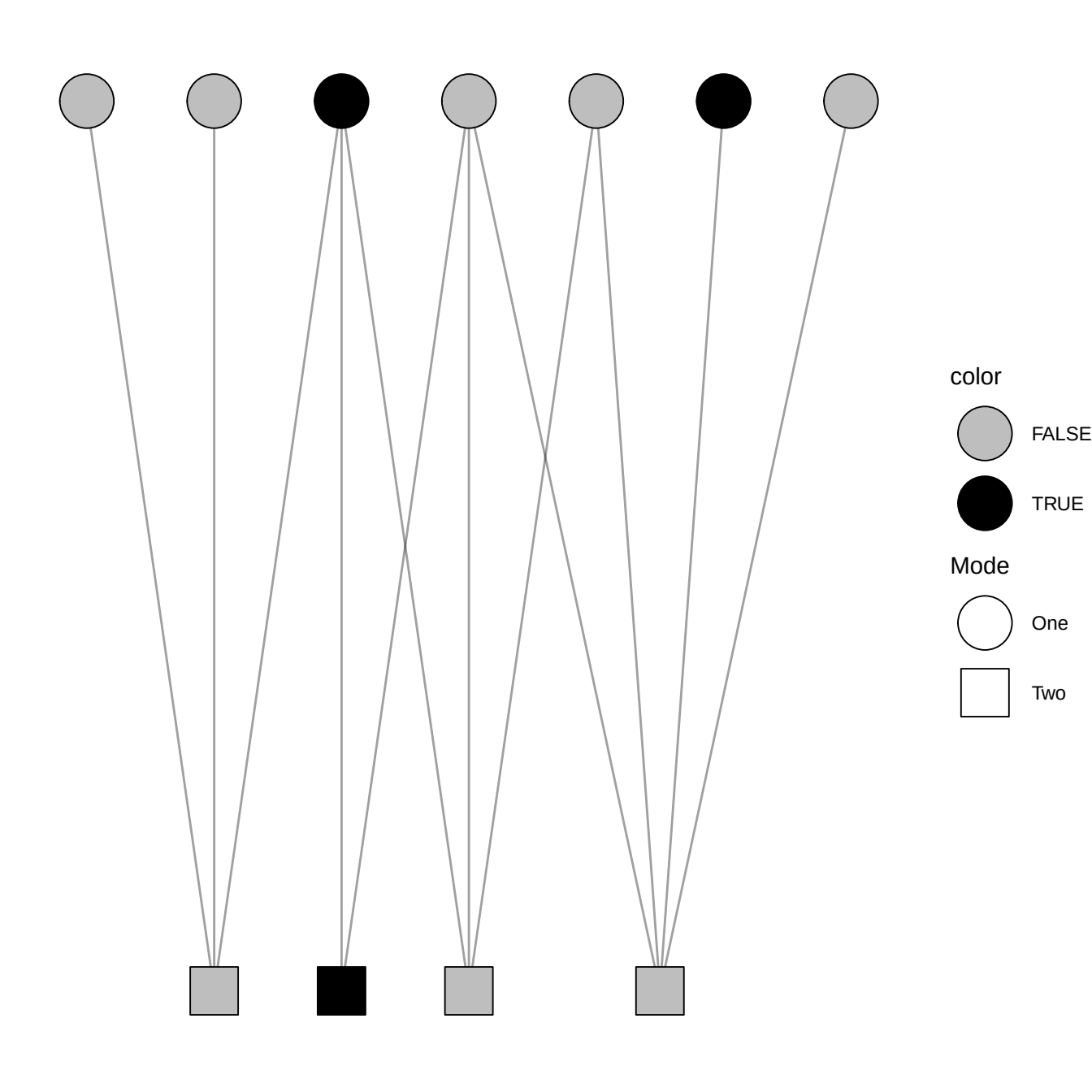

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Jordyn
Faith
Charley
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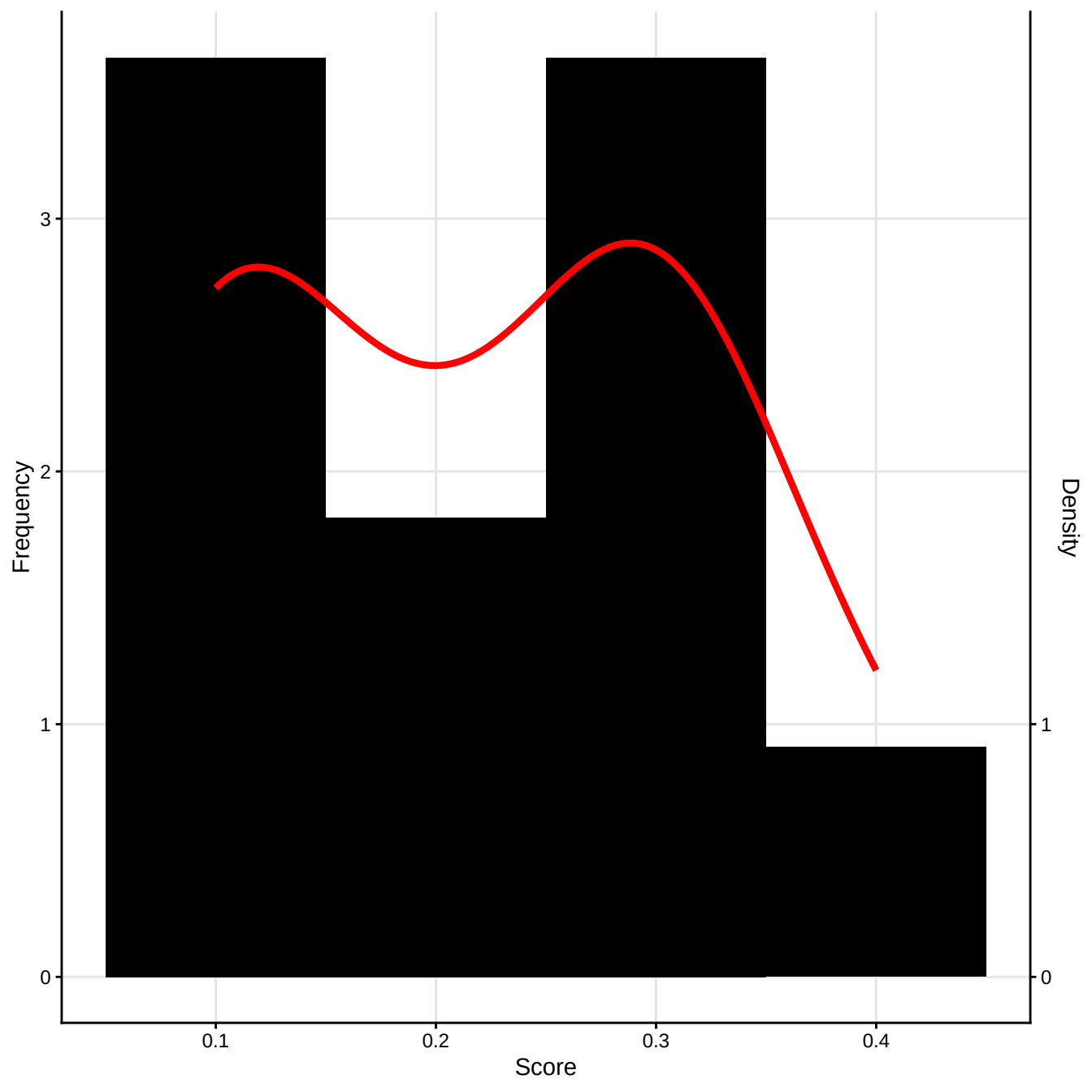

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Jordyn
Faith
Charley
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Isaiah
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Eric
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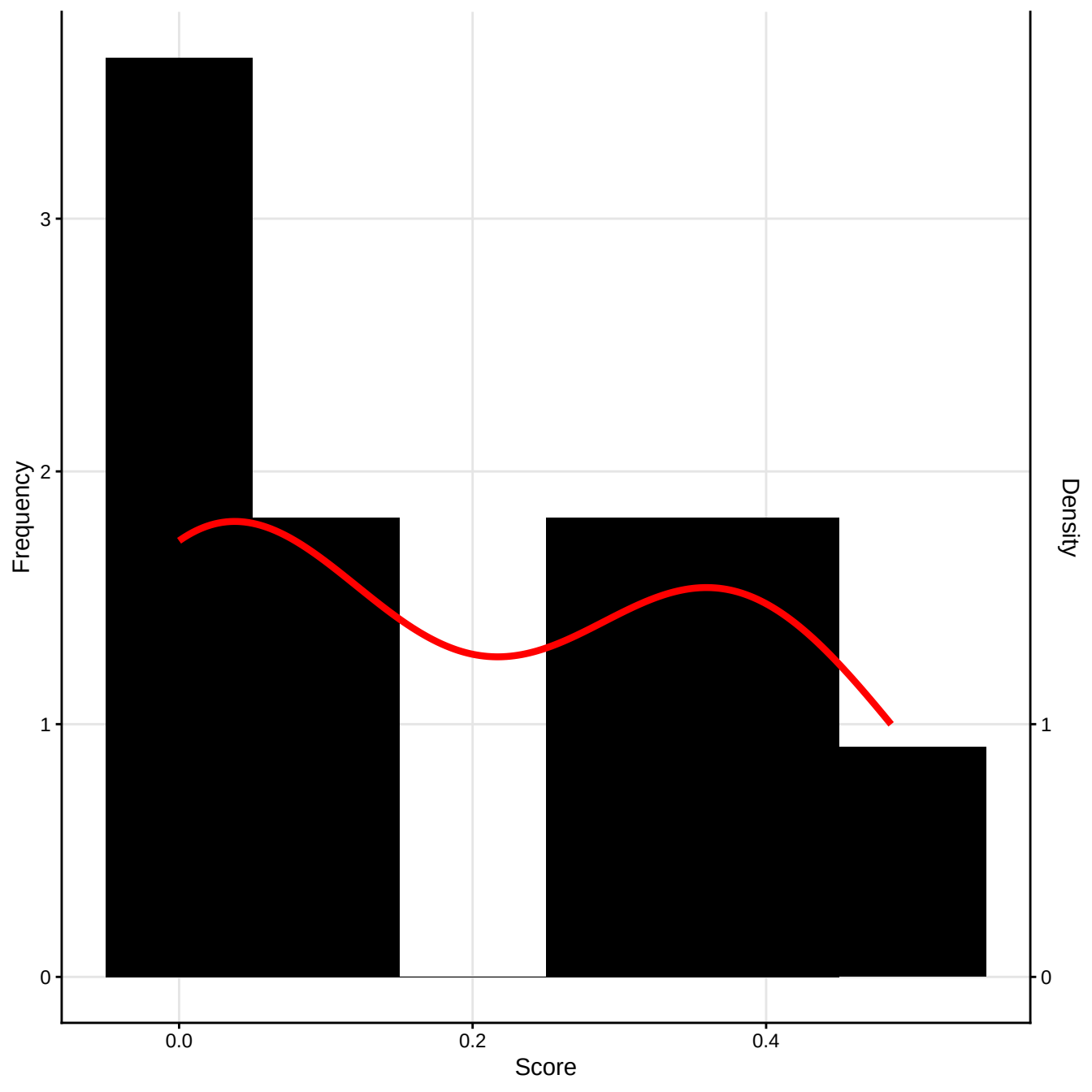

color
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TRUE
Mode
One
Two

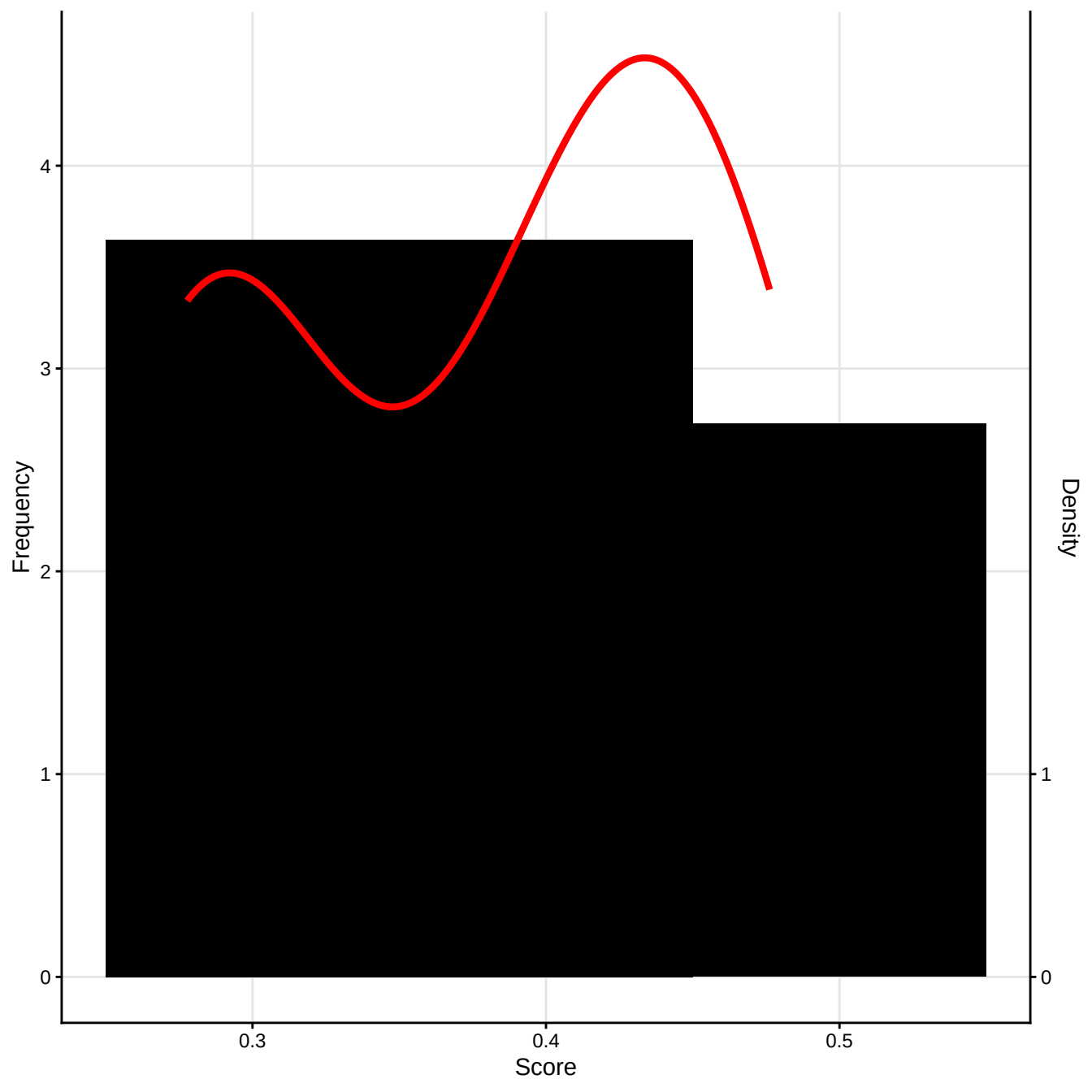

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Mode
One
Two

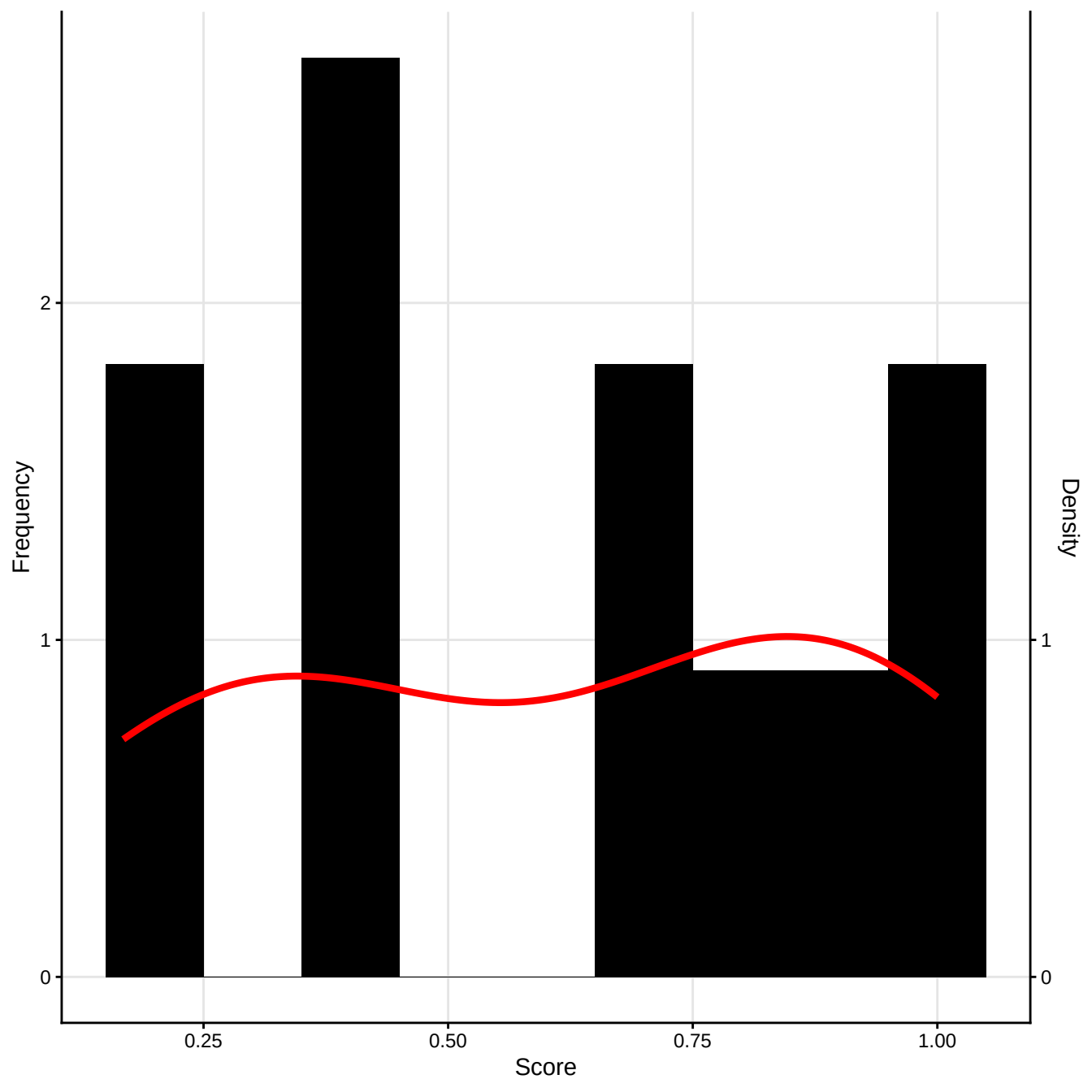

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Mode
One
Two

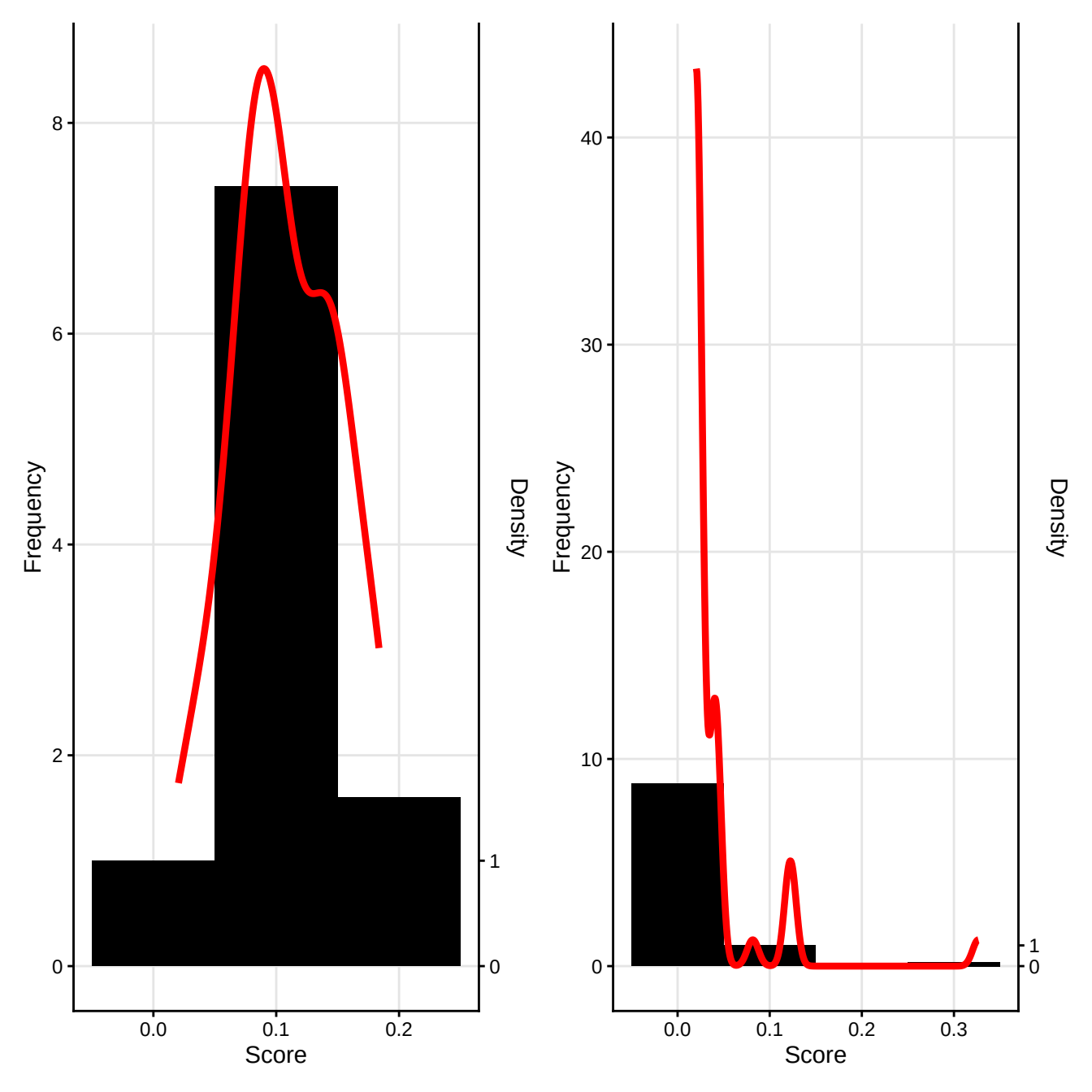

color
FALSE
TRUE
Mode
One
Two


Frequency
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1
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Density
1
0
0.1
0.2
0.3
0.4
Score


Frequency
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Density
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0
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0.2
0.4
Score

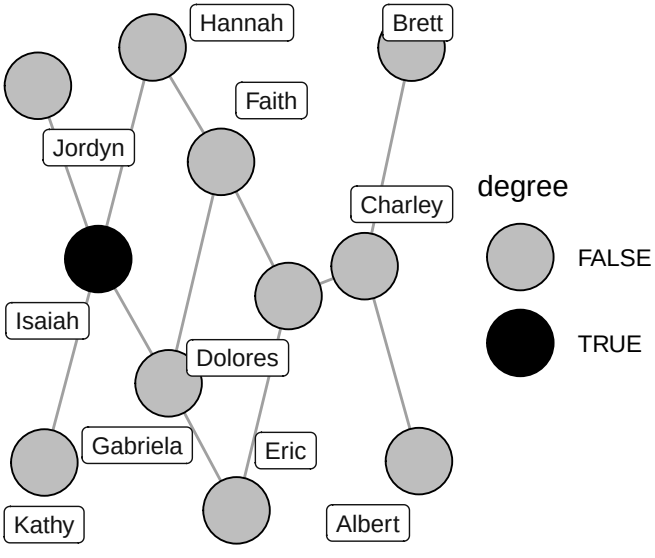

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1
0
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Density
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0
0.3
0.4
0.5
Score


Frequency
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0
Density
1
0
0.25
0.50
0.75
1.00
Score


Frequency
Density
Score
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2
4
6
8
1
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Density
Score
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0.3

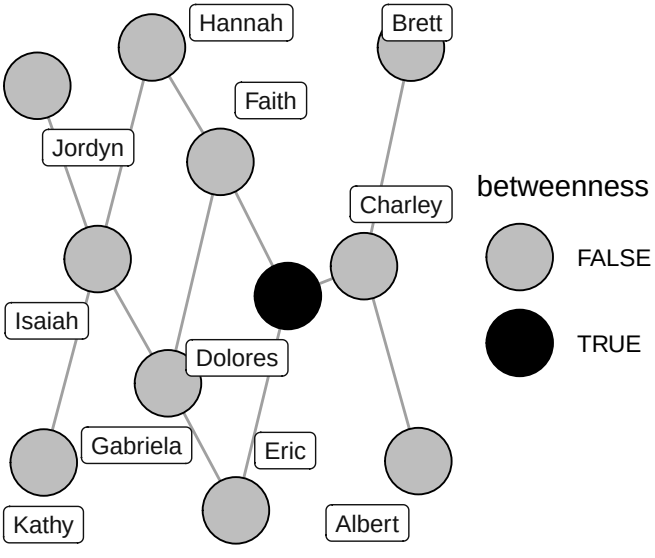
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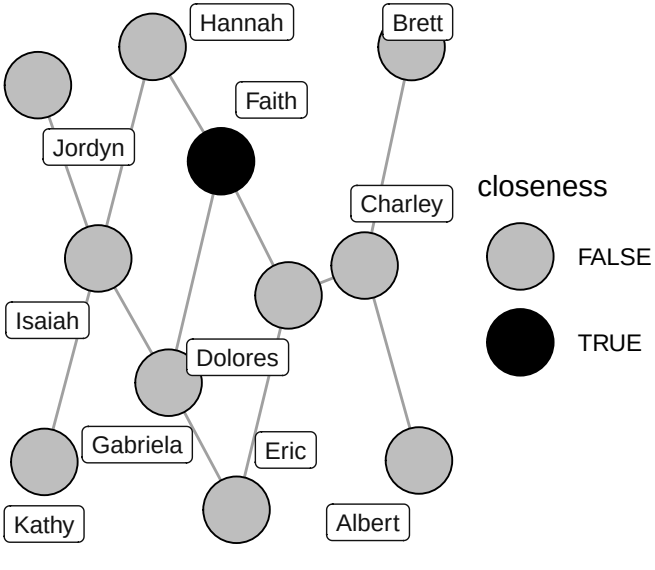
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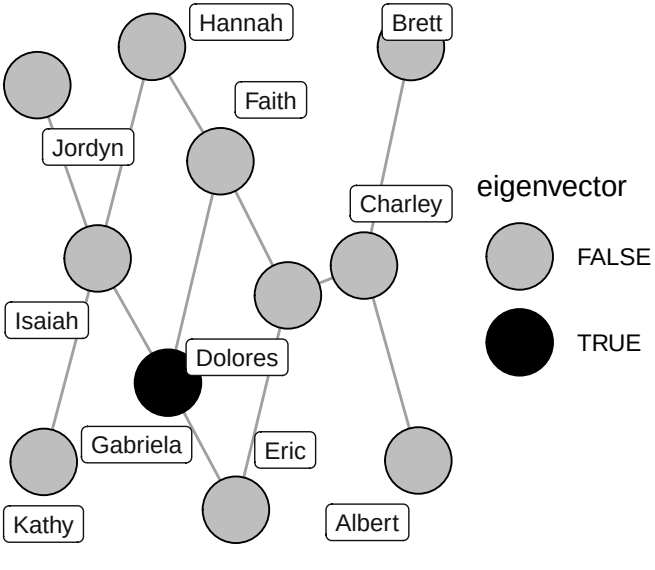
Closeness

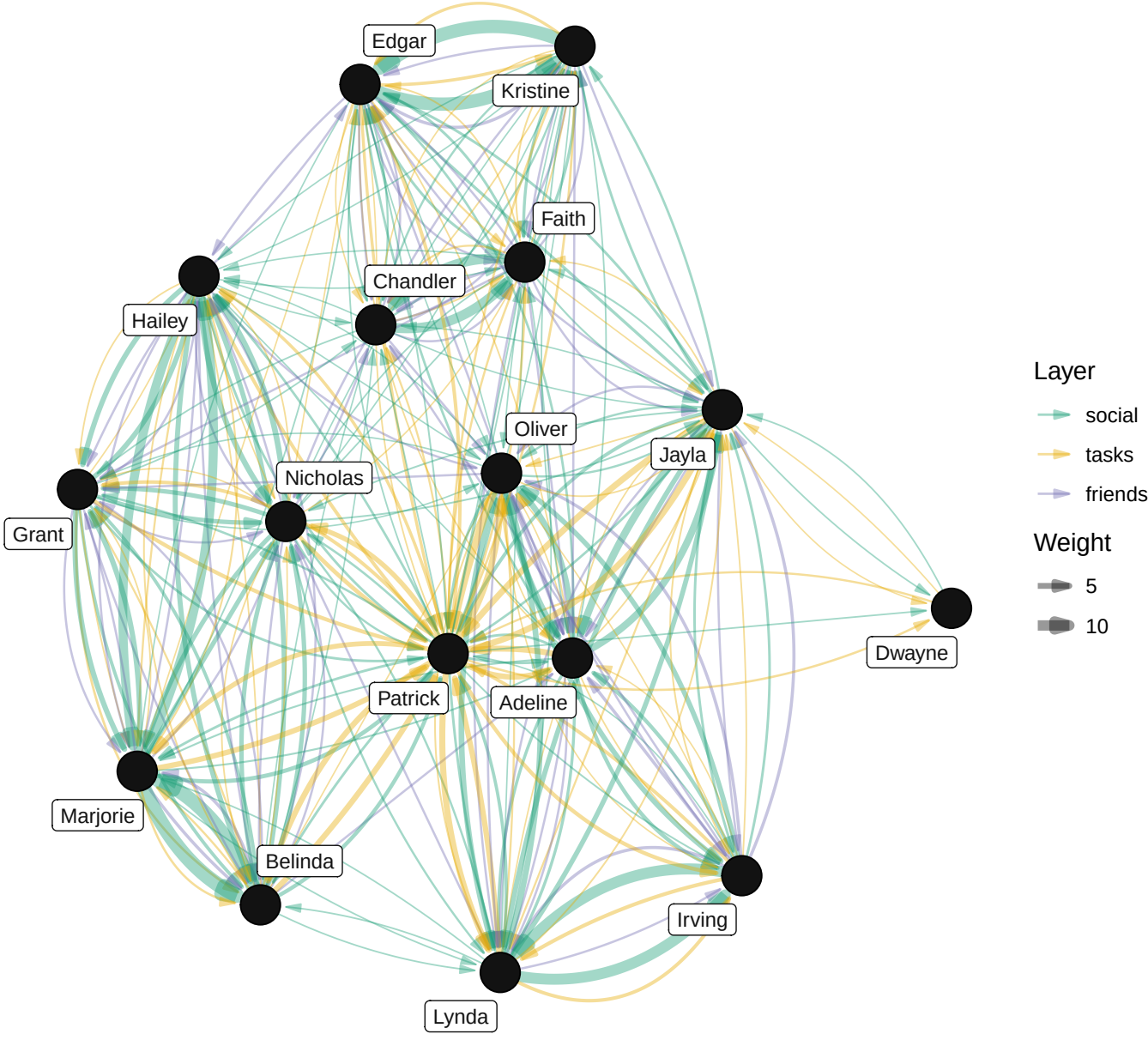
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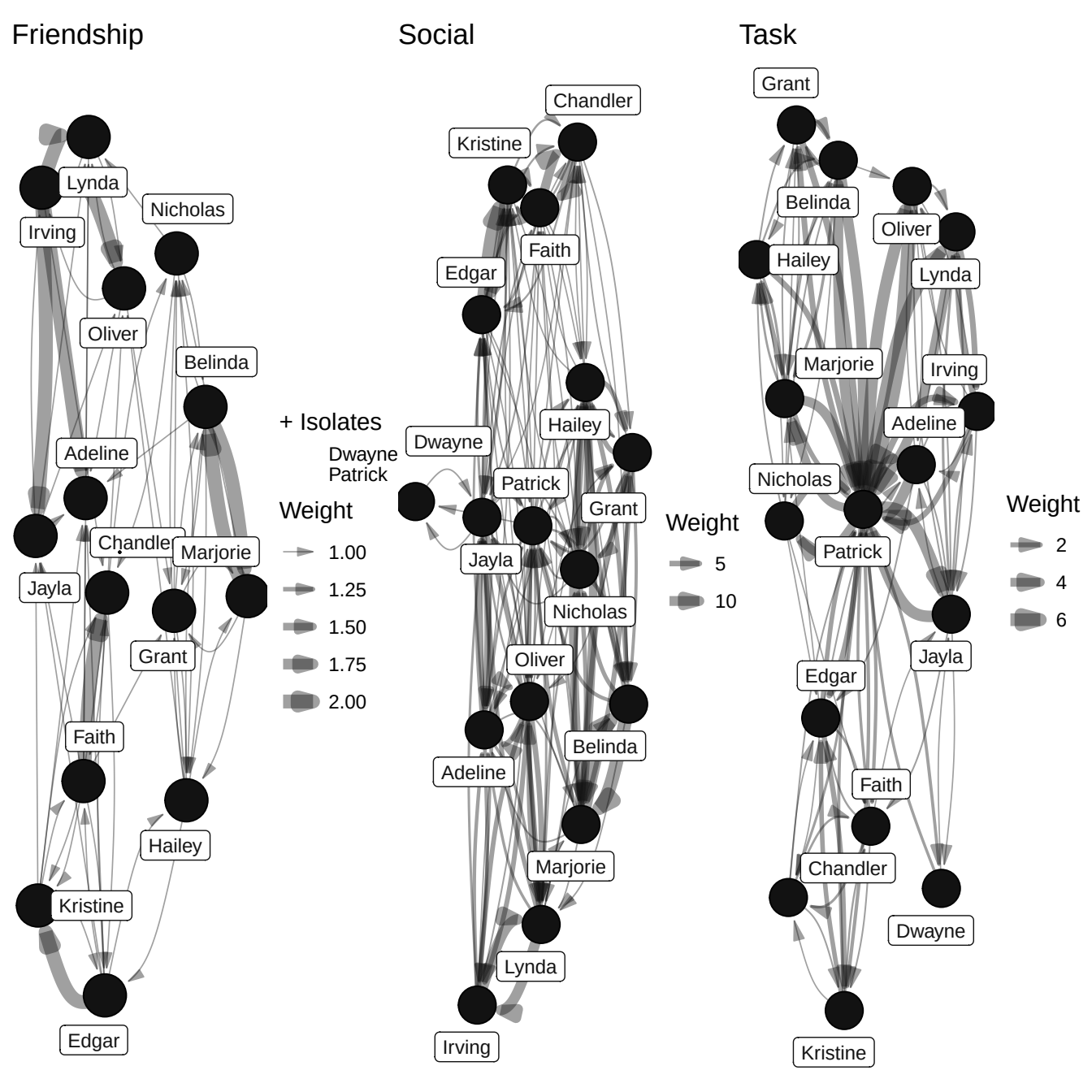


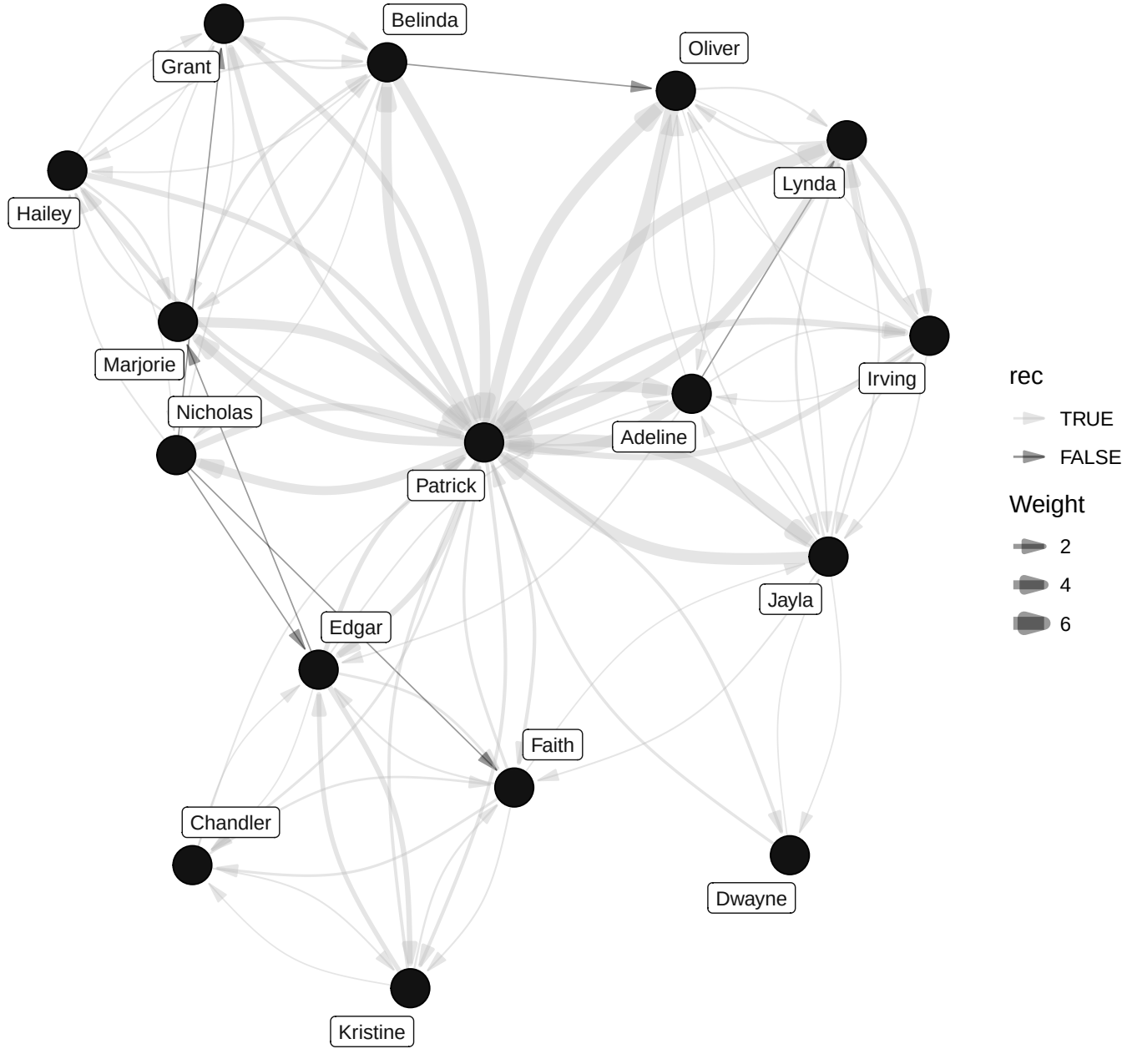
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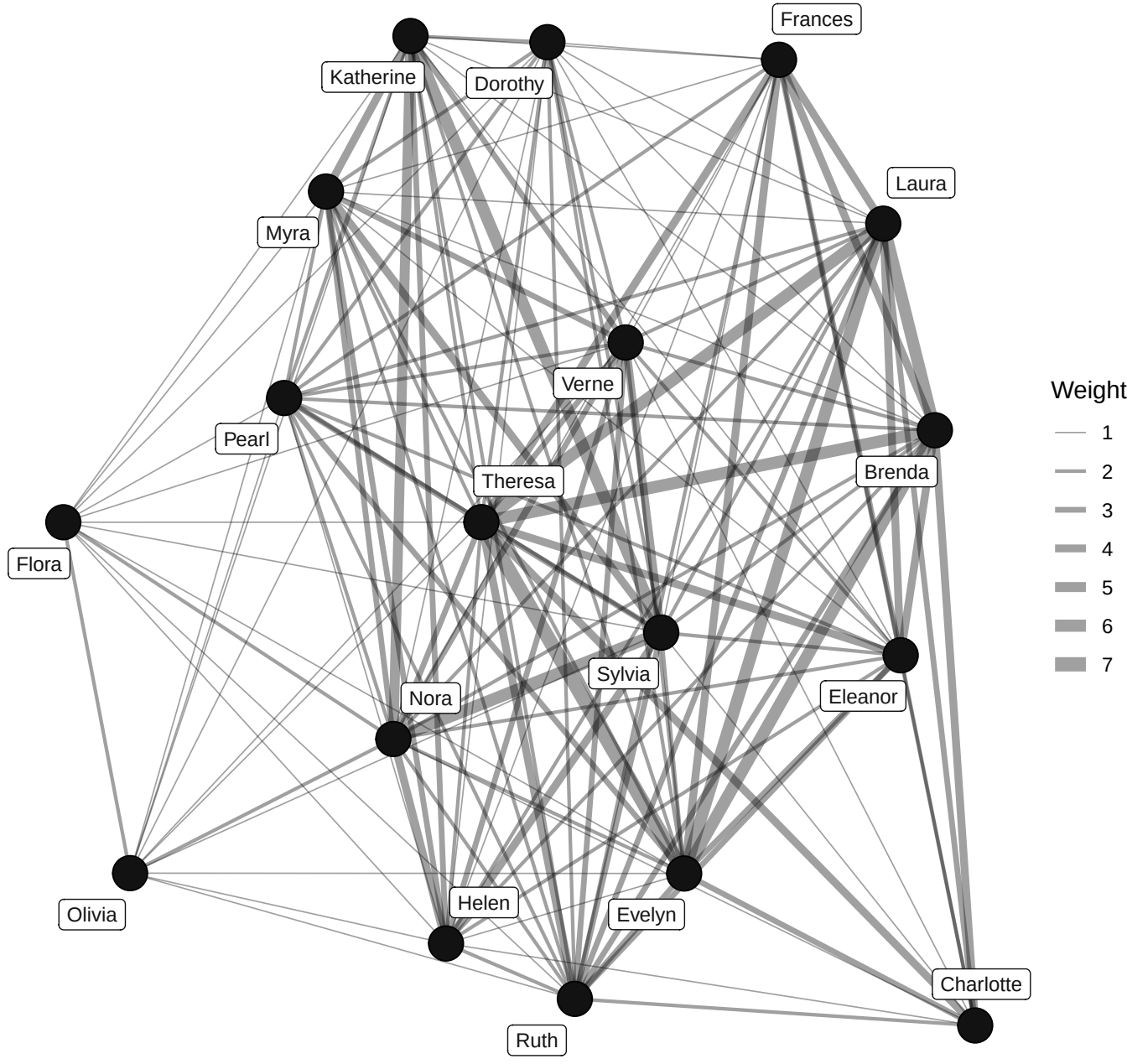


