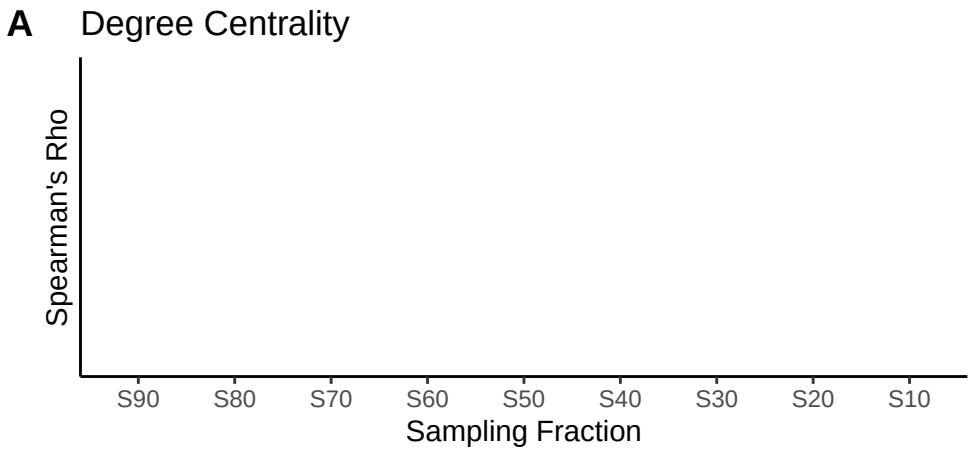
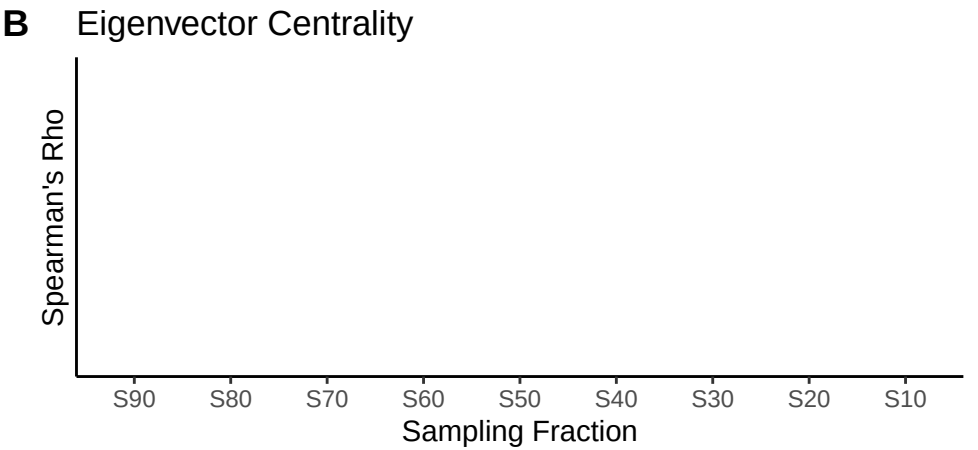
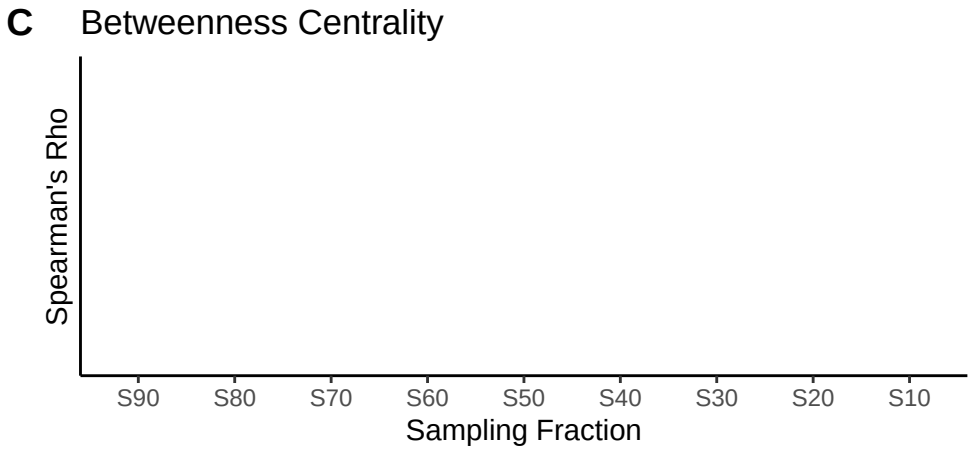
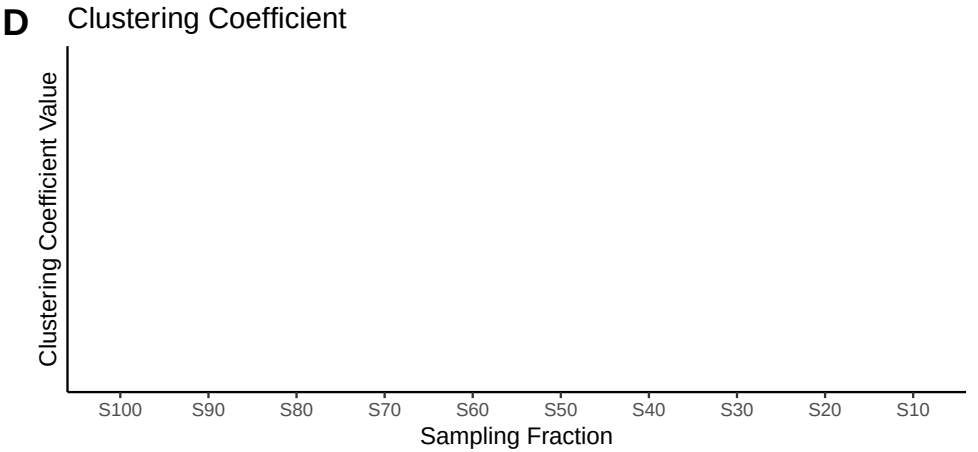
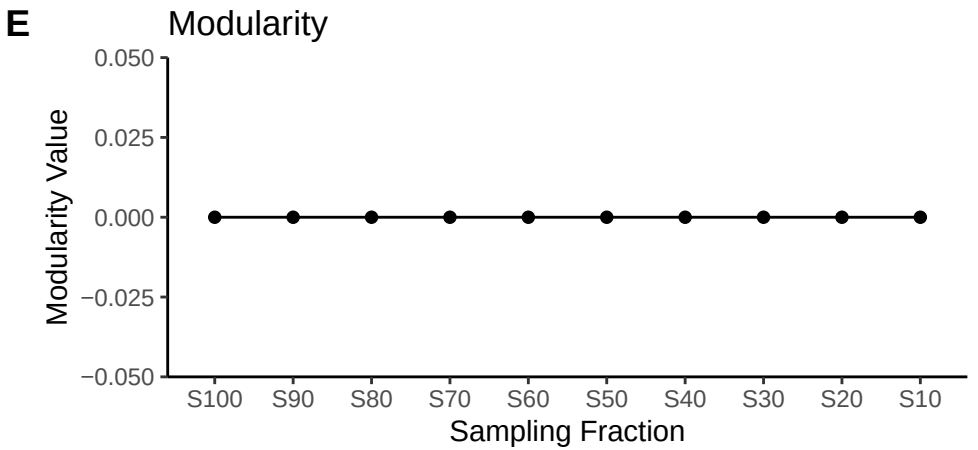
−300to−280_network_1



