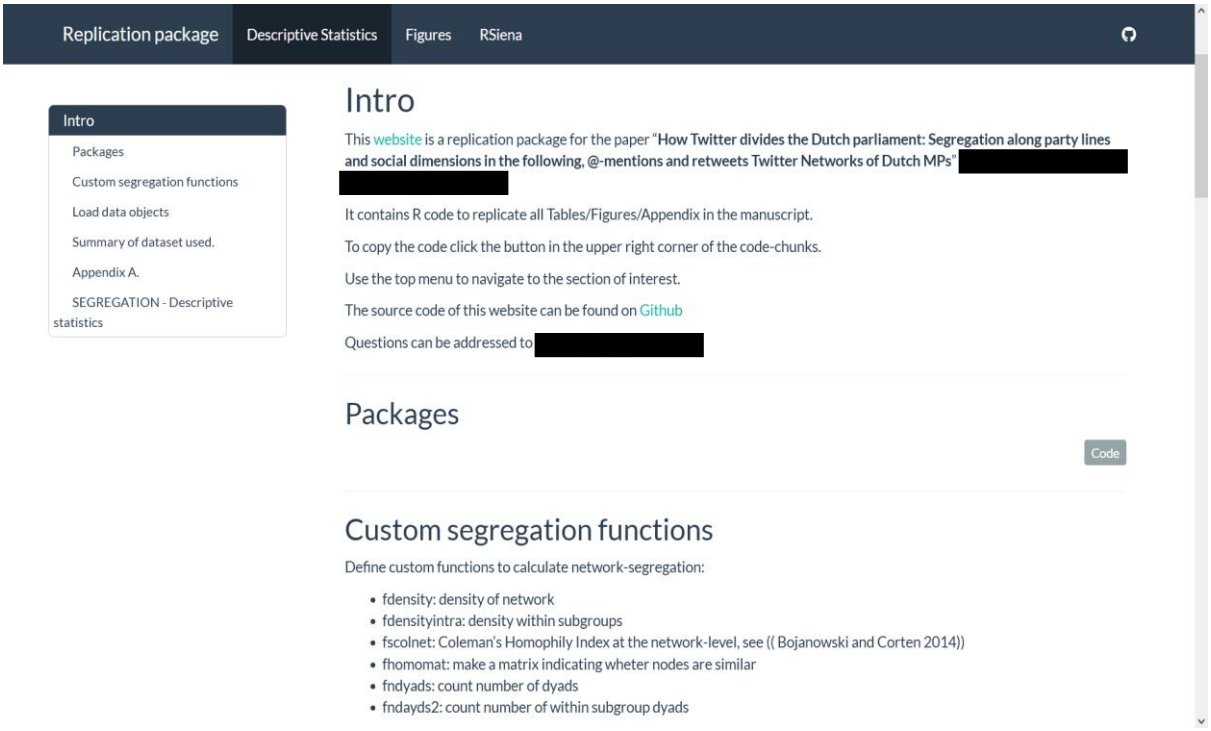
Screenshots of replication website hosted at github

We strongly endorse the principles of open science. We therefore constructed an elaborate an detailed replication website on which all used data, R code and reported findings in the manuscript can be found. This website also allows researchers to assess our findings robustness for alternative modelling strategies. To guarantee the double-blind review process we cannot share the link to the github website/repository at this point in time. We therefore provide the reviewers with some example screenshots.



Intro
Packages
Custom segregation functions
Load data objects
Summary of dataset used.
Appendix A.
SEGREGATION - Descriptive statistics

Load data objects

Data objects:

- key: information on all politicians on election list
- twitter
  - keyf: information on all 147 MPs with twitter handle
  - mydata: RSiena object with all kind of goodies inside
  - seats: seating coordinates of HoP (used for plotting)