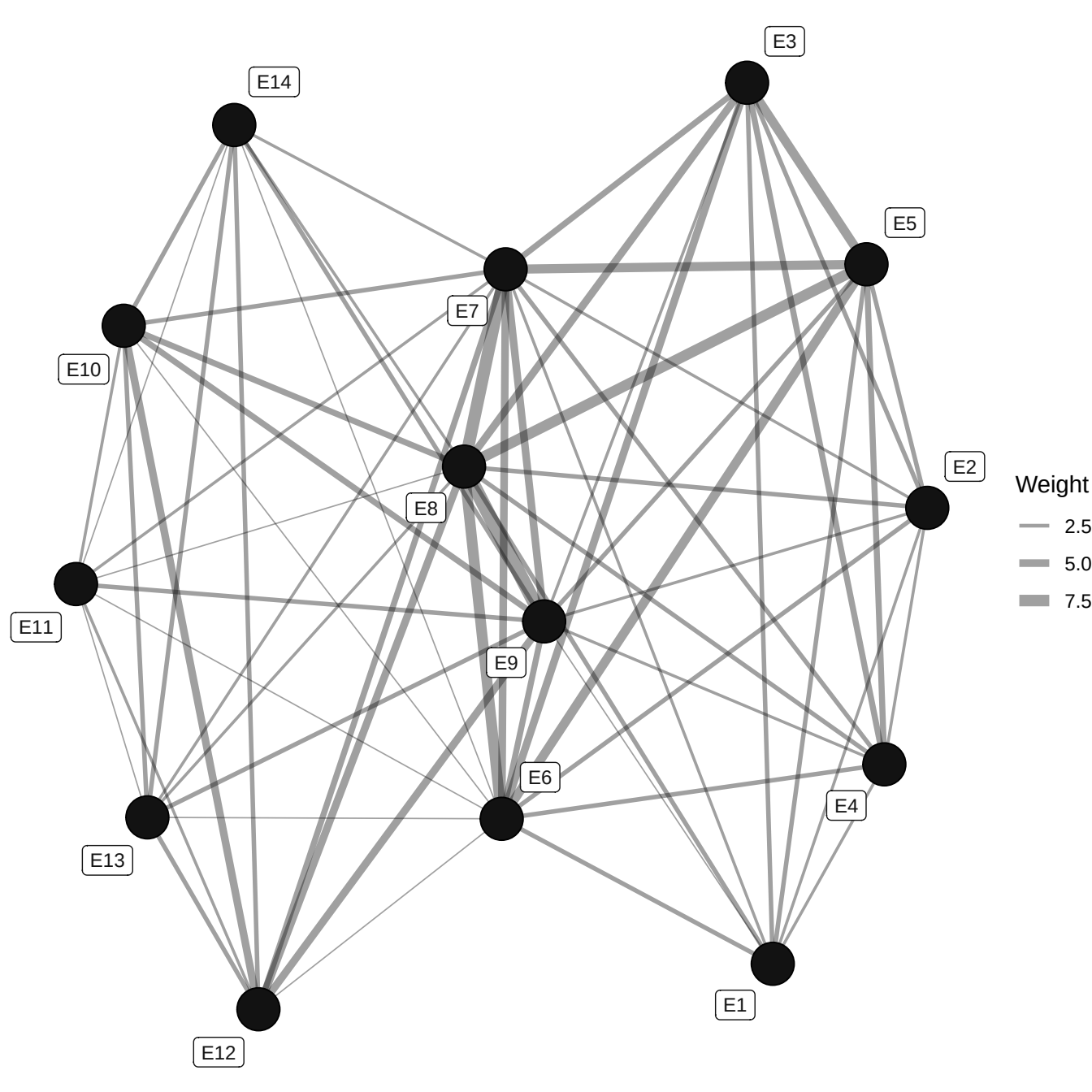

Edgar
Kristine
Faith
Chandler
Hailey
Oliver
Jayla
Nicholas
Grant
Dwayne
Patrick
Adeline
Marjorie
Belinda
Irving
Lynda
Layer
social
tasks
friends
Weight
5
10

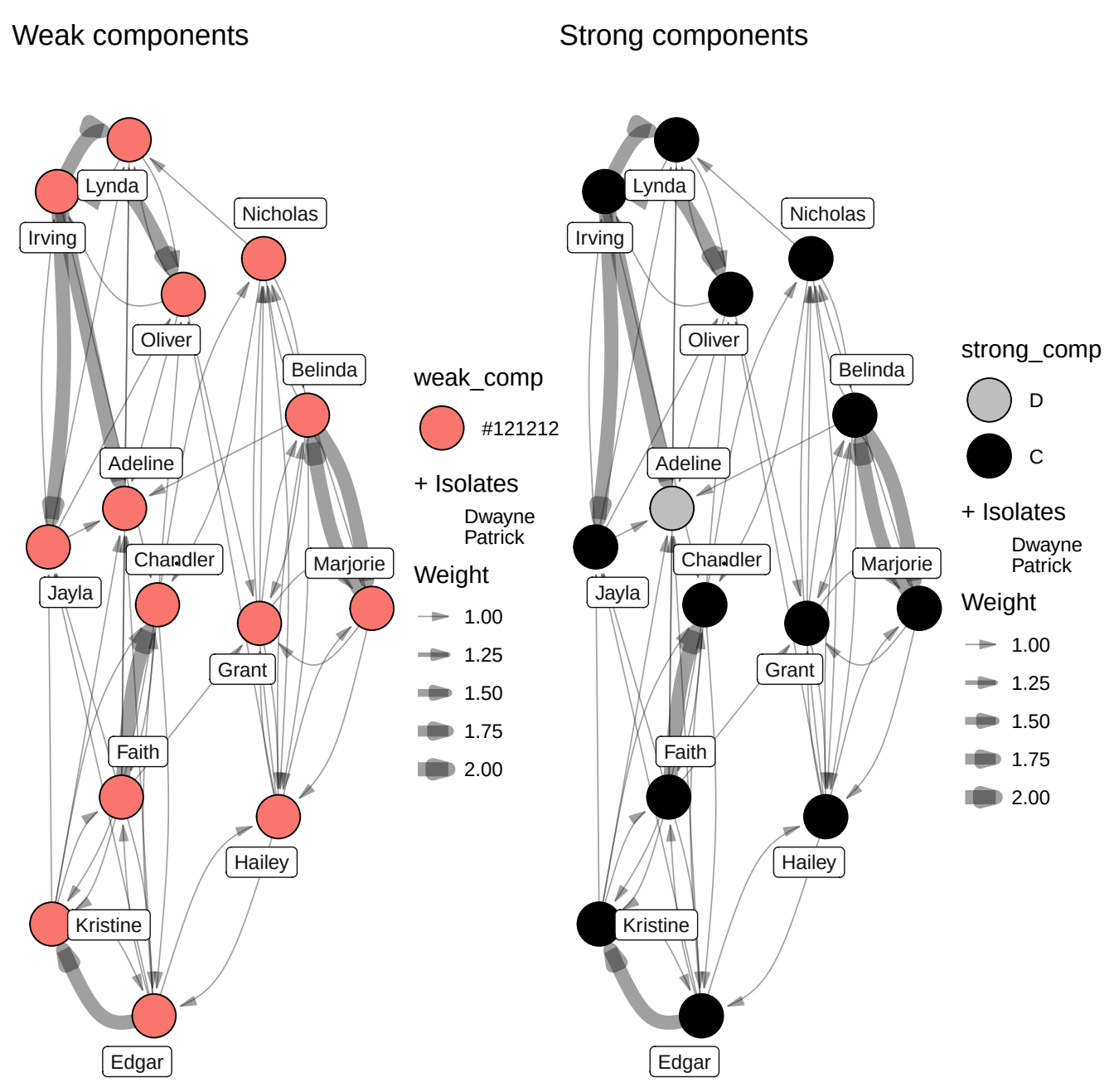

Friendship
Social
Task
Lynda
Nicholas
Irving
Oliver
Belinda
Adeline
Chandler
Marjorie
Jayla
Grant
Faith
Hailey
Kristine
Edgar
+ Isolates
Dwayne
Patrick
Weight
1.00
1.25
1.50
1.75
2.00
Chandler
Kristine
Faith
Edgar
Hailey
Dwayne
Patrick
Grant
Jayla
Nicholas
Oliver
Belinda
Adeline
Marjorie
Lynda
Irving
Weight
5
10
Grant
Belinda
Oliver
Hailey
Lynda
Marjorie
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Faith
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Dwayne
Kristine
Weight
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6

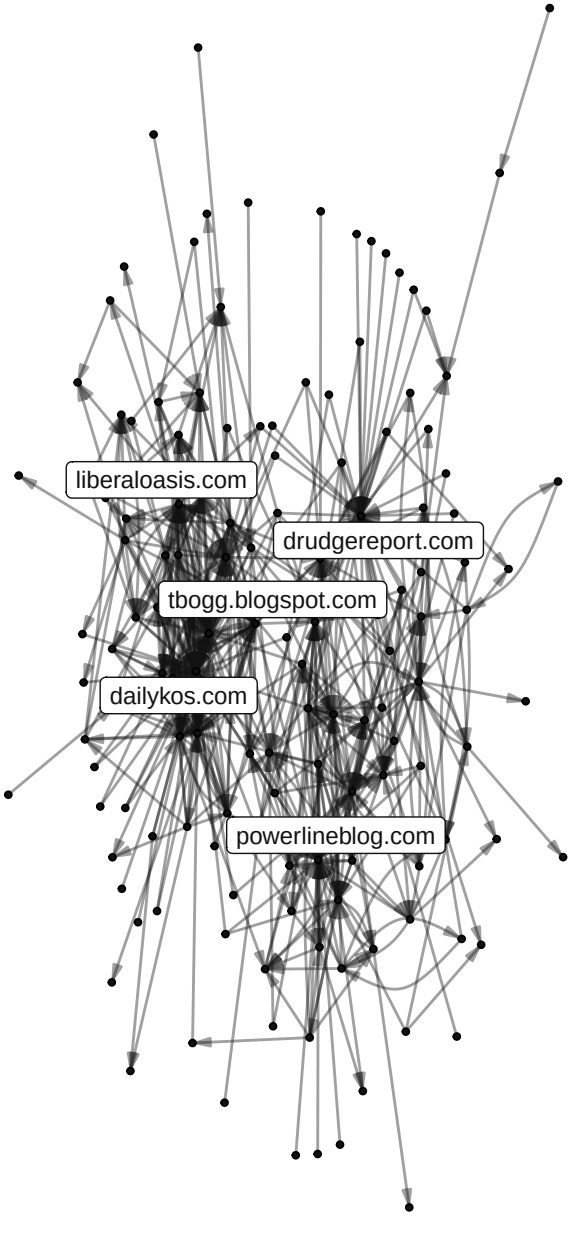

Belinda
Grant
Oliver
Hailey
Lynda
Marjorie
Irving
Nicholas
Adeline
Patrick
Jayla
Edgar
Faith
Chandler
Dwayne
Kristine
rec
TRUE
FALSE
Weight
2
4
6

E5
E6
E7
E8
E9
Laura
Evelyn
Brenda
Theresa
Sylvia
Nora
type
FALSE
TRUE
Mode
women
social events


Frances
Katherine
Dorothy
Laura
Myra
Verne
Pearl
Brenda
Theresa
Flora
Sylvia
Nora
Eleanor
Olivia
Helen
Evelyn
Charlotte
Ruth
Weight
1
2
3
4
5
6
7


E3
E14
E5
E7
E10
E2
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E11
E9
E6
E4
E13
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E12
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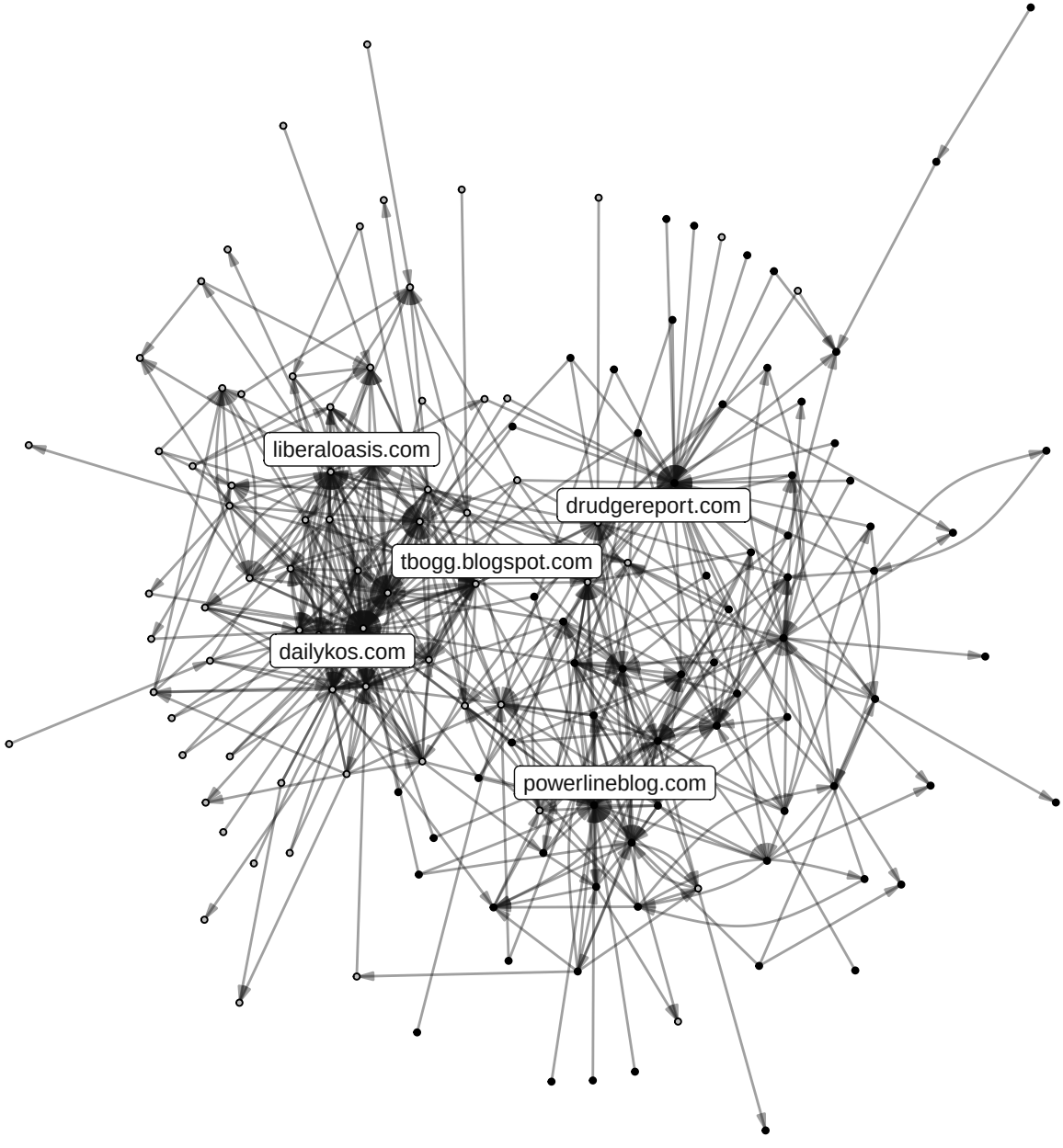

Weak components
Strong components
Lynda
Irving
Nicholas
Oliver
Belinda
Adeline
Jayla
Chandler
Marjorie
Grant
Faith
Hailey
Kristine
Edgar
weak_comp
#121212
+ Isolates
Dwayne
Patrick
Weight
1.00
1.25
1.50
1.75
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strong_comp
D
C
+ Isolates
Dwayne
Patrick
Weight
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1.50
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2.00

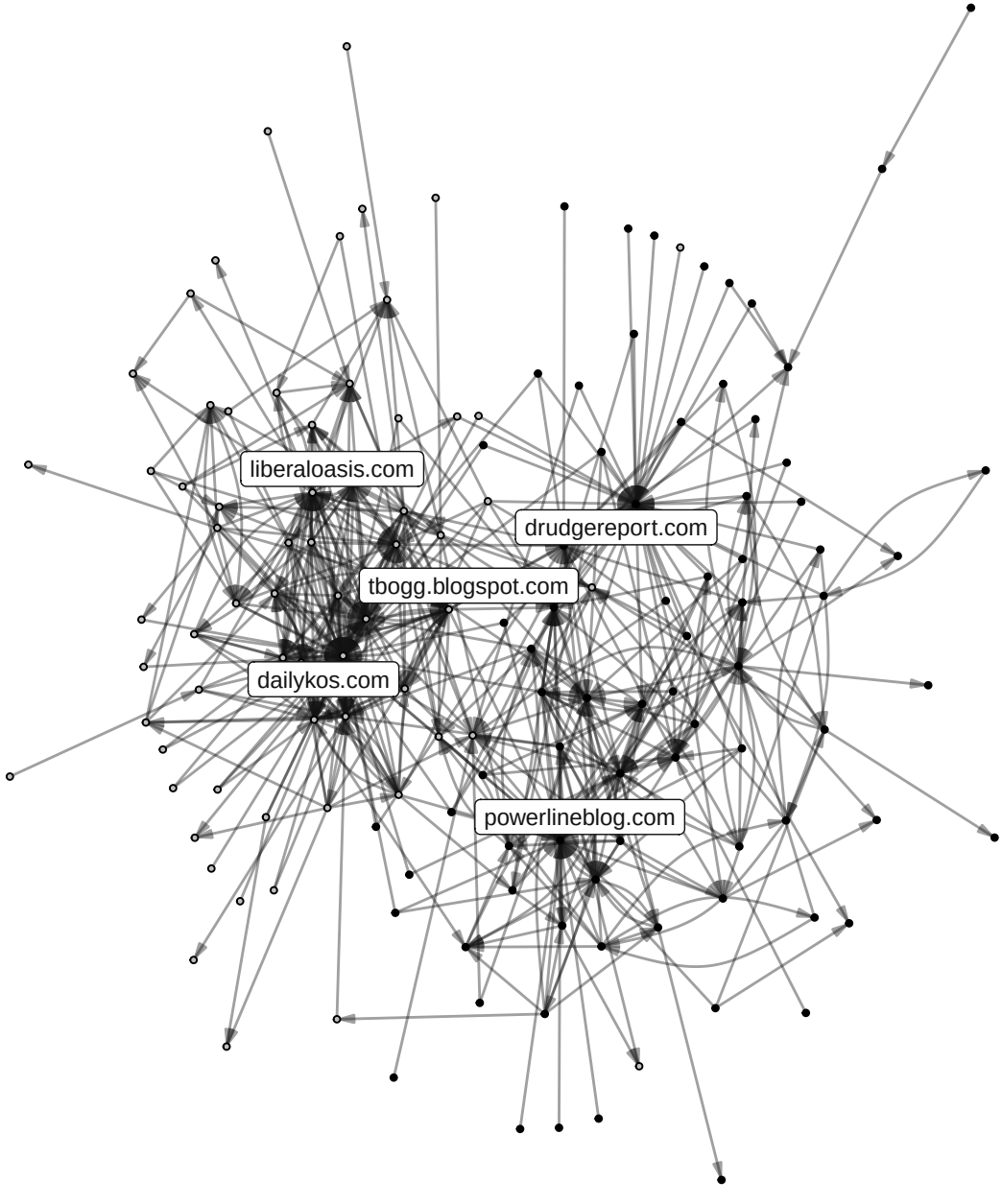


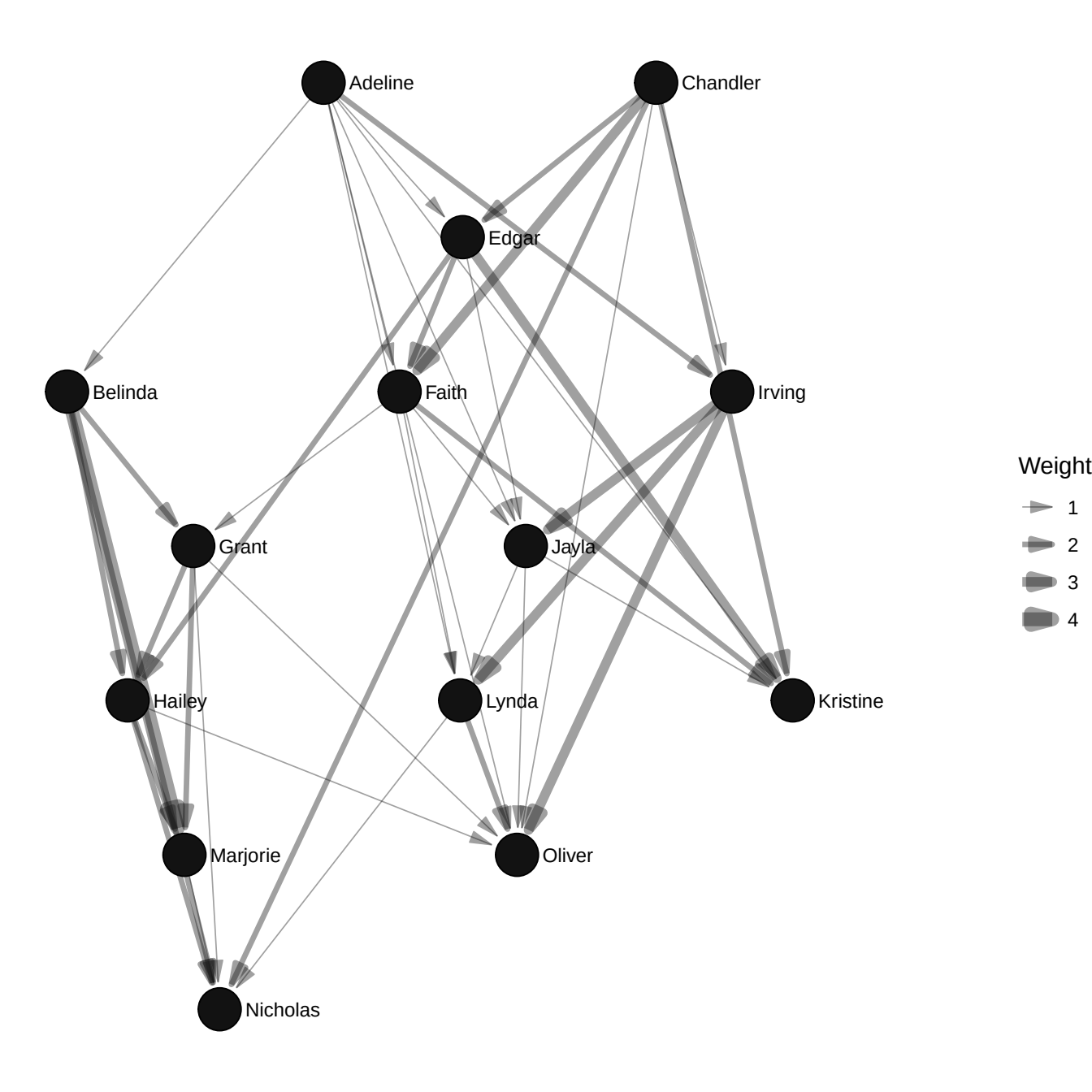
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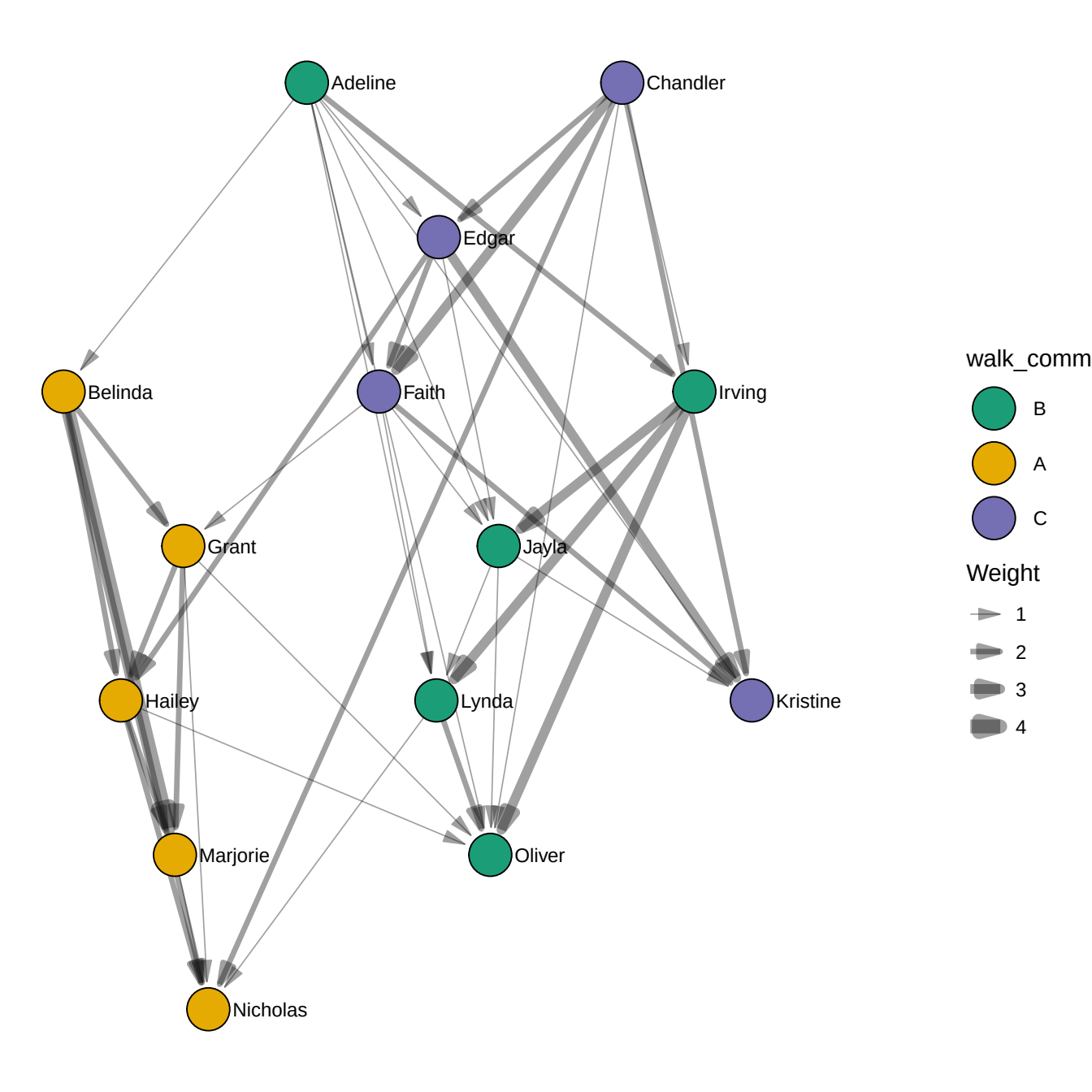
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askhoudari.blogspot.com
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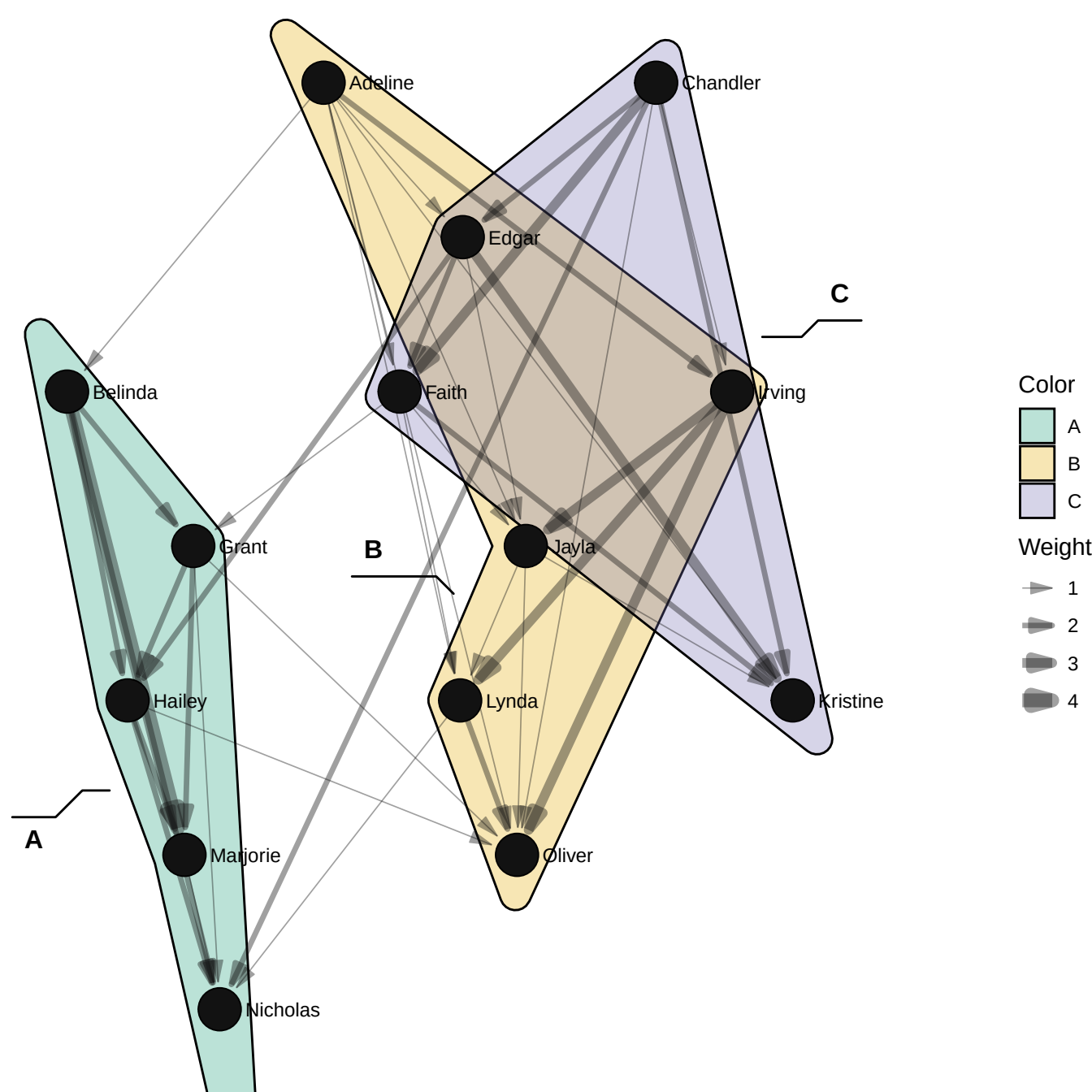

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dailykos.com
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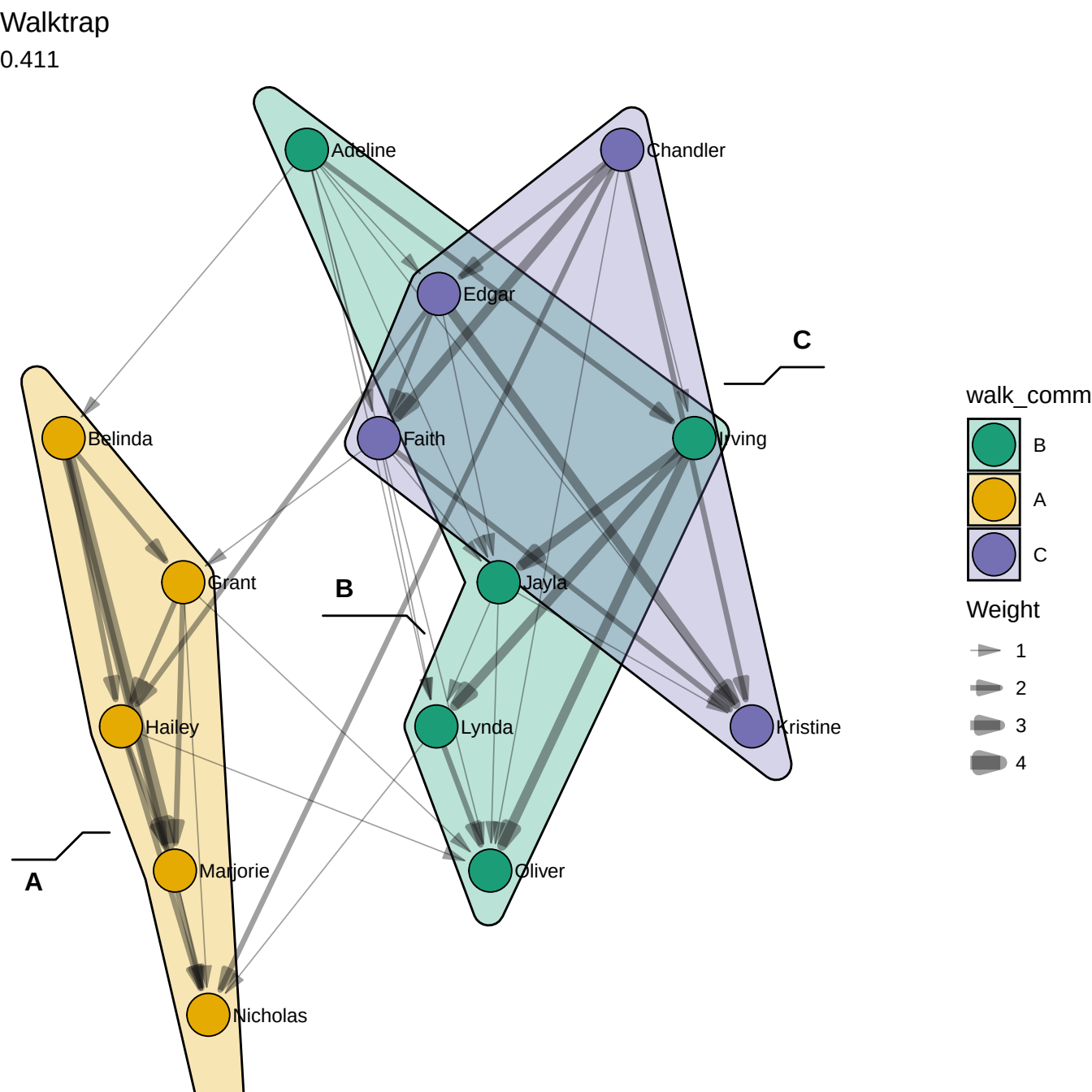

liberaloasis.com
drudgereport.com
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dailykos.com
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part
A
B

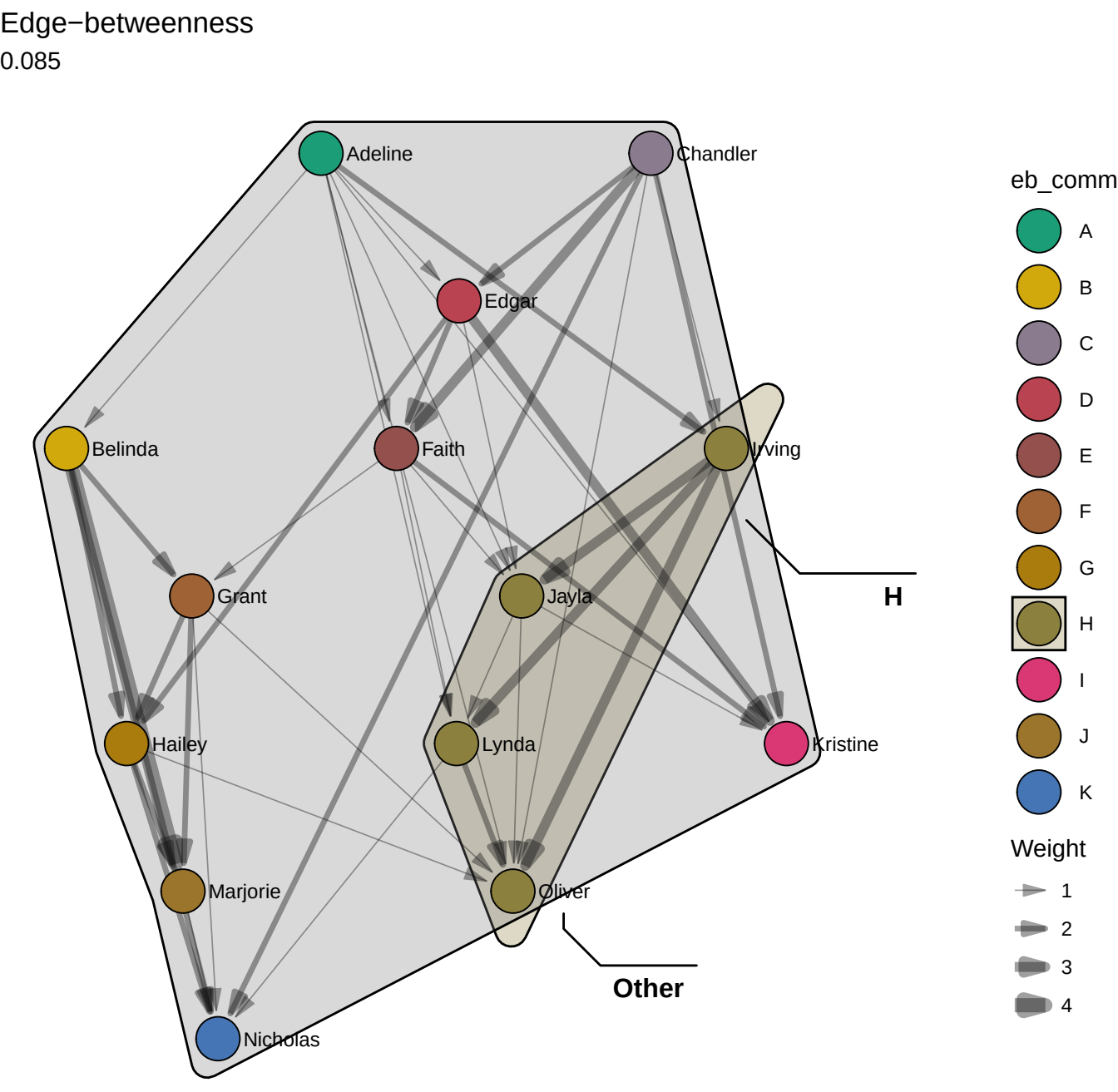

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powerlineblog.com
Leaning
Liberal
Conservative

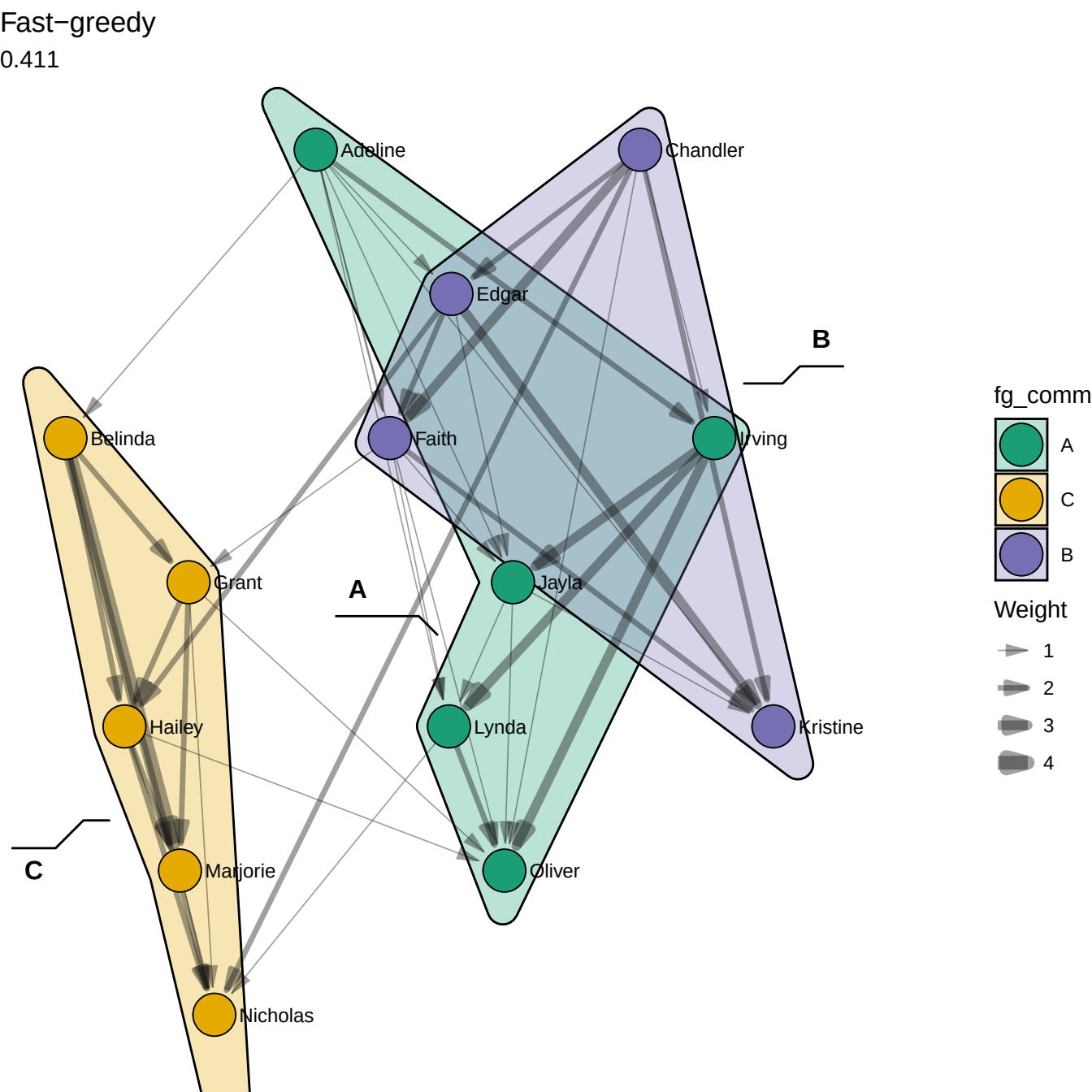

Adeline
Chandler
Edgar
Belinda
Faith
Irving
Grant
Jayla
Hailey
Lynda
Kristine
Marjorie
Oliver
Nicholas
Weight
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2
3
4