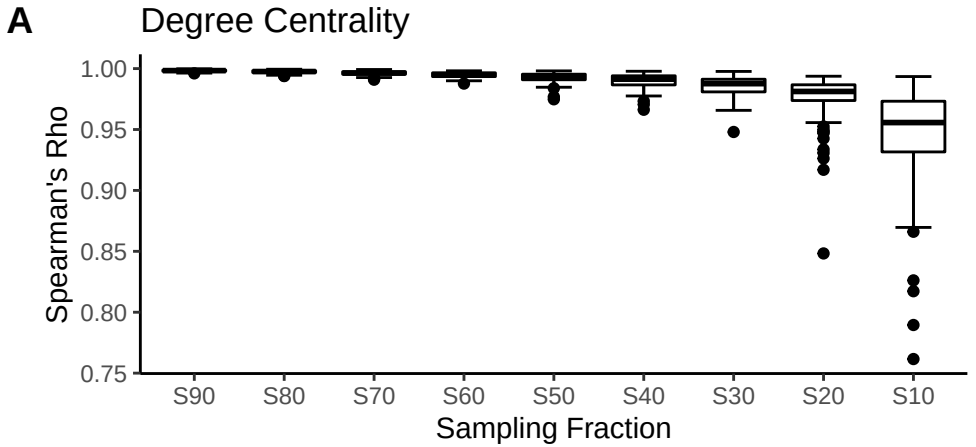


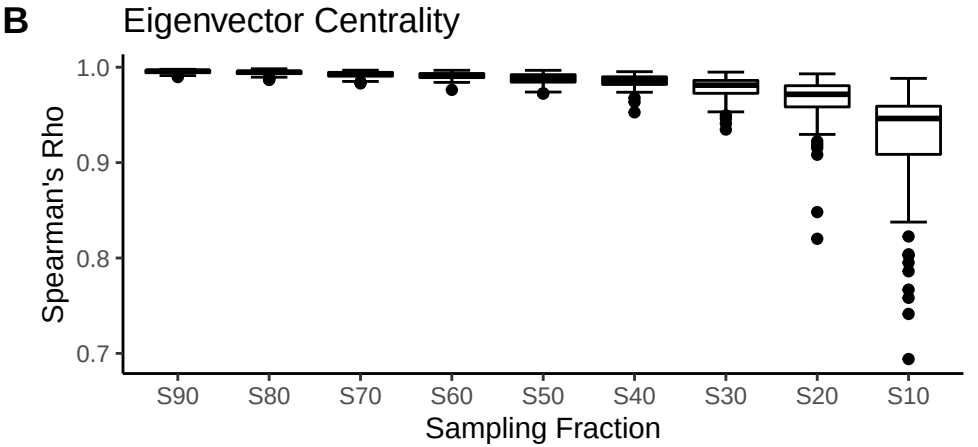


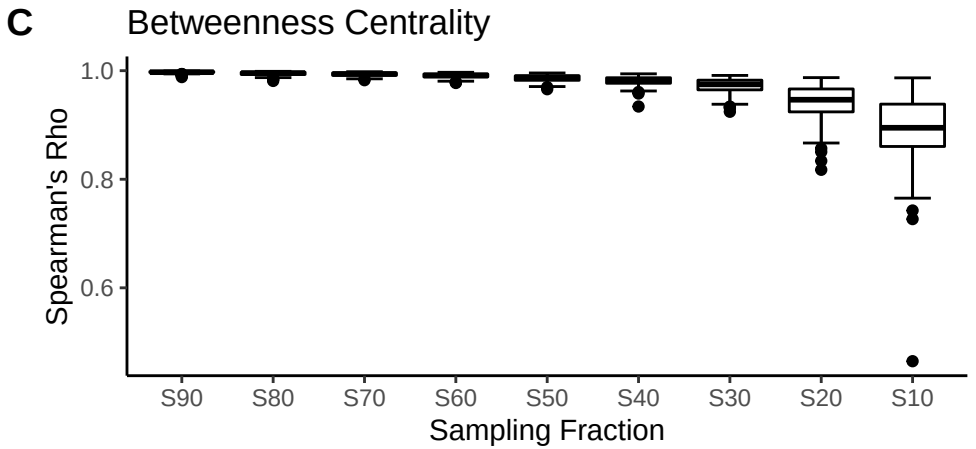


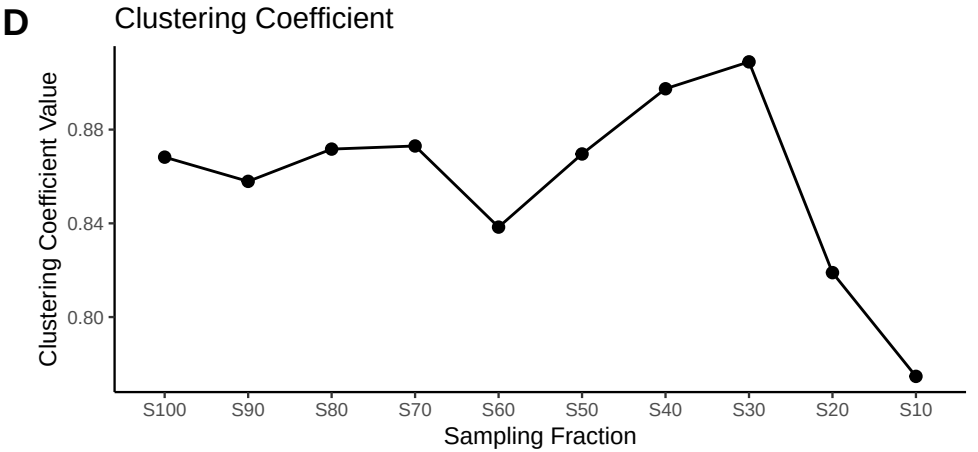


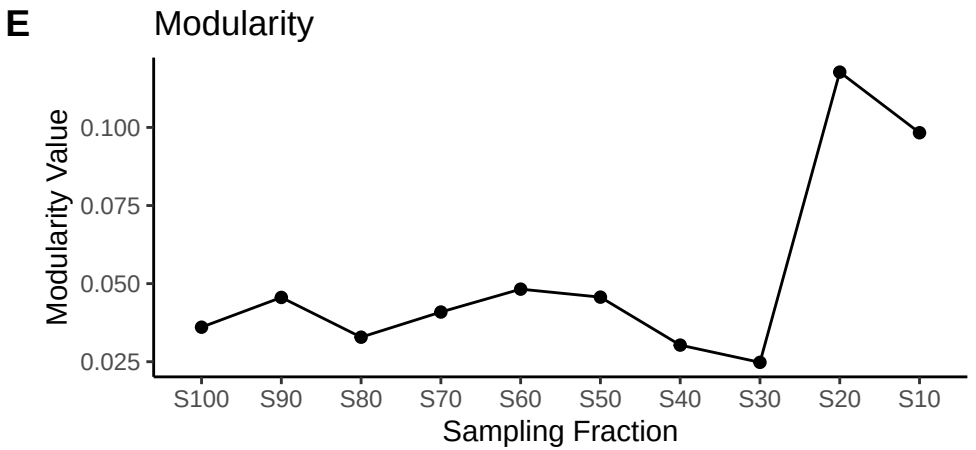
−300to−280_network_25



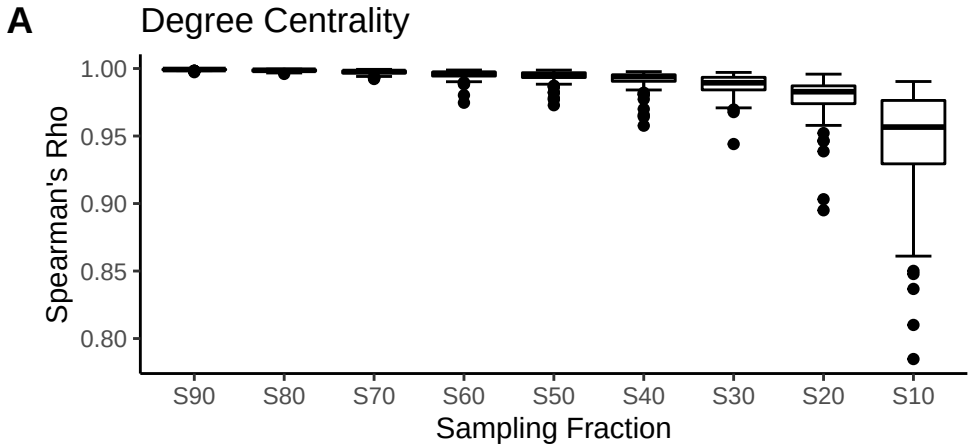


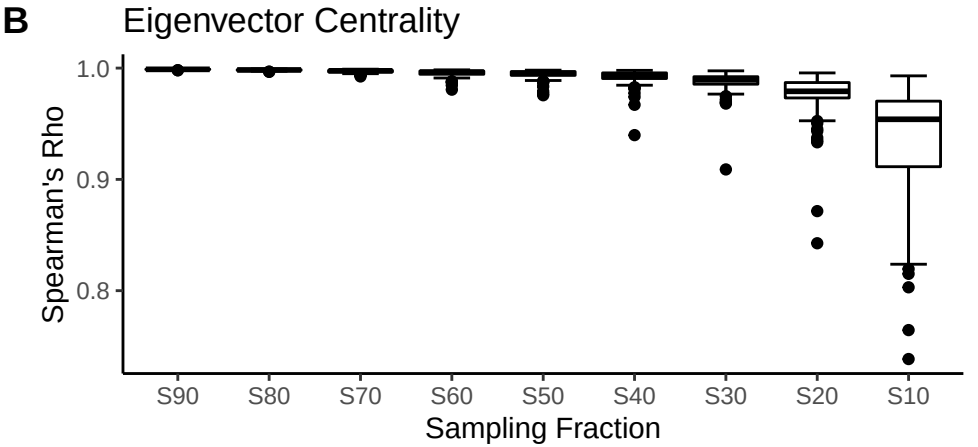


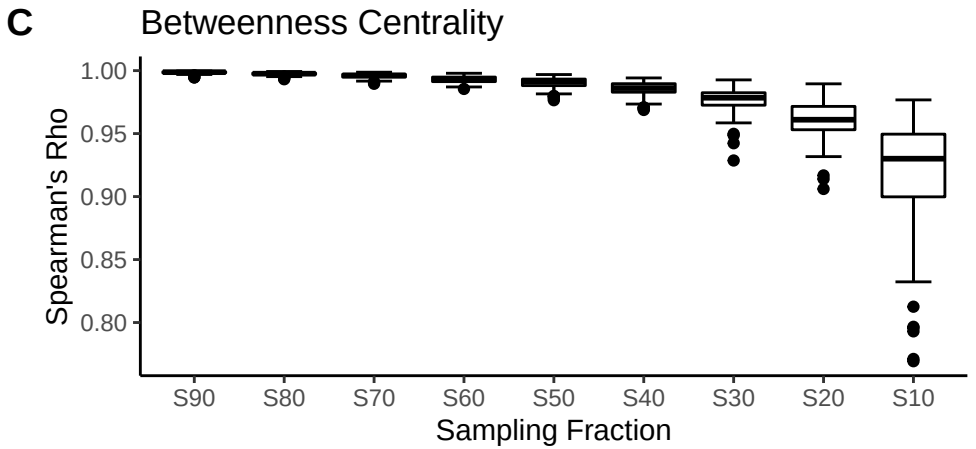


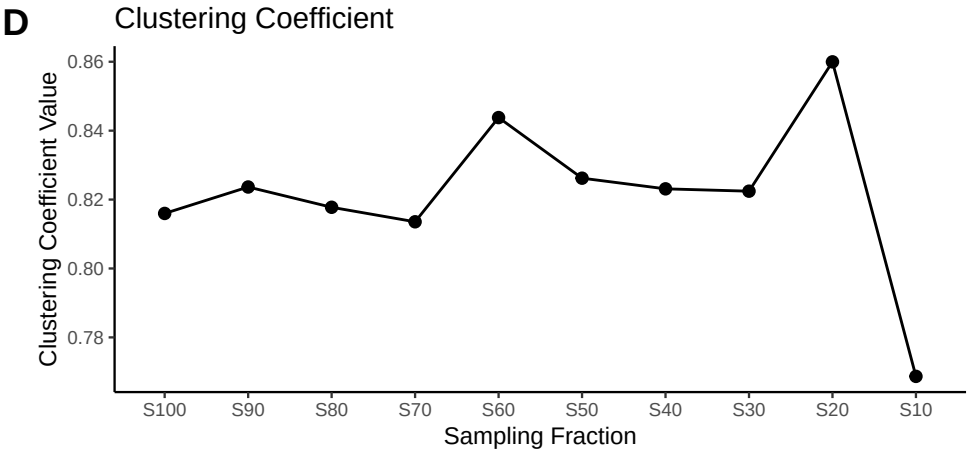


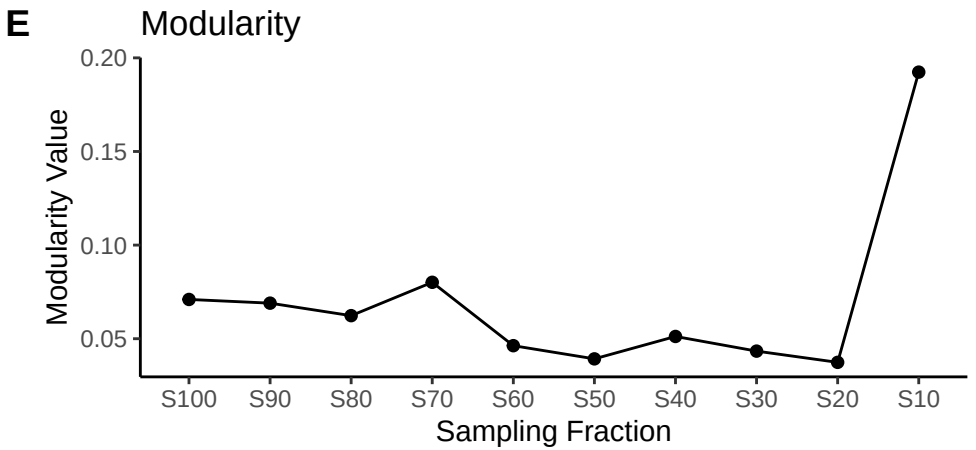
−300to−280_network_50