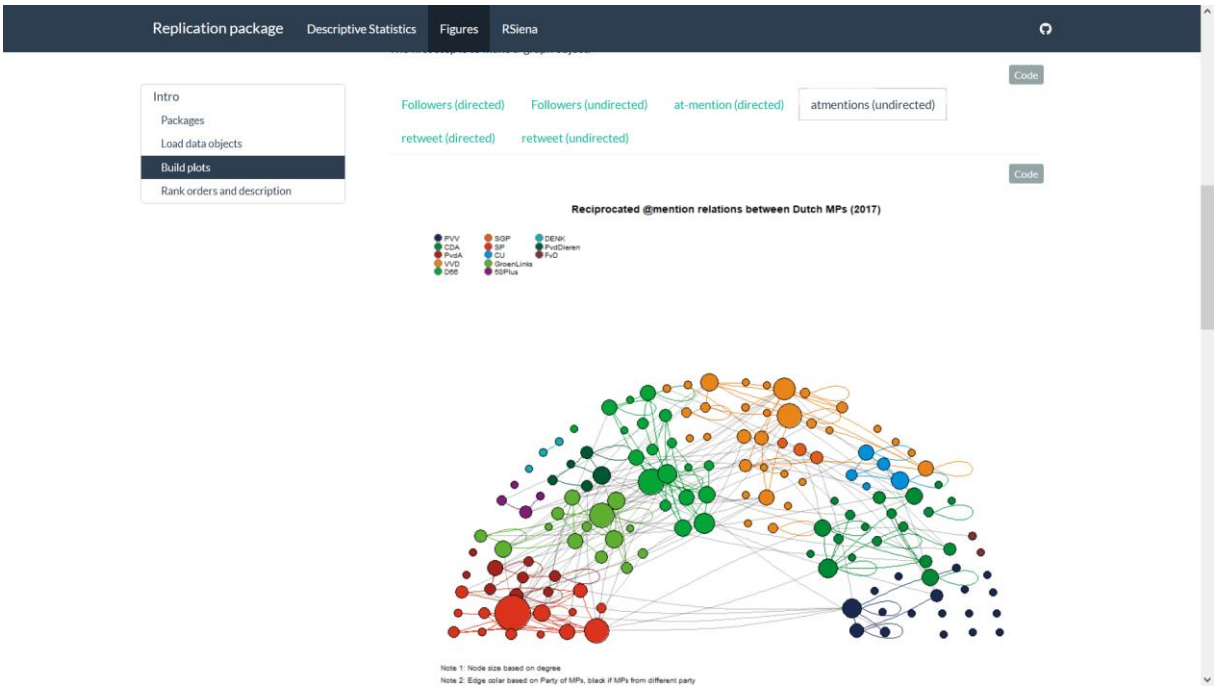
Code

Summary of dataset used.