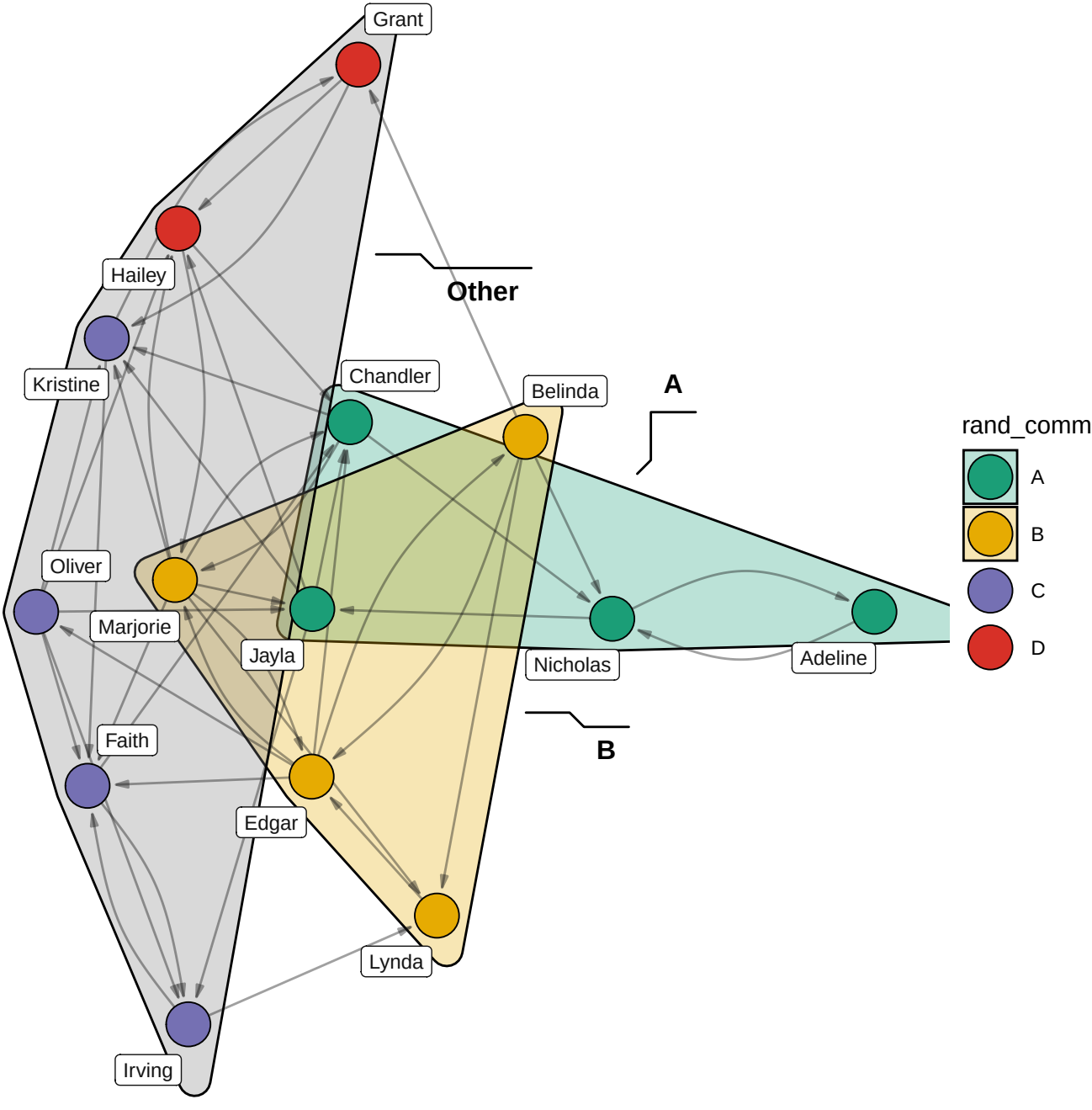

Adeline
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Belinda
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Irving
Grant
Jayla
Hailey
Lynda
Kristine
Marjorie
Oliver
Nicholas
walk_comm
B
A
C
Weight
1
2
3
4


Adeline
Chandler
Edgar
C
Belinda
Faith
Irving
Grant
B
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Nicholas
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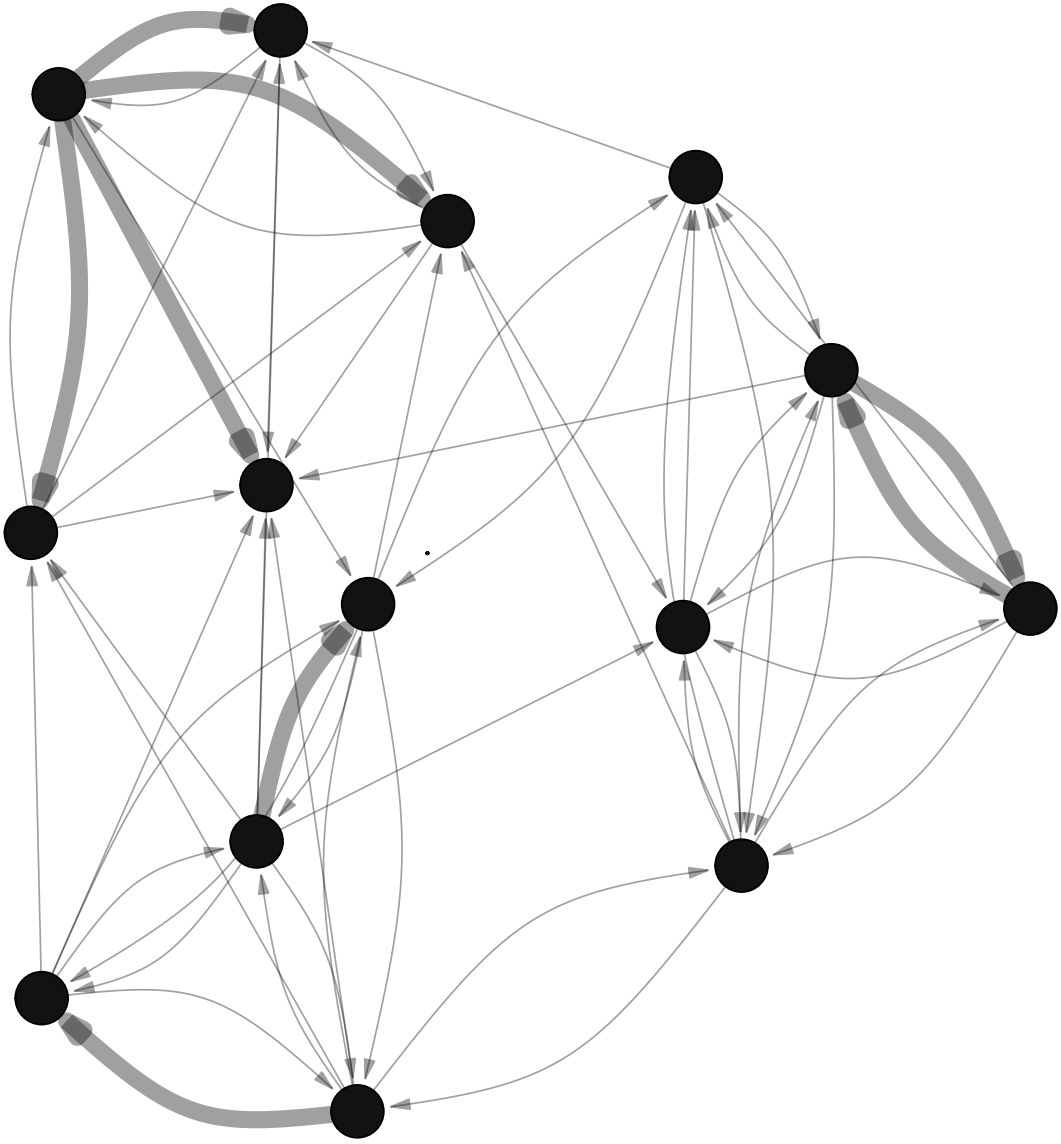

Walktrap
0.411
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Edgar
C
Belinda
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Irving
Grant
B
Jayla
Hailey
Lynda
Kristine
A
Marjorie
Oliver
Nicholas
walk_comm
B
A
C
Weight
1
2
3
4


Edge−betweenness
0.085
Adeline
Chandler
Edgar
Belinda
Faith
Irving
Grant
Jayla
H
Hailey
Lynda
Kristine
Marjorie
Oliver
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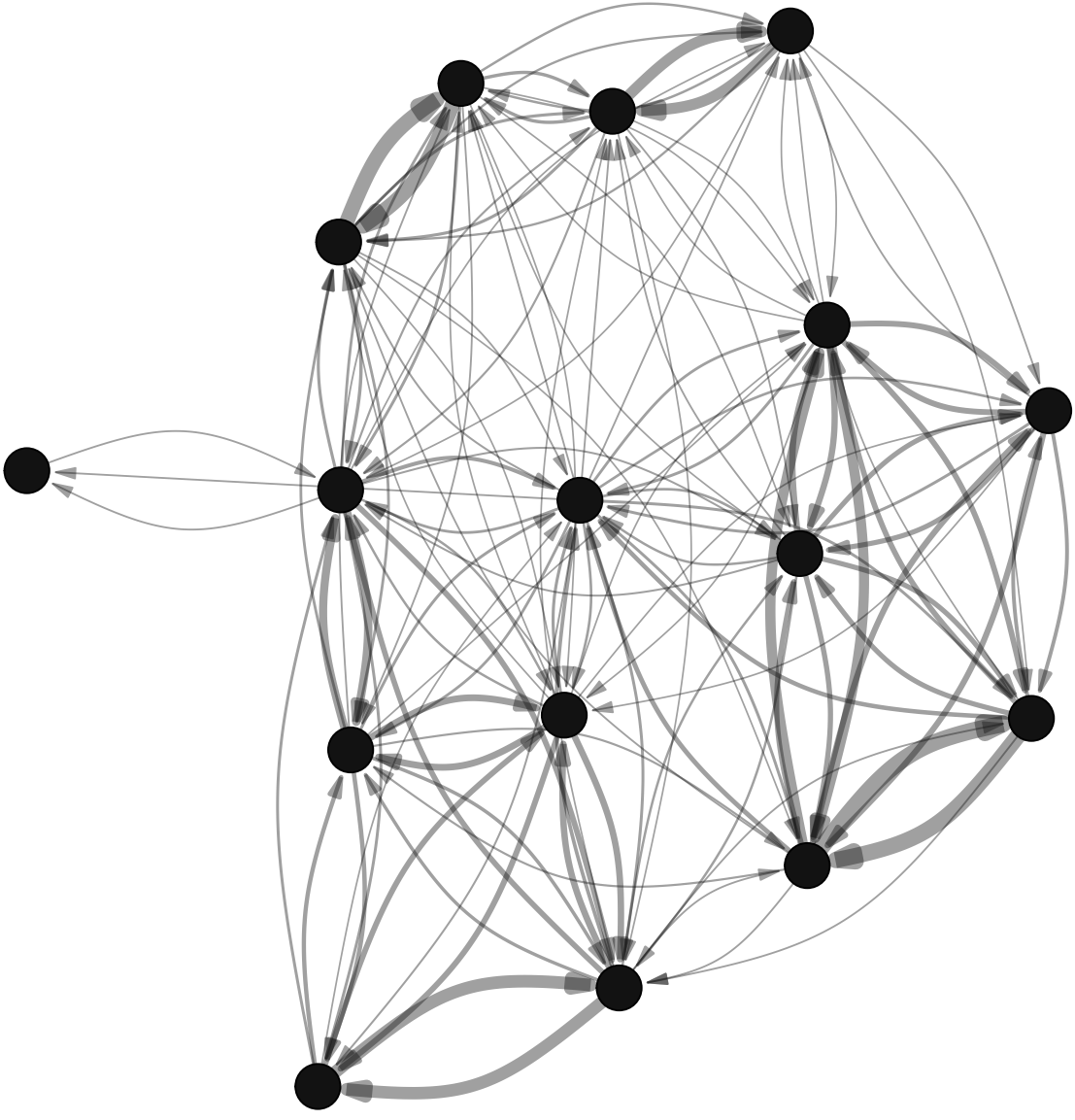

Fast−greedy
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Faith
Irving
Grant
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Jayla
Hailey
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Kristine
C
Marjorie
Oliver
Nicholas
fg_comm
A
C
B
Weight
1
2
3
4


Grant
Hailey
Kristine
Chandler
Belinda
Oliver
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C
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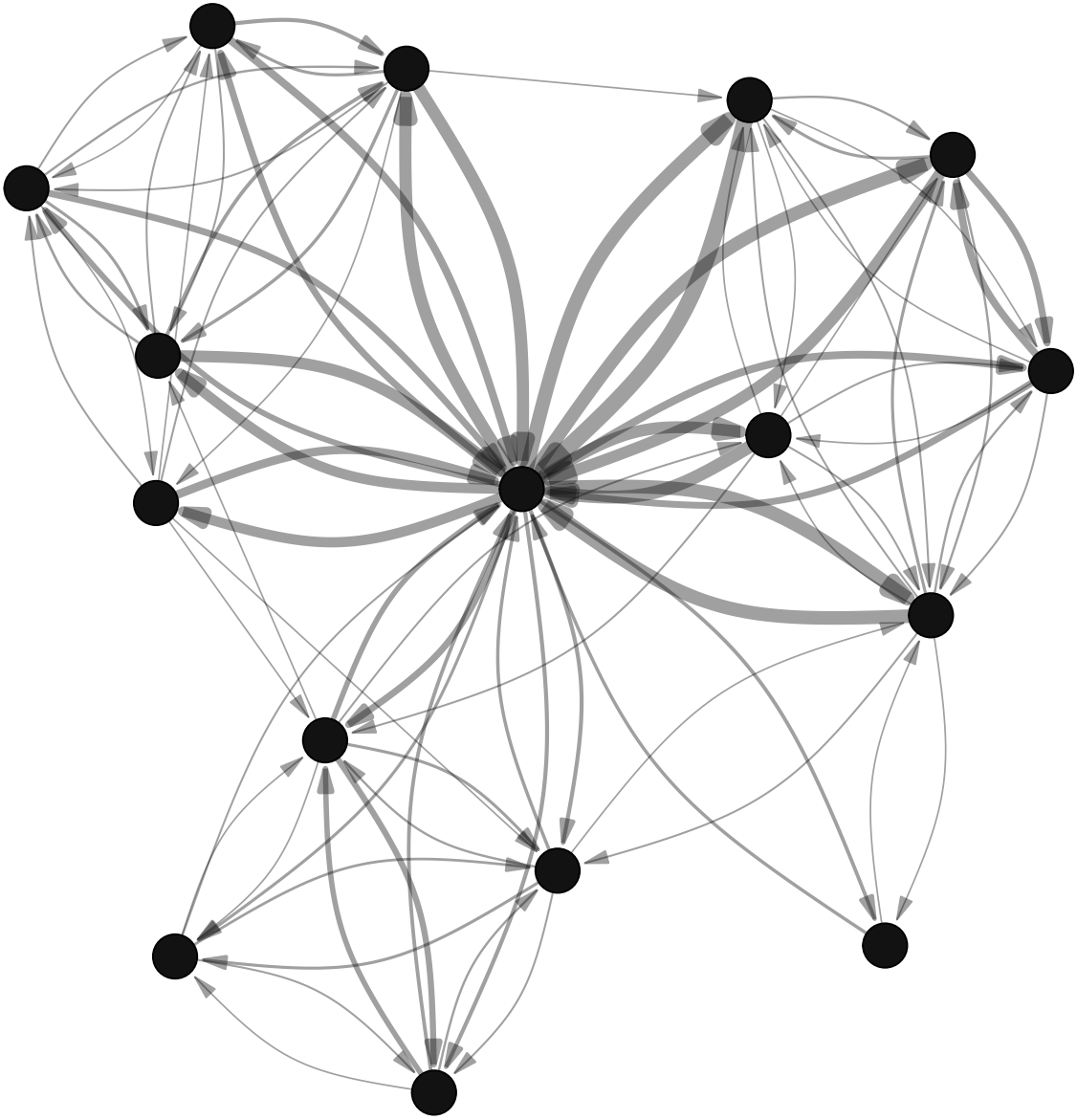
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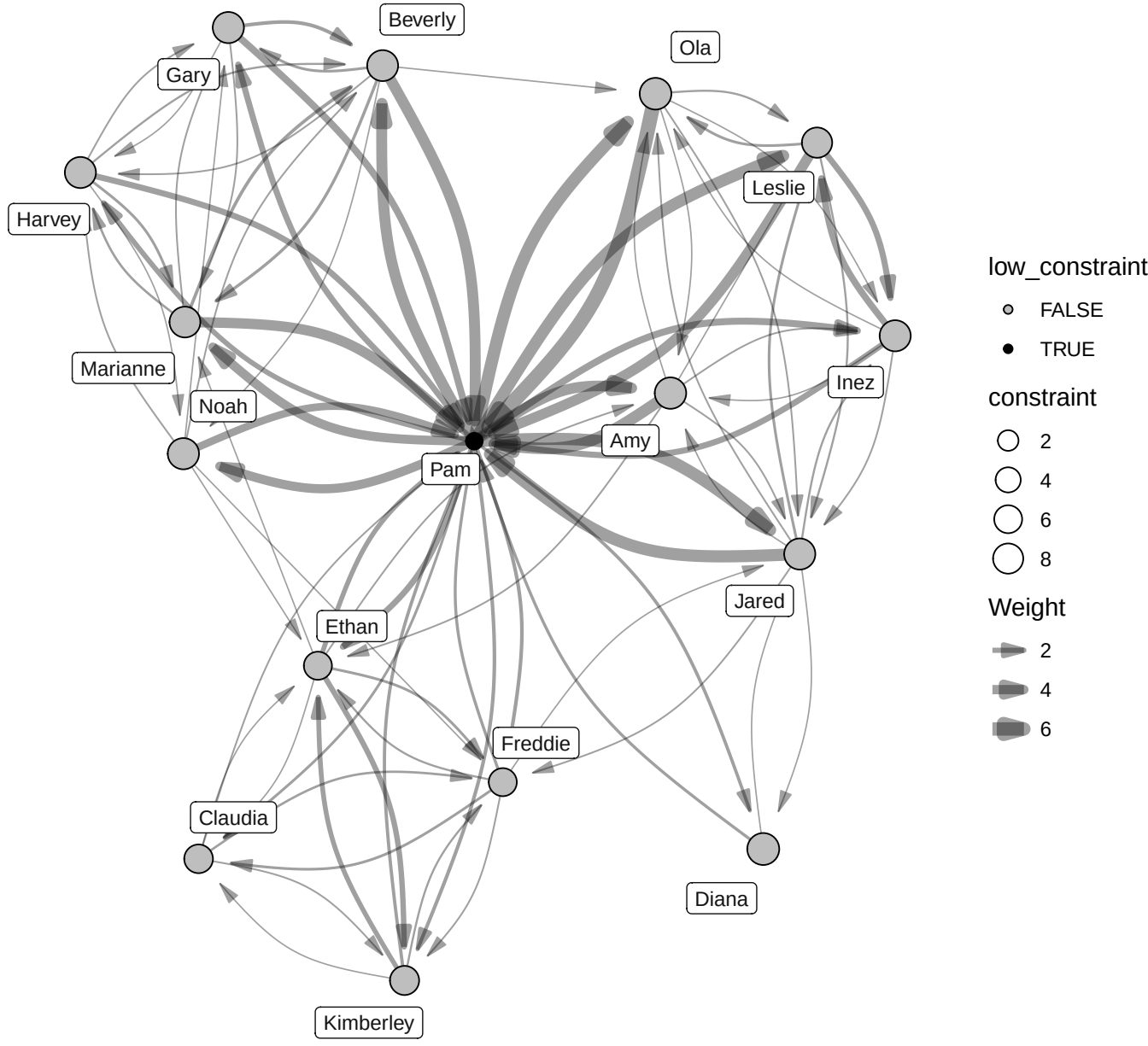


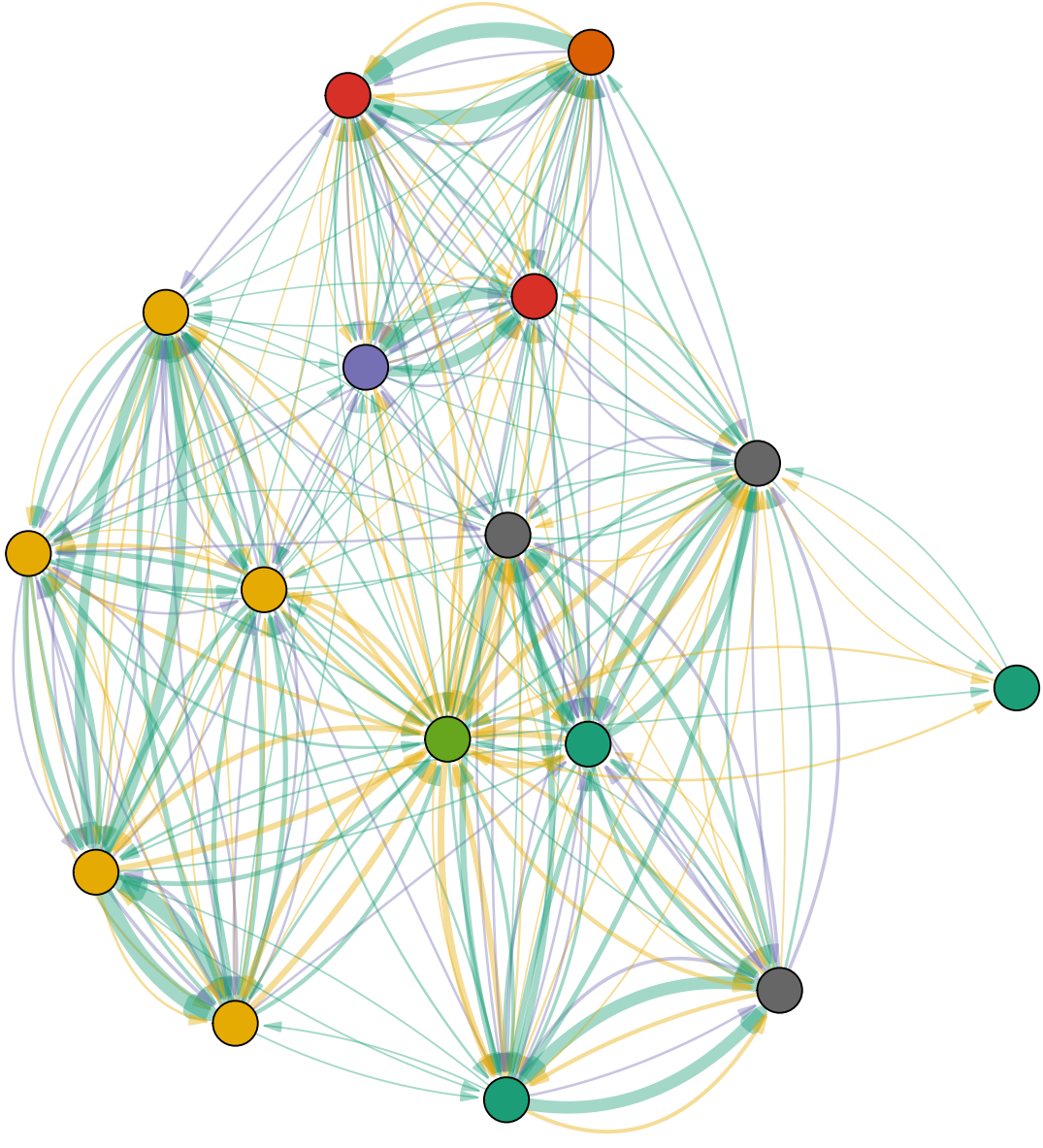
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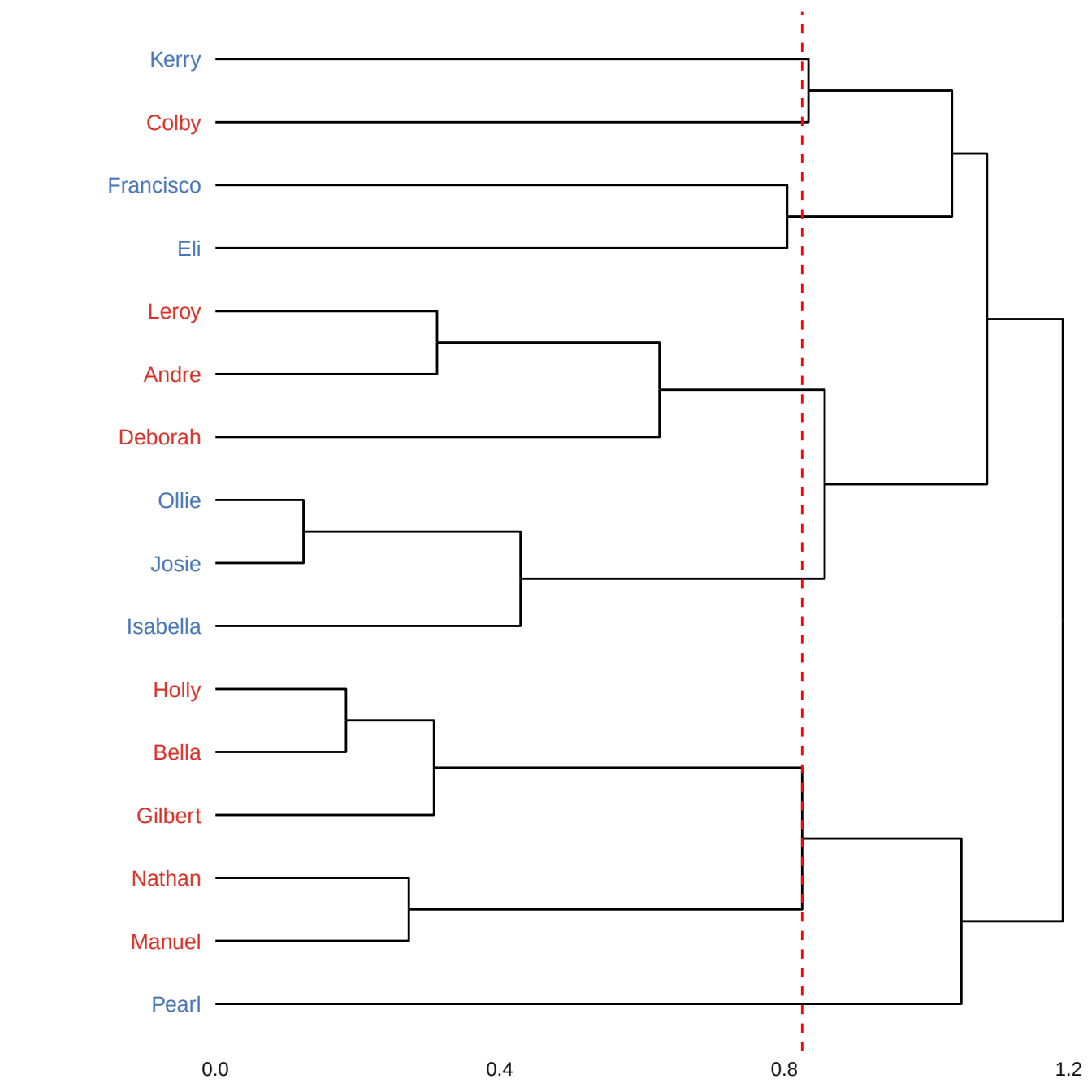


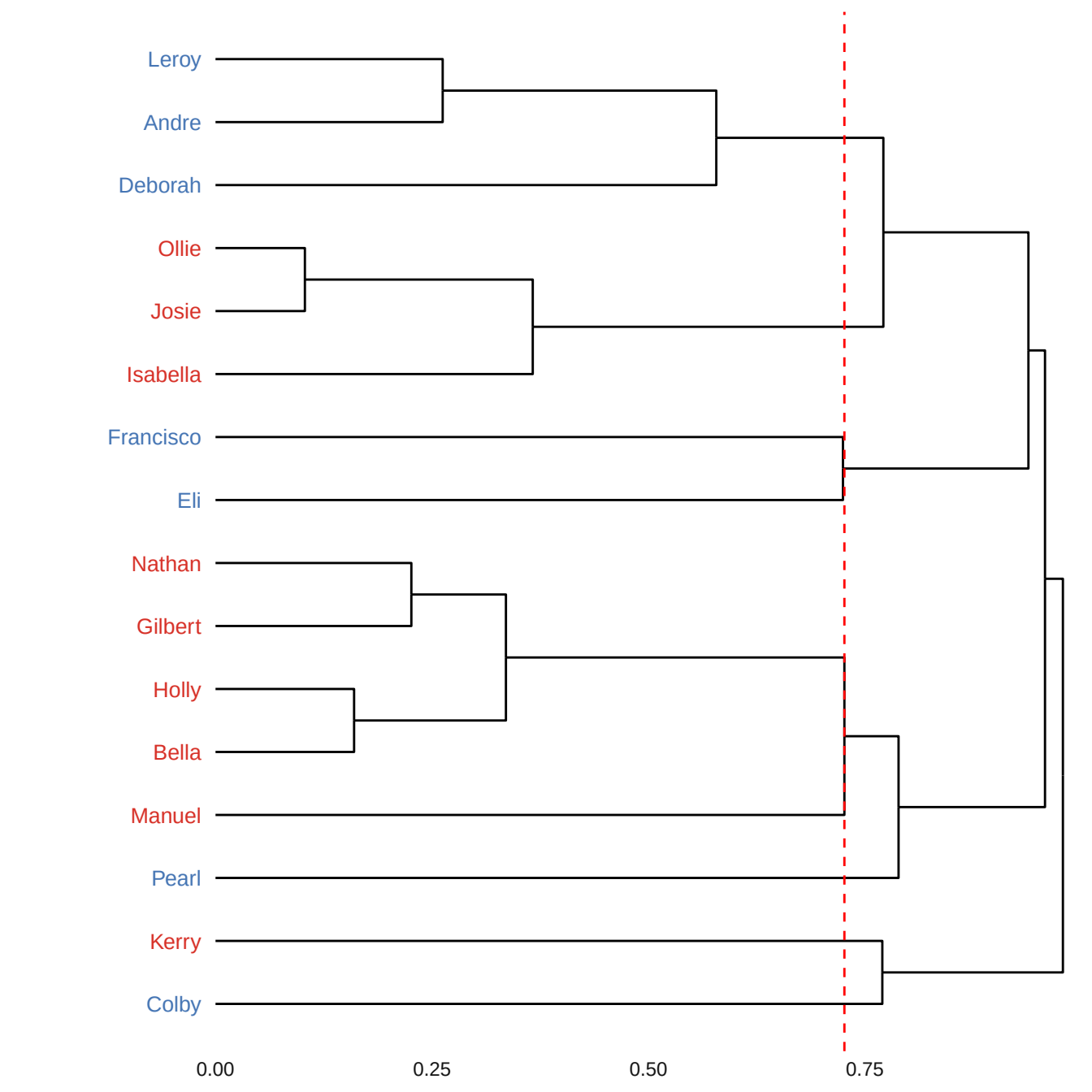
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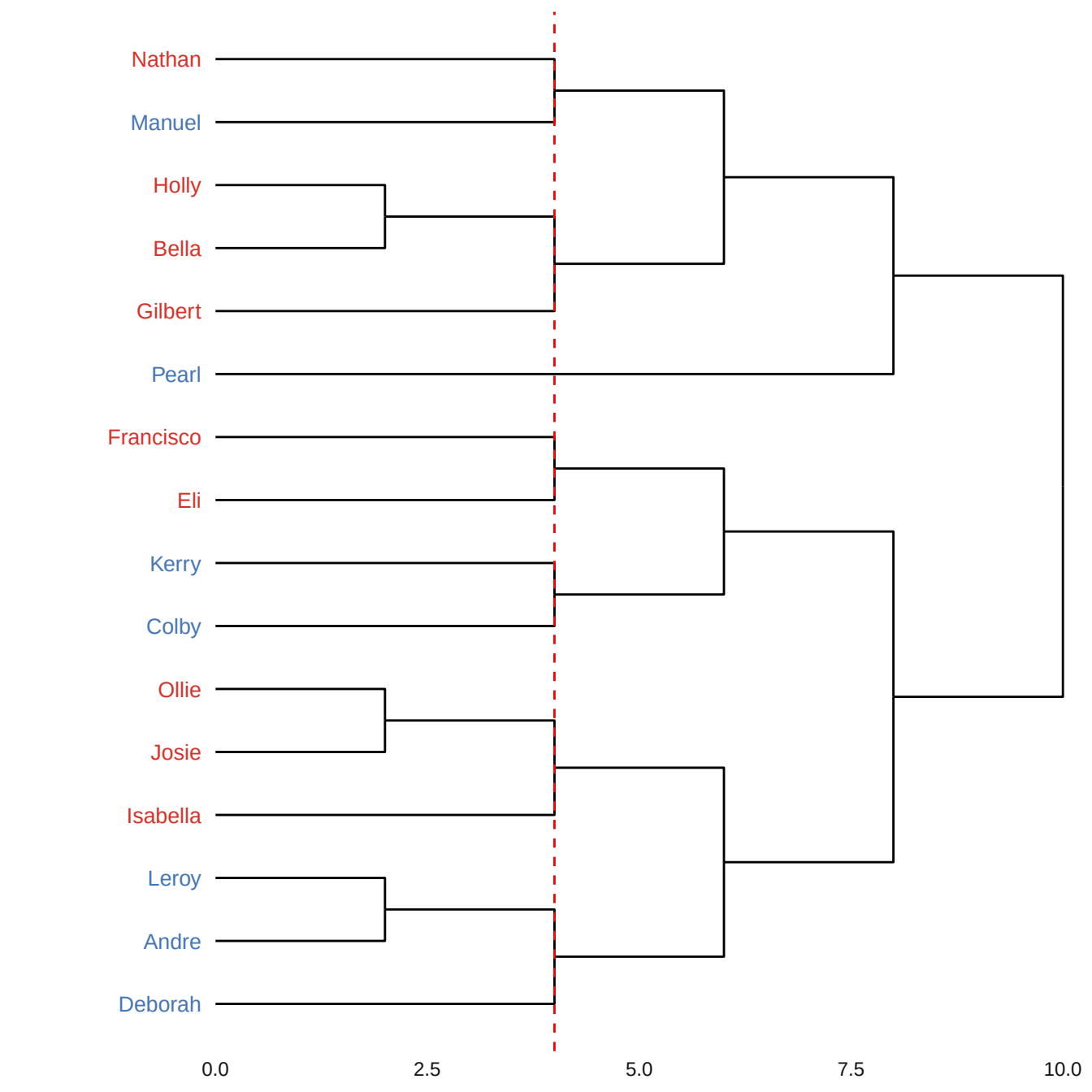


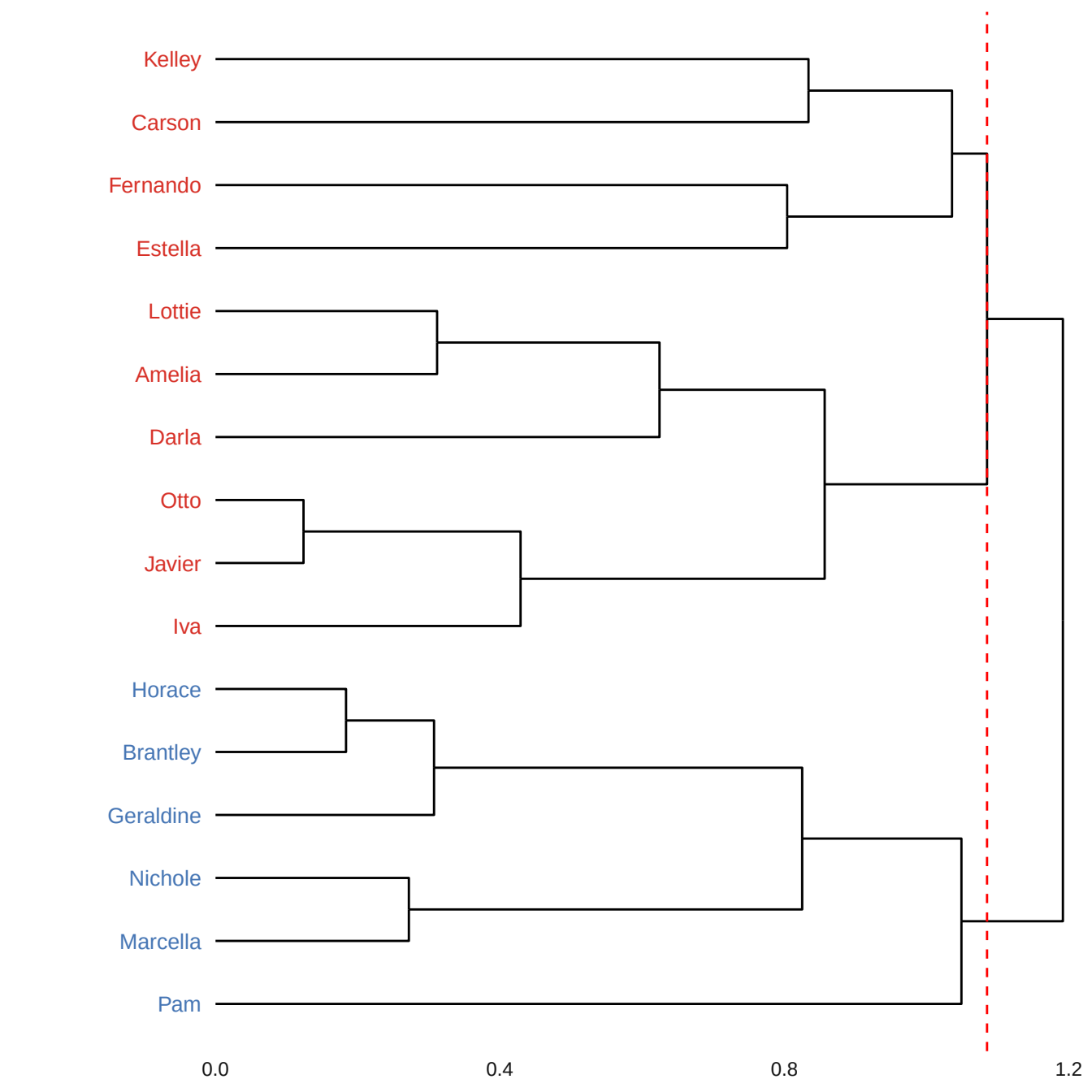

Beverly
Ola
Gary
Leslie
Harvey
Marianne
Inez
Noah
Amy
Pam
Jared
Ethan
Freddie
Claudia
Diana
Kimberley
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FALSE
TRUE
constraint
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4
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8
Weight
2
4
6

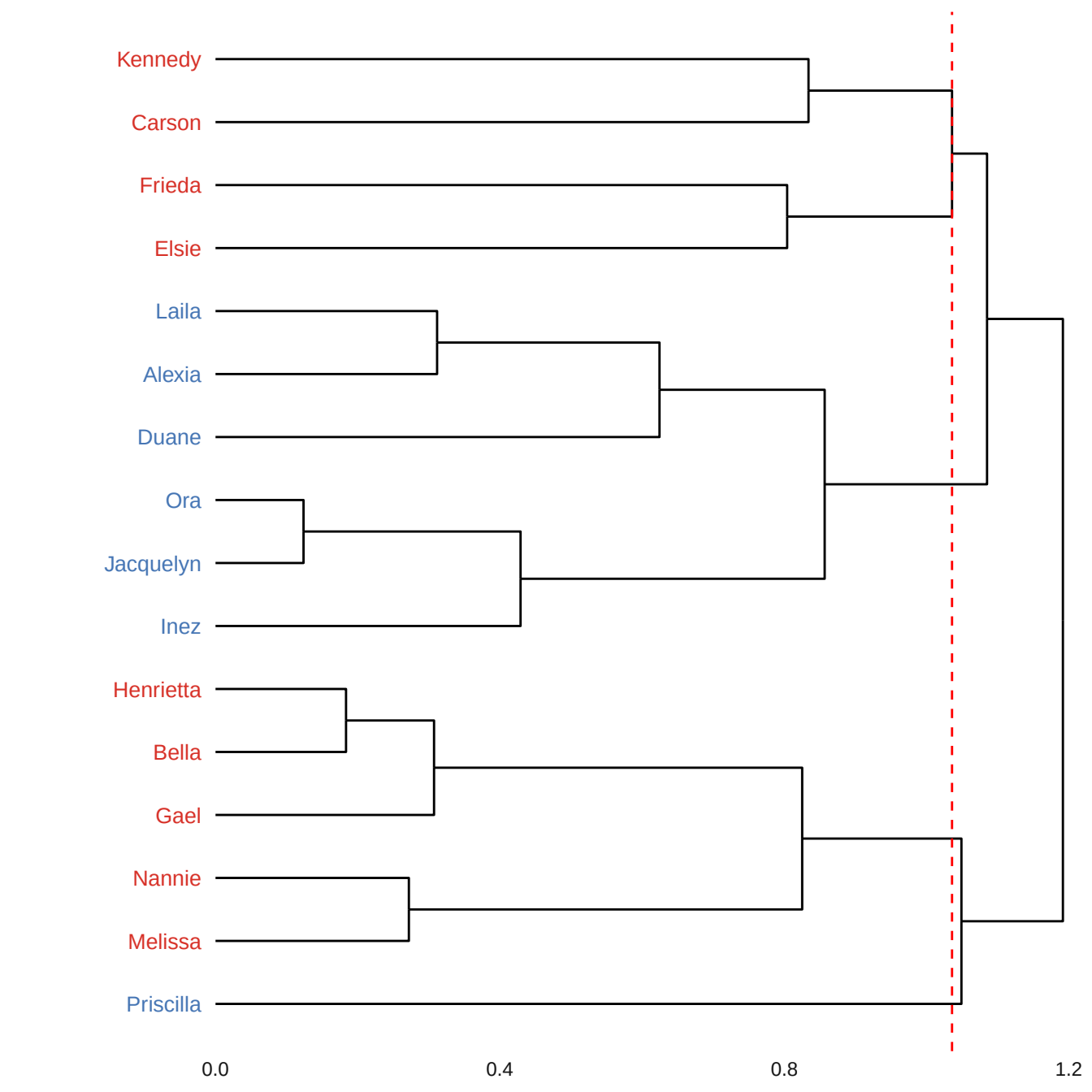

se
A
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D
E
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G
Layer
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tasks
friends
Weight
5
10