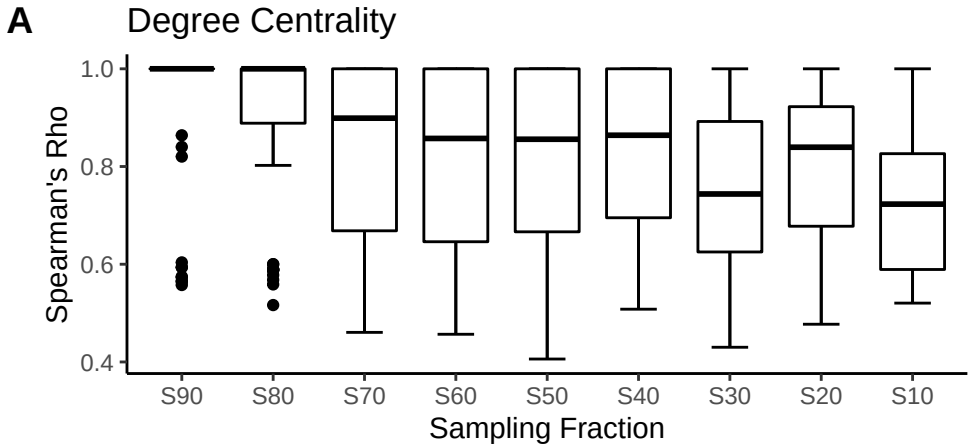


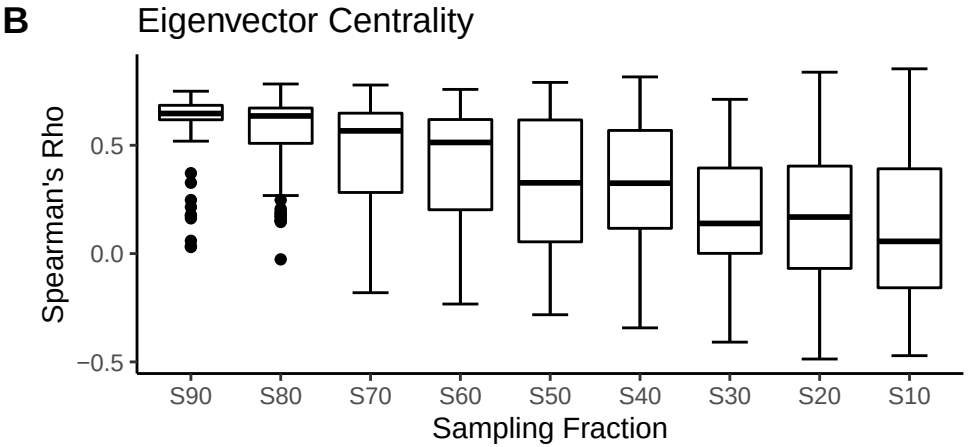


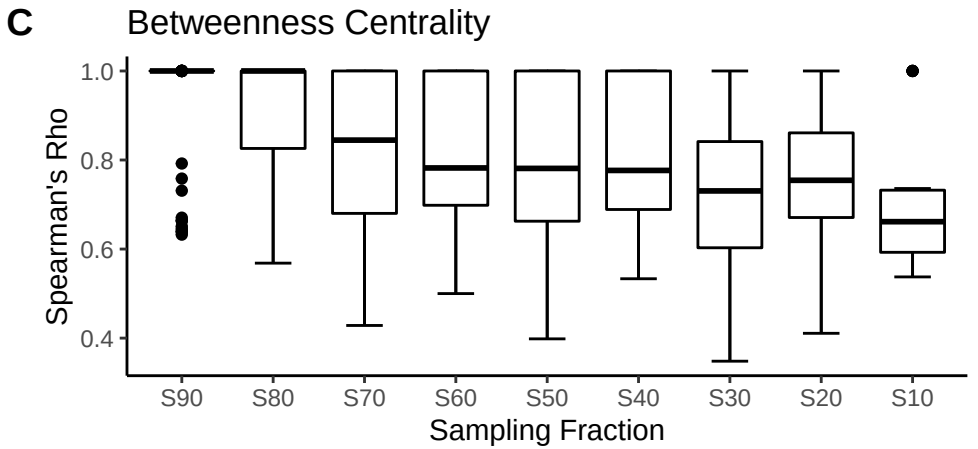


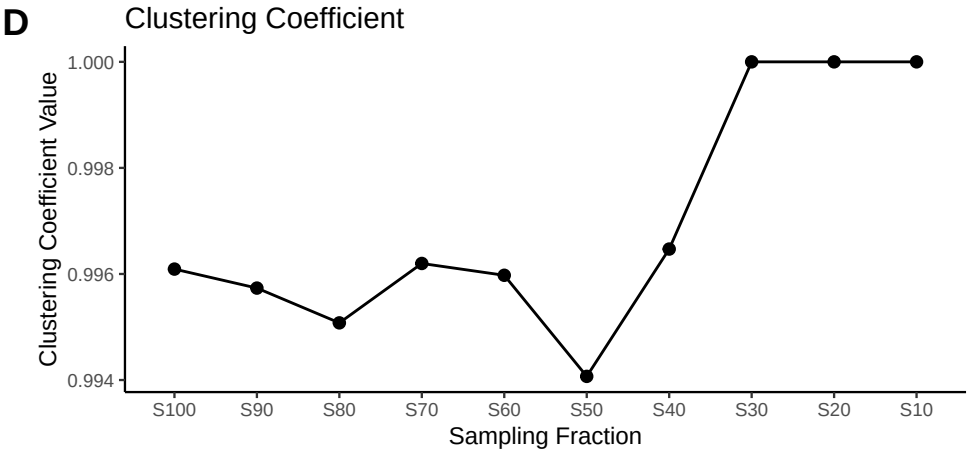


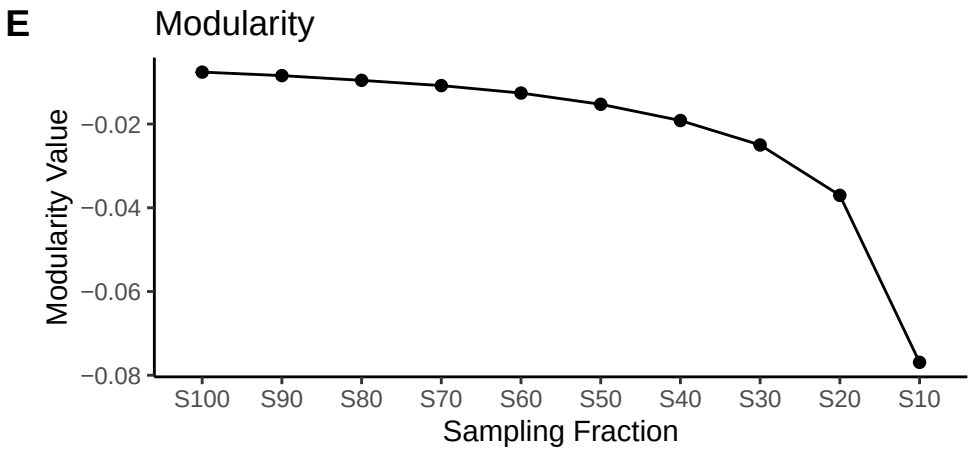
−280to−260_network_1



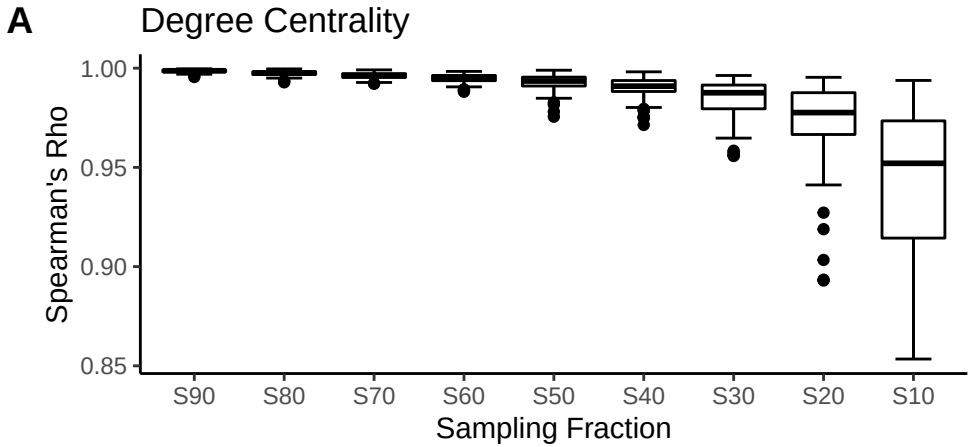


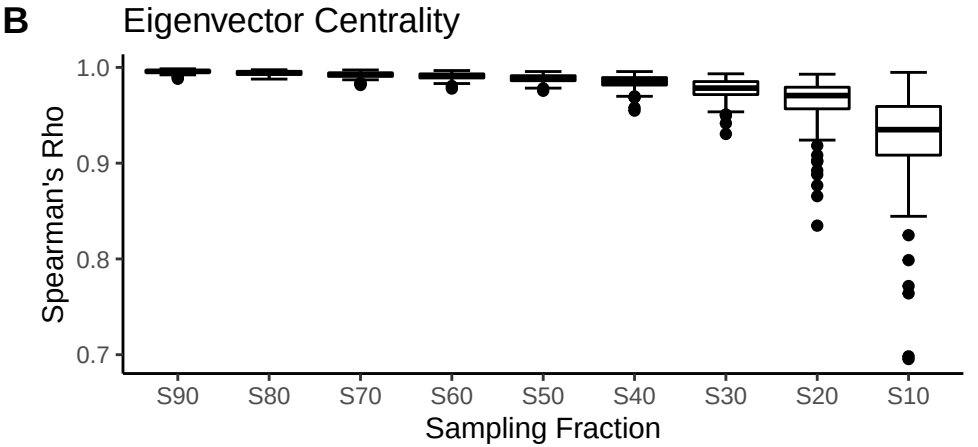


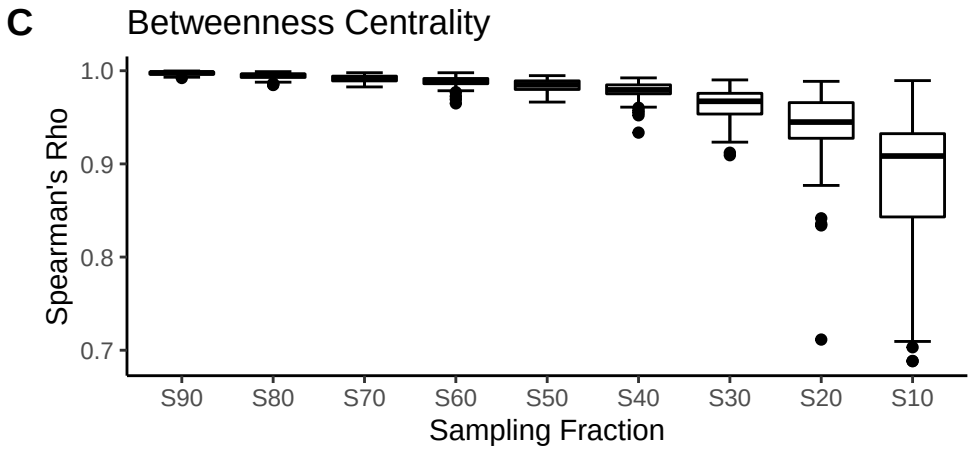


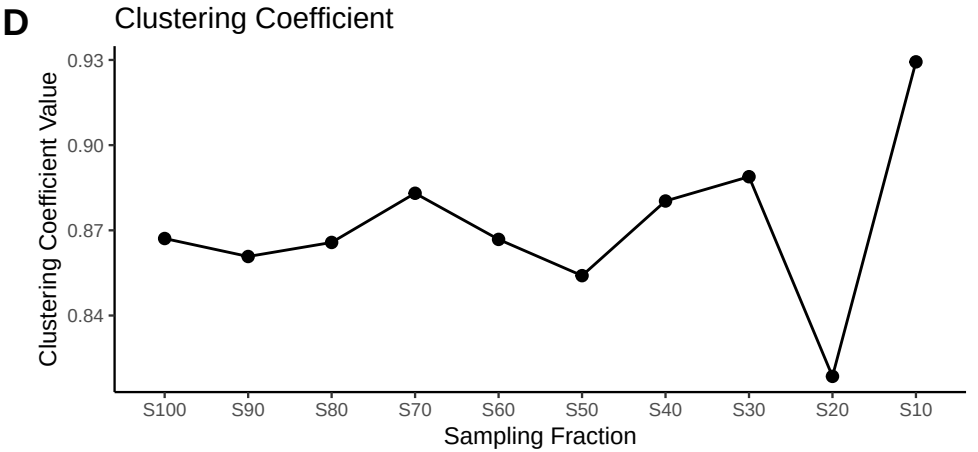


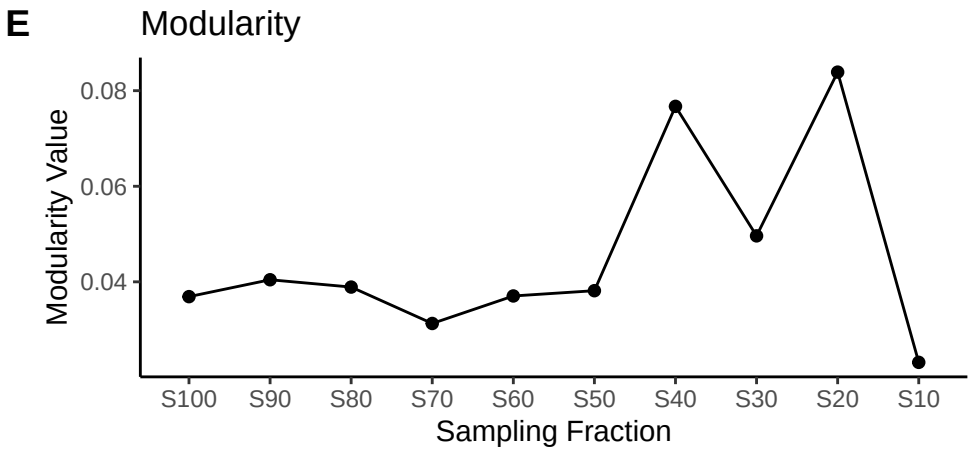