Code

Dataset summary

Name	Party	Sex	Birth Year	Visible Minority	List Position	Incumbency status	Seating Segment	Seating Row	Seating Column	X-coord.	Y-coord
Agema, Fleur	PVV	female	1976	0	2	1	1	1	2	7.9	-2.9
Amhaouch, Mustafa	CDA	male	1970	1	15	1	2	3	1	9.5	1.3
Arib, Khadija	PvdA	female	1960	1	2	1	6	6	3	-16.1	-0.8
v. Ark, Tamara	VVD	female	1974	0	4	1	3	2	1	3.9	3.5
Azmani, Malik	VVD	male	1976	1	10	1	3	3	2	3.7	5.5
Beertema, Harm	PVV	male	1952	0	10	1	1	4	1	13.6	-4.5
Belhaj, Salima	D66	female	1979	1	14	1	4	4	3	-3.3	7.4
Bergkamp, Vera	D66	female	1971	0	6	1	4	3	4	-4.6	5.0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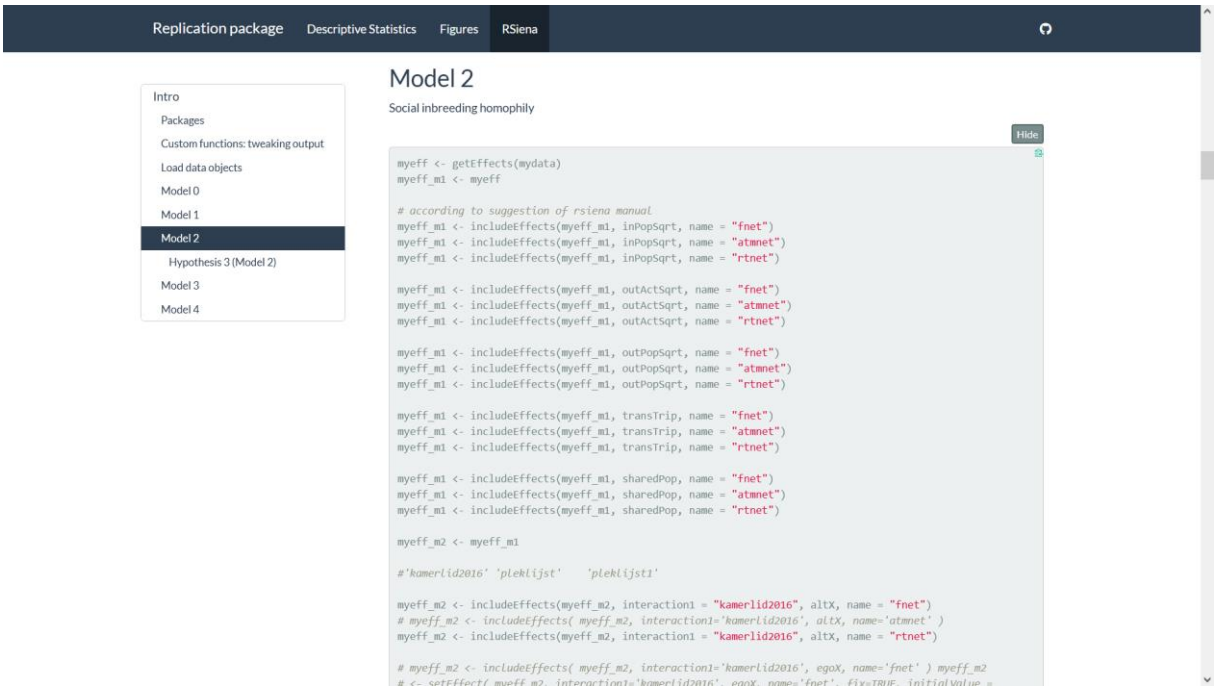
Followers (directed)
Followers (undirected)
at-mention (directed)
atmentions (undirected)
retweet (directed)
retweet (undirected)
Code
Reciprocated @mention relations between Dutch MPs (2017)
PVV
CDA
PvdA
VVD
D66
SGP
SP
CU
GroenLinks
50Plus
DENK
Pvd Dieren
FvD
Note 1: Node size based on degree
Note 2: Edge color based on Party of MPs, black if MPs from different party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Model 1
Model 2
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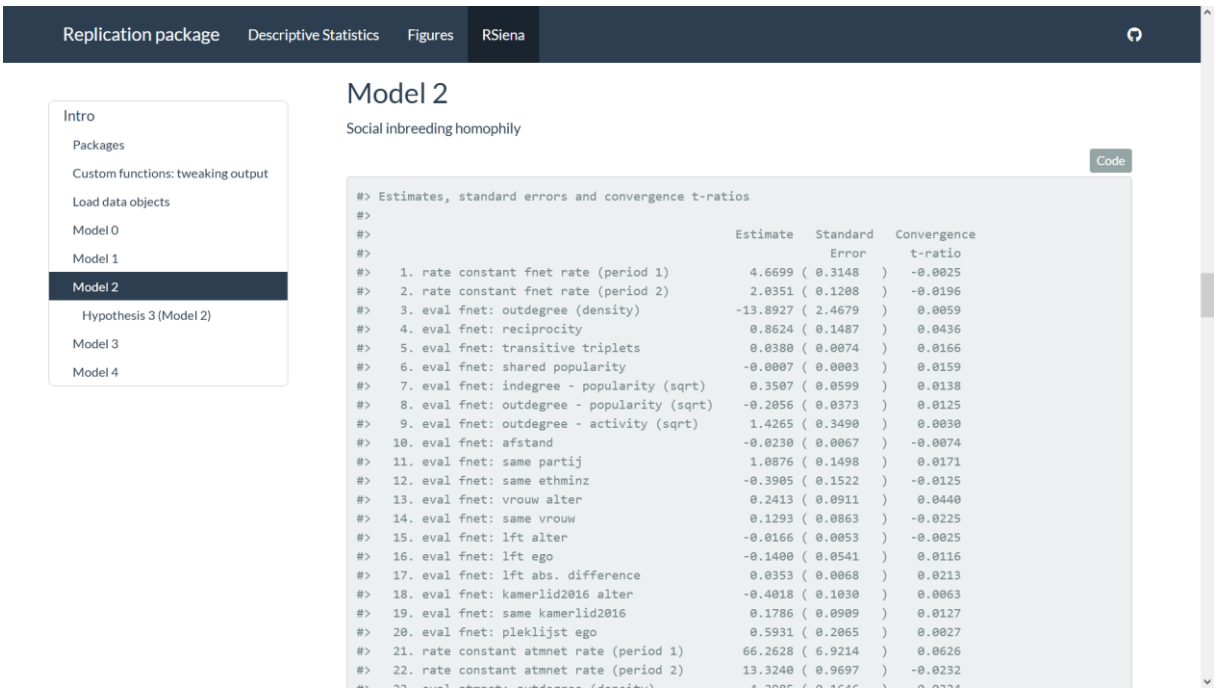
Model 3
Model 4
Model 2
Social inbreeding homophily
Hide
myeff <- getEffects(mydata)
myeff_m1 <- myeff
# according to suggestion of rsiena manual
myeff_m1 <- includeEffects(myeff_m1, inPopSqrt, name = "fnet")
myeff_m1 <- includeEffects(myeff_m1, inPopSqrt, name = "atmnet")
myeff_m1 <- includeEffects(myeff_m1, inPopSqrt, name = "rtnet")
myeff_m1 <- includeEffects(myeff_m1, outActSqrt, name = "fnet")
myeff_m1 <- includeEffects(myeff_m1, outActSqrt, name = "atmnet")
myeff_m1 <- includeEffects(myeff_m1, outActSqrt, name = "rtnet")
myeff_m1 <- includeEffects(myeff_m1, outPopSqrt, name = "fnet")
myeff_m1 <- includeEffects(myeff_m1, outPopSqrt, name = "atmnet")
myeff_m1 <- includeEffects(myeff_m1, outPopSqrt, name = "rtnet")
myeff_m1 <- includeEffects(myeff_m1, transTrip, name = "fnet")
myeff_m1 <- includeEffects(myeff_m1, transTrip, name = "atmnet")
myeff_m1 <- includeEffects(myeff_m1, transTrip, name = "rtnet")
myeff_m1 <- includeEffects(myeff_m1, sharedPop, name = "fnet")