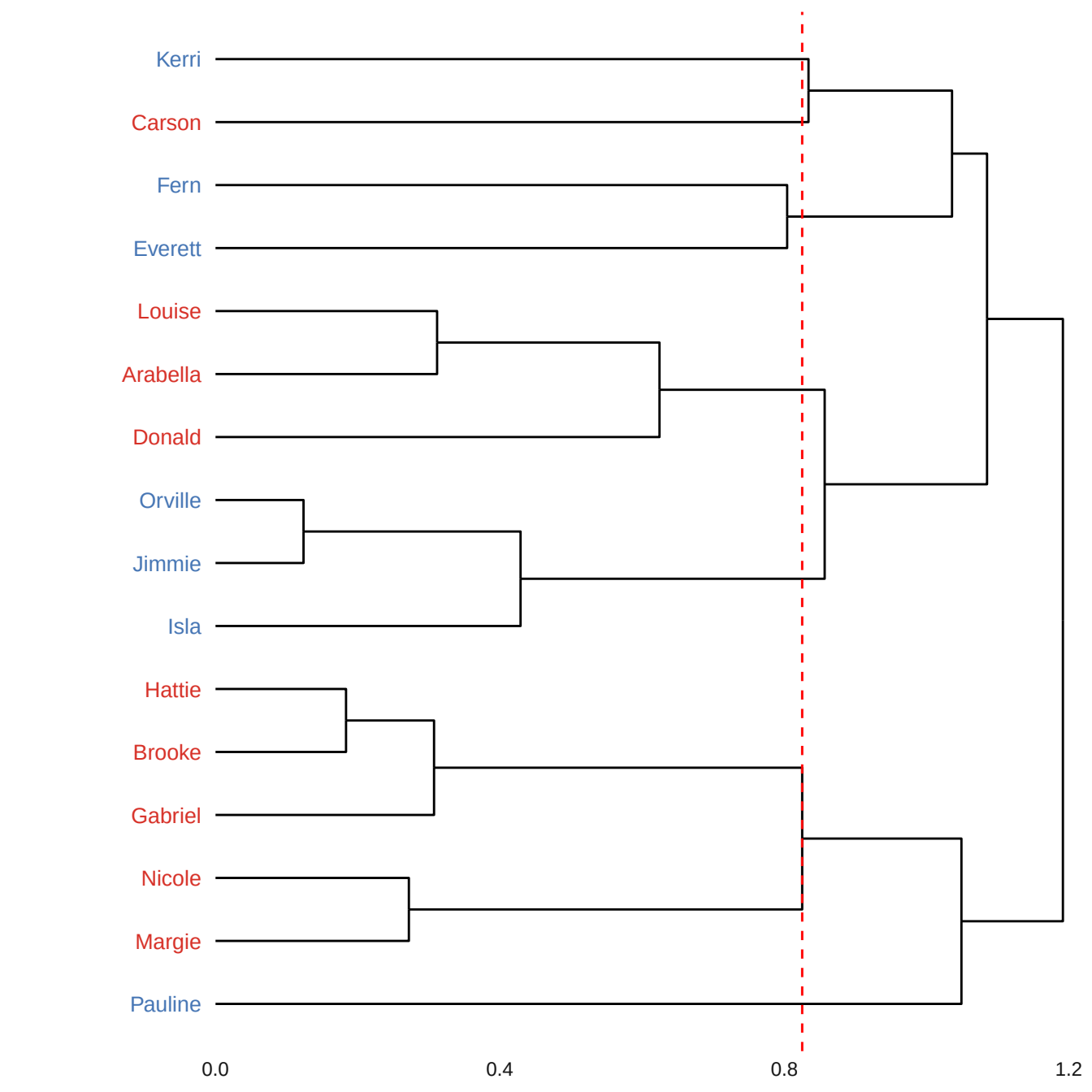

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Colby
Francisco
Eli
Leroy
Andre
Deborah
Ollie
Josie
Isabella
Holly
Bella
Gilbert
Nathan
Manuel
Pearl
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0.8
1.2

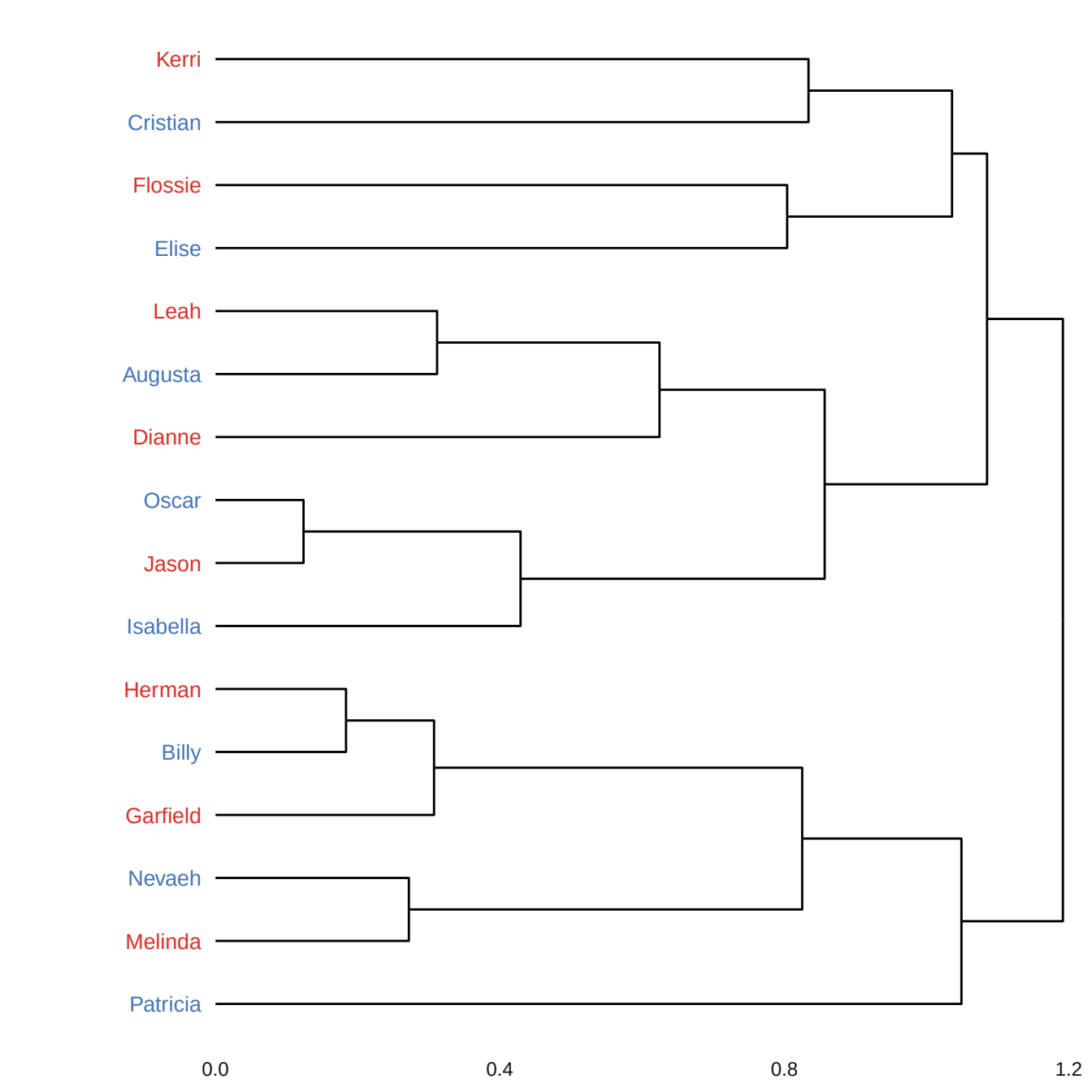

Leroy
Andre
Deborah
Ollie
Josie
Isabella
Francisco
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Nathan
Gilbert
Holly
Bella
Manuel
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Kerry
Colby
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0.75

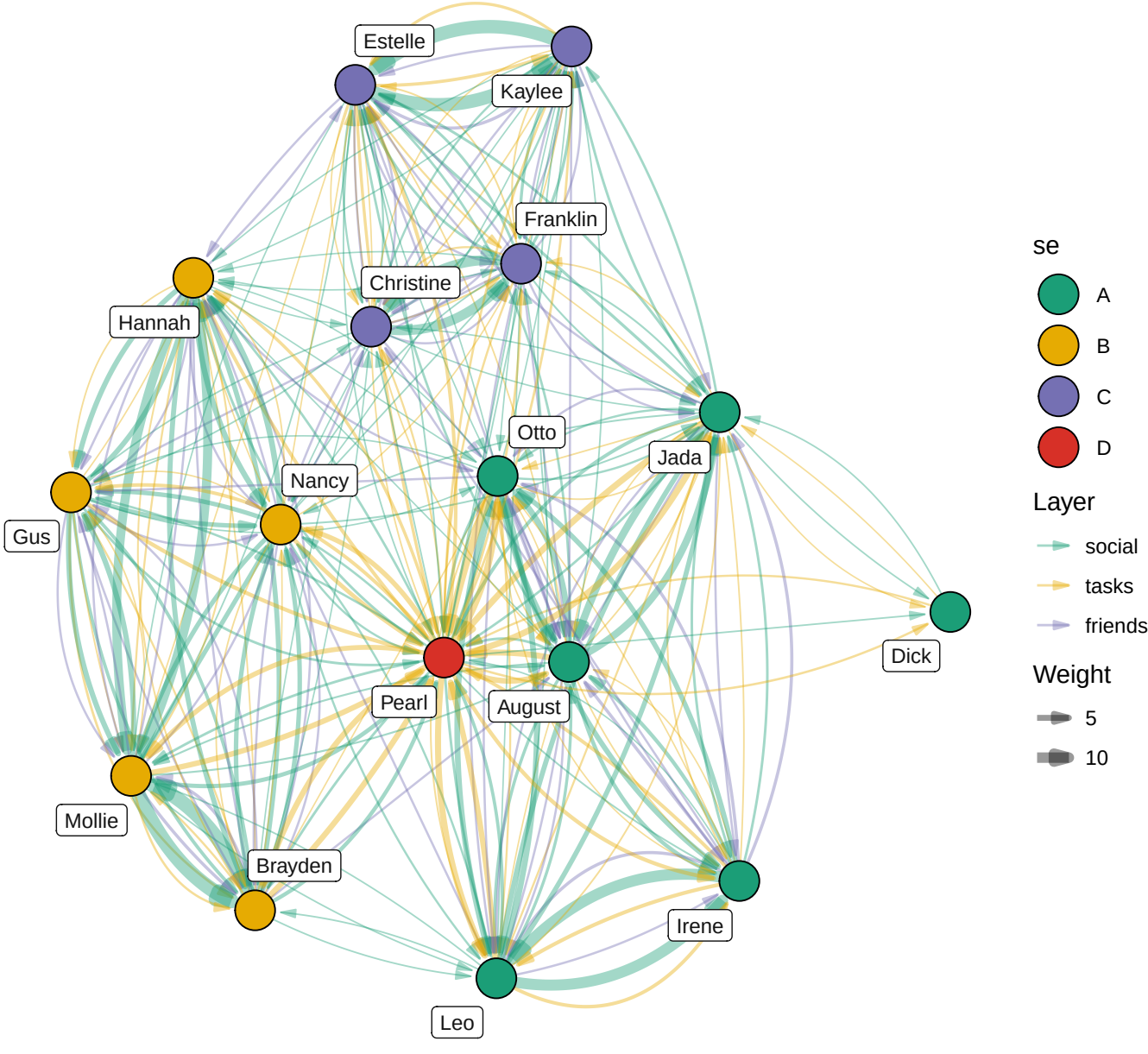

Nathan
Manuel
Holly
Bella
Gilbert
Pearl
Francisco
Eli
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Andre
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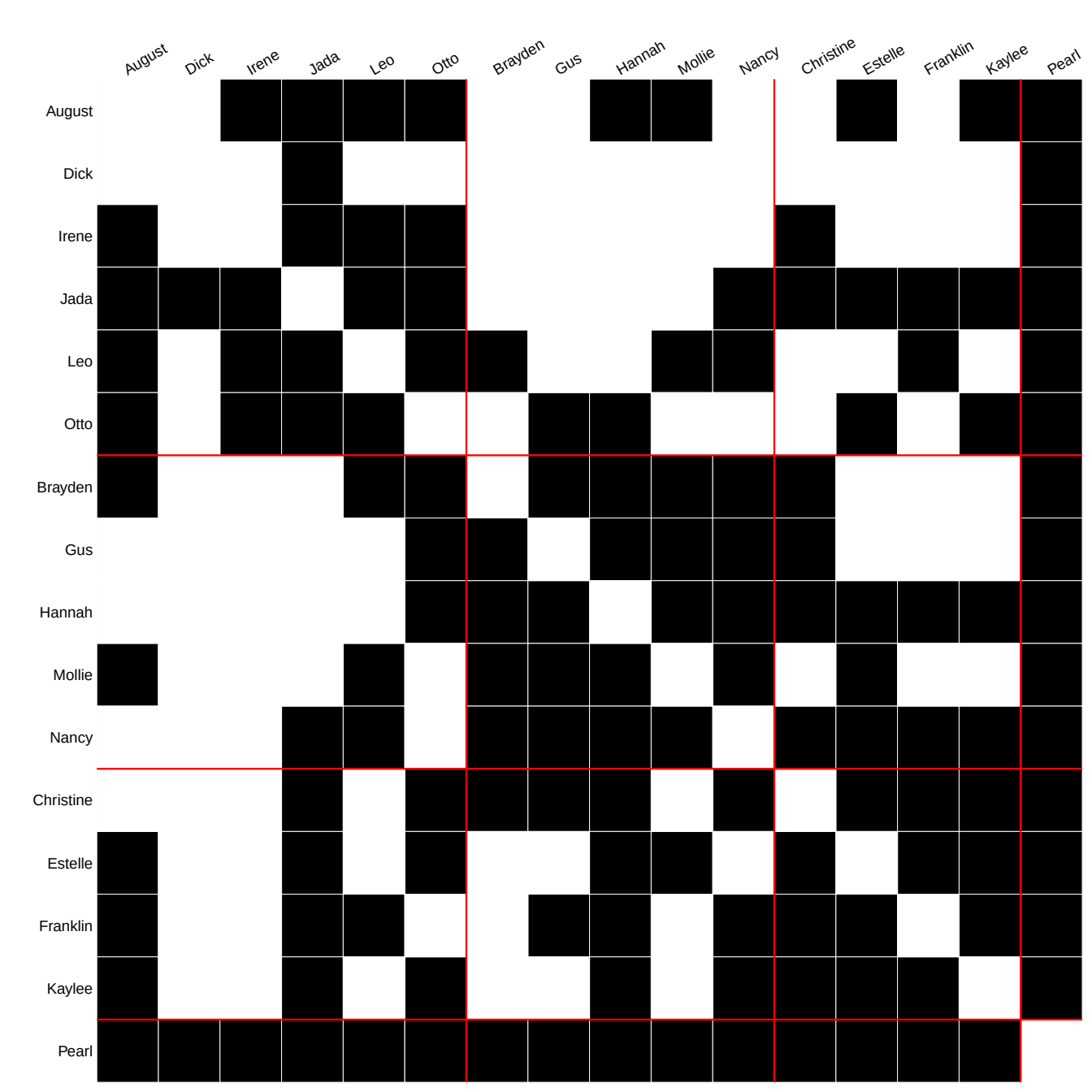

Kelley
Carson
Fernando
Estella
Lottie
Amelia
Darla
Otto
Javier
Iva
Horace
Brantley
Geraldine
Nichole
Marcella
Pam
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0.8
1.2

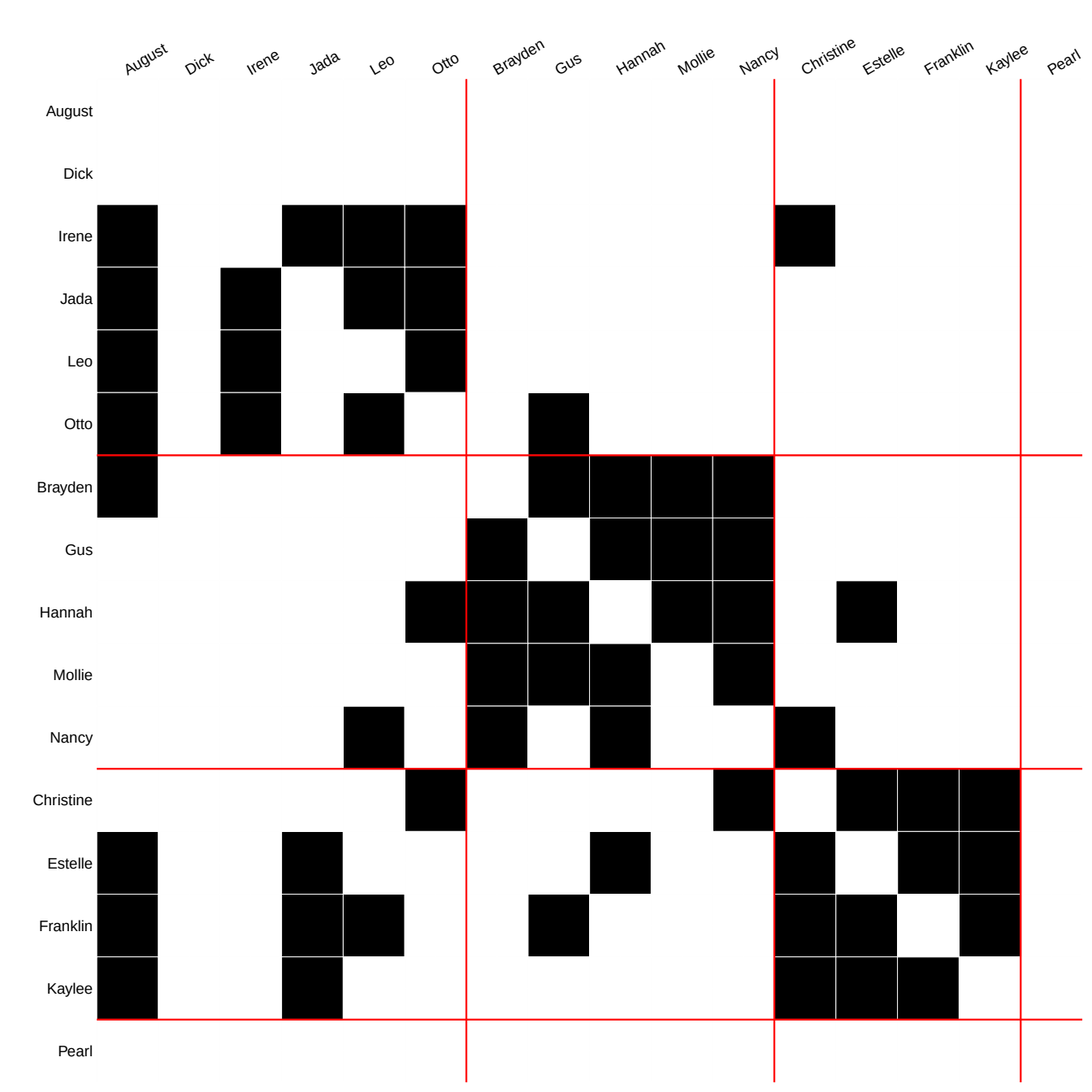

Kennedy
Carson
Frieda
Elsie
Laila
Alexia
Duane
Ora
Jacquelyn
Inez
Henrietta
Bella
Gael
Nannie
Melissa
Priscilla
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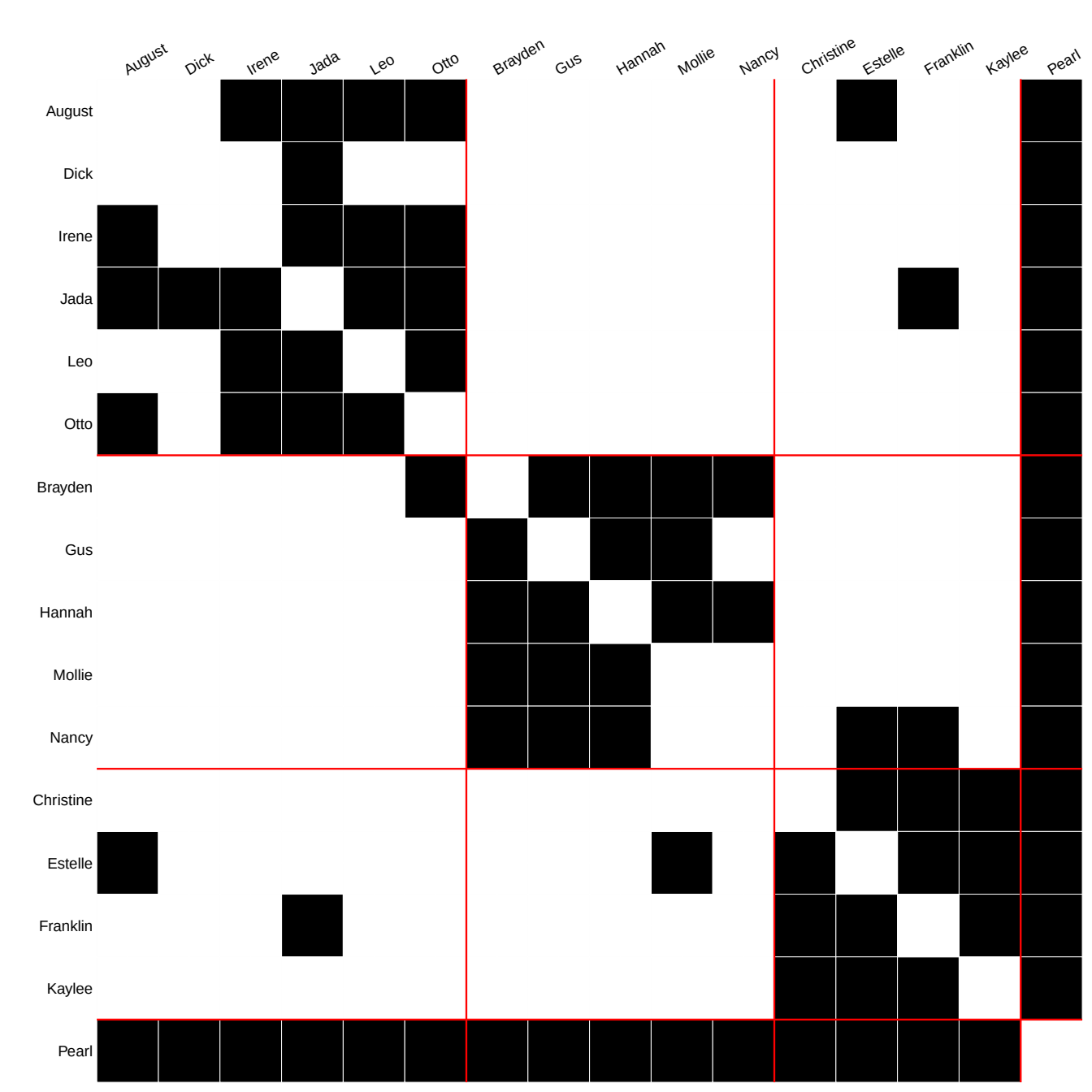

Kerri
Carson
Fern
Everett
Louise
Arabella
Donald
Orville
Jimmie
Isla
Hattie
Brooke
Gabriel
Nicole
Margie
Pauline
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1.2

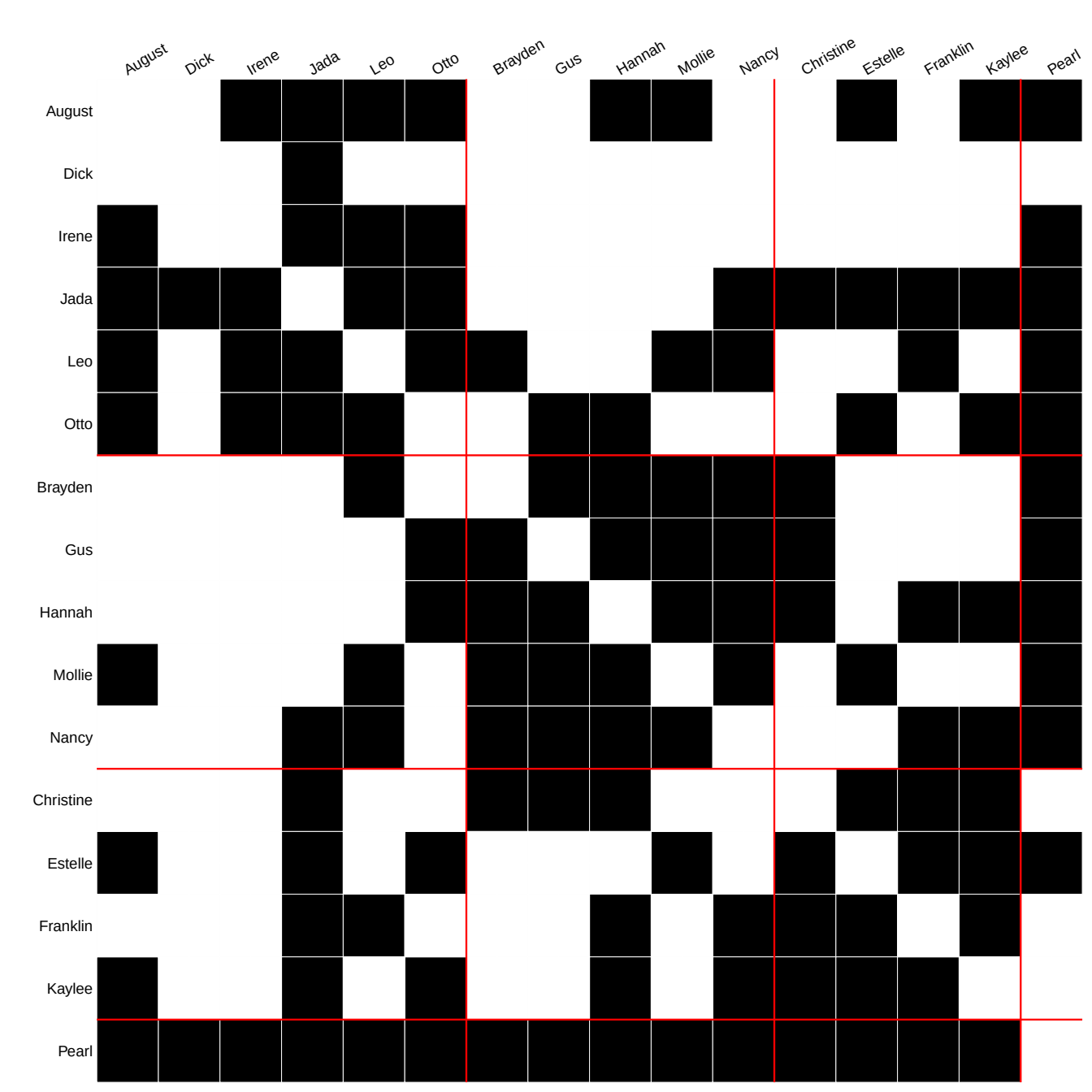

Kerri
Cristian
Flossie
Elise
Leah
Augusta
Dianne
Oscar
Jason
Isabella
Herman
Billy
Garfield
Nevaeh
Melinda
Patricia
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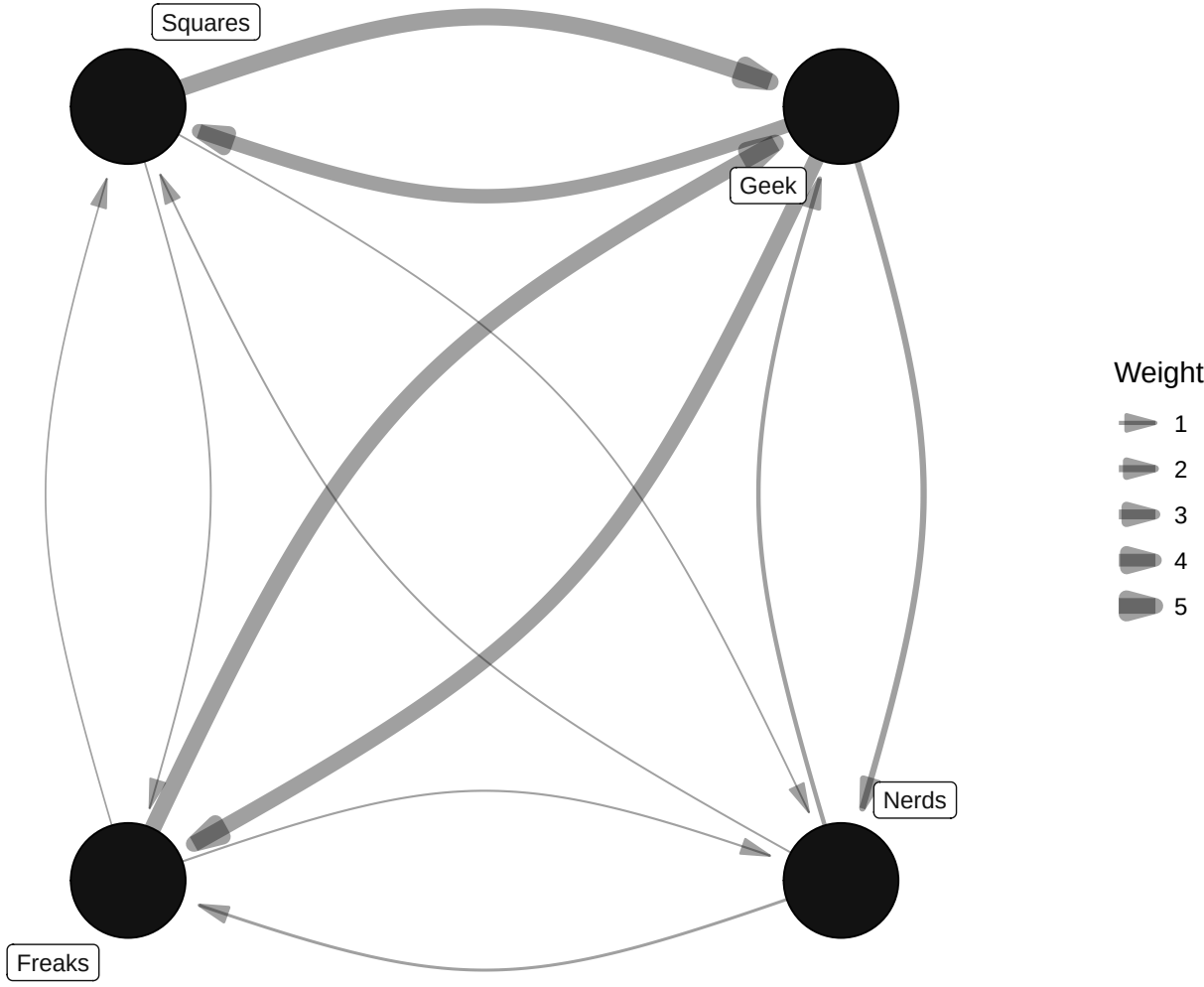

Estelle
Kaylee
Franklin
Christine
Hannah
Otto
Jada
Nancy
Gus
Dick
Pearl
August
Mollie
Brayden
Irene
Leo
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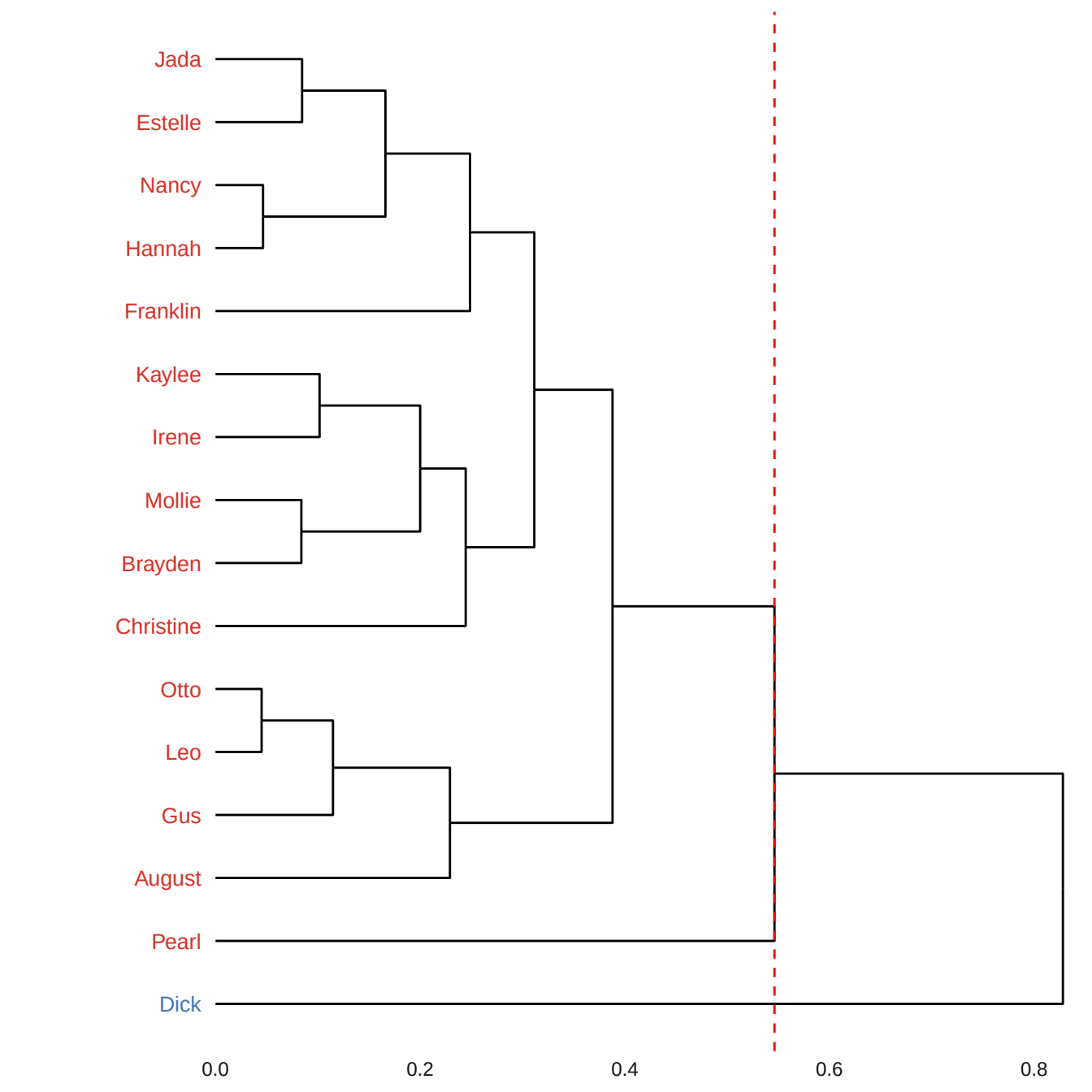

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Kaylee
Pearl

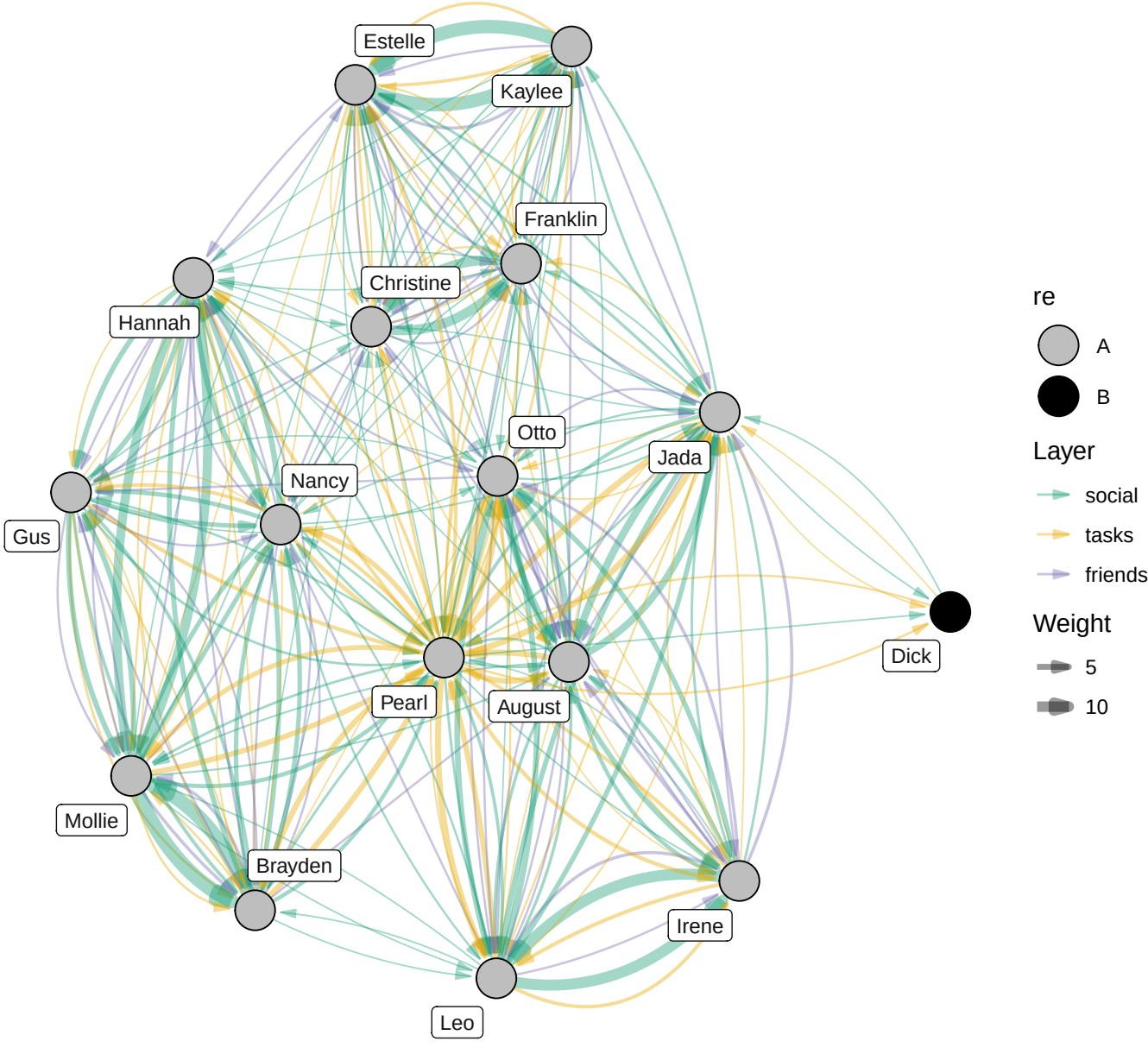

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Estelle
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Pearl

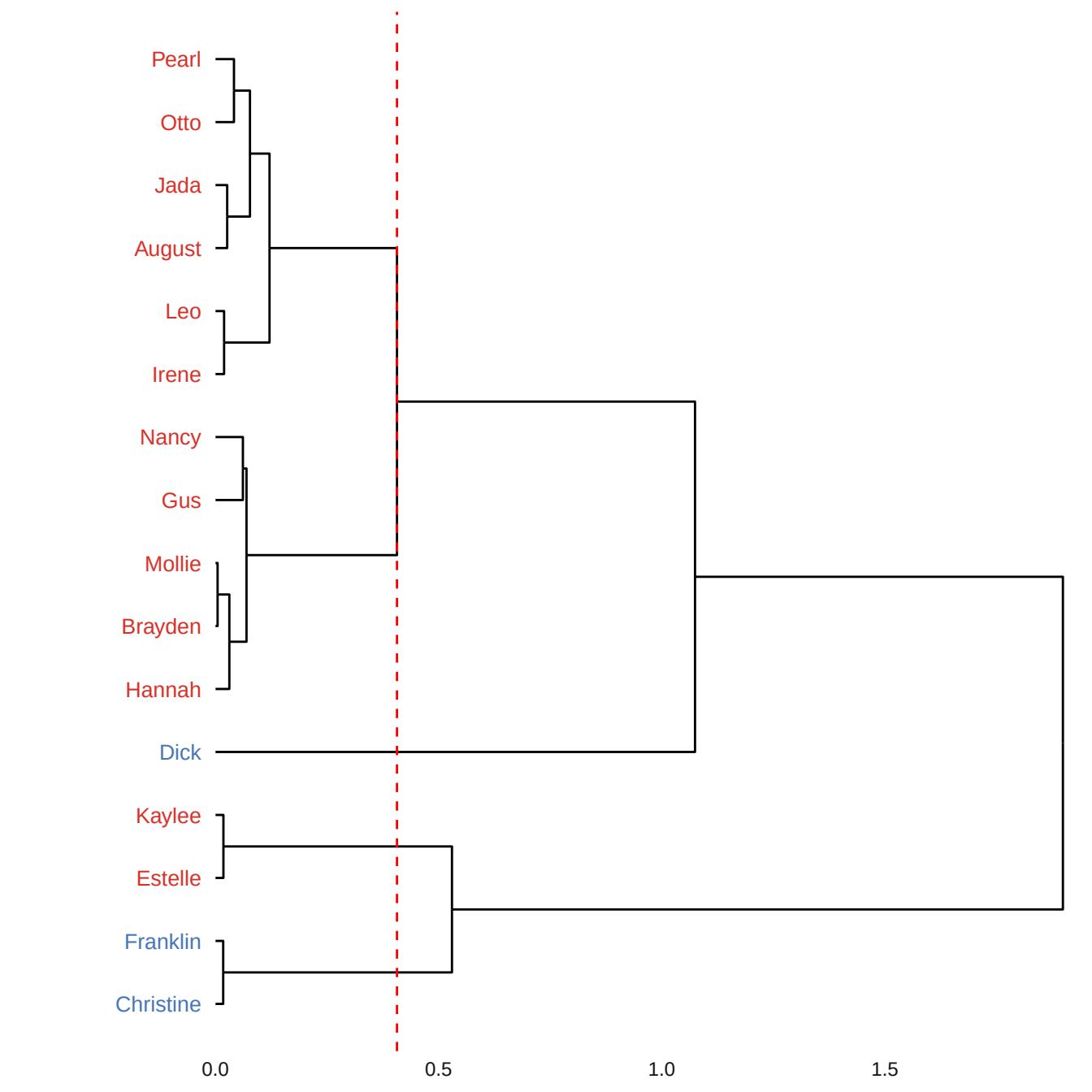

August
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Nancy
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Kaylee
Pearl