−280to−260_network_25



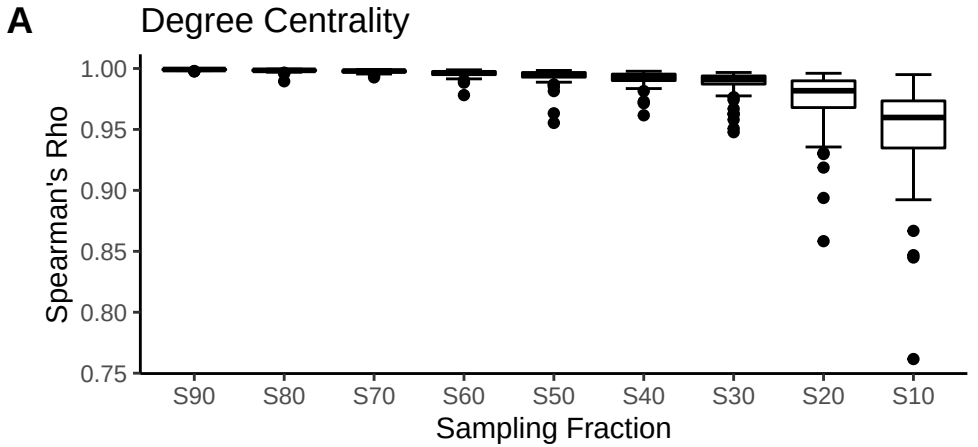


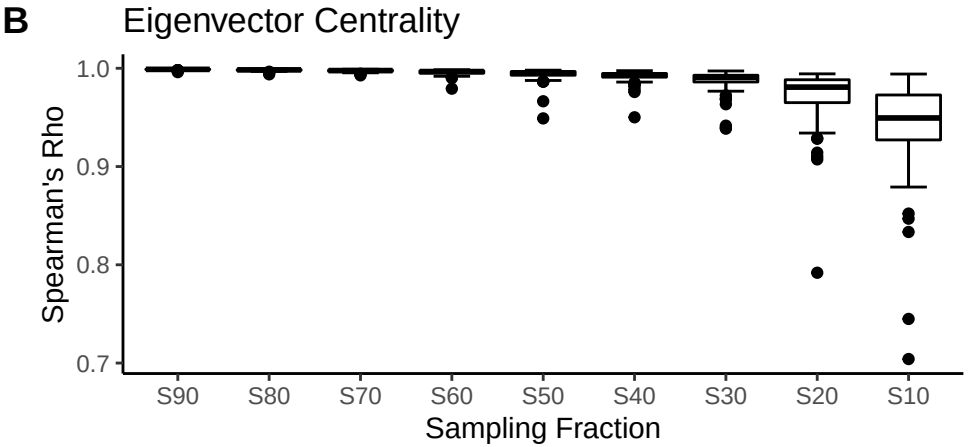


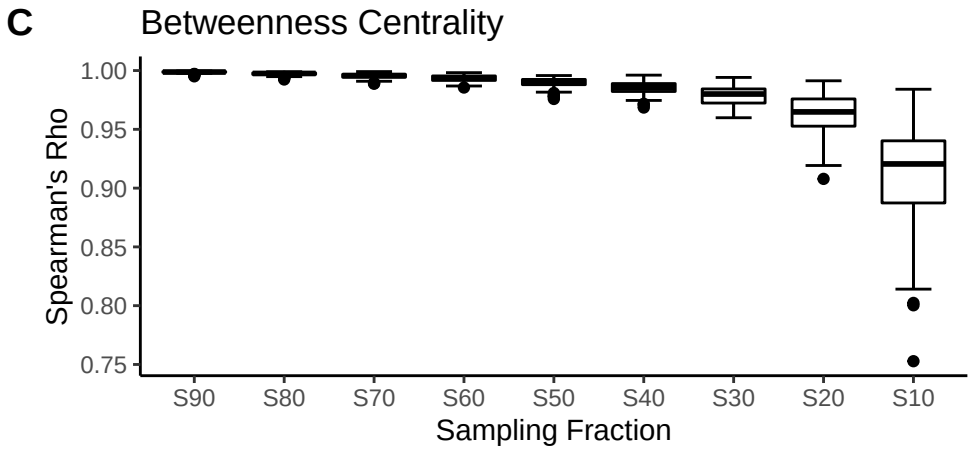


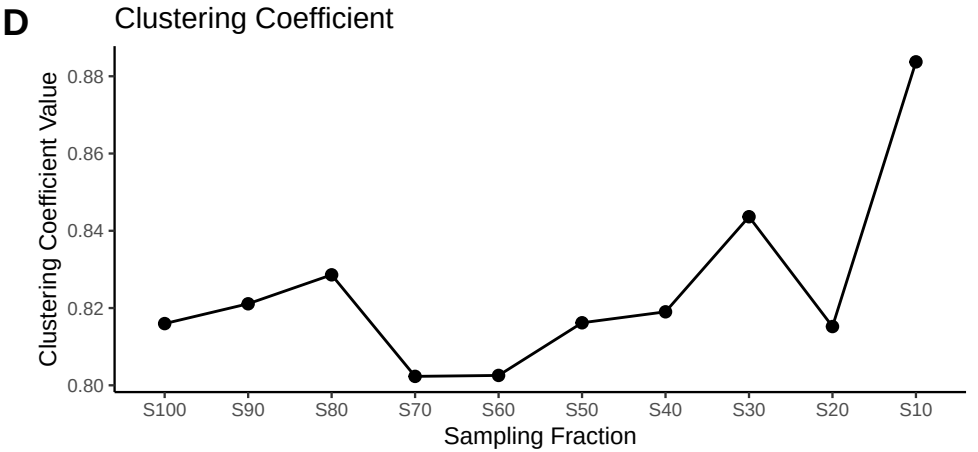


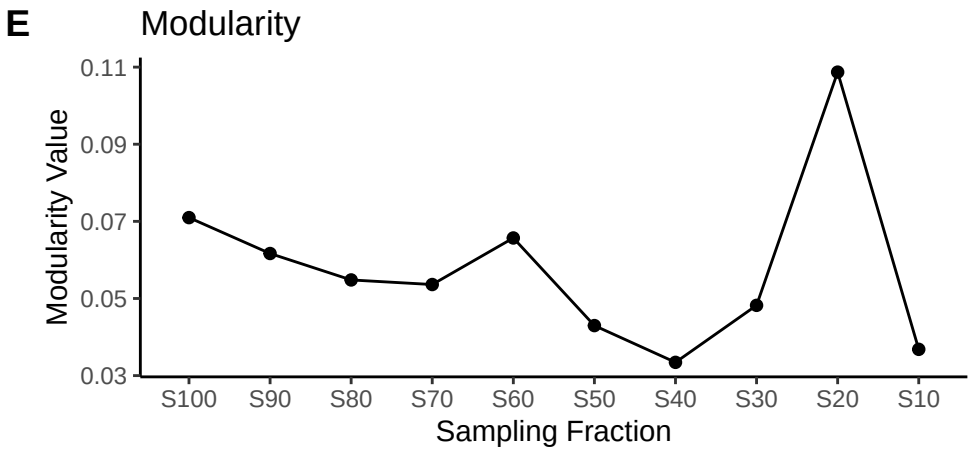
−280to−260_network_49



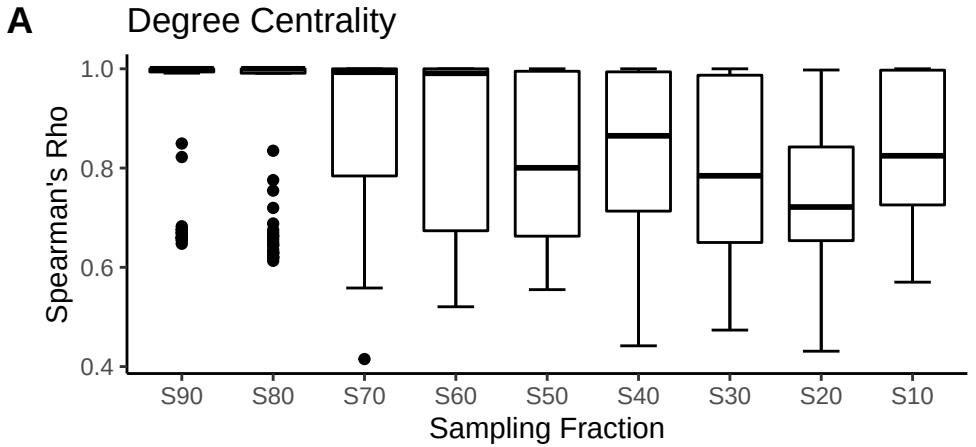


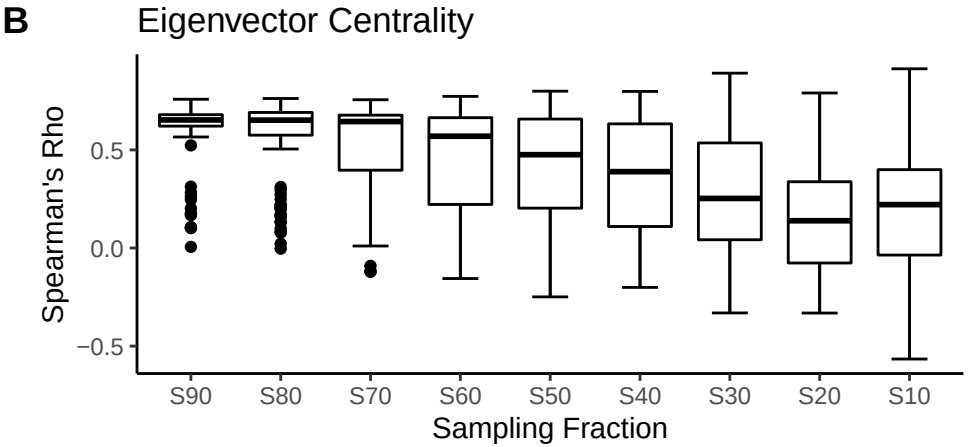


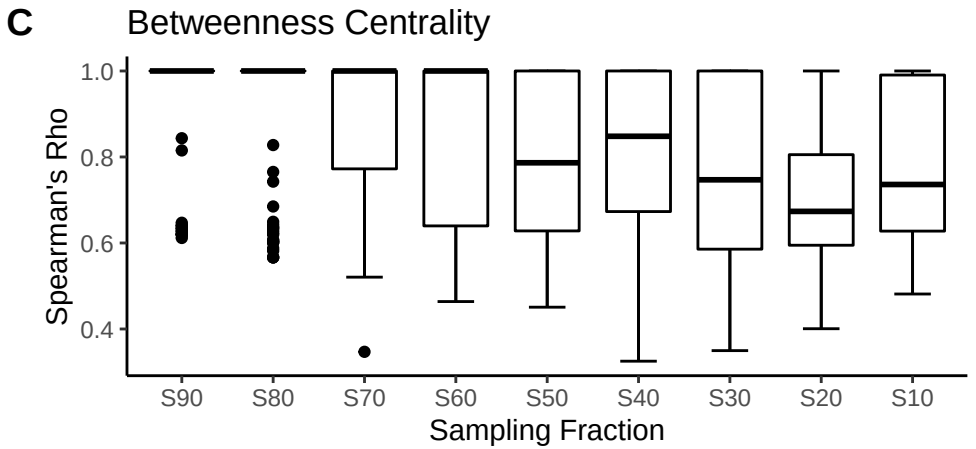


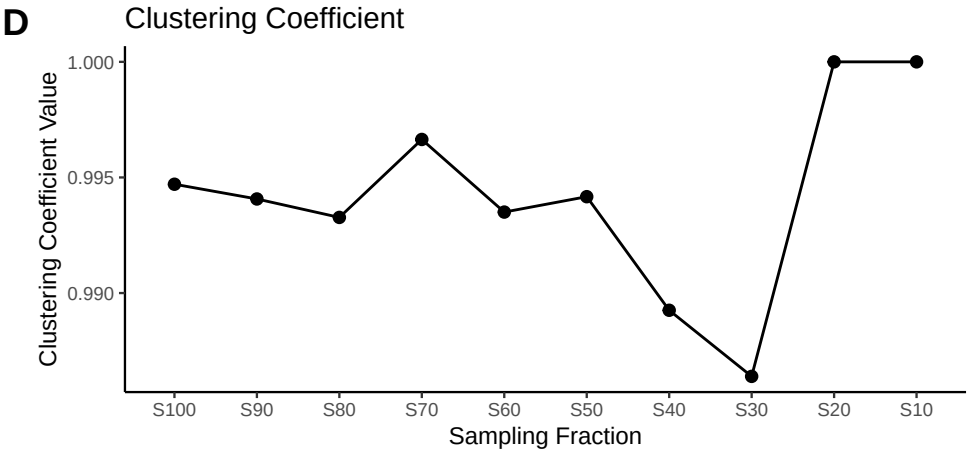


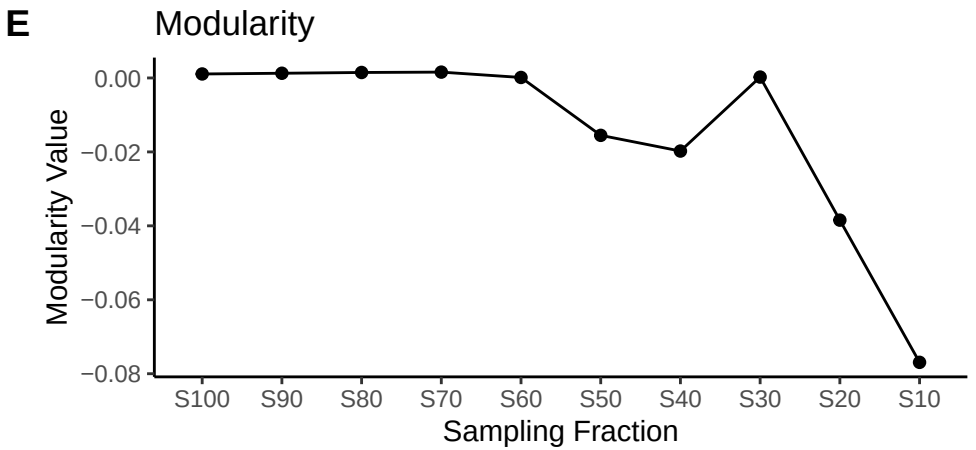
