

Table comparing the middle 95% of the bootstrap and jackknife distributions displaying the difference in network statistics over time

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Friendship Network

Transitivity

##		Boot 2.5%	Boot 97.5%	Jack 2.5%	Jack 97.5%	Degseq 2.5%
##	T2 - T1	-0.009775407	0.163111070	0.008527503	0.084110262	0.035631359
##	T3 - T2	0.011220562	0.125452435	-0.036128169	0.038870309	0.030102016
##	T4 - T3	-0.195927235	-0.082058247	-0.127577023	-0.081849367	-0.158271014
##	T3 - T1	0.066523183	0.224144149	0.014734676	0.074014815	0.122955992
##	T4 - T2	-0.134489557	-0.004646847	-0.144714567	-0.069445470	-0.078287029
##	T4 - T1	-0.075082614	0.094791624	-0.097802801	-0.034476986	0.029414034
##		Degseq 97.5%				
##	T2 - T1	0.199142787				
##	T3 - T2	0.150757548				
##	T4 - T3	-0.034097915				
##	T3 - T1	0.283836802				
##	T4 - T2	0.064137631				
##	T4 - T1	0.196435978				

Mean Degree

##		Boot 2.5%	Boot 97.5%	Jack 2.5%	Jack 97.5%	Degseq 2.5%
##	T2 - T1	2.46153846	3.07692308	1.16000000	2.10000000	1.69230769
##	T3 - T2	1.76923077	2.38461538	0.42000000	1.40000000	0.92307692
##	T4 - T3	-2.69230769	-2.15192308	-1.21000000	-0.32000000	-0.84615385
##	T3 - T1	4.53846154	5.15384615	1.99000000	3.06000000	2.61538462
##	T4 - T2	-0.61538462	0.00000000	-0.38000000	0.67000000	0.07692308
##	T4 - T1	2.15384615	2.76923077	1.11000000	2.15000000	1.76923077
##		Degseq 97.5%				
##	T2 - T1	1.69230769				
##	T3 - T2	0.92307692				
##	T4 - T3	-0.84615385				
##	T3 - T1	2.61538462				
##	T4 - T2	0.07692308				
##	T4 - T1	1.76923077				

Edge Density

##		Boot 2.5%	Boot 97.5%	Jack 2.5%	Jack 97.5%	Degseq 2.5%
##	T2 - T1	0.098461538	0.123076923	0.048333333	0.087500000	0.067692308
##	T3 - T2	0.070769231	0.095384615	0.017500000	0.058333333	0.036923077

```

## T4 - T3 -0.107692308 -0.086076923 -0.050416667 -0.013333333 -0.033846154
## T3 - T1 0.181538462 0.206153846 0.082916667 0.127500000 0.104615385
## T4 - T2 -0.024615385 0.000000000 -0.015833333 0.027916667 0.003076923
## T4 - T1 0.086153846 0.110769231 0.046250000 0.089583333 0.070769231
##          Degseq 97.5%
## T2 - T1 0.067692308
## T3 - T2 0.036923077
## T4 - T3 -0.033846154
## T3 - T1 0.104615385
## T4 - T2 0.003076923
## T4 - T1 0.070769231

```

Number of nodes in k-cores where $k > 1$

```

##          Boot 2.5% Boot 97.5% Jack 2.5% Jack 97.5% Degseq 2.5% Degseq 97.5%
## T2 - T1      2.000      4.000     -1.375      2.000     -0.025      1.000
## T3 - T2     -1.000     -1.000     -3.000      0.000     -3.000     -1.975
## T4 - T3      1.000      1.000      1.000      3.000      2.000      3.000
## T3 - T1      1.000      3.000     -3.000      0.000     -3.000     -1.000
## T4 - T2      0.000      0.000     -1.000      2.000      0.000      1.000
## T4 - T1      2.000      4.000     -1.000      2.000      0.000      1.000

```

Tortoise Network

Transitivity

```

##          Boot 2.5%   Boot 97.5%   Jack 2.5%   Jack 97.5%   Degseq 2.5%
## '98 - '97 0.072827303 0.192912705 0.097630550 0.134694497 0.047650273
## '99 - '98 -0.127207949 0.024631440 0.075019905 0.119180171 -0.193234476
## '99 - '97 0.008583575 0.158694042 0.193214435 0.238641857 -0.083439477
##          Degseq 97.5%
## '98 - '97 0.151885170
## '99 - '98 -0.040280352
## '99 - '97 0.051116076

```

Mean Degree

```

##          Boot 2.5% Boot 97.5% Jack 2.5% Jack 97.5% Degseq 2.5% Degseq 97.5%
## '98 - '97 -1.1856481 -1.0000000 -1.1214953 -0.8785047 -1.0000000 -1.0000000
## '99 - '98 -1.2407407 -1.0925926 -1.6509346 -1.4766355 -1.6296296 -1.6296296
## '99 - '97 -2.3518519 -2.1851852 -2.6789720 -2.4799065 -2.6296296 -2.6296296

```

Edge Density

```

##          Boot 2.5%   Boot 97.5%   Jack 2.5%   Jack 97.5%   Degseq 2.5%
## '98 - '97 -0.011080824 -0.009345794 -0.010580145 -0.008287780 -0.009345794
## '99 - '98 -0.011595708 -0.010211146 -0.015574855 -0.013930524 -0.015230183
## '99 - '97 -0.021979924 -0.020422291 -0.025273320 -0.023395345 -0.024575978
##          Degseq 97.5%
## '98 - '97 -0.009345794
## '99 - '98 -0.015230183
## '99 - '97 -0.024575978

```

Number of nodes in k-cores where $k > 1$

##		Boot 2.5%	Boot 97.5%	Jack 2.5%	Jack 97.5%	Degseq 2.5%	Degseq 97.5%
##	'98 - '97	-33.000	-27.000	-37.325	-33.000	-39.000	-31.000
##	'99 - '98	-24.000	-19.000	-20.000	-16.000	-22.000	-14.000
##	'99 - '97	-55.000	-47.000	-56.000	-50.675	-58.000	-48.000