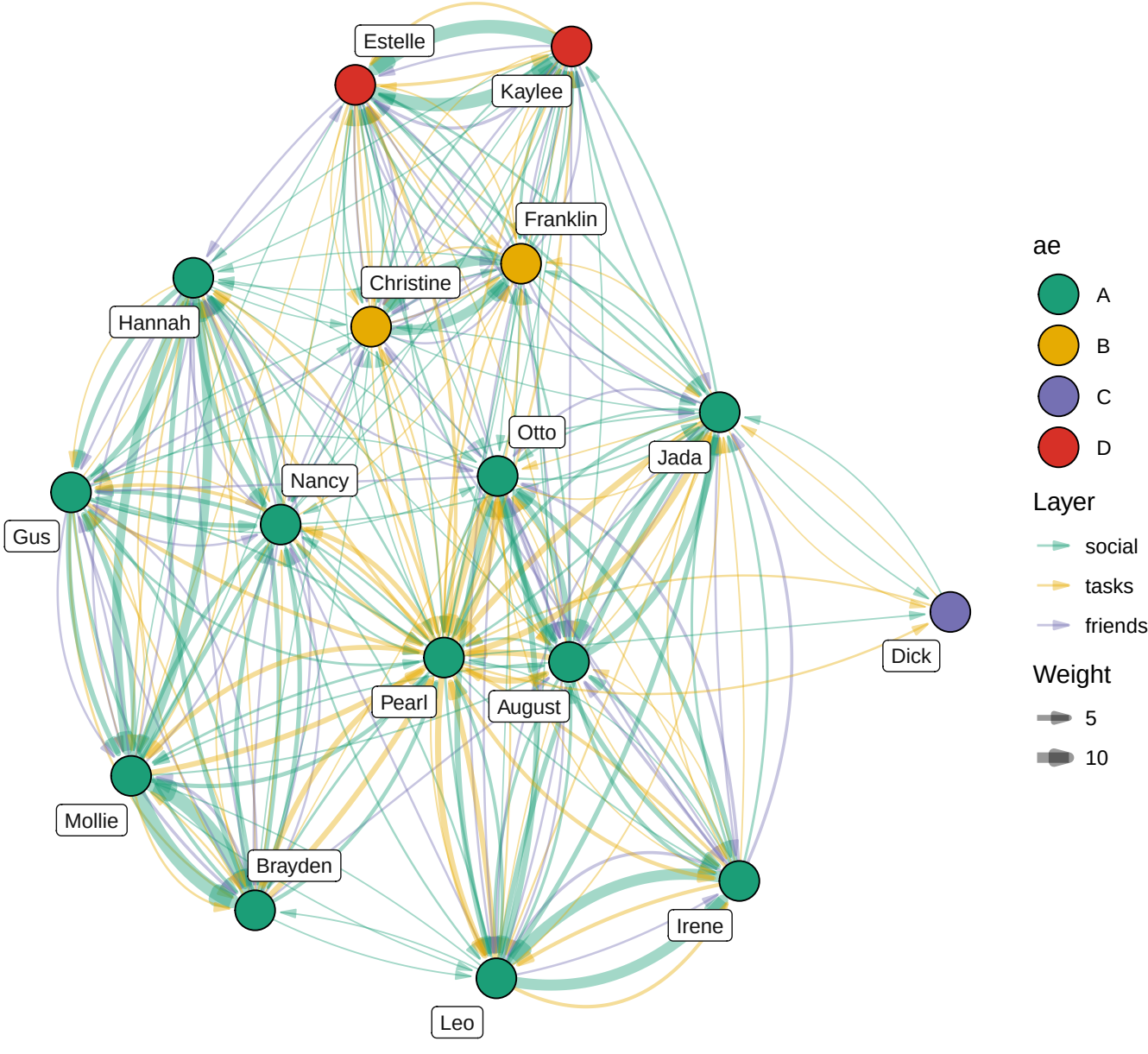

August
Dick
Irene
Jada
Leo
Otto
Brayden
Gus
Hannah
Mollie
Nancy
Christine
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Franklin
Kaylee
Pearl


Squares
Geek
Nerds
Freaks
Weight
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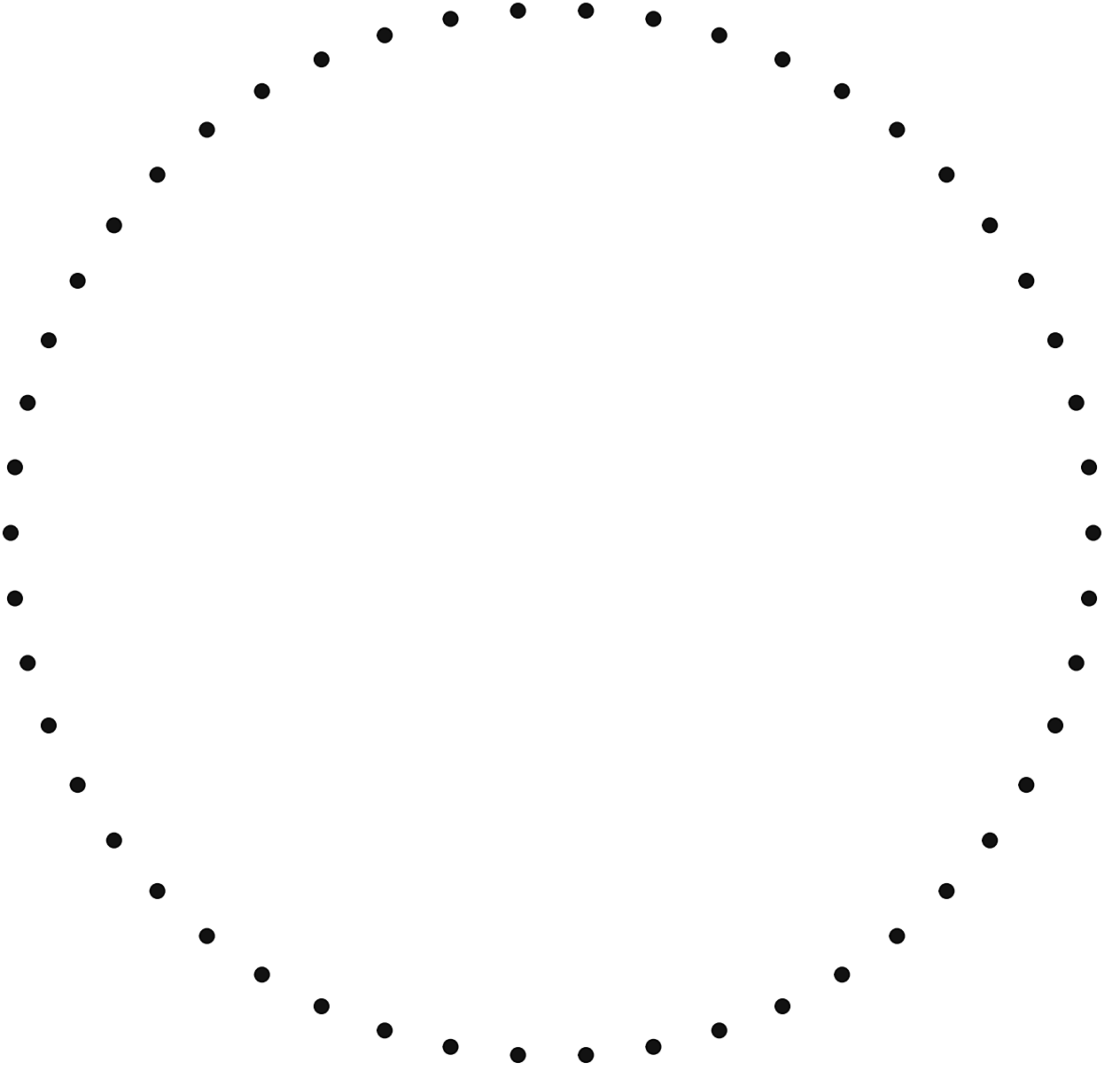

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Estelle
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Franklin
Kaylee
Irene
Mollie
Brayden
Christine
Otto
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Gus
August
Pearl
Dick
0.0
0.2
0.4
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0.8


Estelle
Kaylee
Franklin
Christine
Hannah
Otto
Jada
Nancy
Gus
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Brayden
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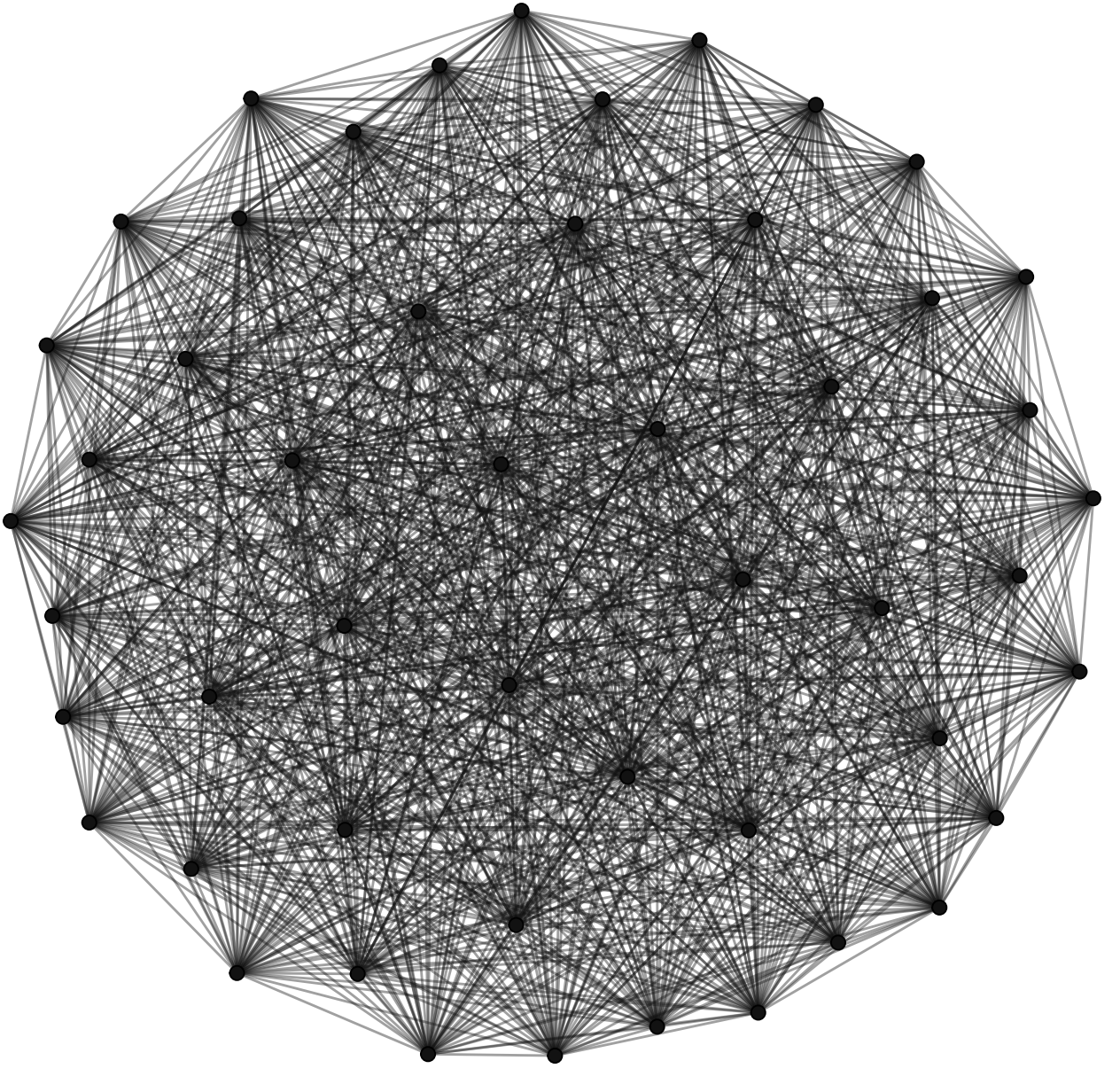

Pearl
Otto
Jada
August
Leo
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Nancy
Gus
Mollie
Brayden
Hannah
Dick
Kaylee
Estelle
Franklin
Christine
0.0
0.5
1.0
1.5


Estelle
Kaylee
Franklin
Christine
Hannah
Otto
Jada
Nancy
Gus
Dick
Pearl
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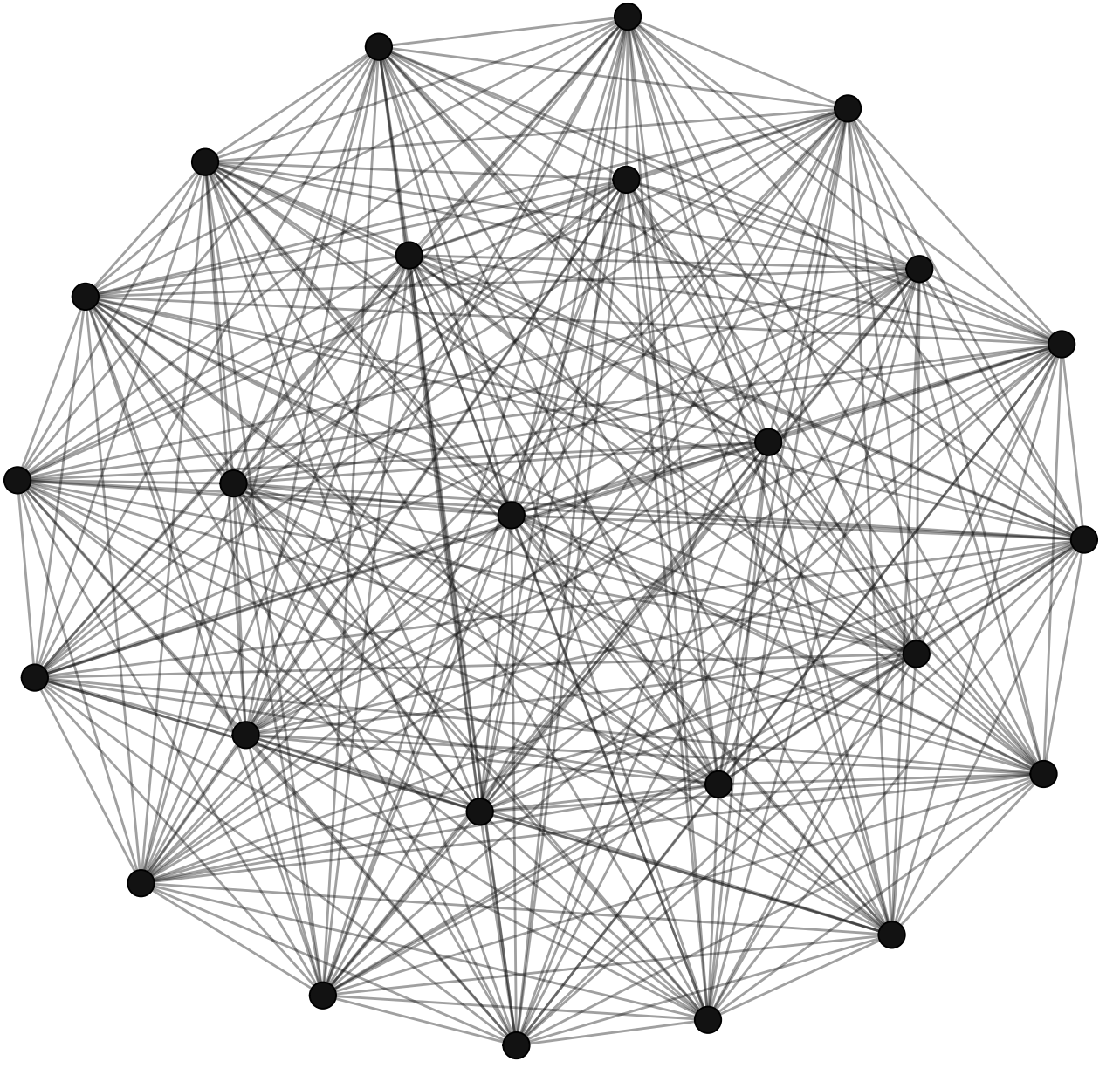
Empty graph



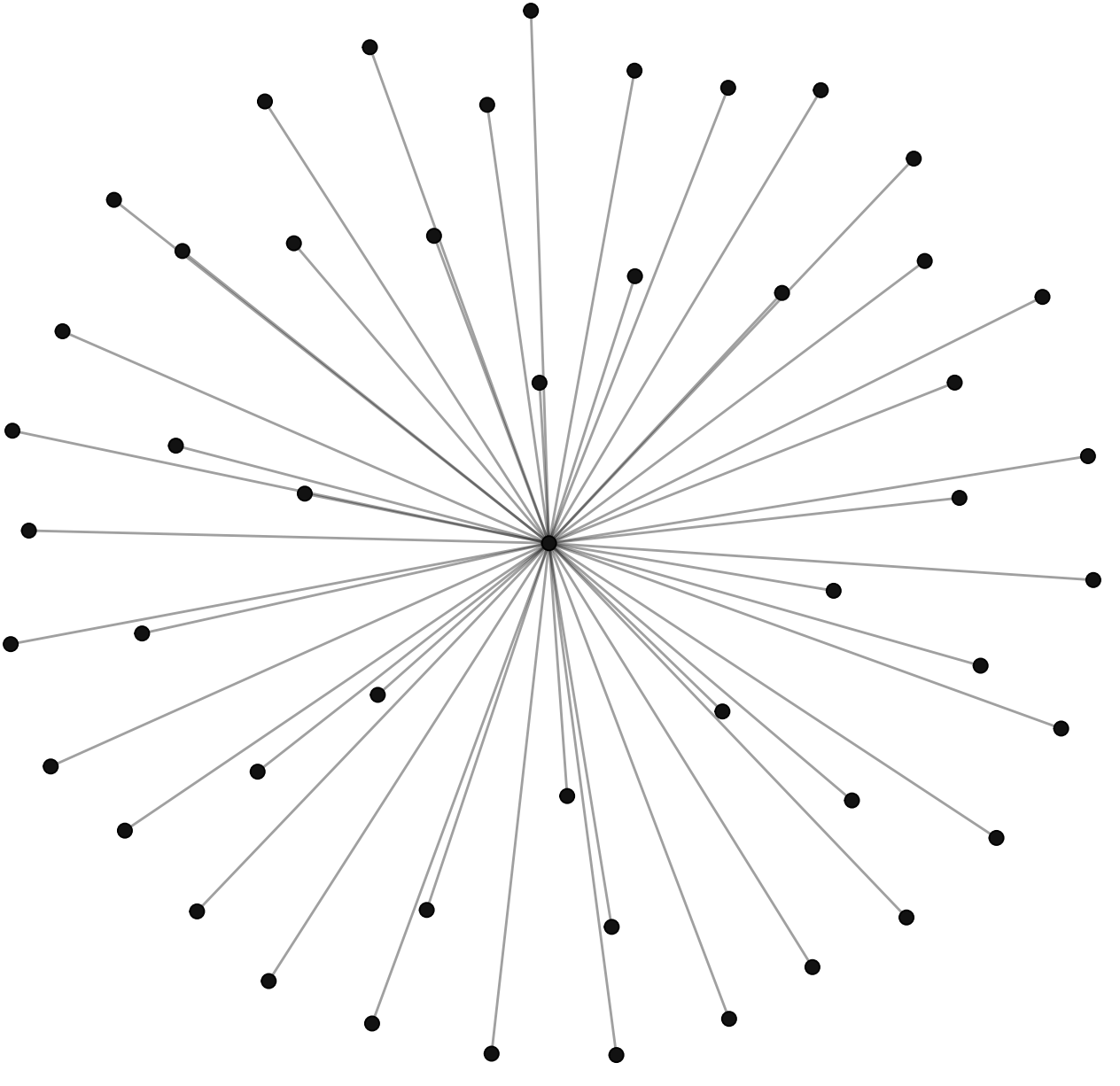
Complete graph



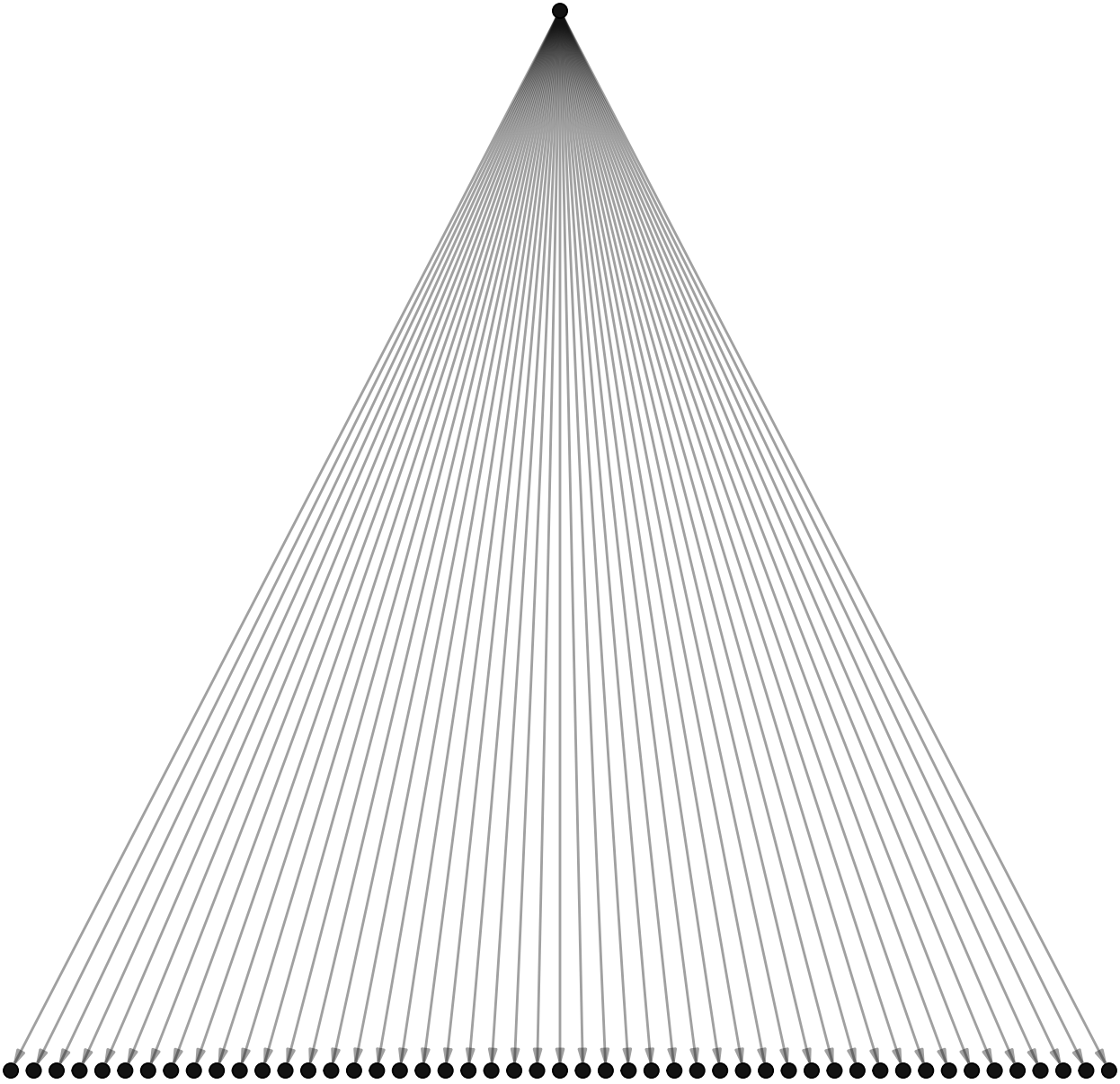
Complete graph (smaller)