−260to−240_network_1



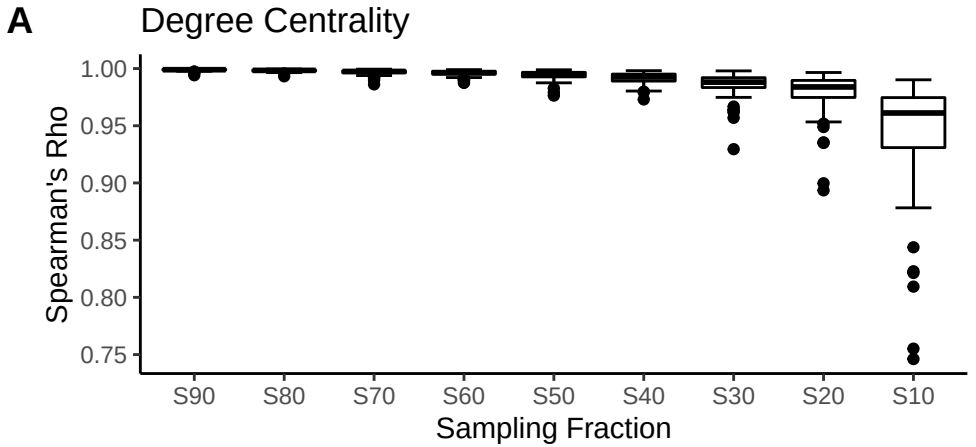


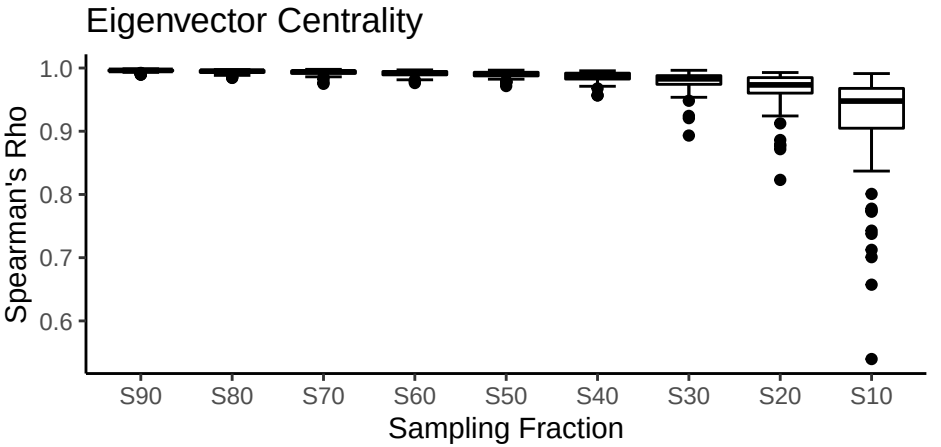


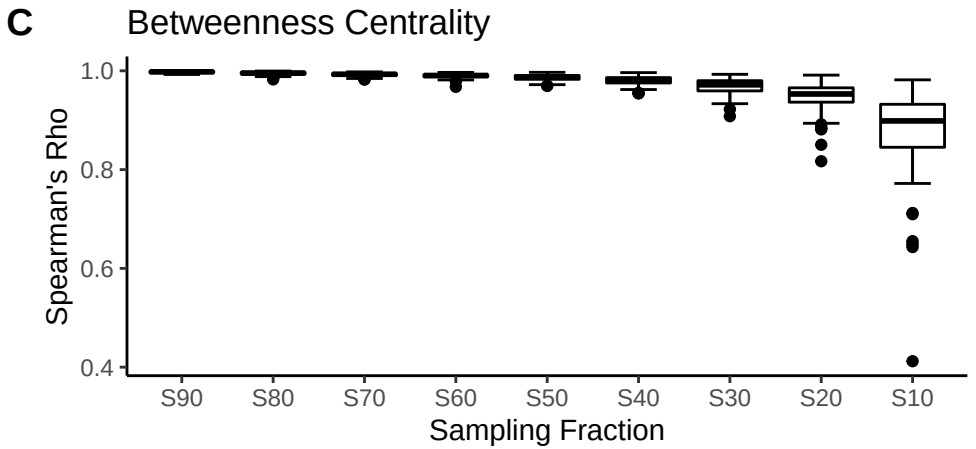


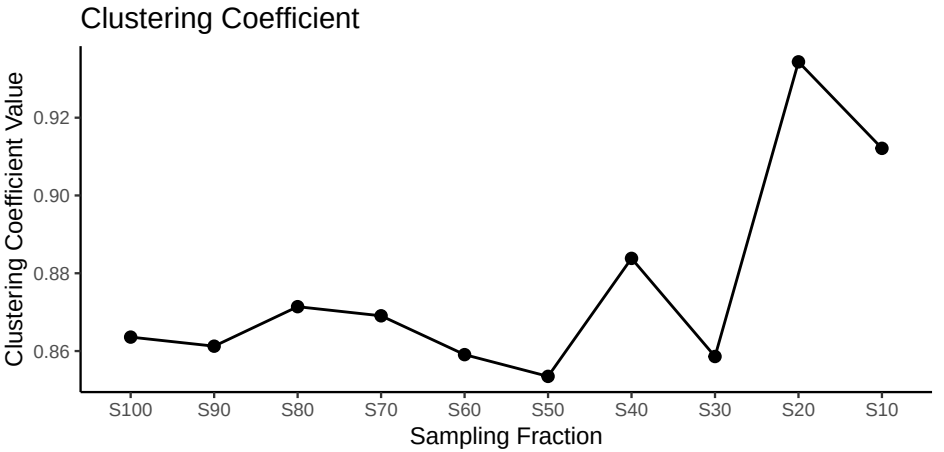


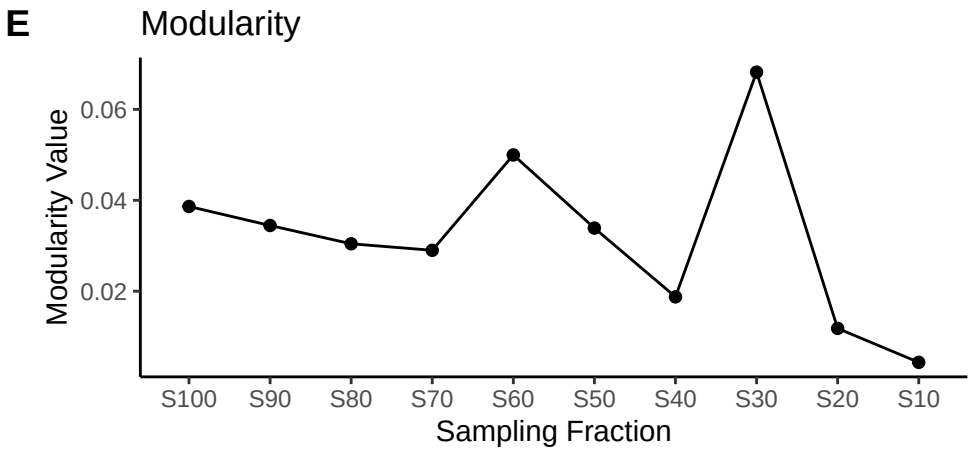
−260to−240_network_24



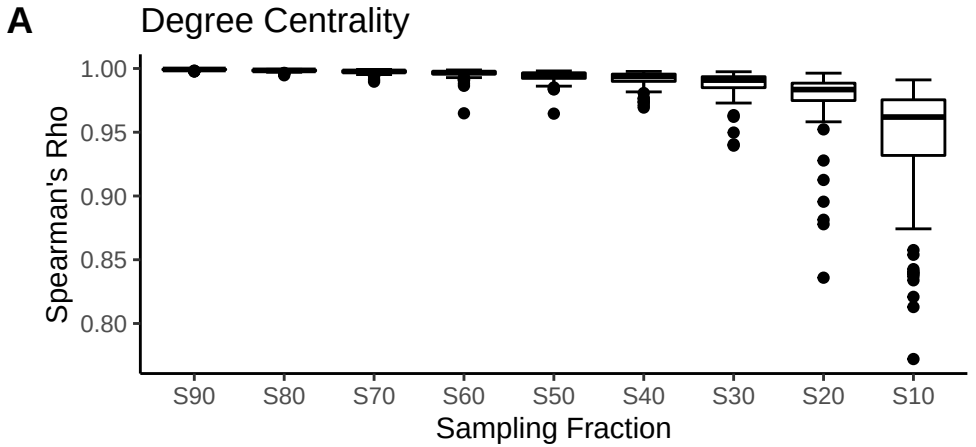


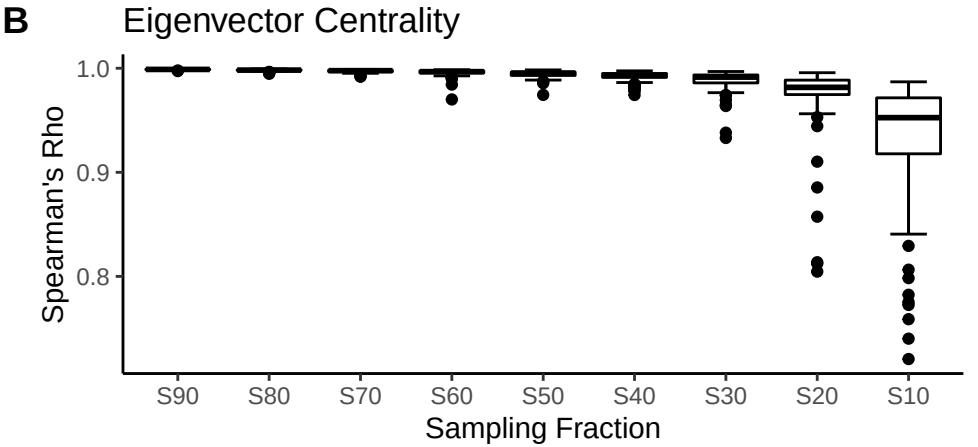


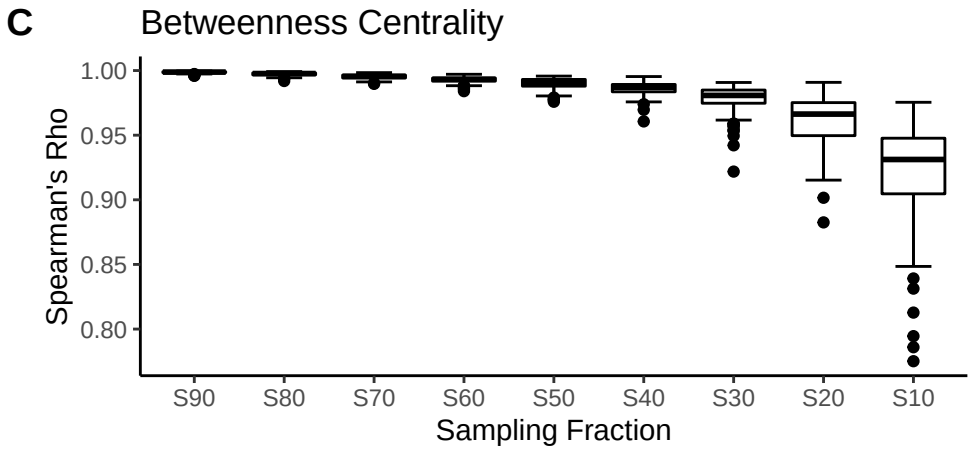


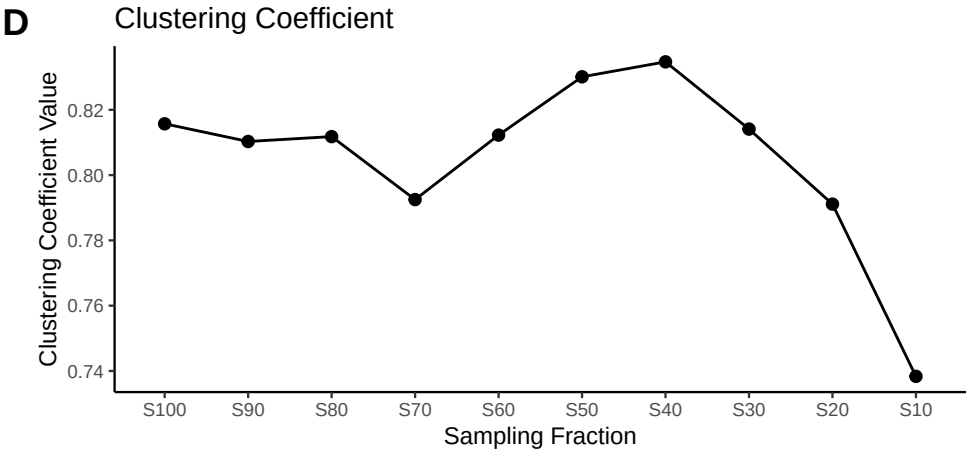


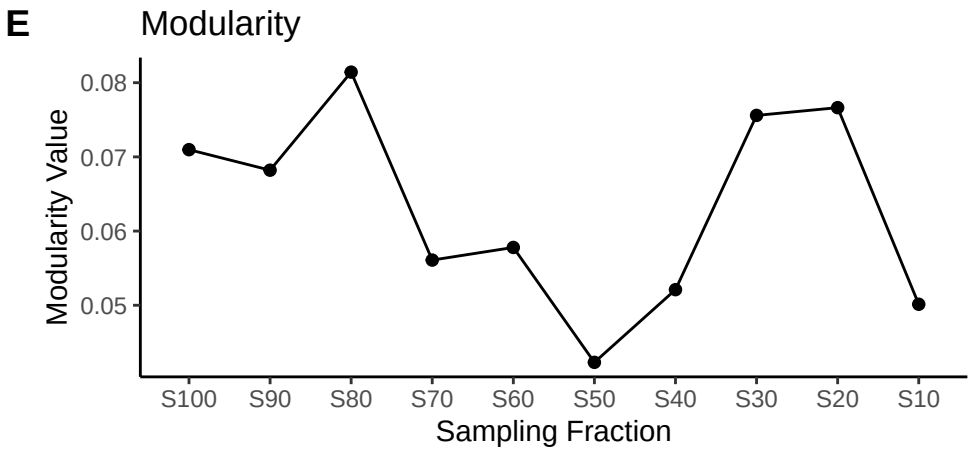