myeff_m1 <- includeEffects(myeff_m1, sharedPop, name = "atmnet")
myeff_m1 <- includeEffects(myeff_m1, sharedPop, name = "rtnet")
myeff_m2 <- myeff_m1
#'kamerlid2016' 'pleklijst' 'pleklijst1'
myeff_m2 <- includeEffects(myeff_m2, interaction1 = "kamerlid2016", altX, name = "fnet")
# myeff_m2 <- includeEffects(myeff_m2, interaction1='kamerlid2016', altX, name='atmnet')
myeff_m2 <- includeEffects(myeff_m2, interaction1 = "kamerlid2016", altX, name = "rtnet")
# myeff_m2 <- includeEffects(myeff_m2, interaction1='kamerlid2016', egoX, name='fnet') myeff_m2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#> Estimates, standard errors and convergence t-ratios
#>
#>   Estimate   Standard   Convergence
#>   Error   t-ratio
#>   1. rate constant fnet rate (period 1)   4.6699 (0.3148   )   -0.0025
#>   2. rate constant fnet rate (period 2)   2.0351 (0.1208   )   -0.0196
#>   3. eval fnet: outdegree (density)   -13.8927 (2.4679   )   0.0059
#>   4. eval fnet: reciprocity   0.8624 (0.1487   )   0.0436
#>   5. eval fnet: transitive triplets   0.0380 (0.0074   )   0.0166
#>   6. eval fnet: shared popularity   -0.0007 (0.0003   )   0.0159
#>   7. eval fnet: indegree - popularity (sqrt)   0.3507 (0.0599   )   0.0138
#>   8. eval fnet: outdegree - popularity (sqrt)   -0.2056 (0.0373   )   0.0125
#>   9. eval fnet: outdegree - activity (sqrt)   1.4265 (0.3490   )   0.0030
#>   10. eval fnet: afstand   -0.0230 (0.0067   )   -0.0074
#>   11. eval fnet: same partij   1.0876 (0.1498   )   0.0171
#>   12. eval fnet: same ethminz   -0.3905 (0.1522   )   -0.0125
#>   13. eval fnet: vrouw alter   0.2413 (0.0911   )   0.0440
#>   14. eval fnet: same vrouw   0.1293 (0.0863   )   -0.0225
#>   15. eval fnet: lft alter   -0.0166 (0.0053   )   -0.0025
#>   16. eval fnet: lft ego   -0.1400 (0.0541   )   0.0116
#>   17. eval fnet: lft abs. difference   0.0353 (0.0068   )   0.0213
#>   18. eval fnet: kamerlid2016 alter   -0.4018 (0.1030   )   0.0063
#>   19. eval fnet: same kamerlid2016   0.1786 (0.0909   )   0.0127
#>   20. eval fnet: pleklijst ego   0.5931 (0.2065   )   0.0027
#>   21. rate constant atmnet rate (period 1)   66.2628 (6.9214   )   0.0626
#>   22. rate constant atmnet rate (period 2)   13.3240 (0.9697   )   -0.0232