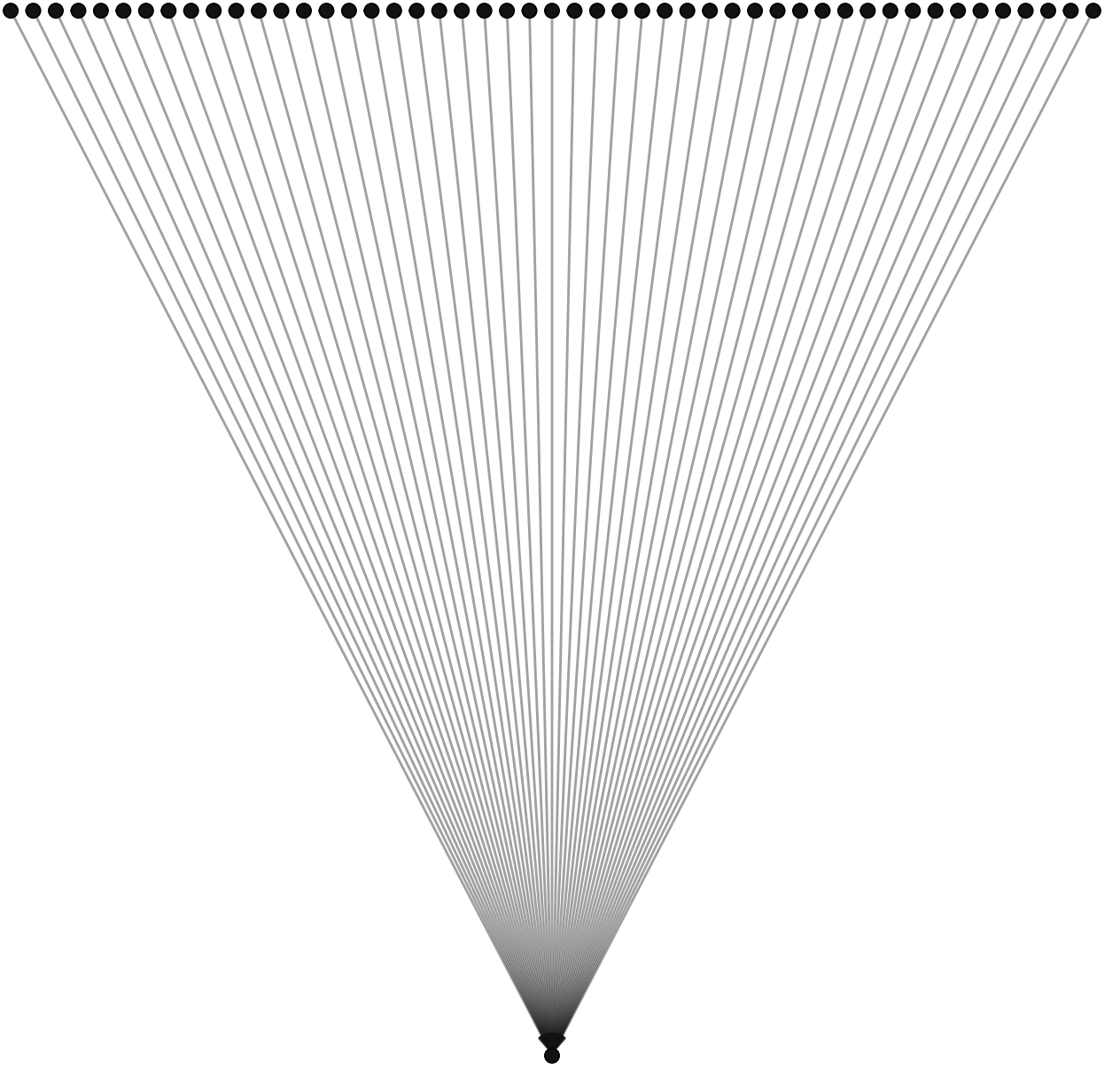
Star graph



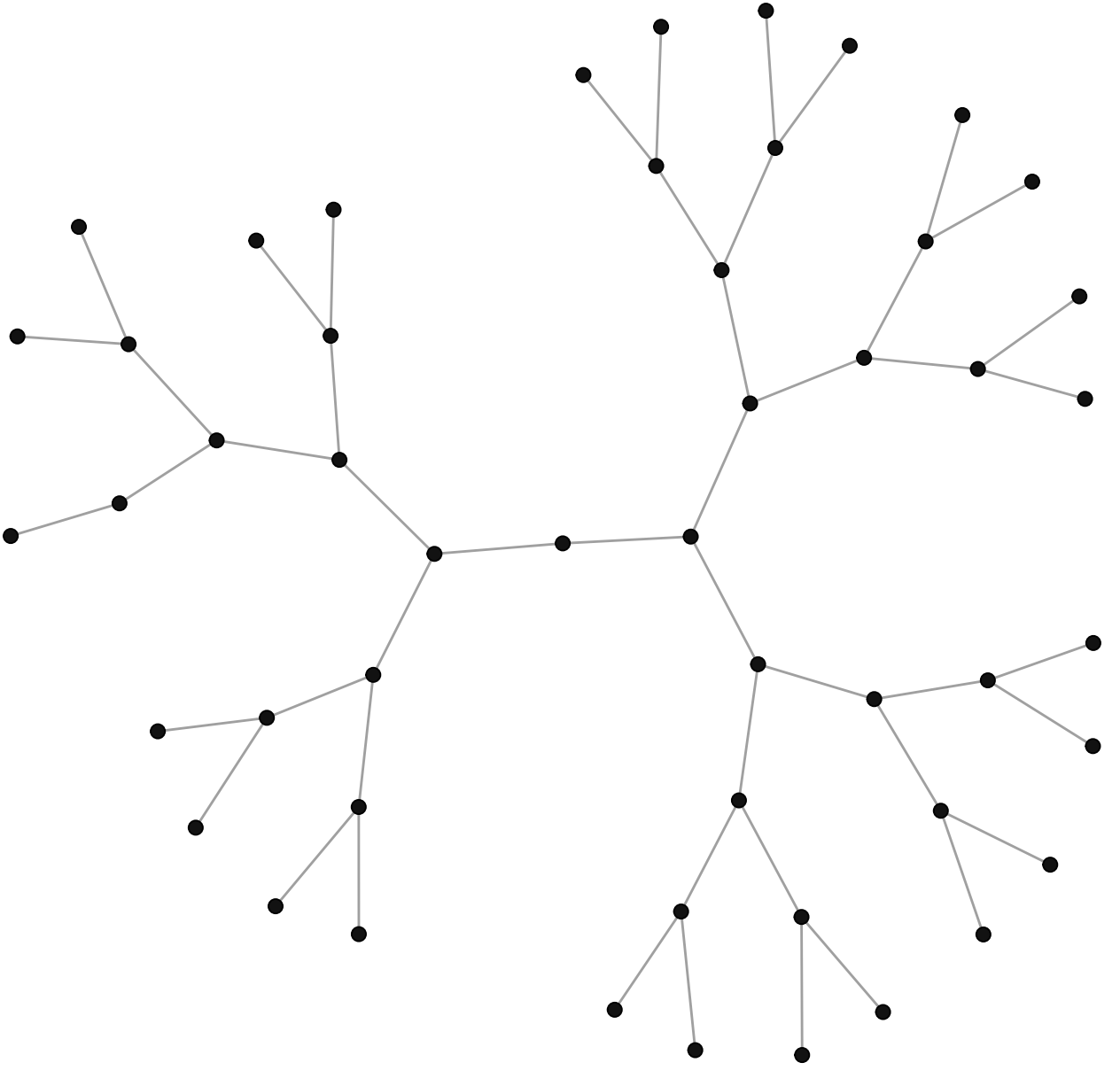
Star out



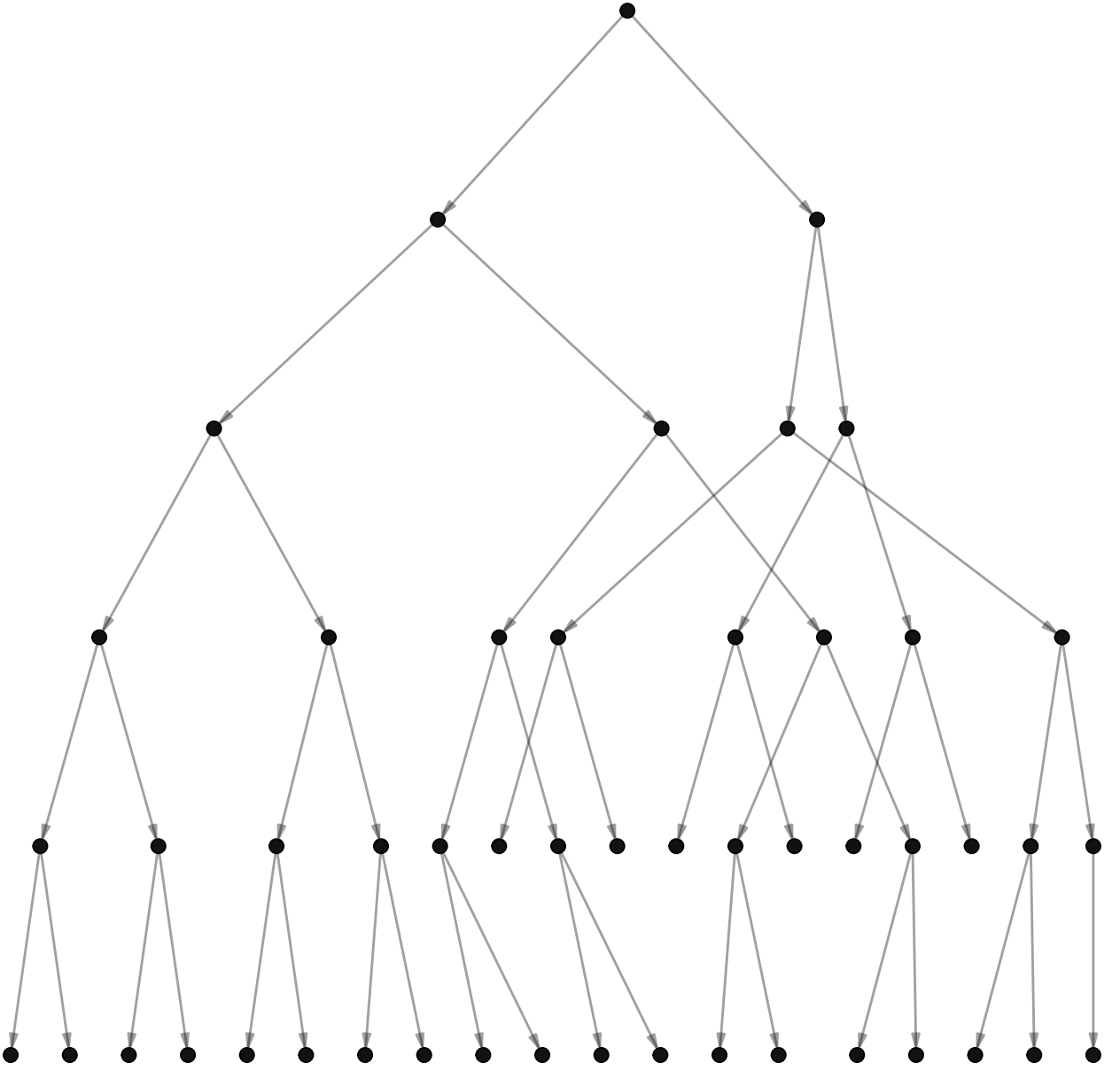
Star in



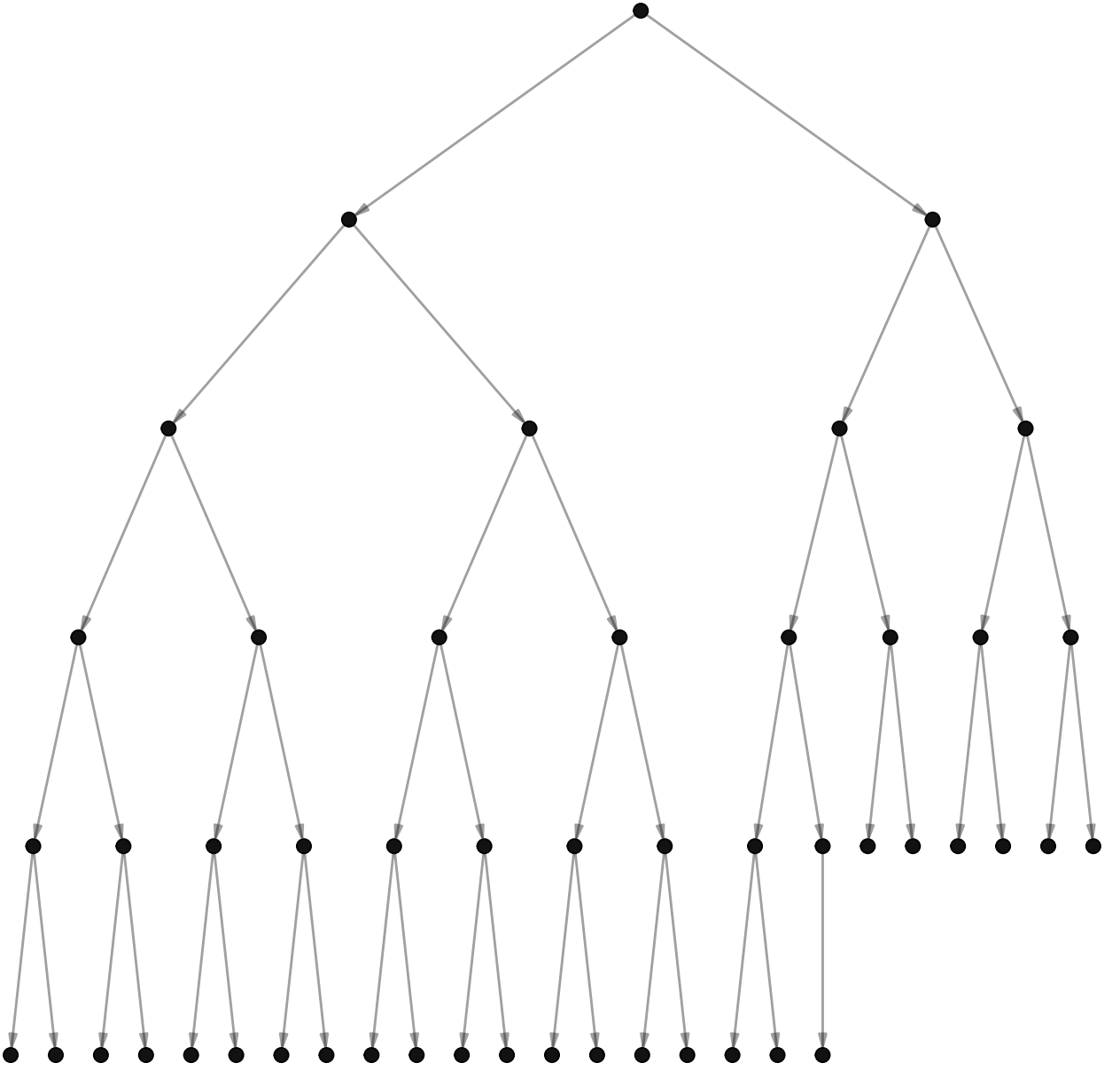
Tree graph



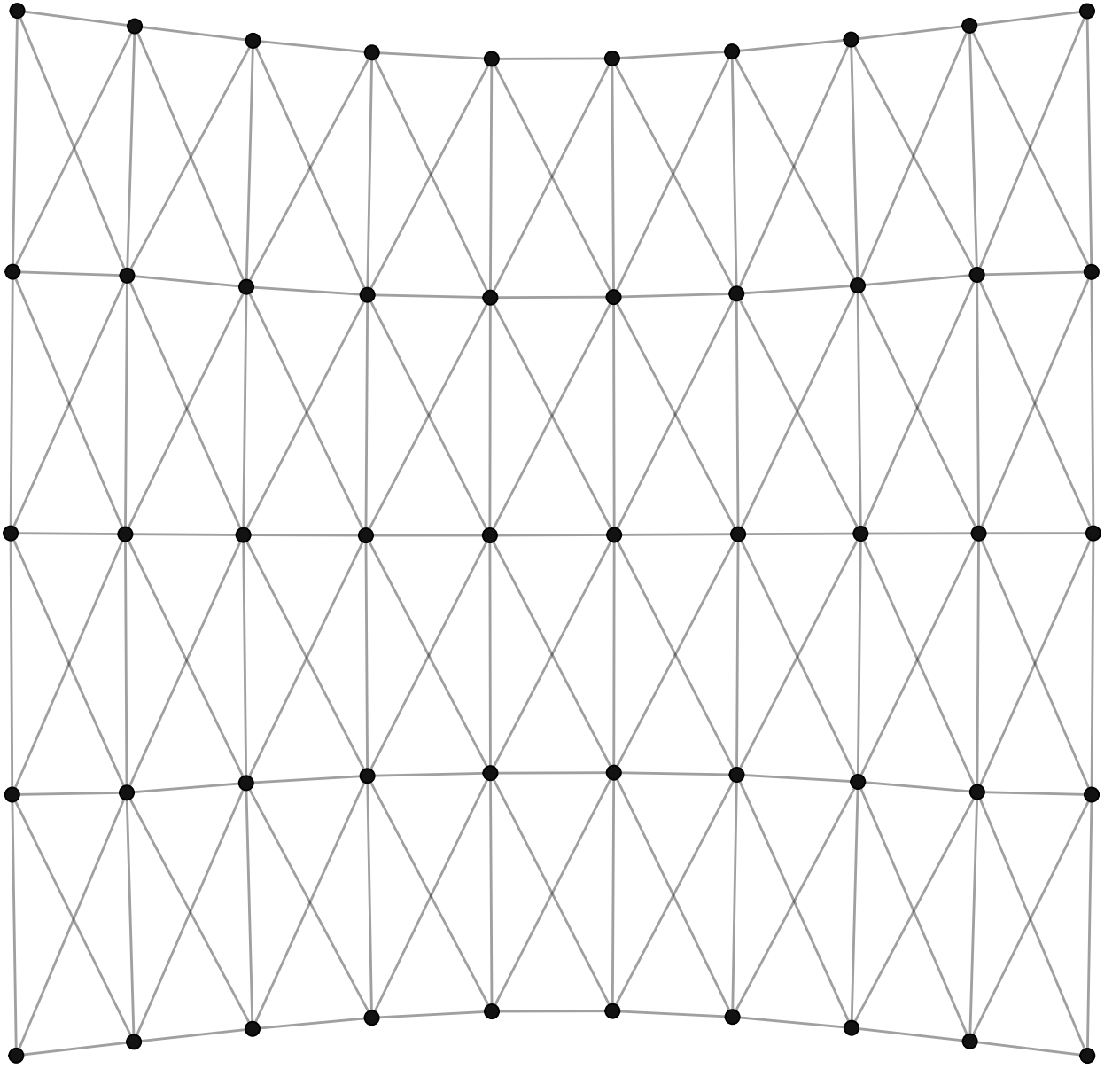
Tree out



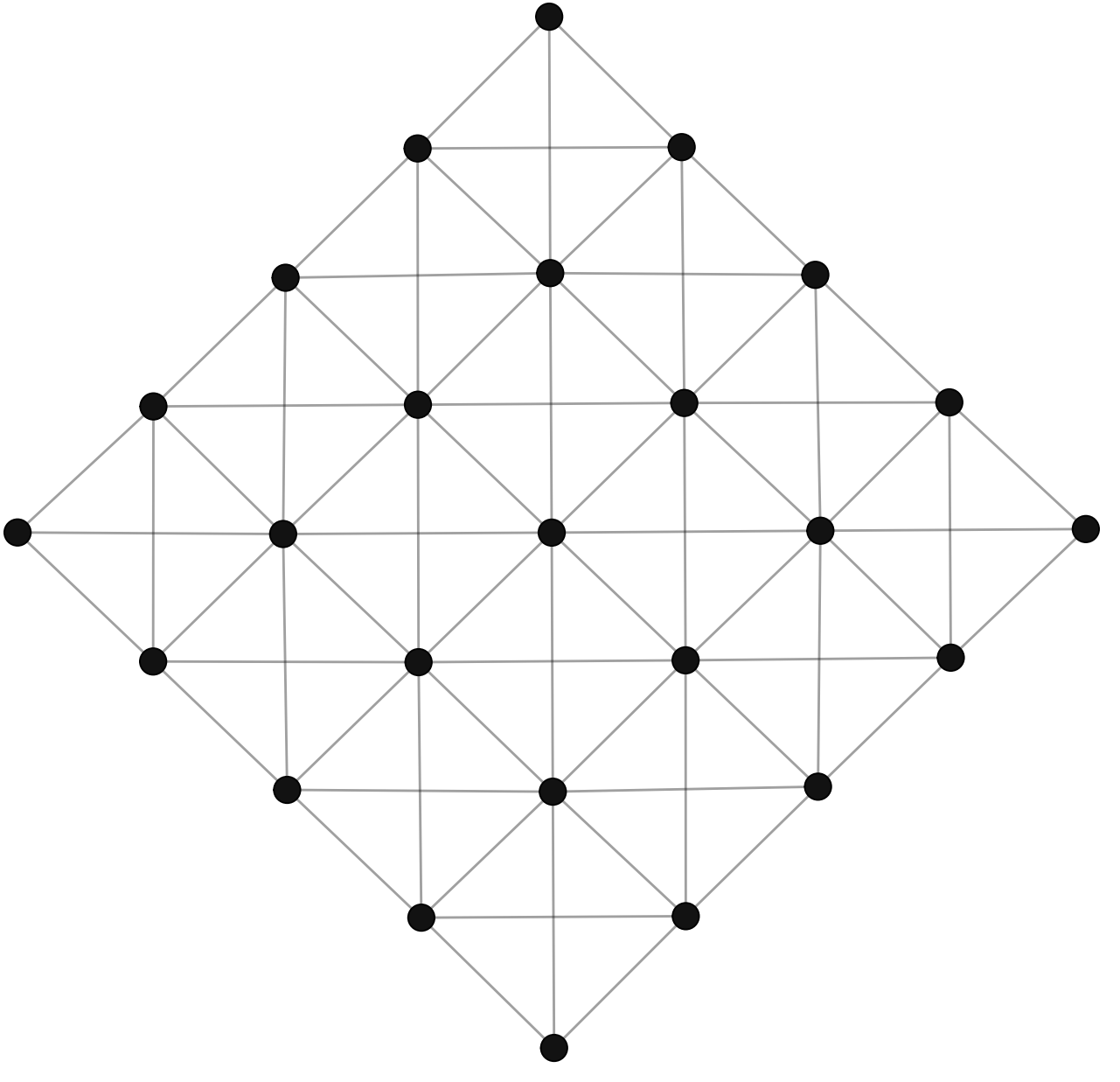
Tree layout



One−mode lattice graph

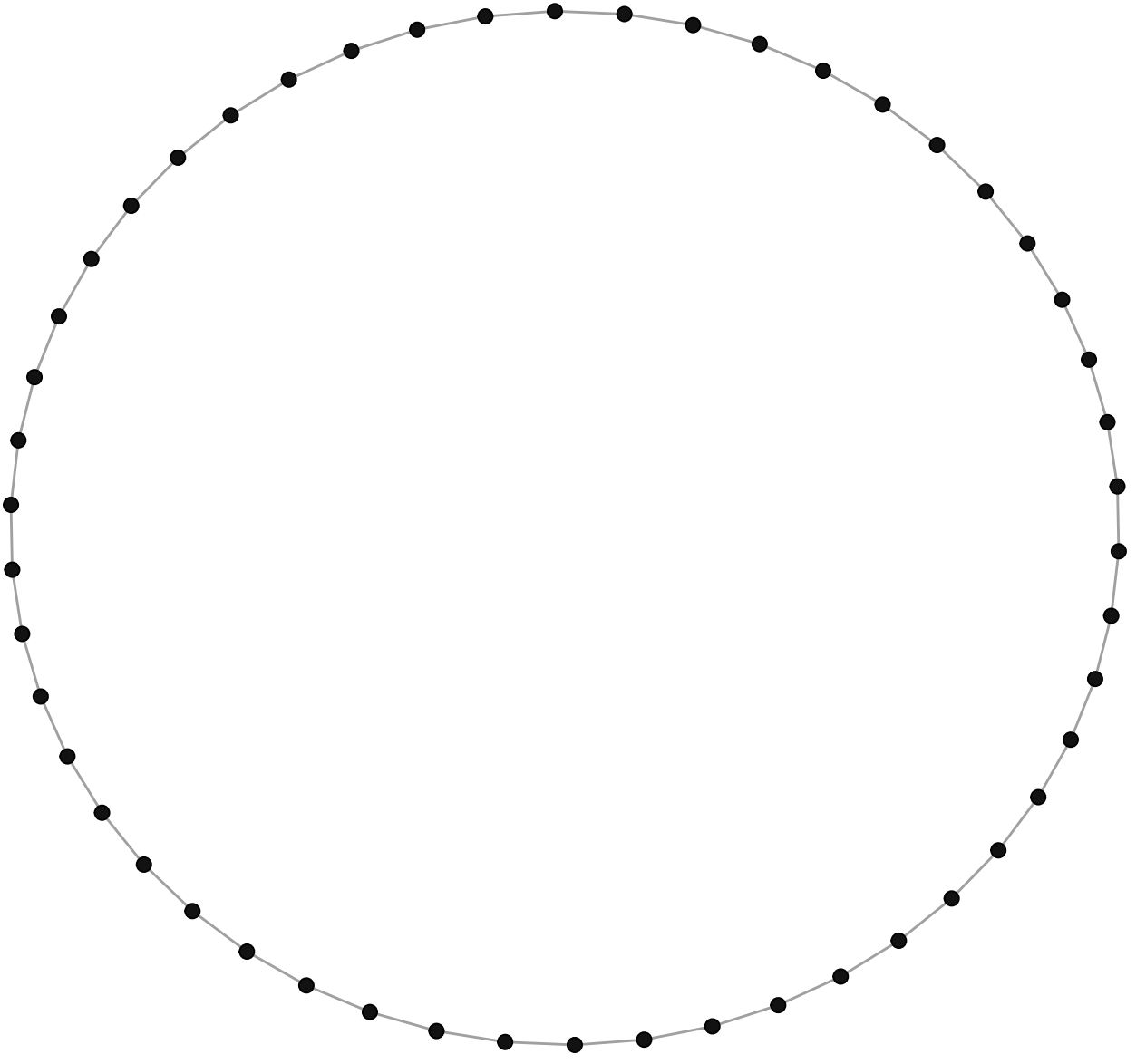


Smaller lattice graph



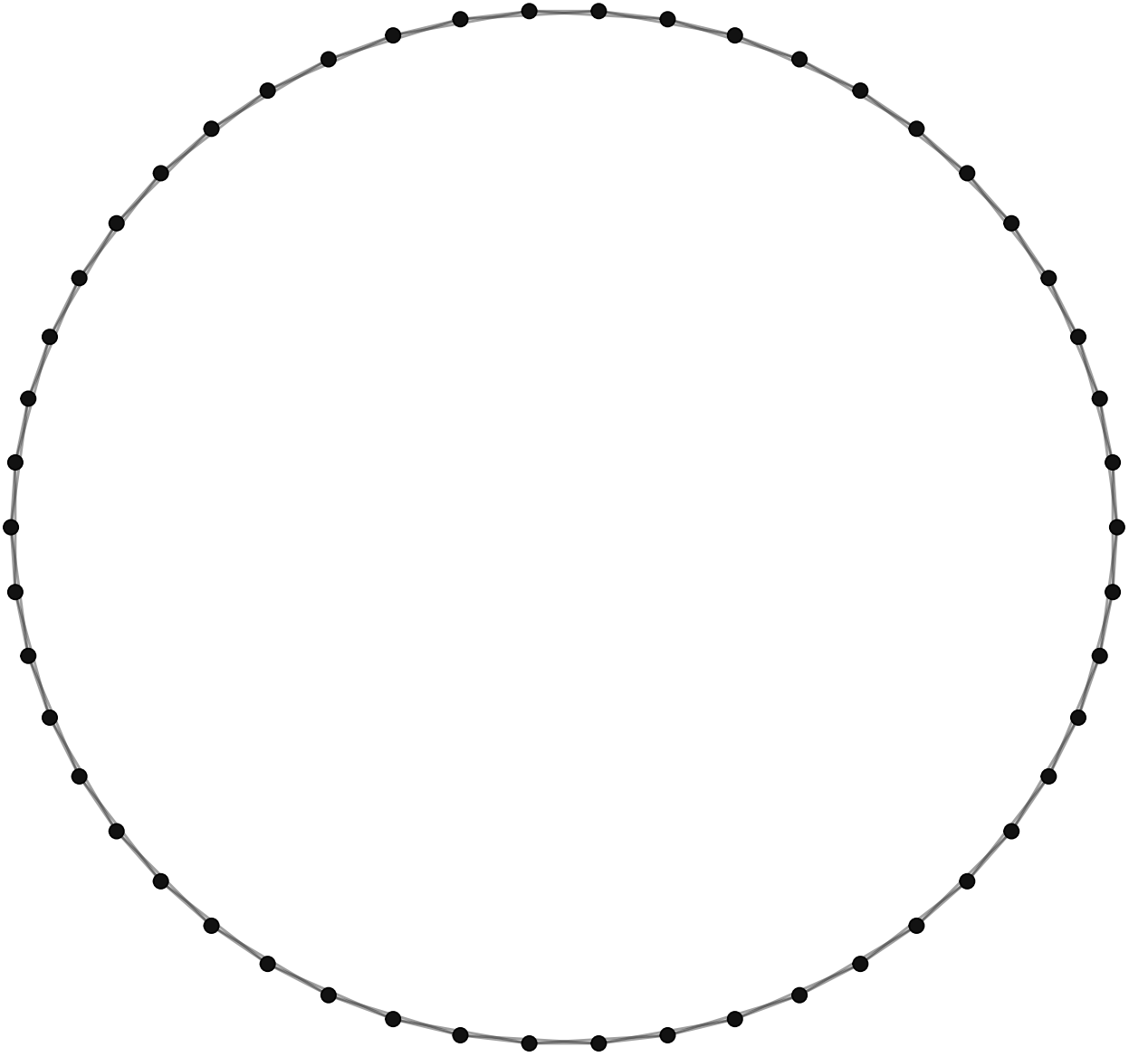
Ring graph

Starring Naomi Watts

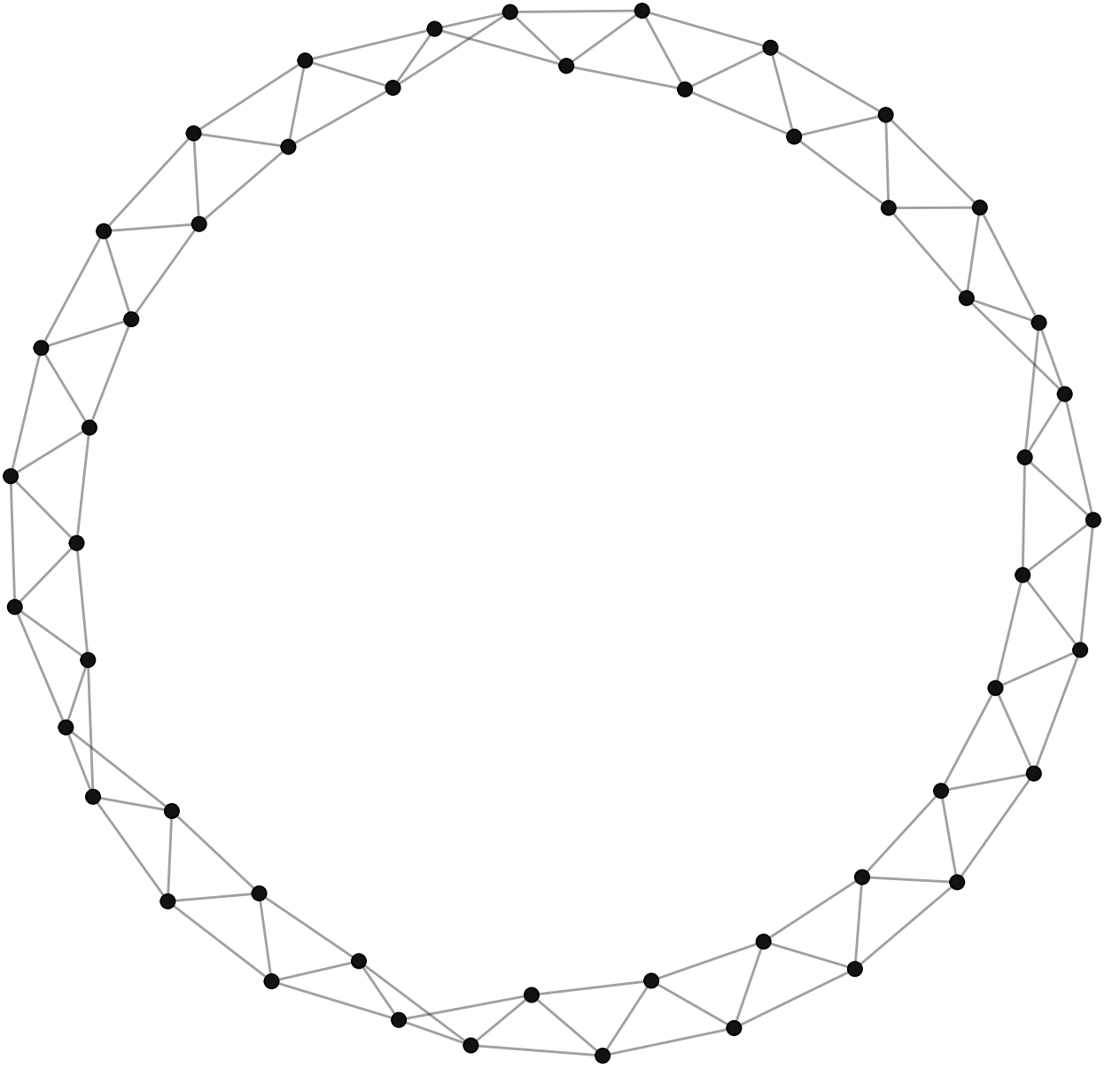


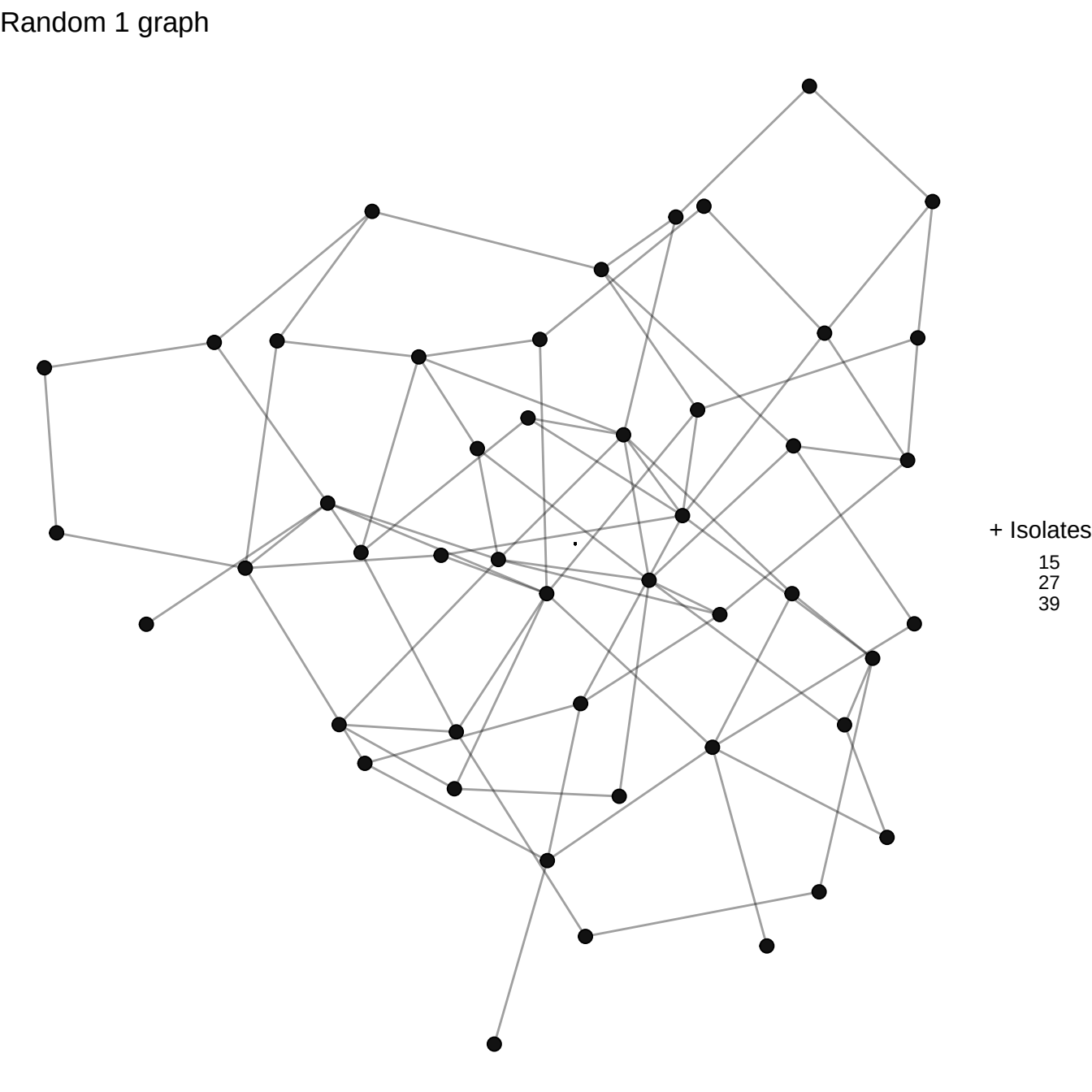
The Ring Two

No different?