−260to−240_network_48



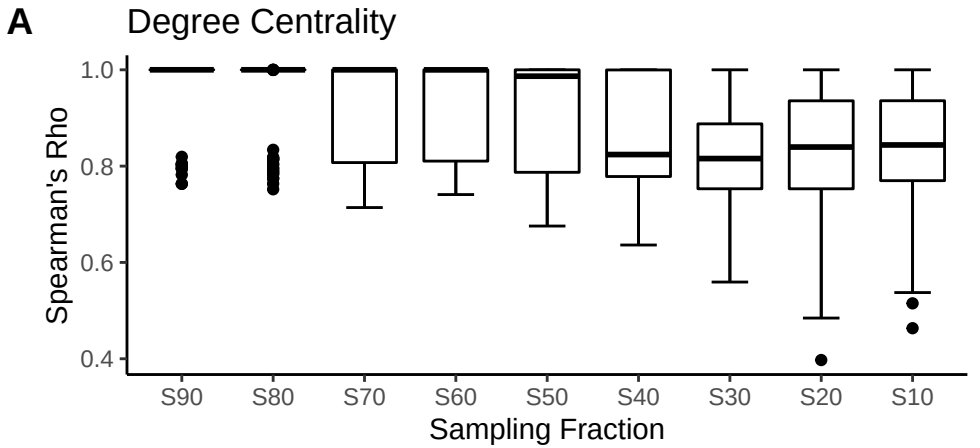


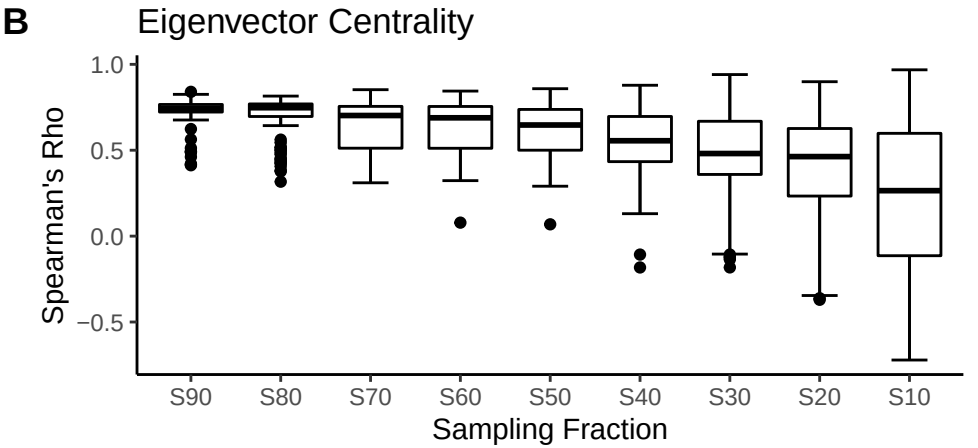


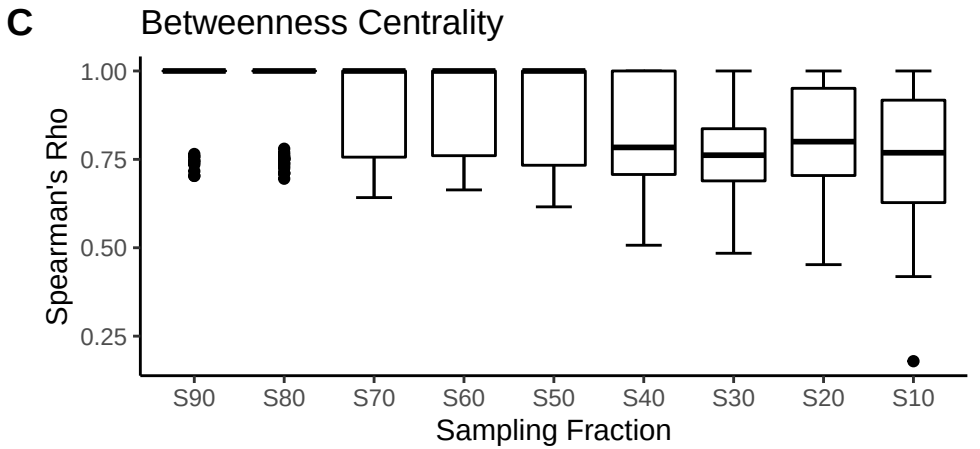


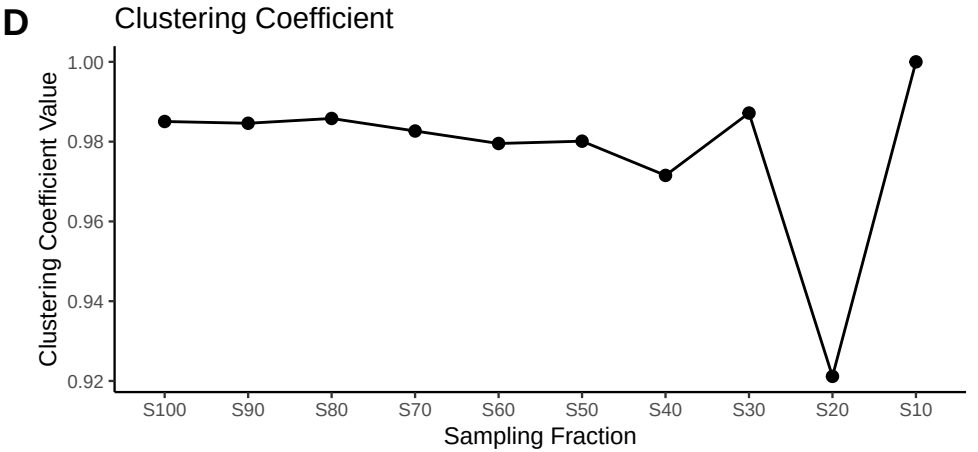


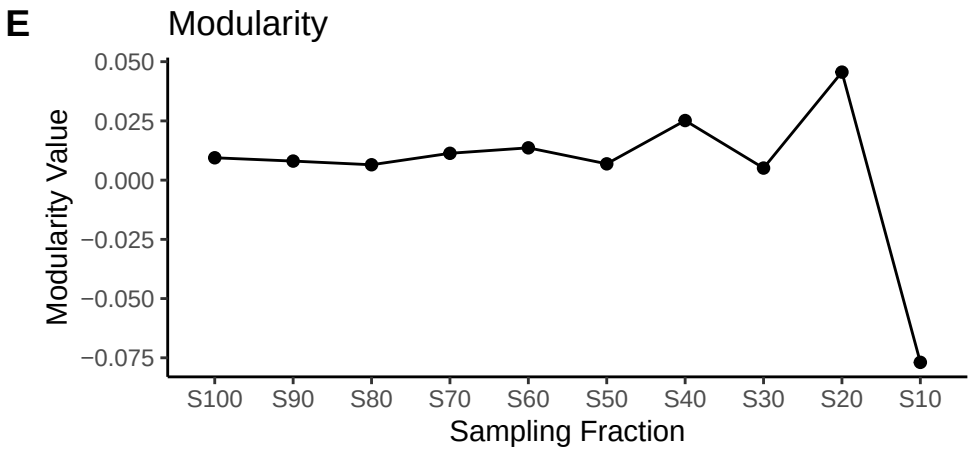
−240to−220_network_1



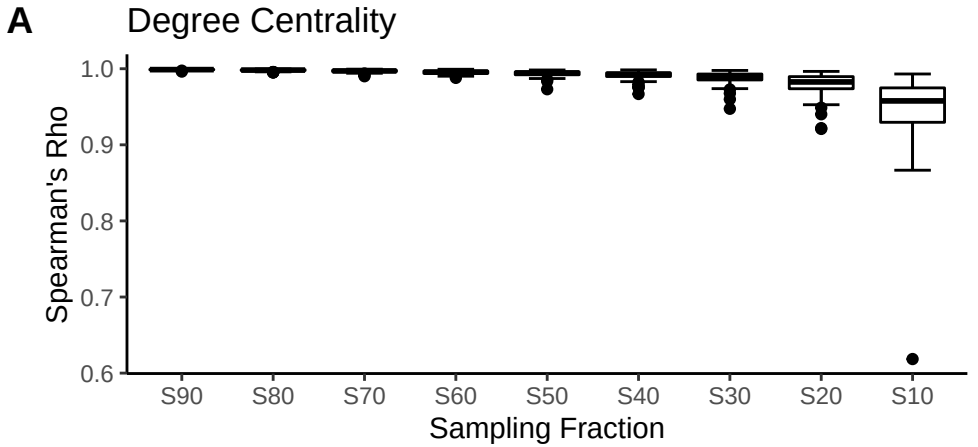


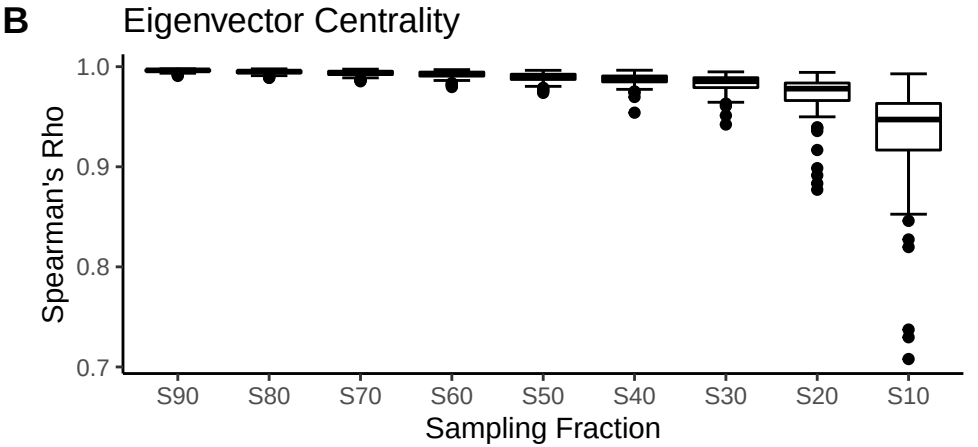


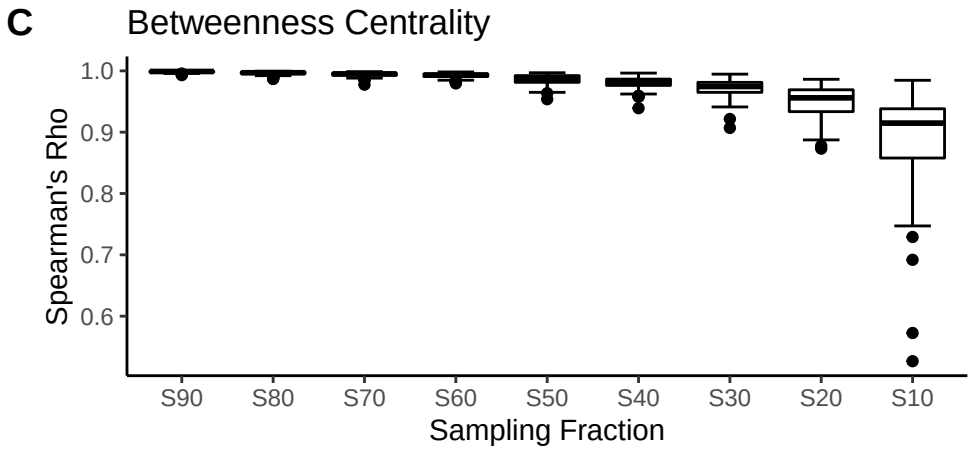


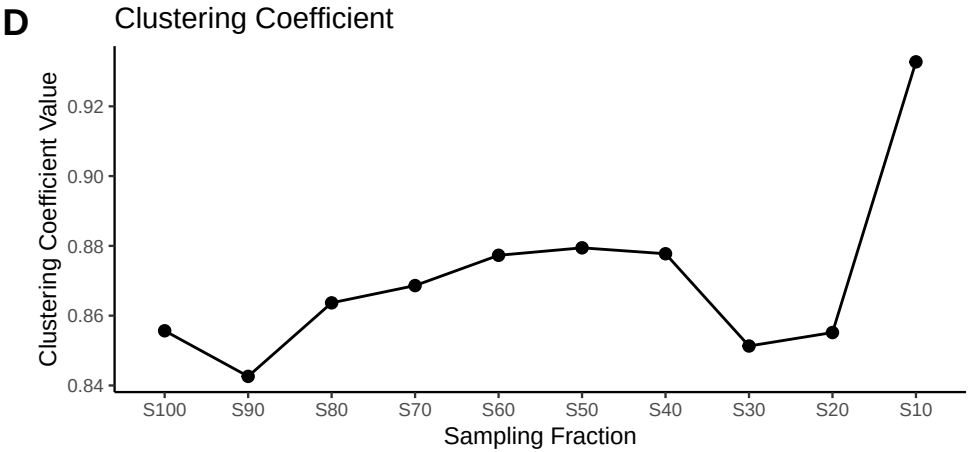


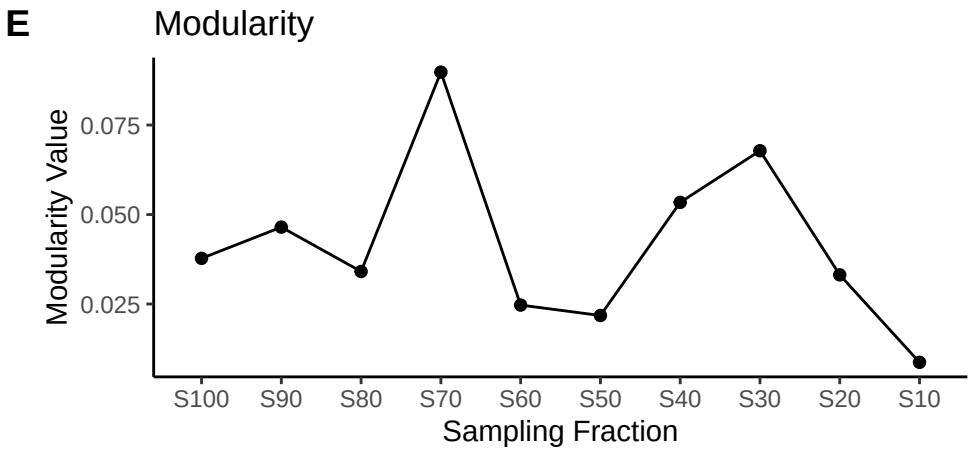
−240to−220_network_24



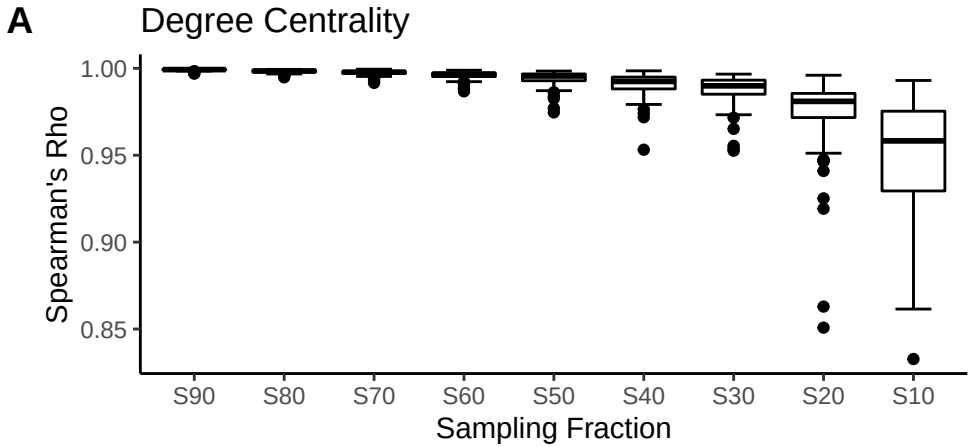


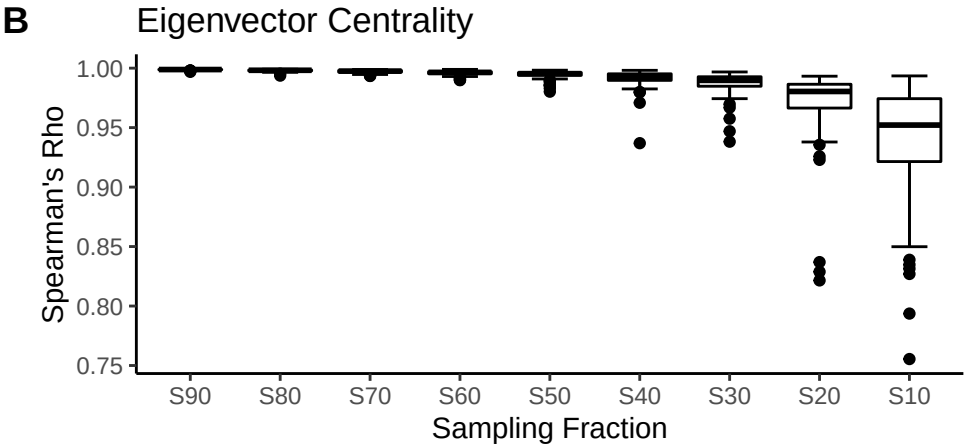


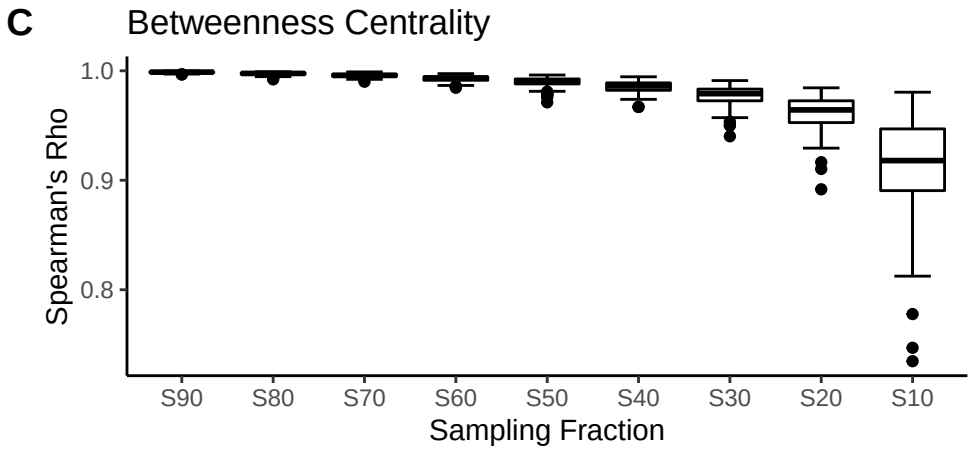


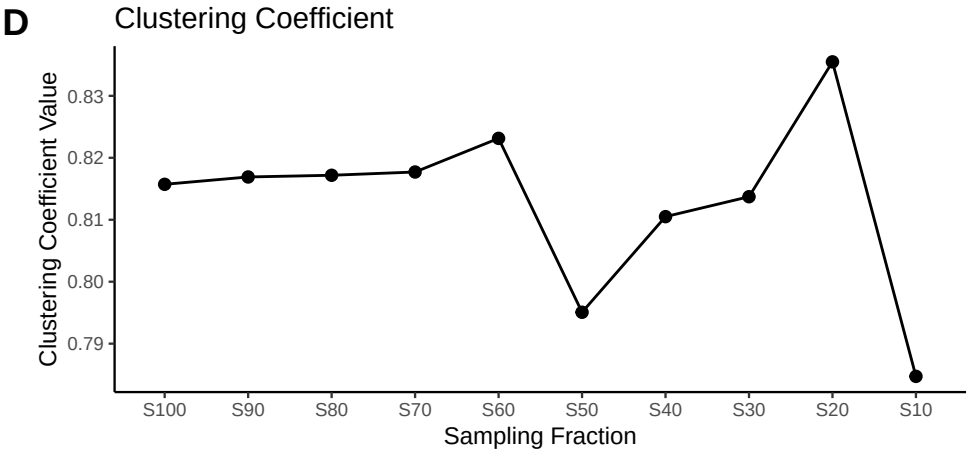


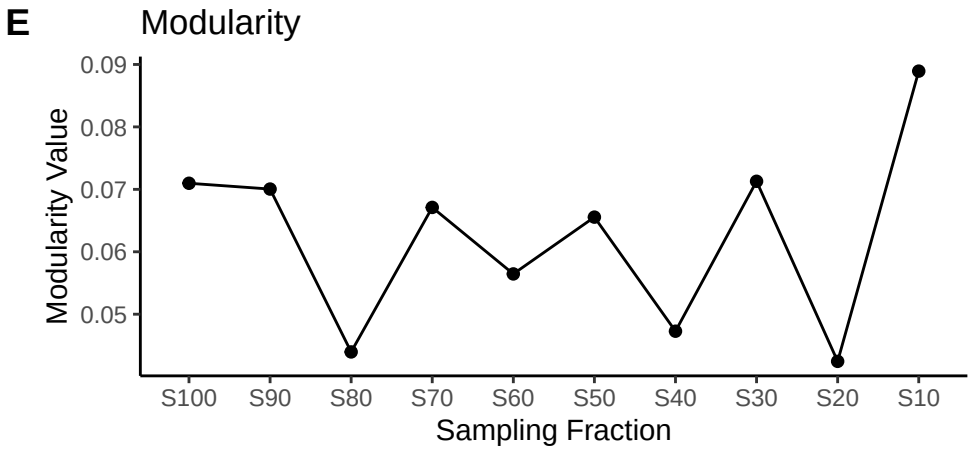
−240to−220_network_47



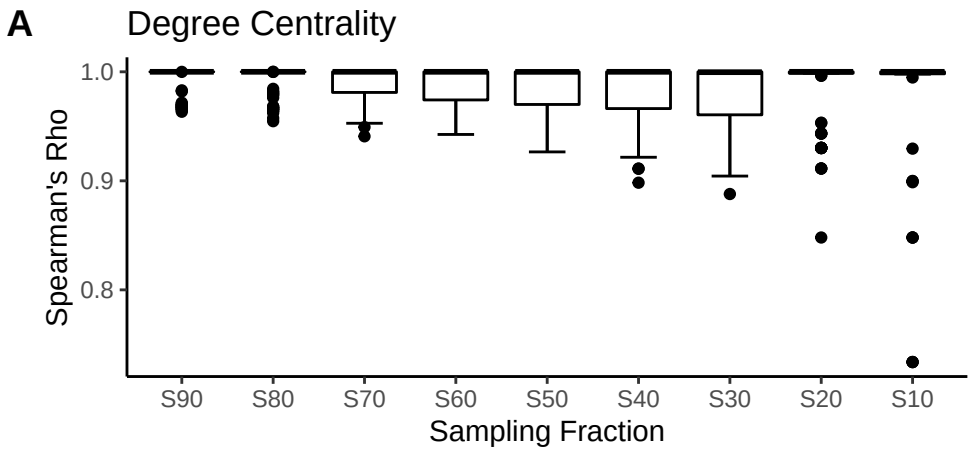


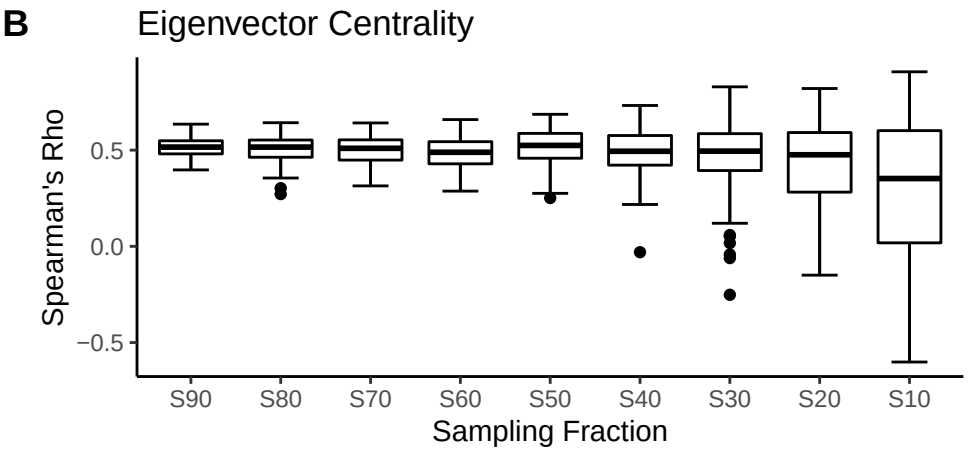


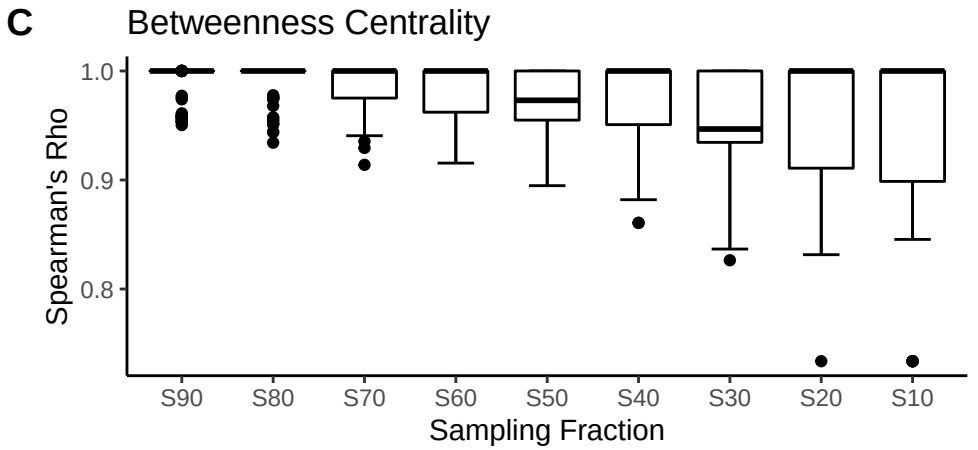


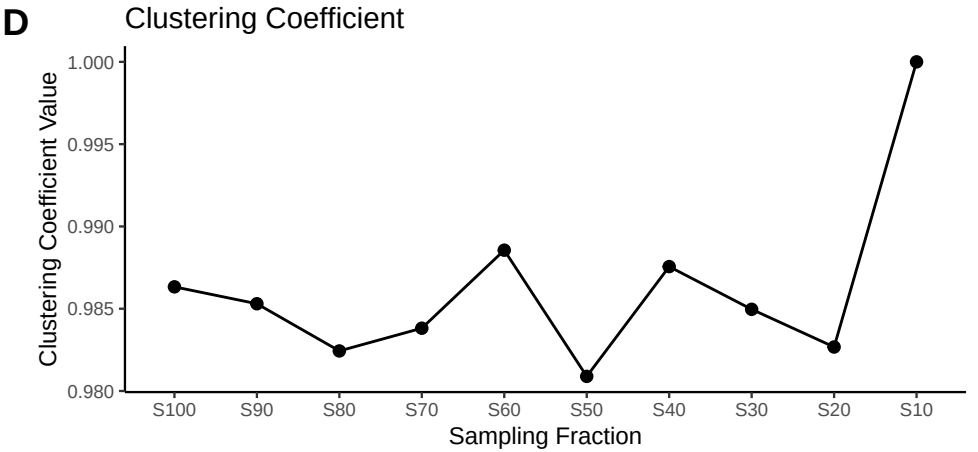