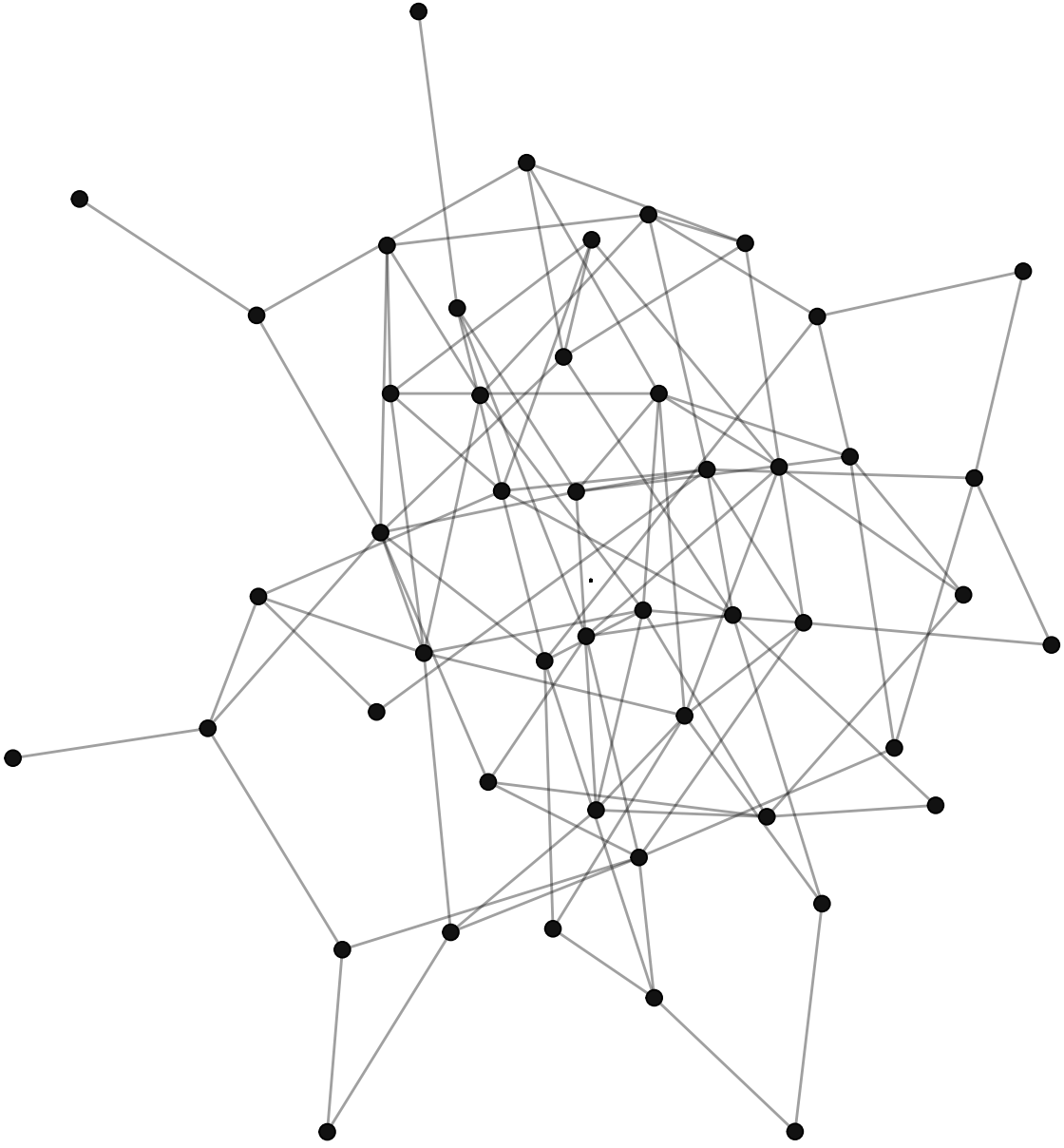


The Ring Two v2.0




Random 1 graph
+ Isolates
15
27
39

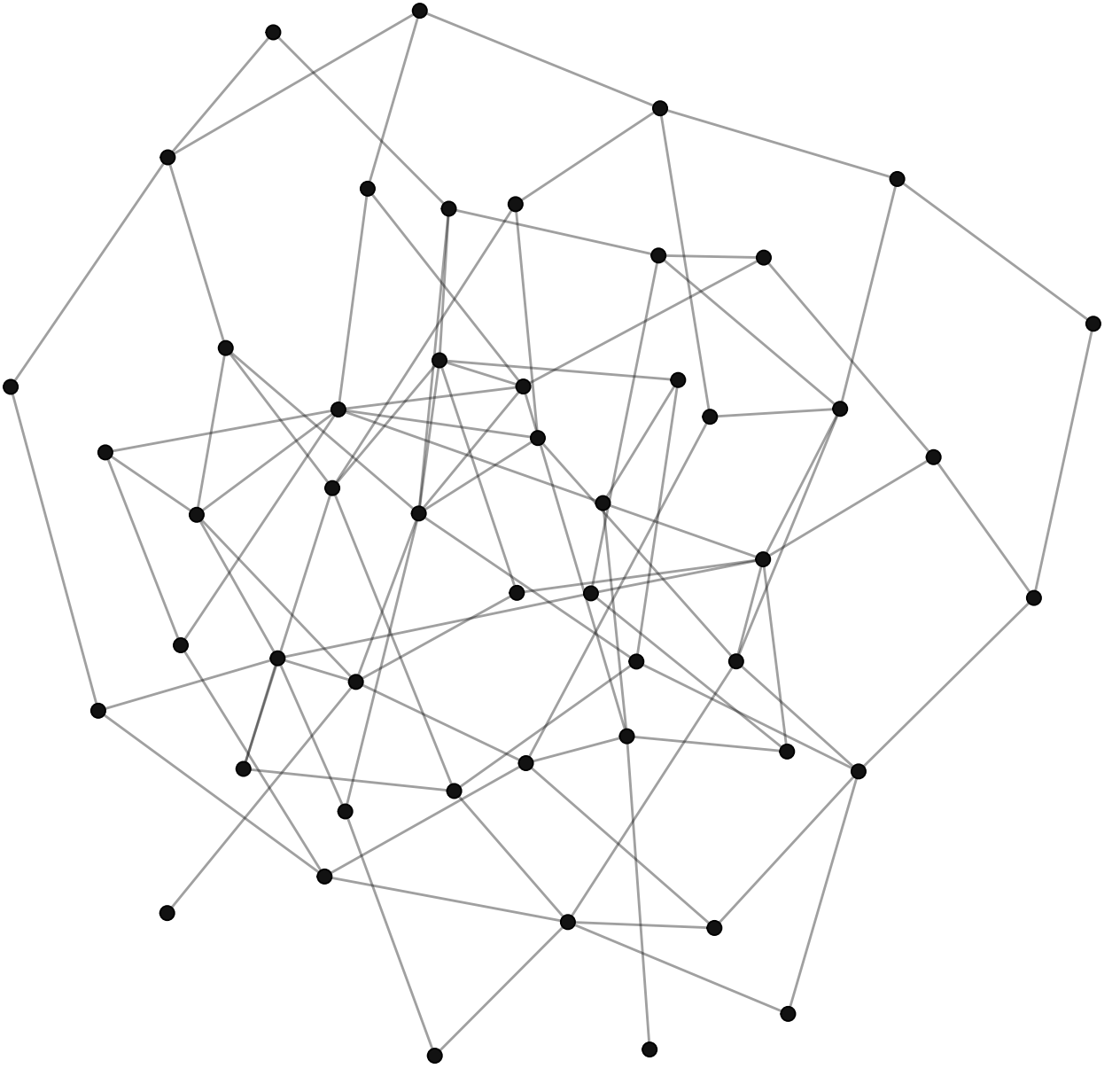
Random 2 graph



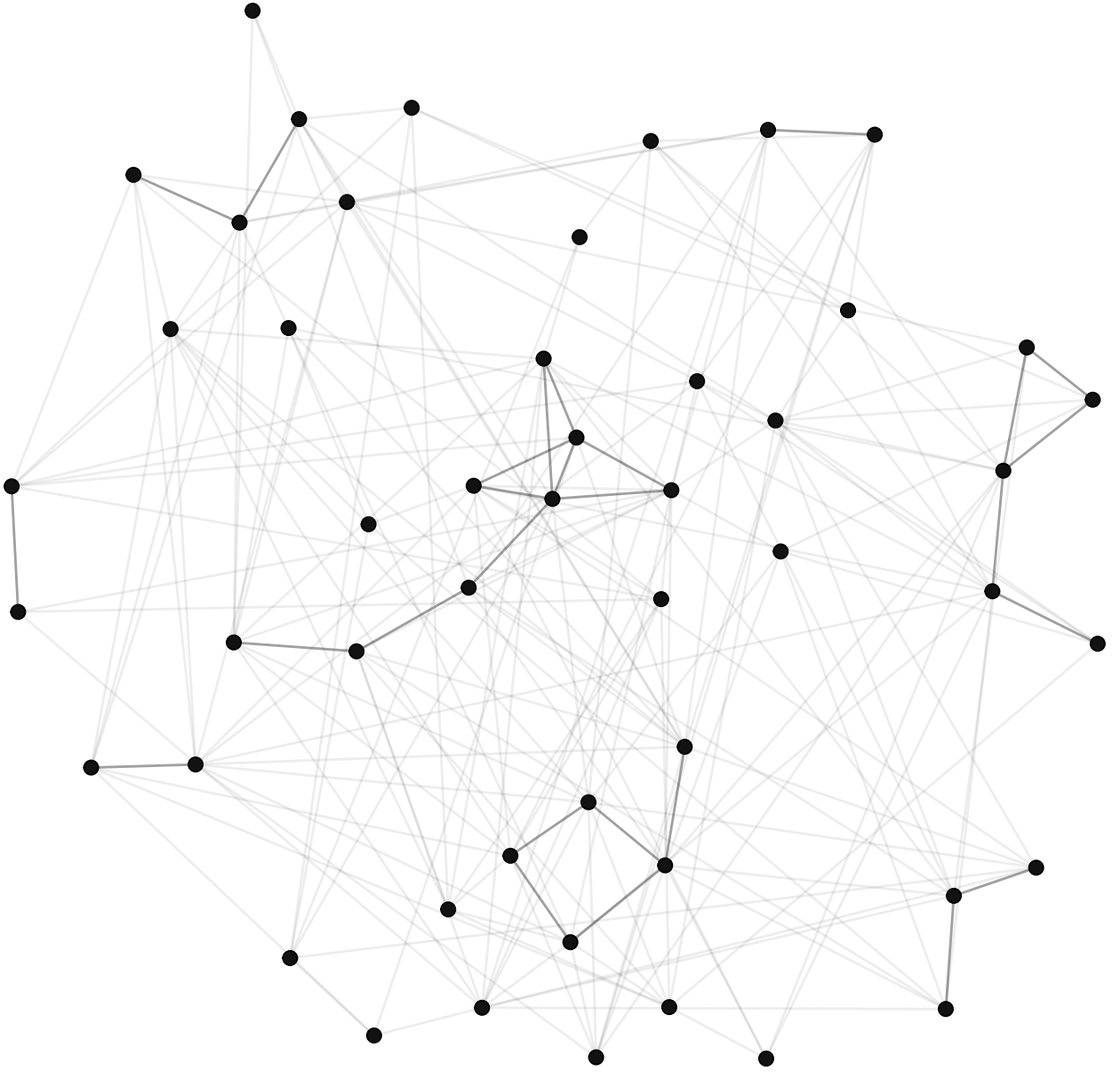
+ Isolates

36
41

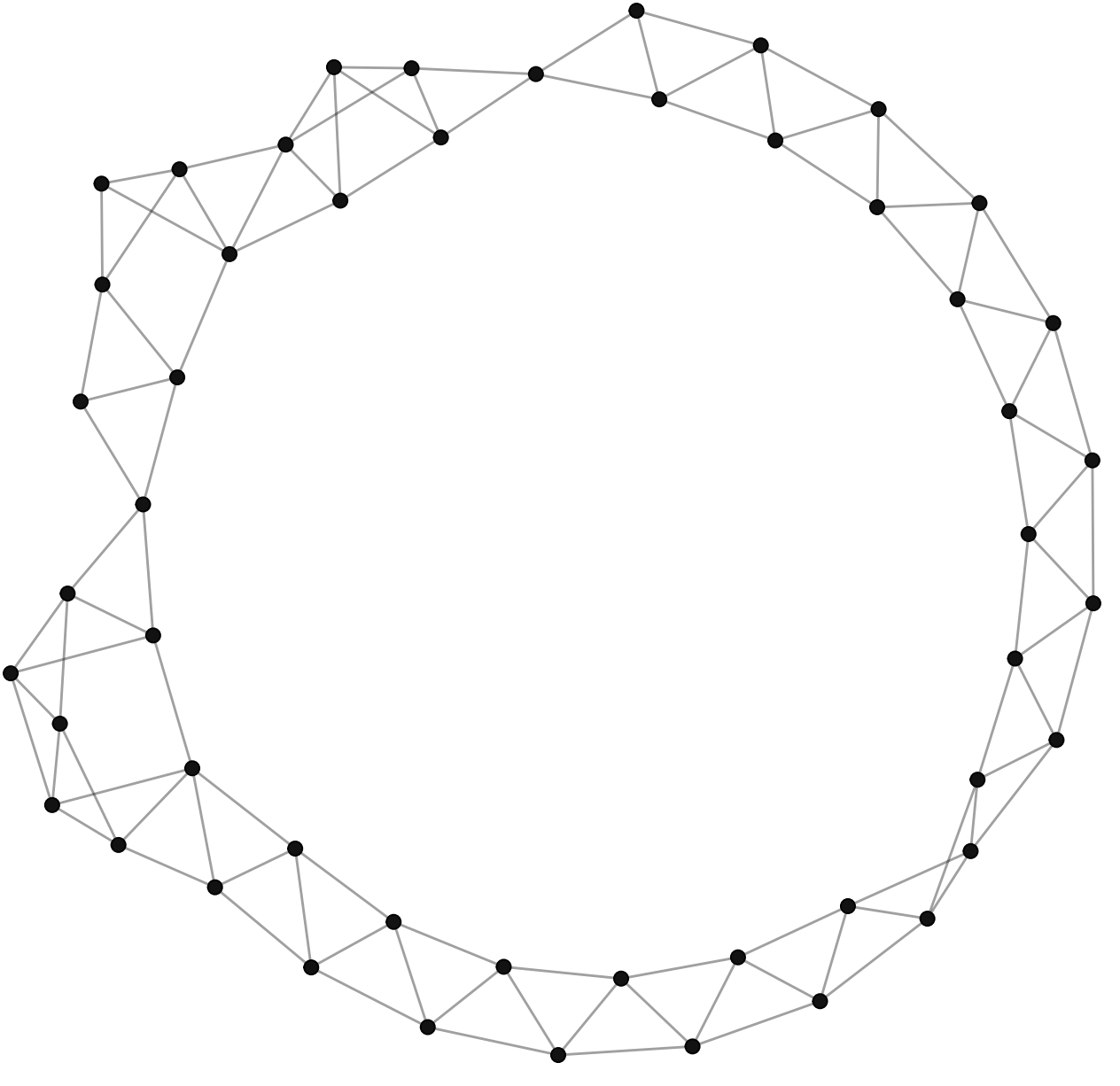
Random 3 graph



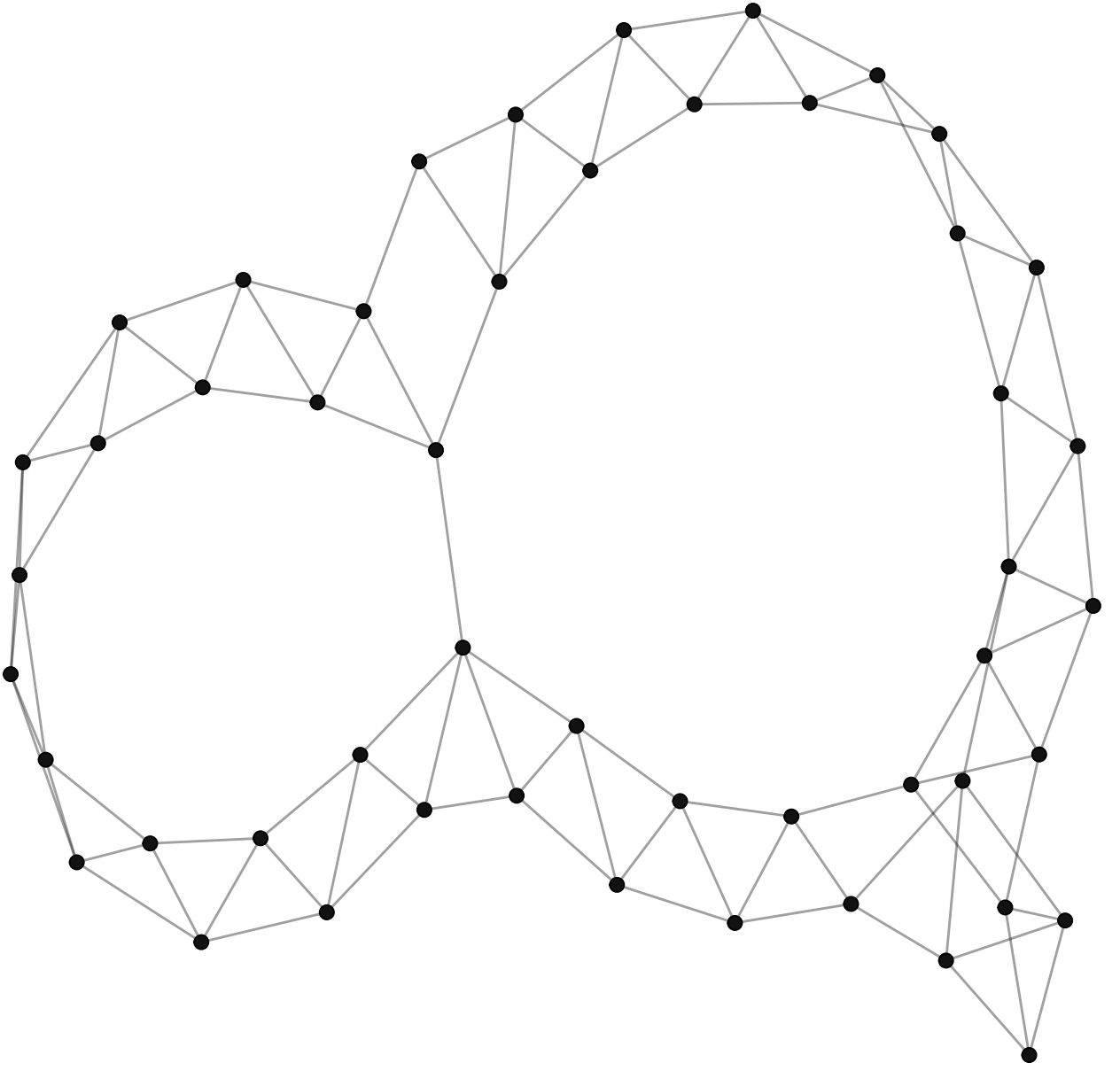
Random 1 graph



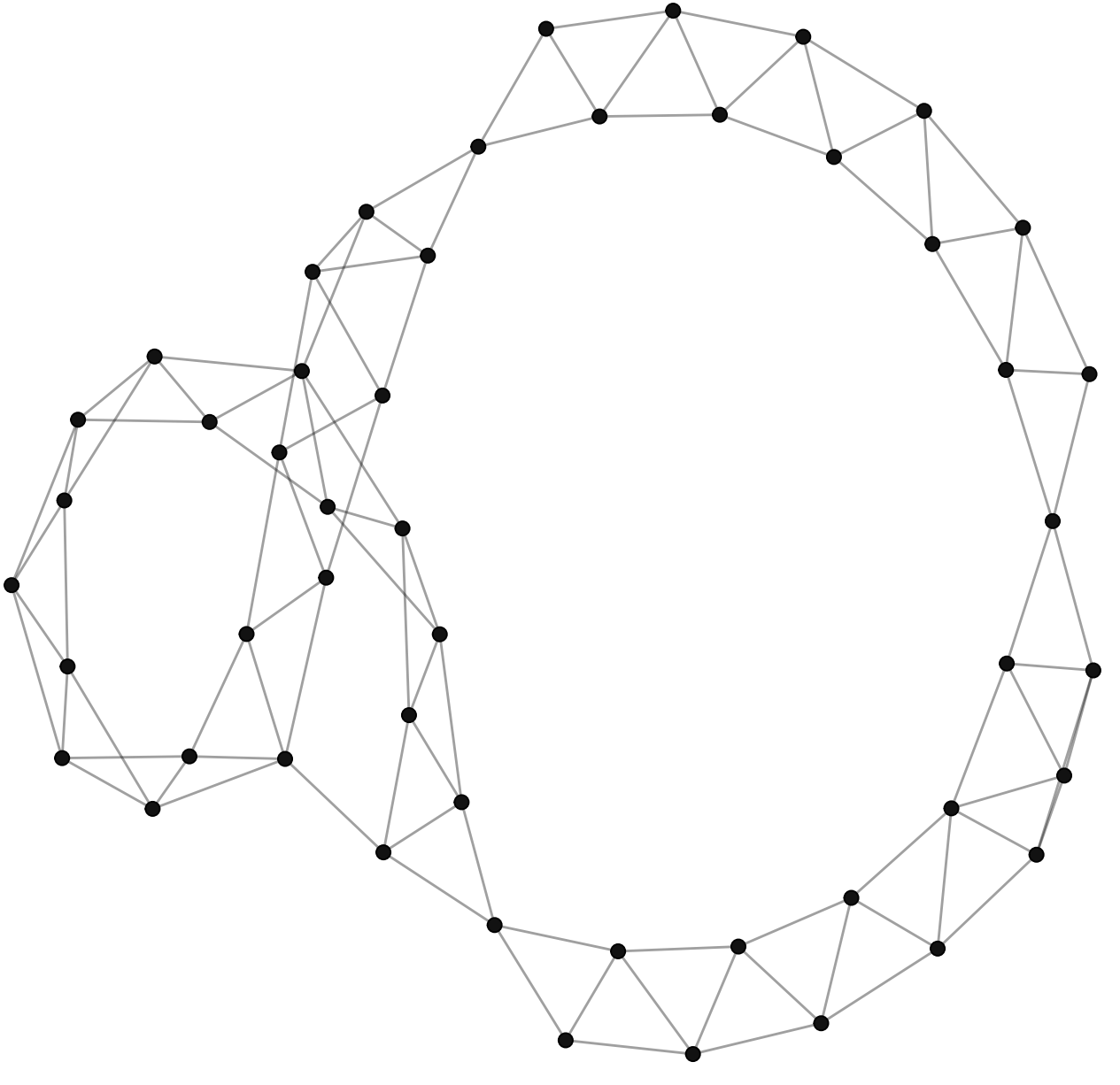
Smallworld 1 graph



Smallworld 2 graph

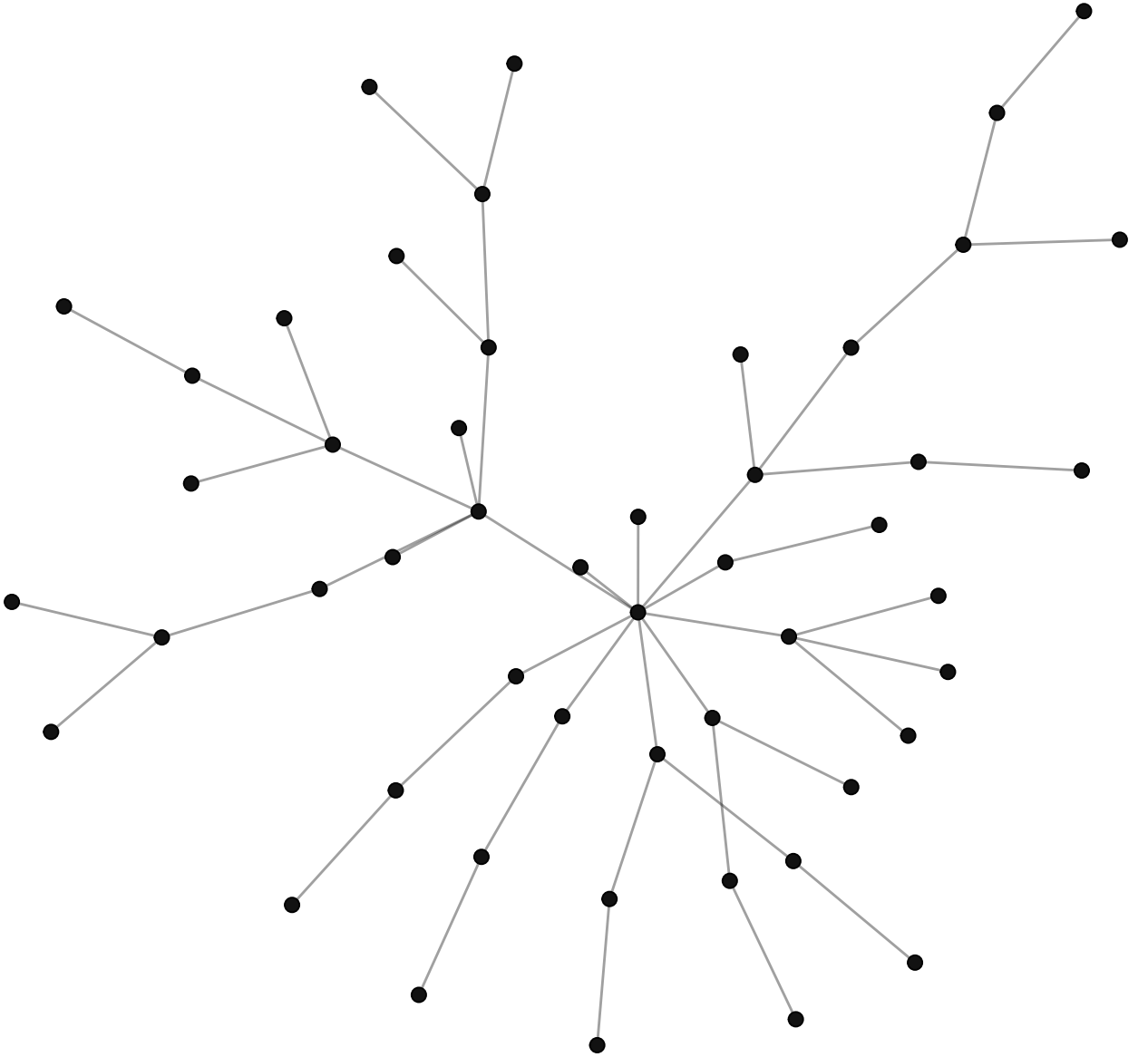


Smallworld 3 graph



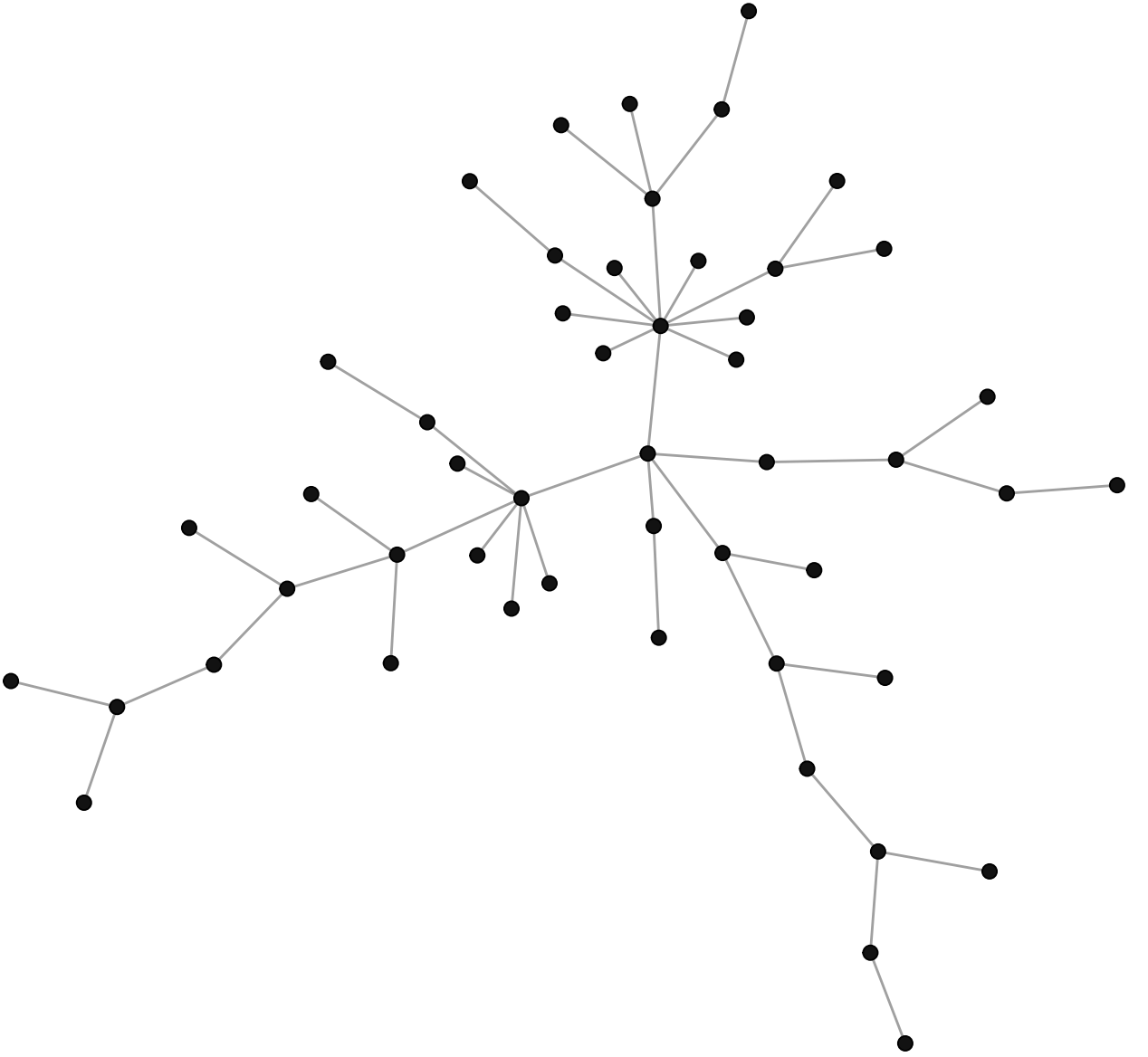
Scalefree 1 graph

Power = .5



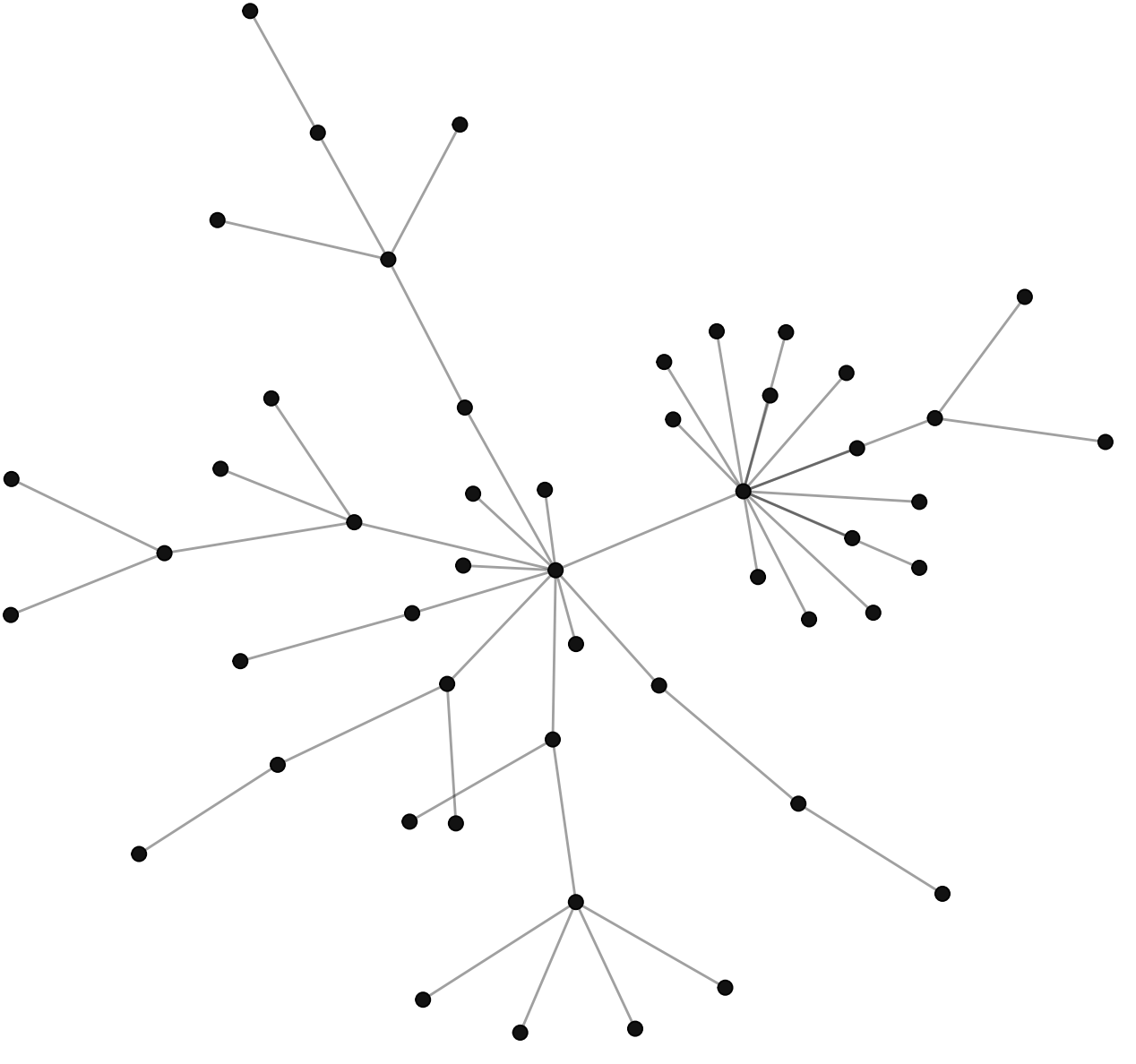
Scalefree 2 graph

Power = 1

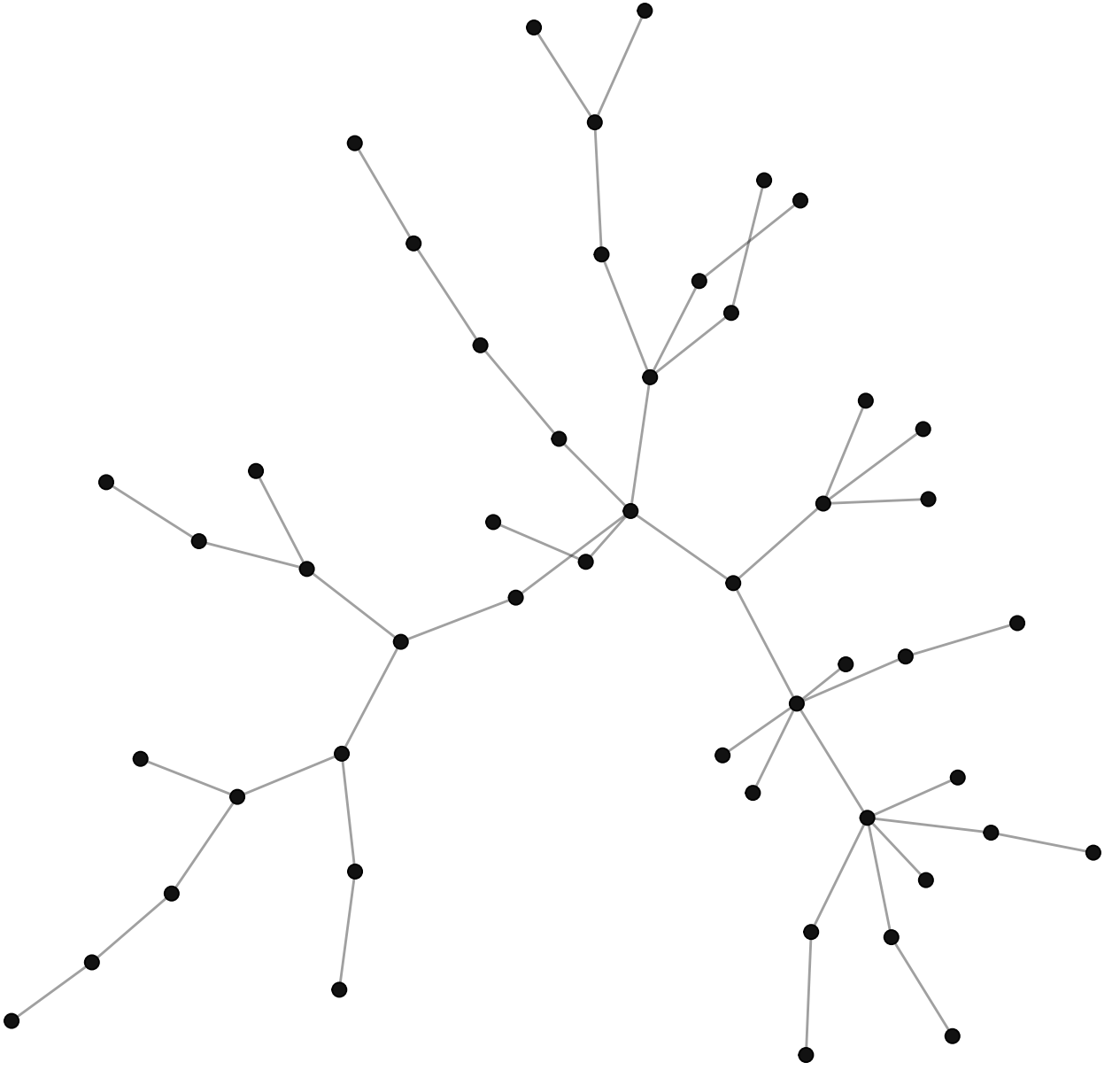


Scalefree 3 graph

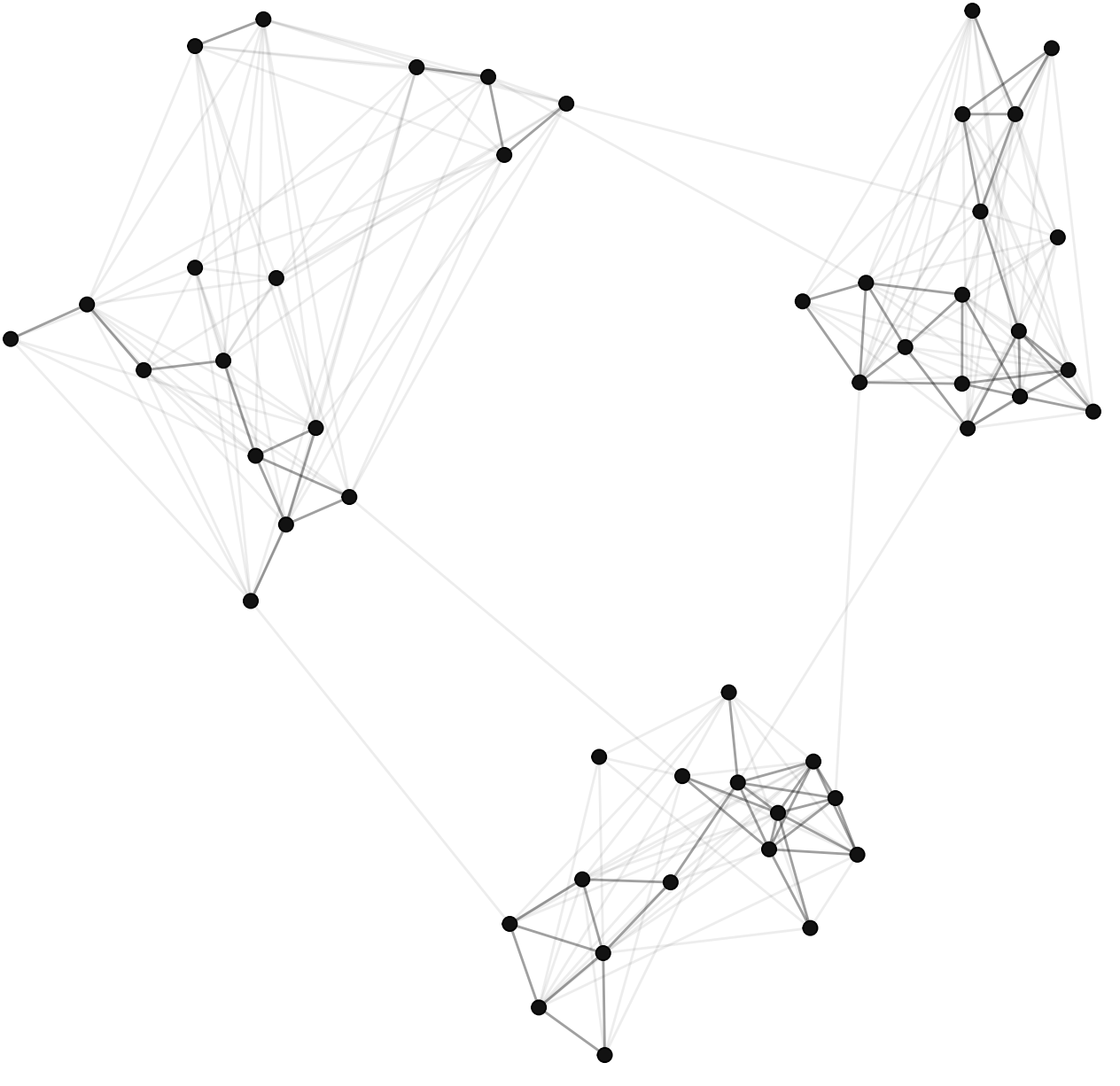
Power = 1.5



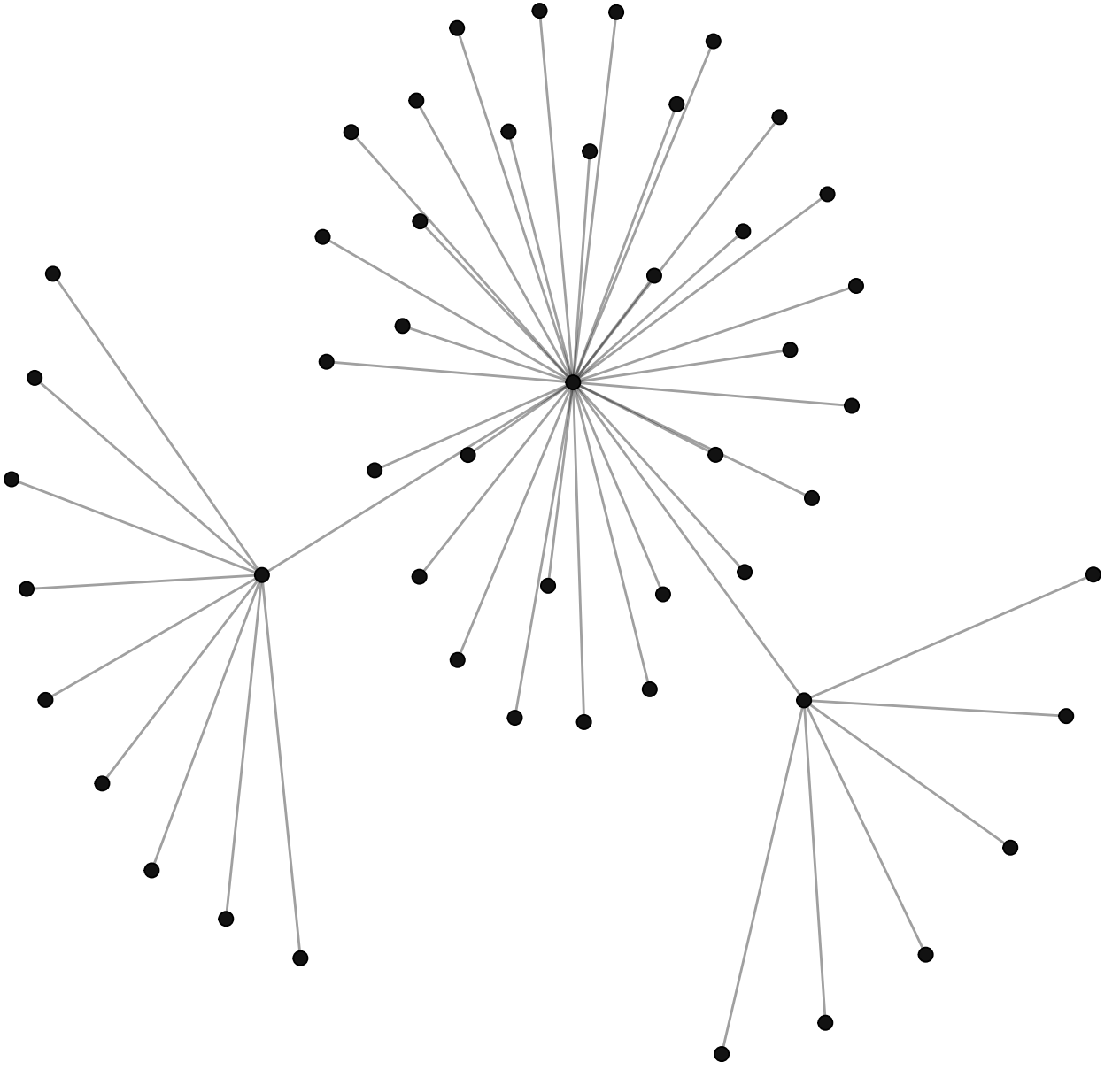
Forest fire



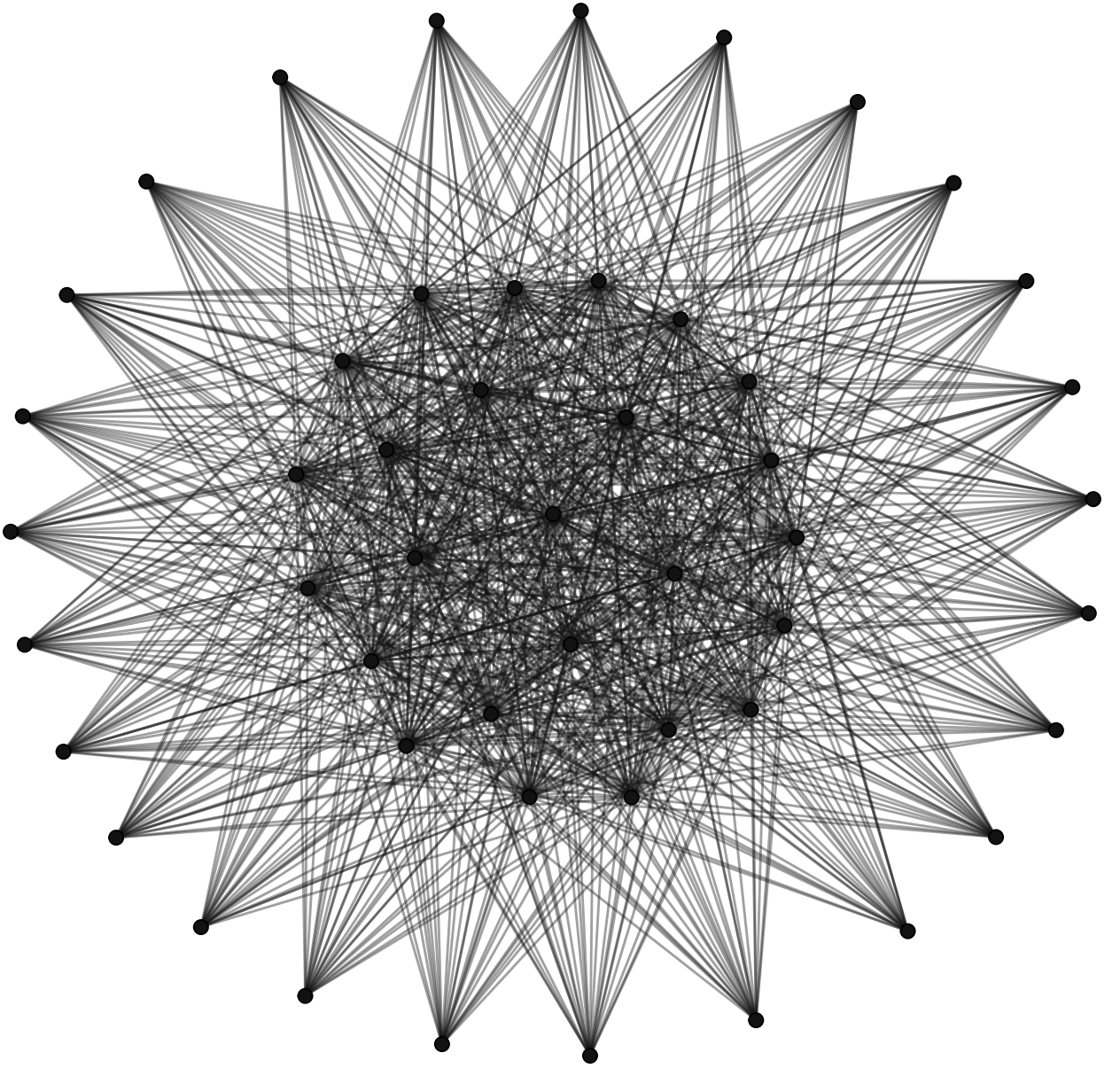
Islands

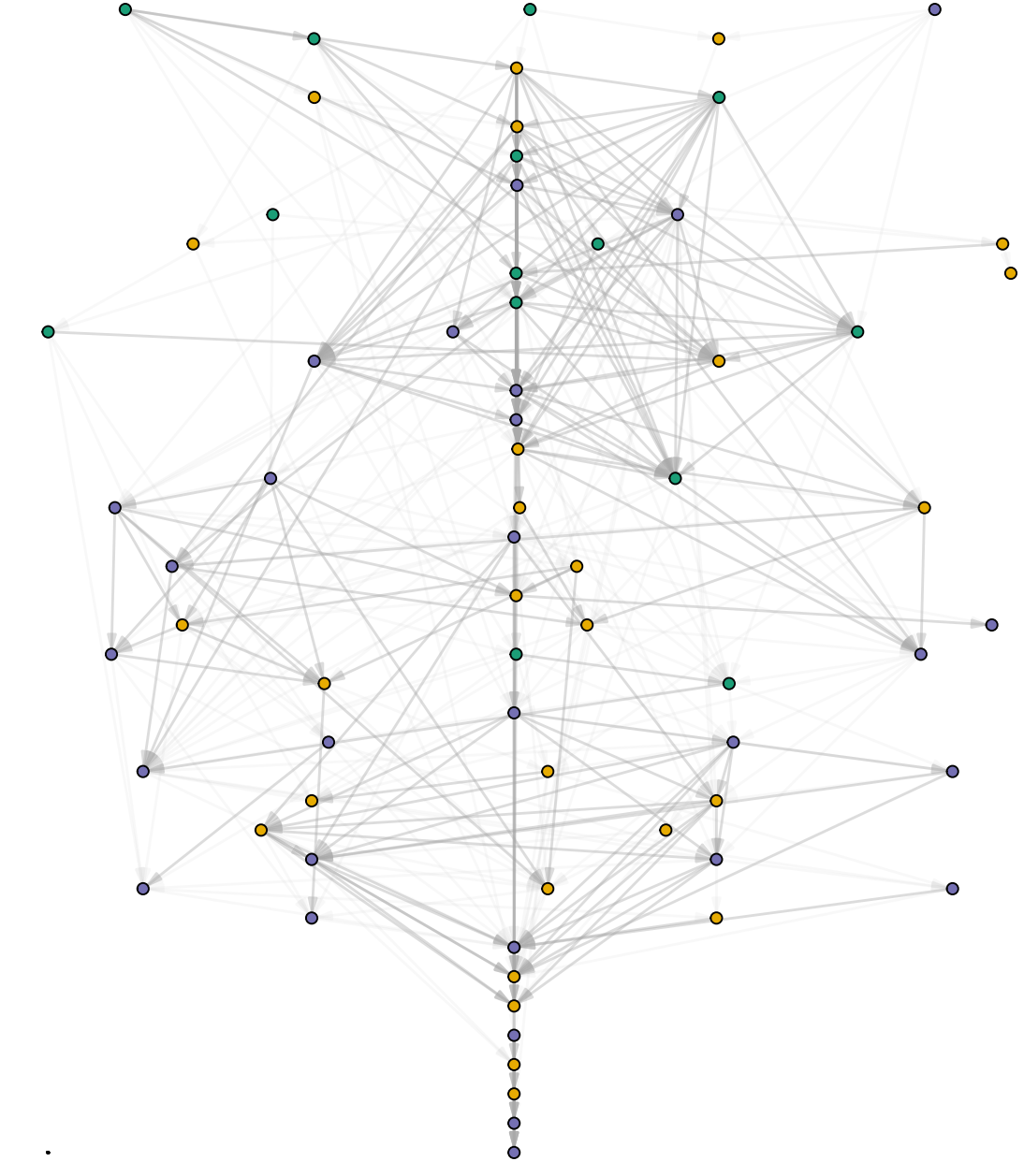


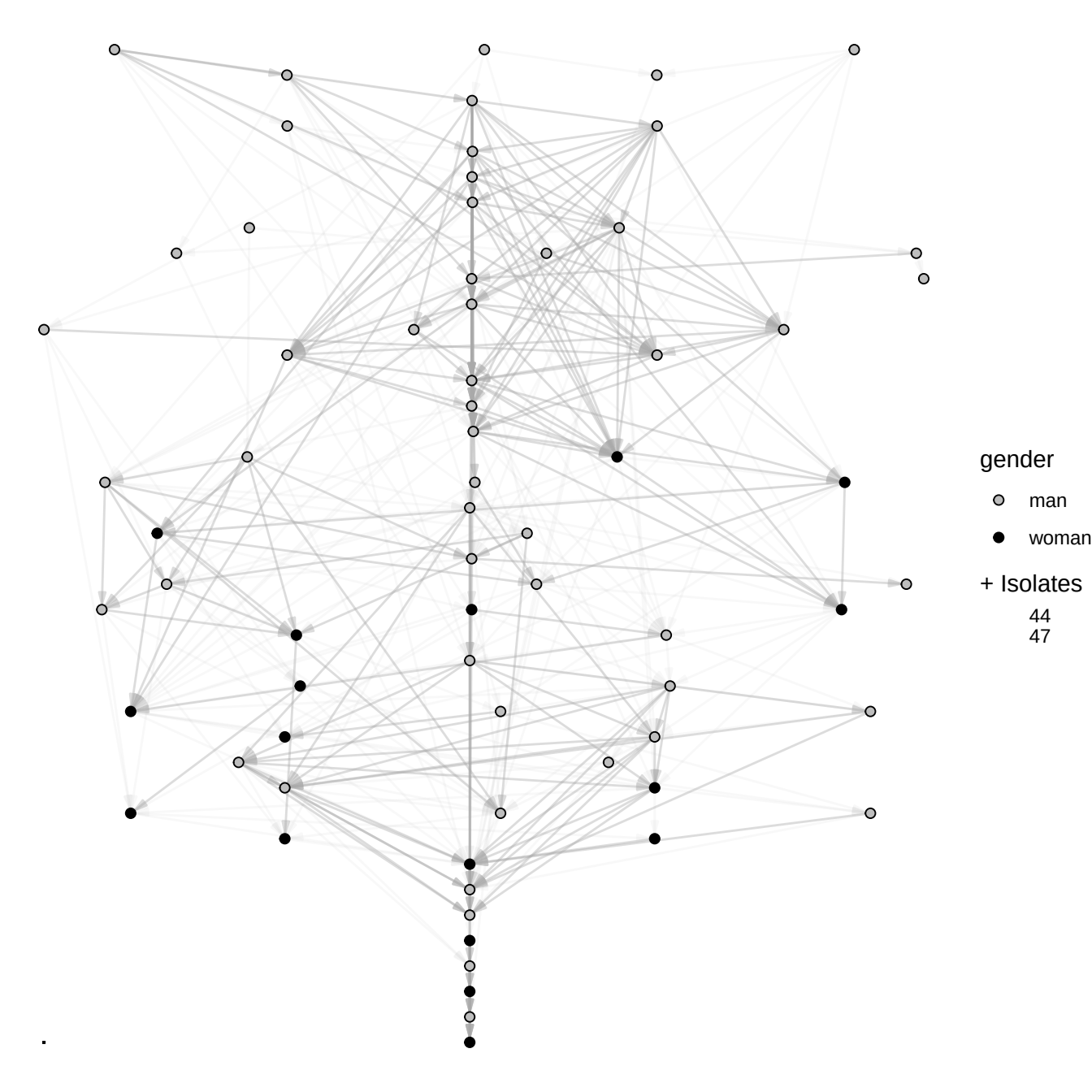
Citations

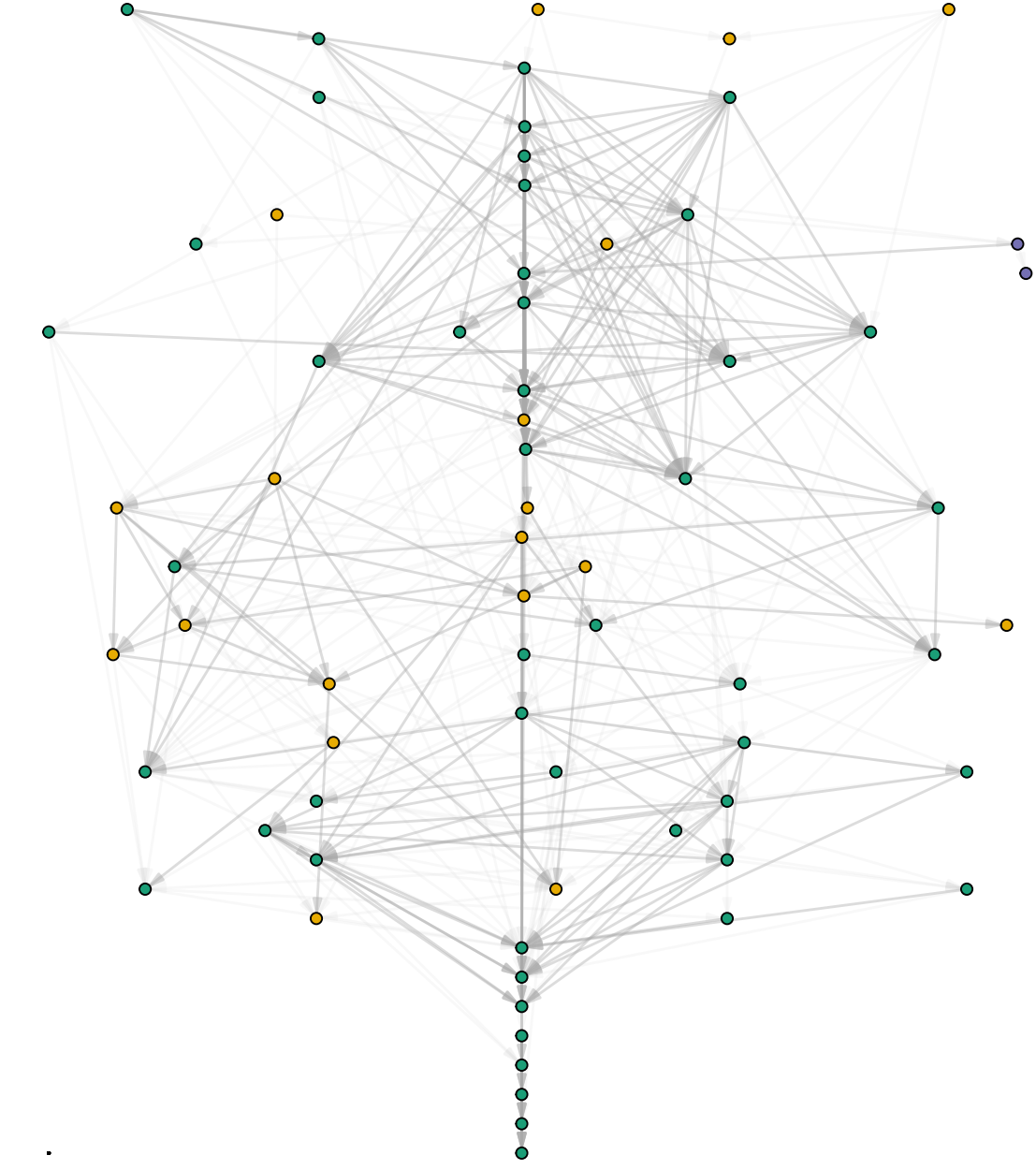


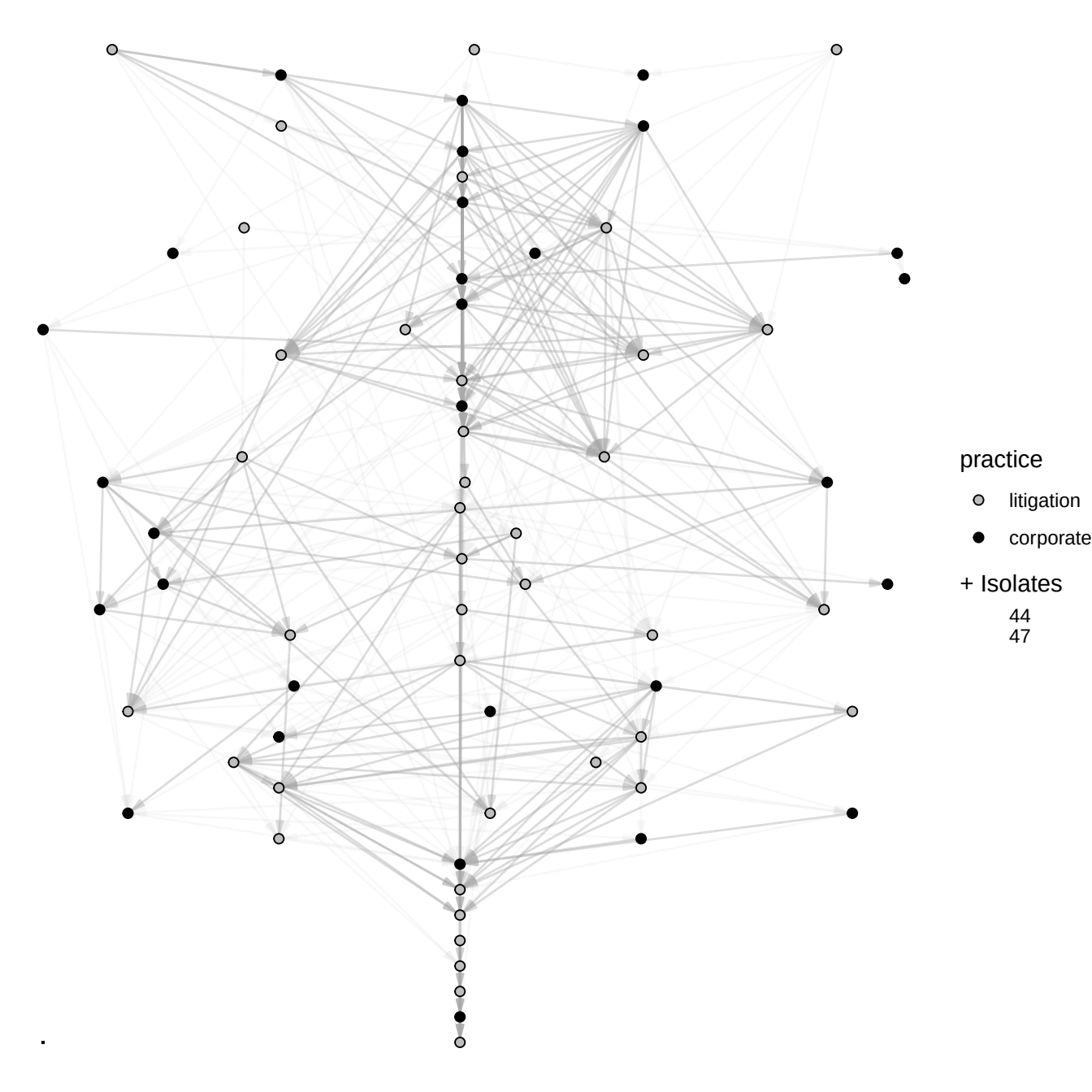
Core

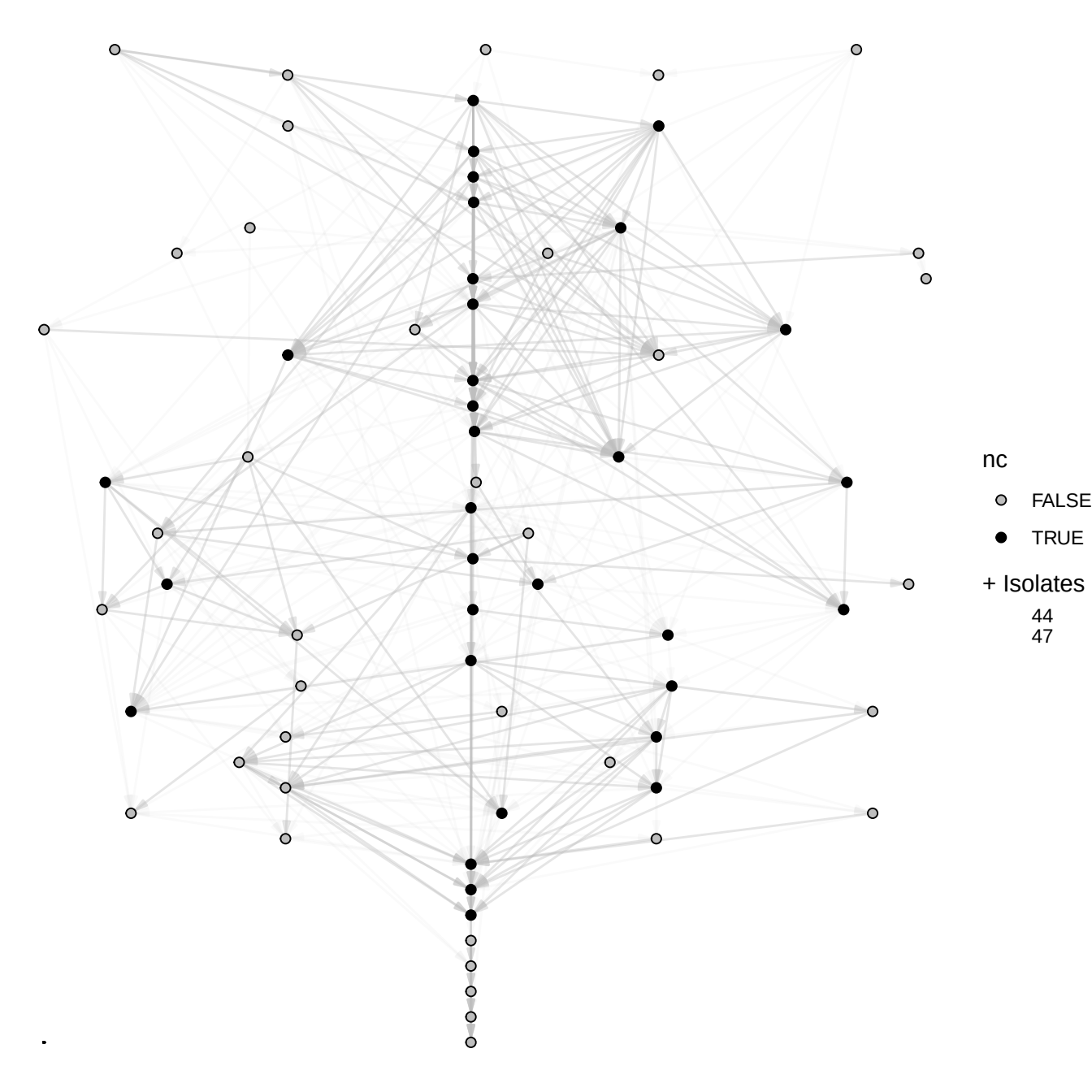


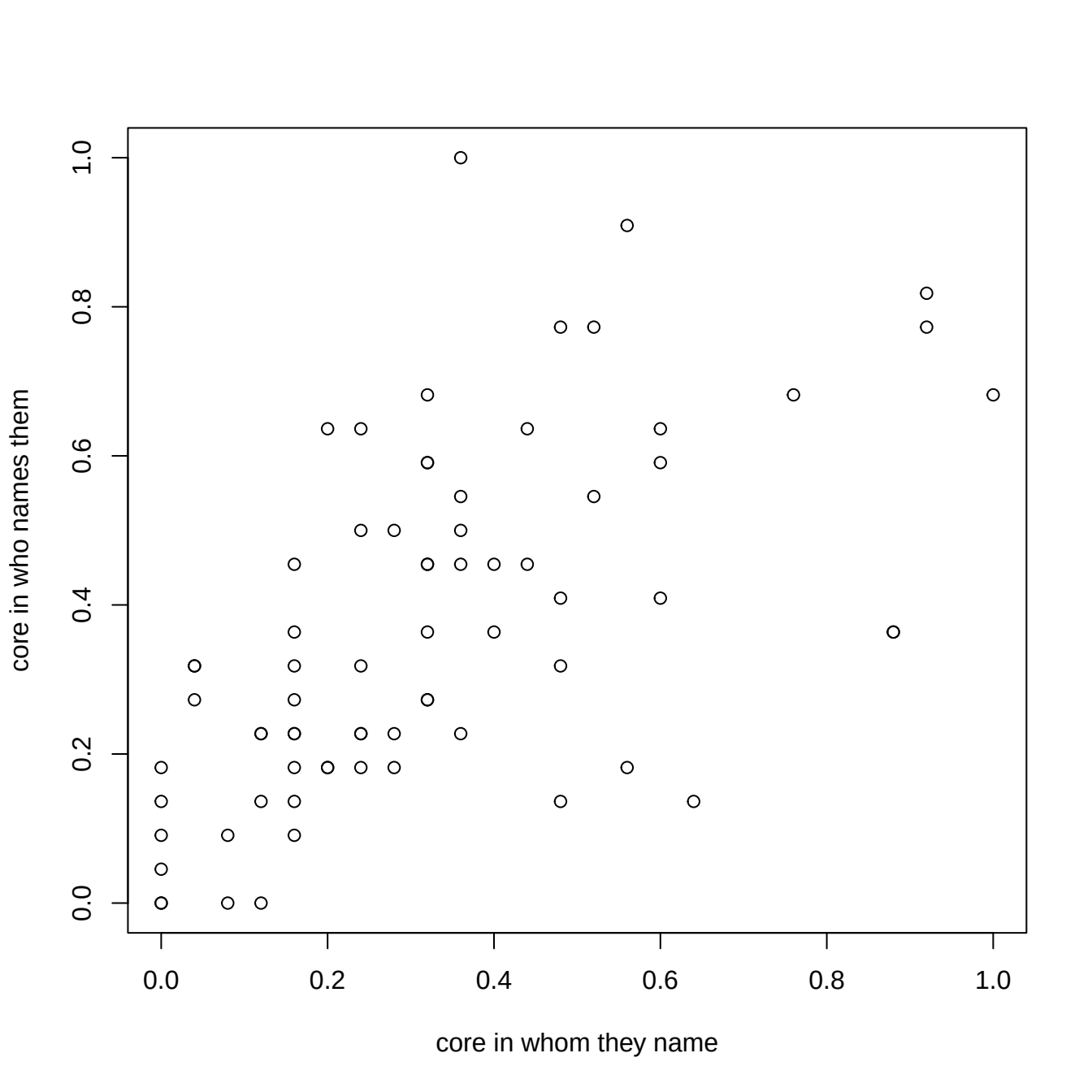

school
Harvard/Yale
Other
UConn
+ Isolates
44
47

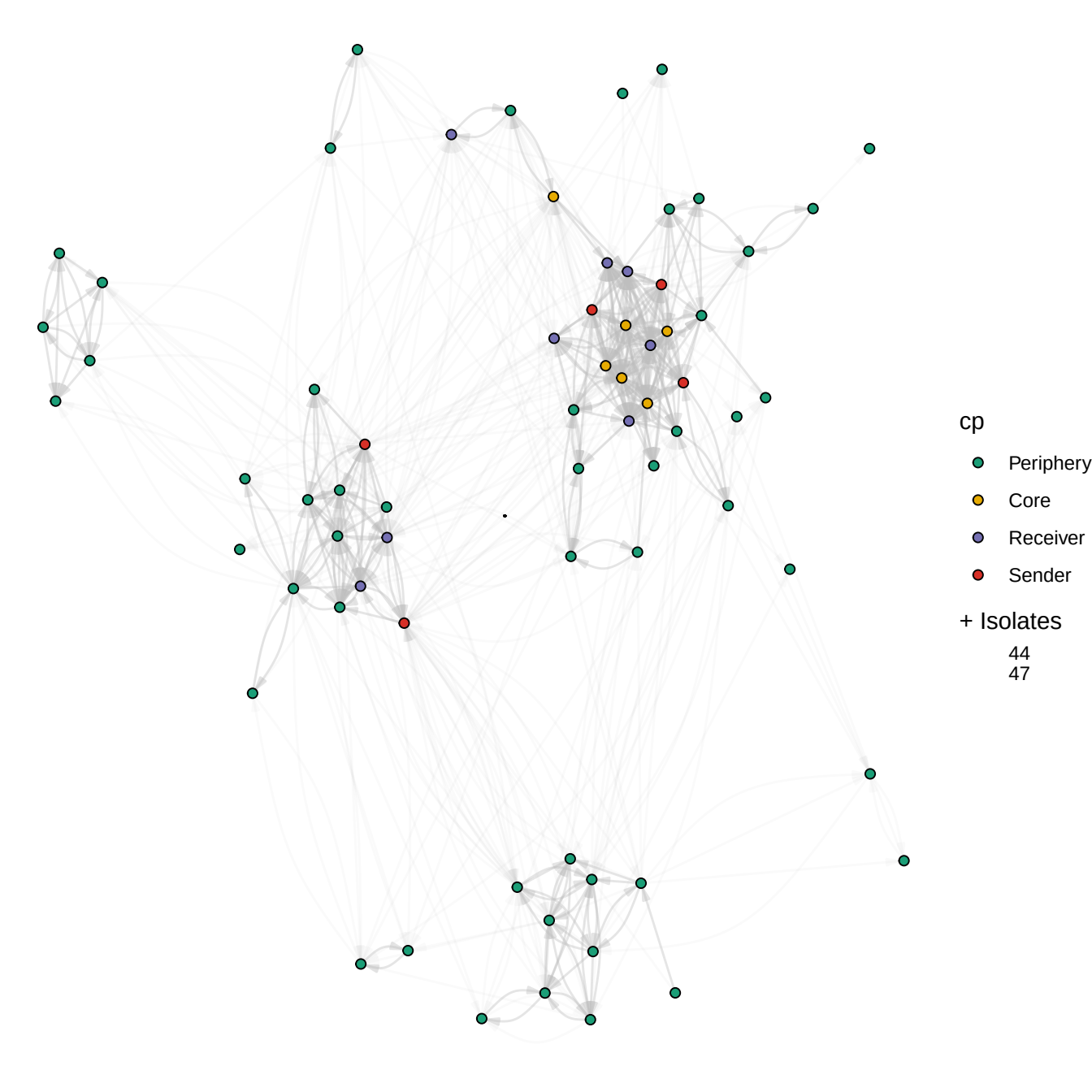

gender
man
woman
+ Isolates
44
47

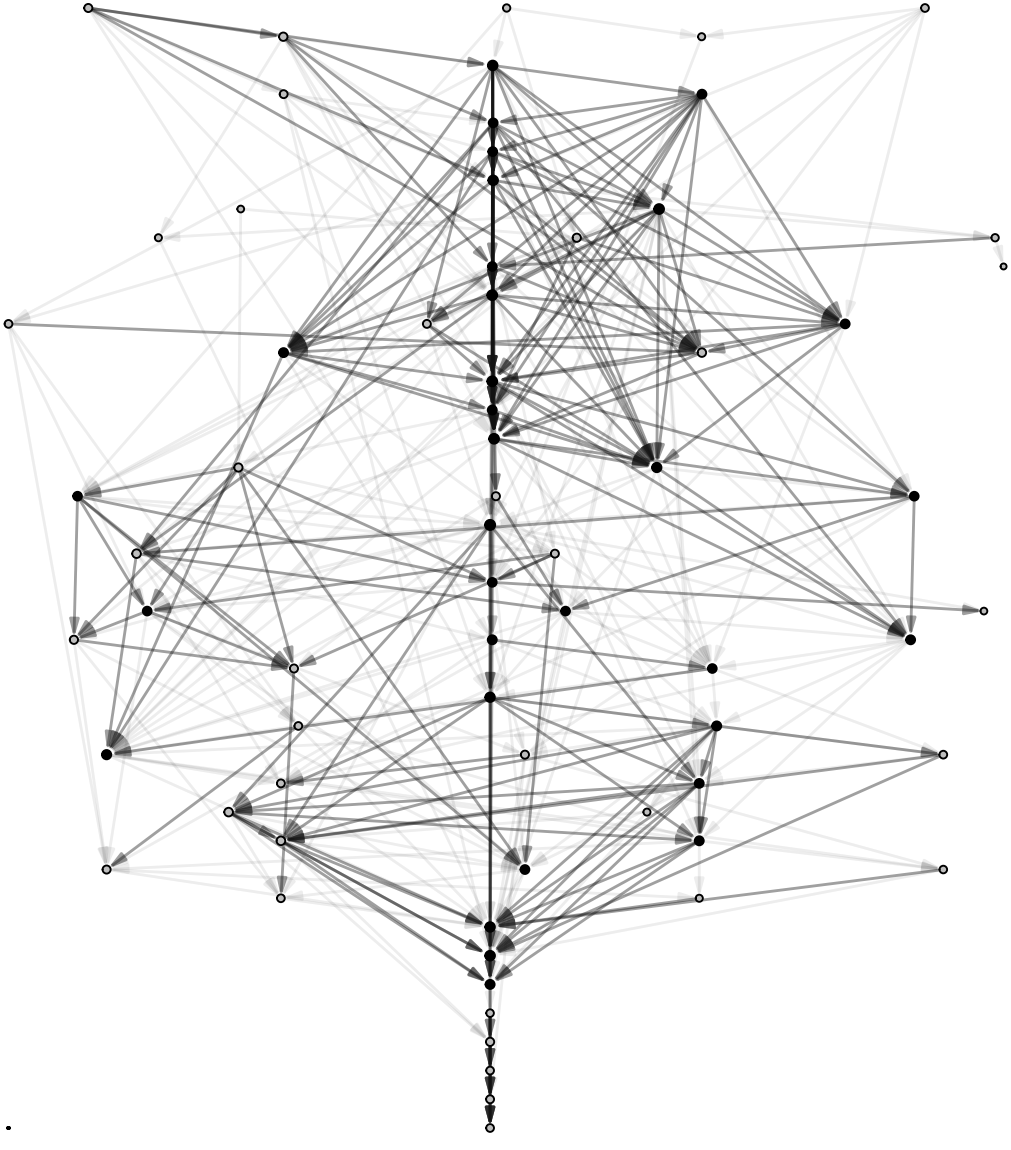

office
Boston
Hartford
Providence
+ Isolates
44
47

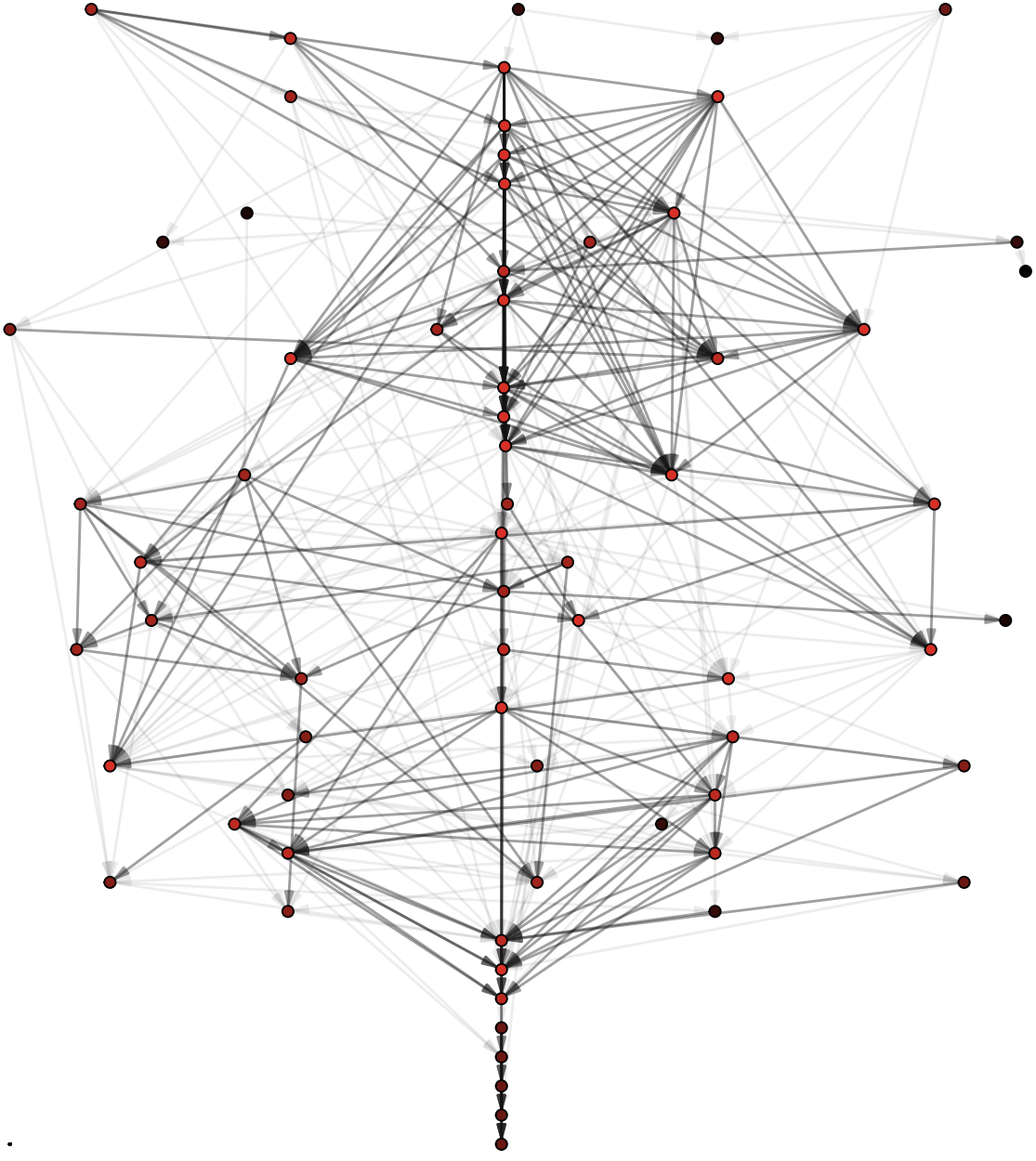

practice
litigation
corporate
+ Isolates
44
47

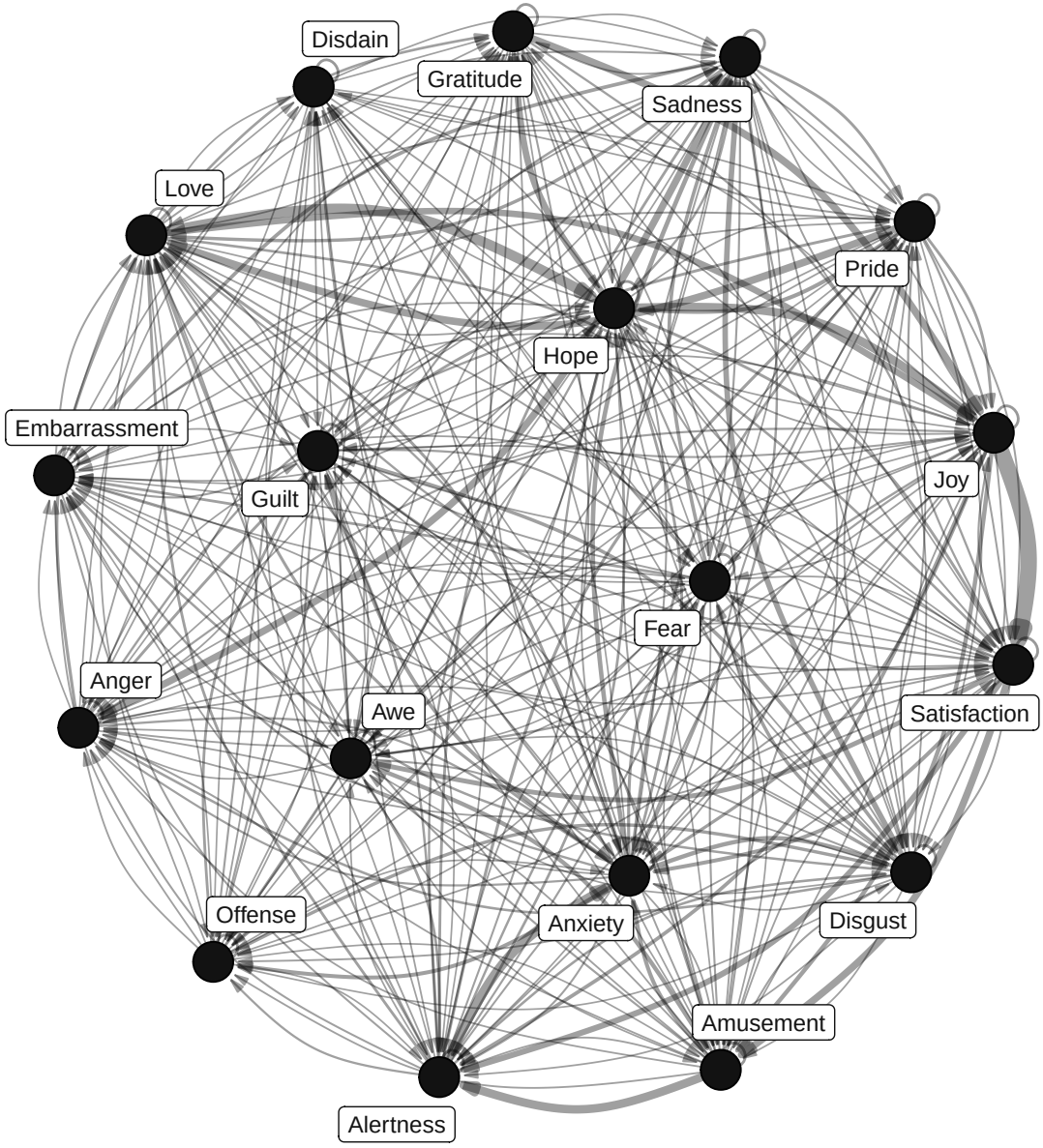

nc
FALSE
TRUE
+ Isolates
44
47

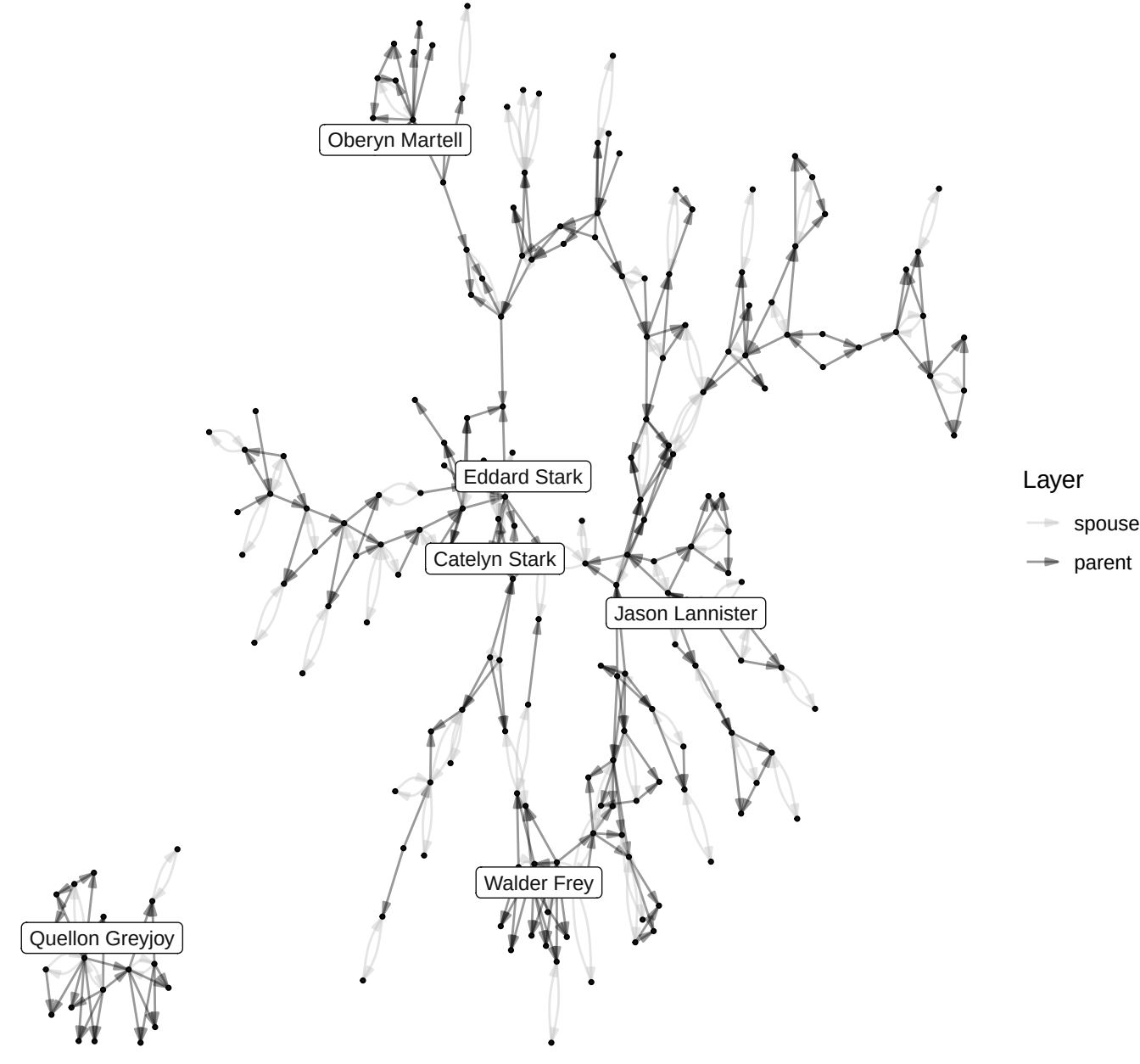

core in who names them
core in whom they name
0.0
0.2
0.4
0.6
0.8
1.0

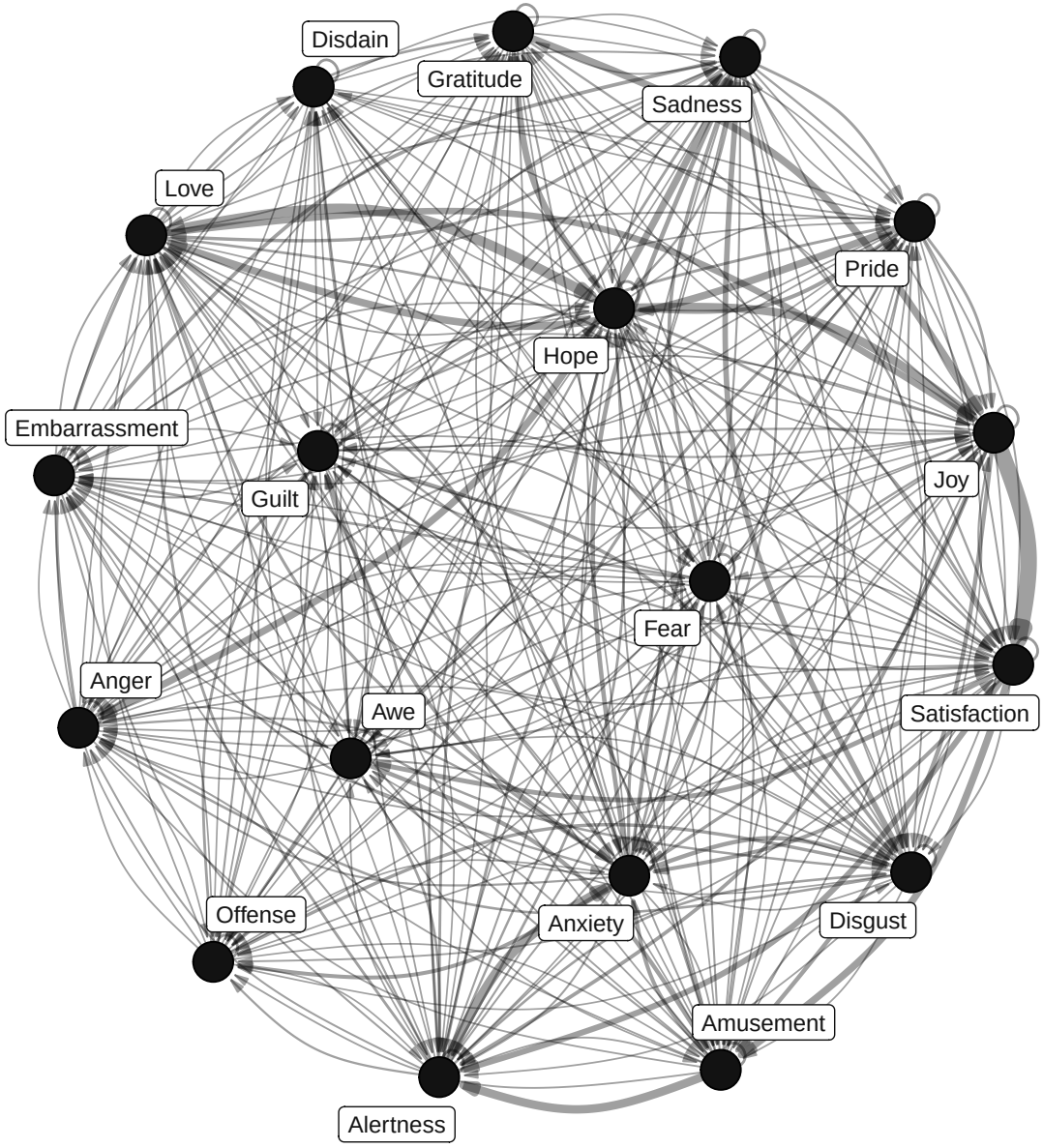

cp
Periphery
Core
Receiver
Sender
+ Isolates
44
47

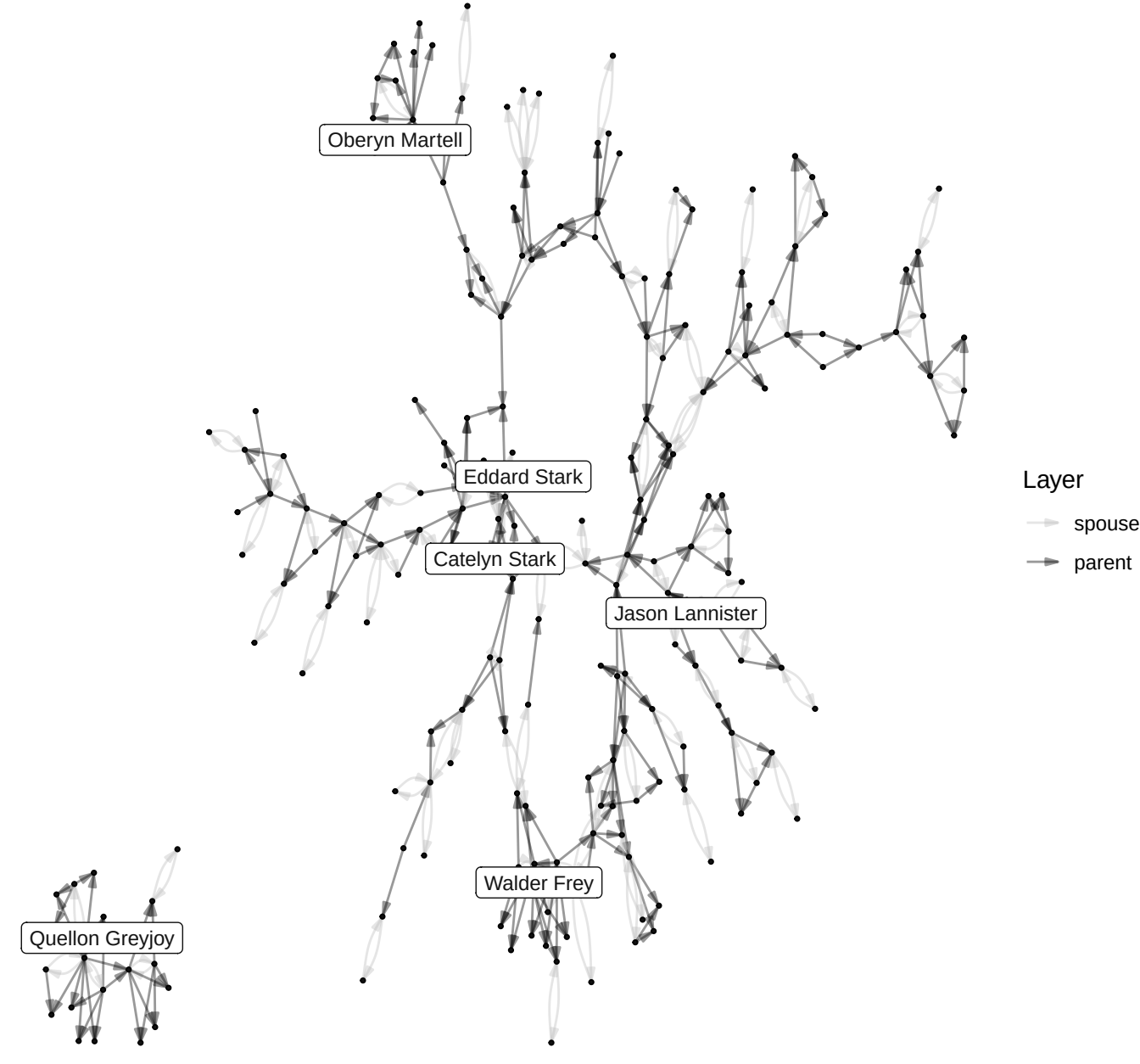

core
FALSE
TRUE
cness
2.5
5.0
7.5
10.0
+ Isolates
44
47

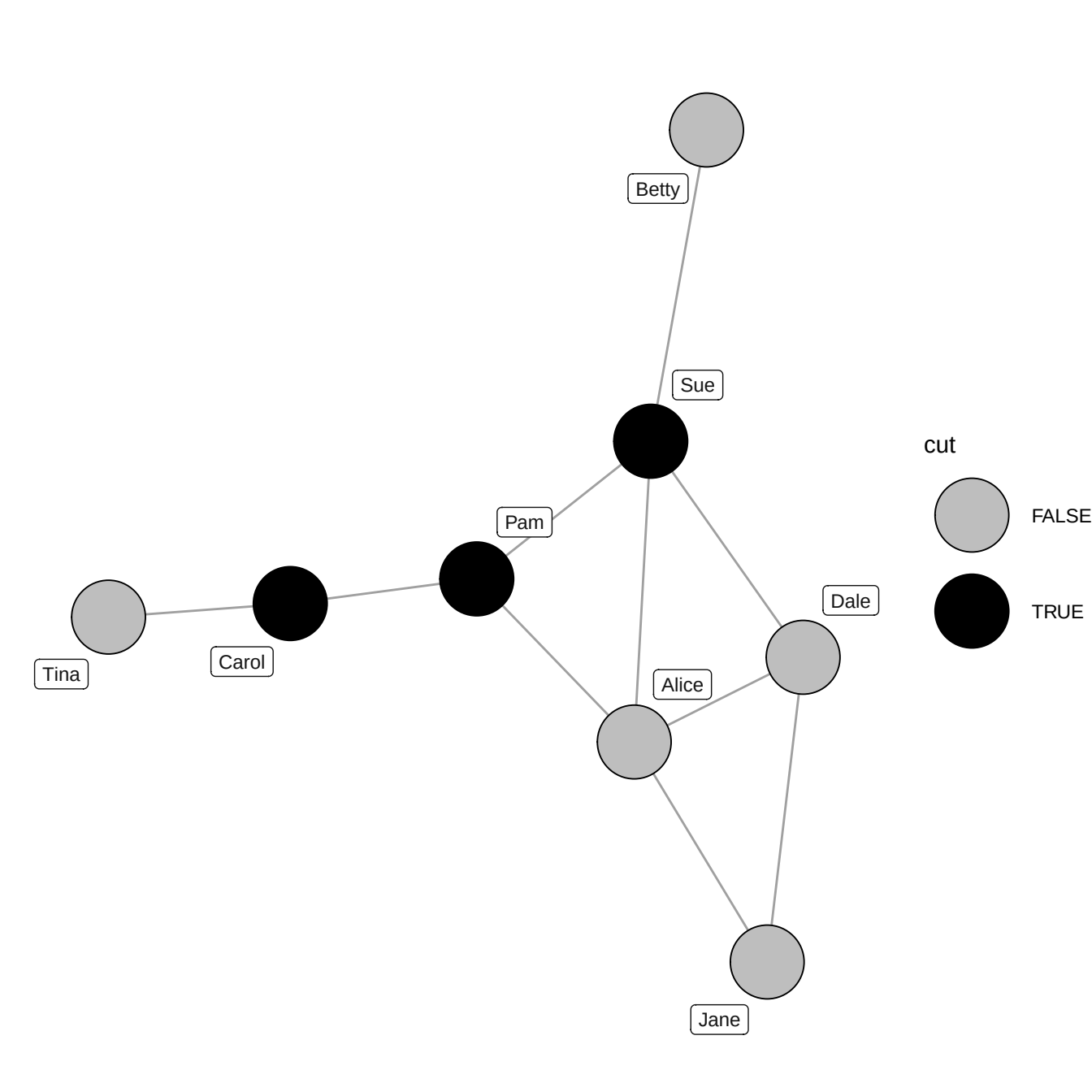

ncn
7.5
5.0
2.5
+ Isolates
44
47

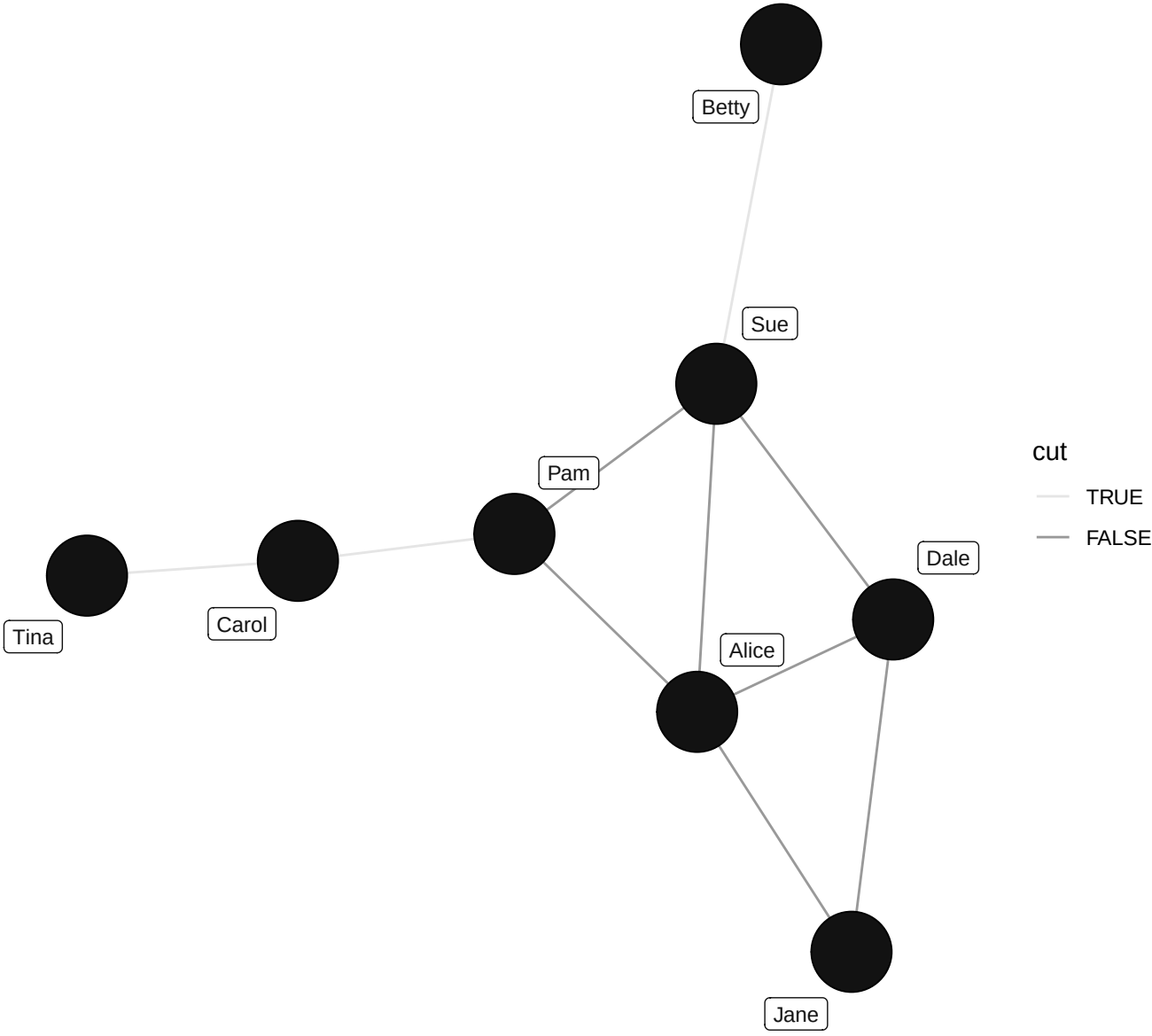

Disdain
Gratitude
Sadness
Love
Pride
Hope
Embarrassment
Guilt
Joy
Fear
Anger
Awe
Satisfaction
Offense
Anxiety
Disgust
Amusement
Alertness
Weight
2500
5000
7500

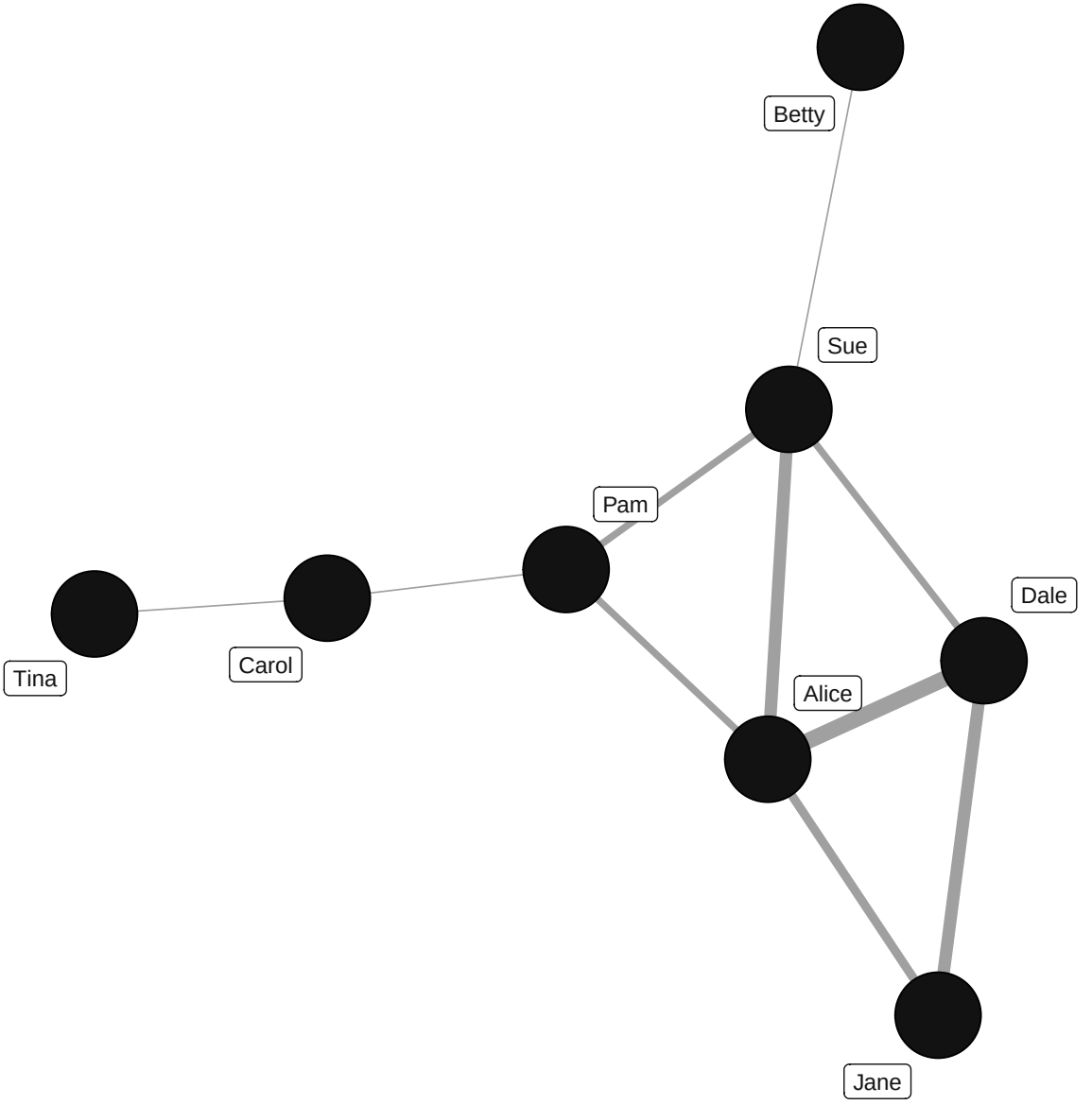

Oberyn Martell
Eddard Stark
Catelyn Stark
Jason Lannister
Walder Frey
Quellon Greyjoy
Layer
spouse
parent


Disdain
Gratitude
Sadness
Love
Pride
Hope
Embarrassment
Guilt
Joy
Fear
Anger
Awe
Satisfaction
Offense
Anxiety
Disgust
Amusement
Alertness
Weight
2500
5000
7500


Oberyn Martell
Eddard Stark
Catelyn Stark
Jason Lannister
Walder Frey
Quellon Greyjoy
Layer
spouse
parent


Betty
Sue
Pam
Tina
Carol
Dale
Alice
Jane
cut
FALSE
TRUE


Betty
Sue
Pam
Tina
Carol
Dale
Alice
Jane
cut
TRUE
FALSE


Betty
Sue
Pam
Tina
Carol
Dale
Alice
Jane
Width
0.0
0.2
0.4
0.6