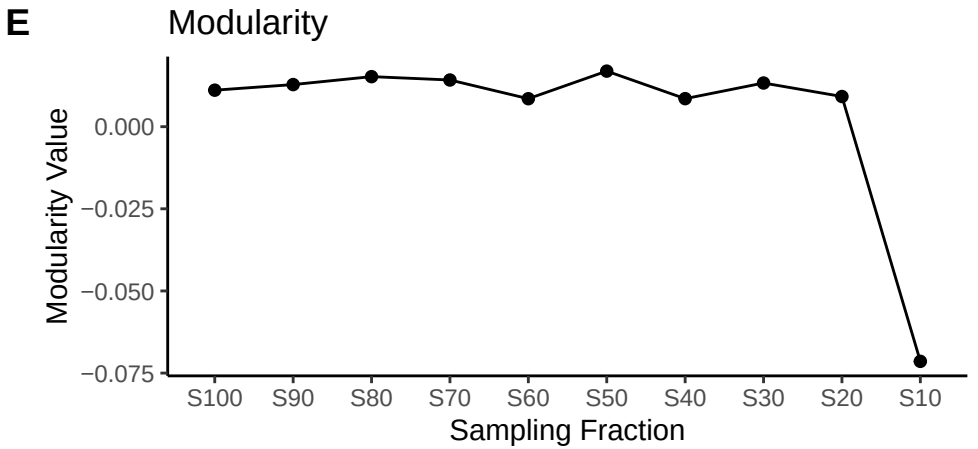
−220to−200_network_1



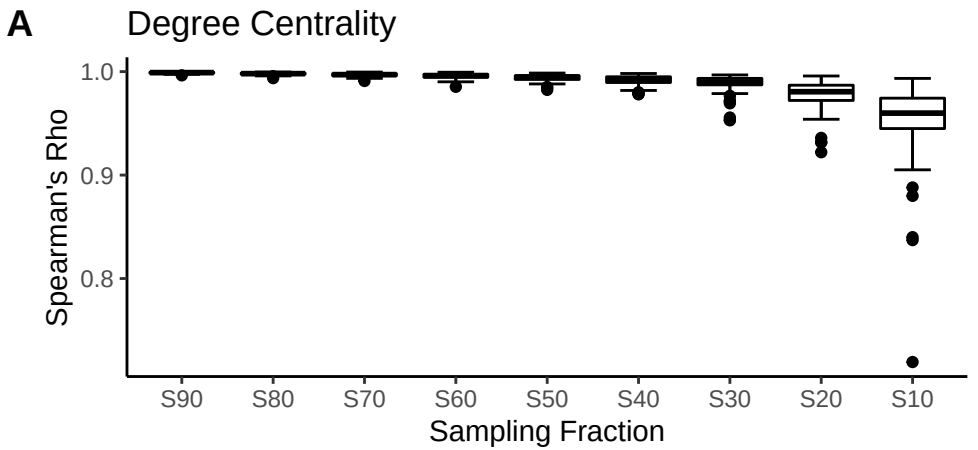


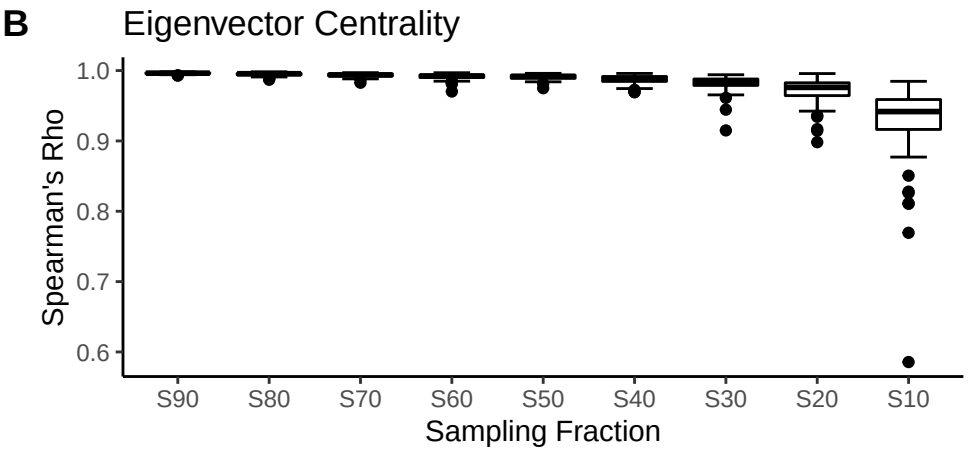


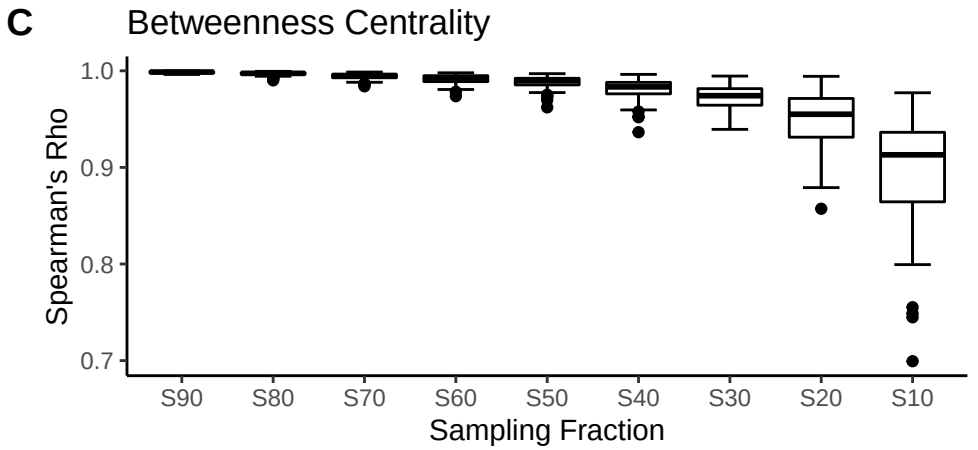


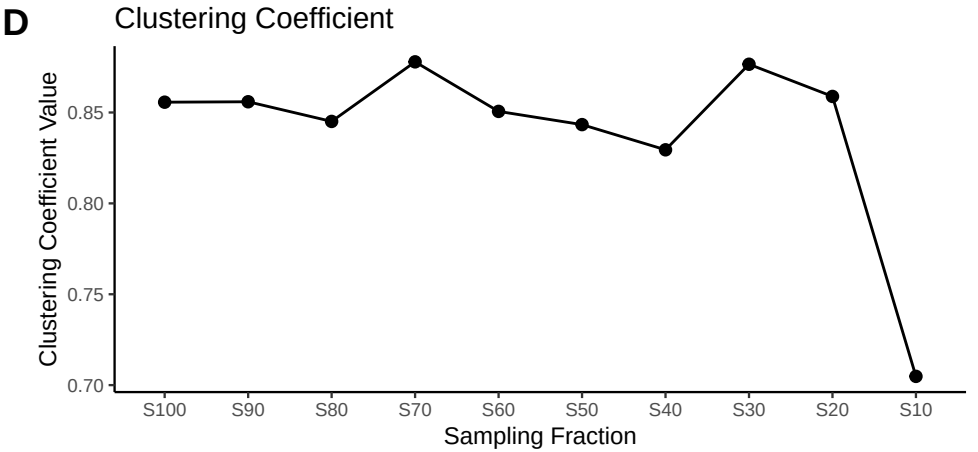


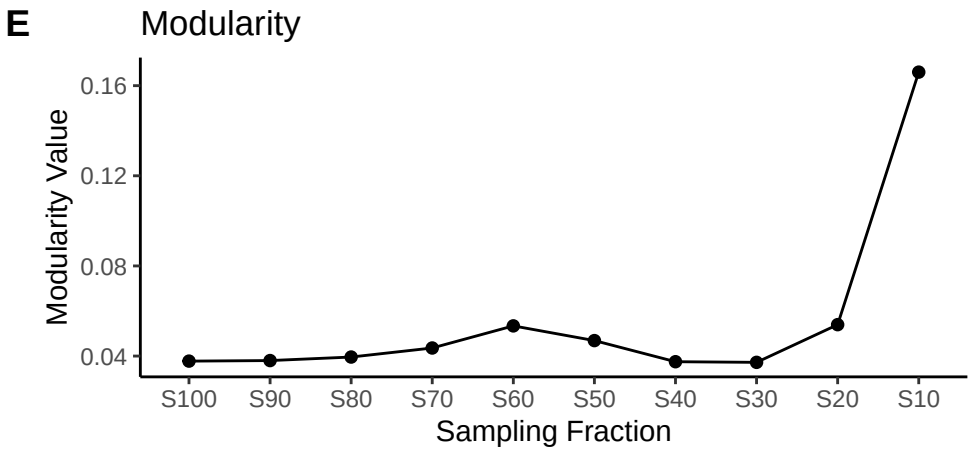
−220to−200_network_23



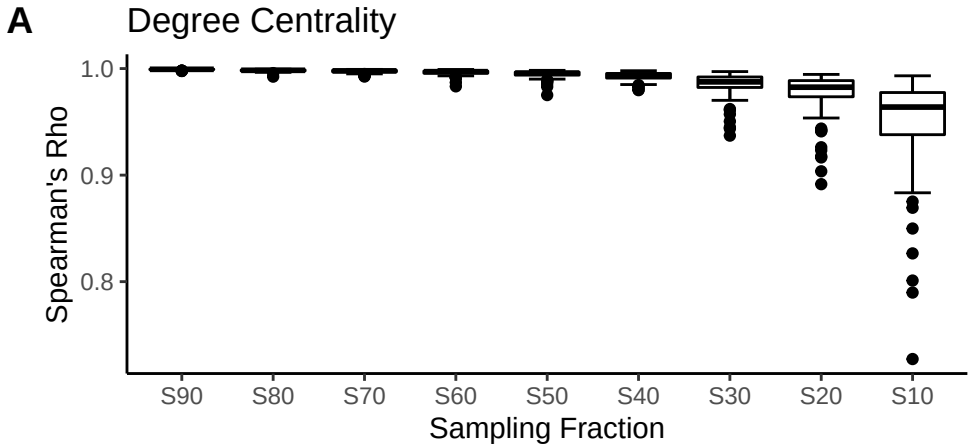


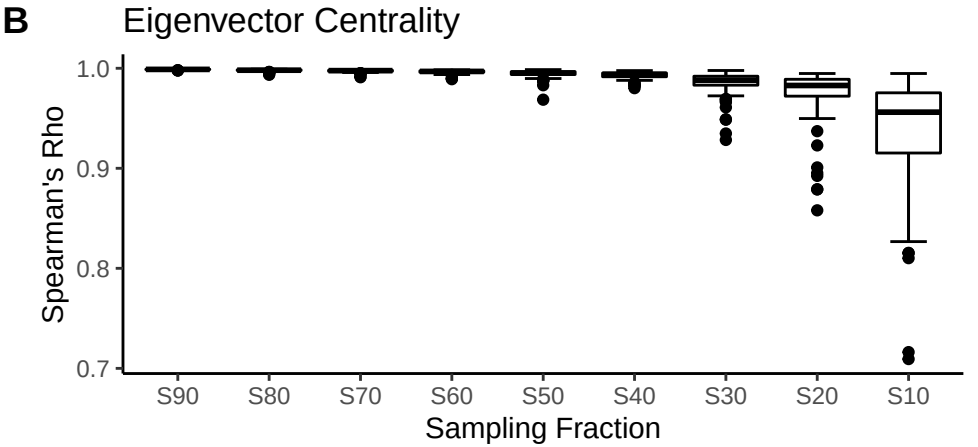


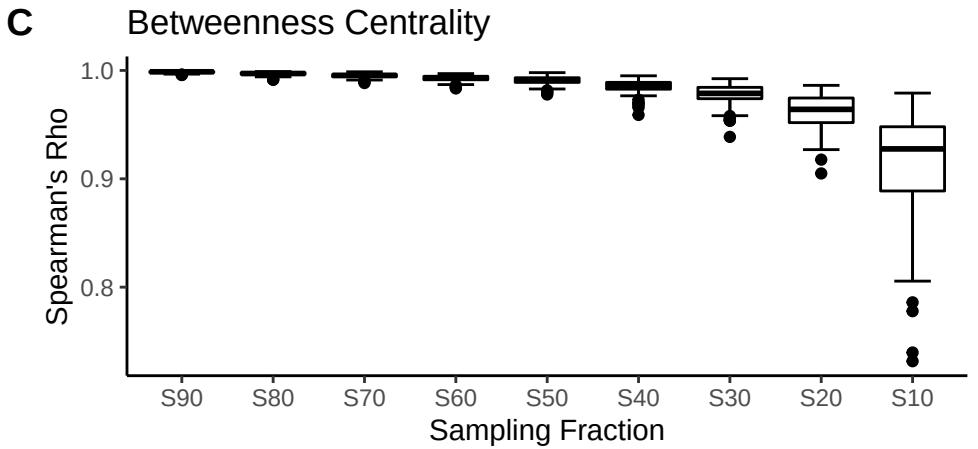


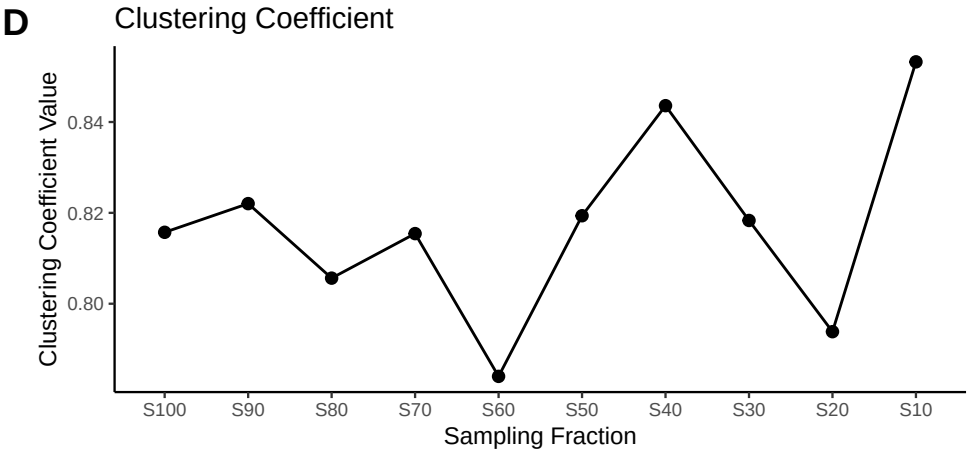


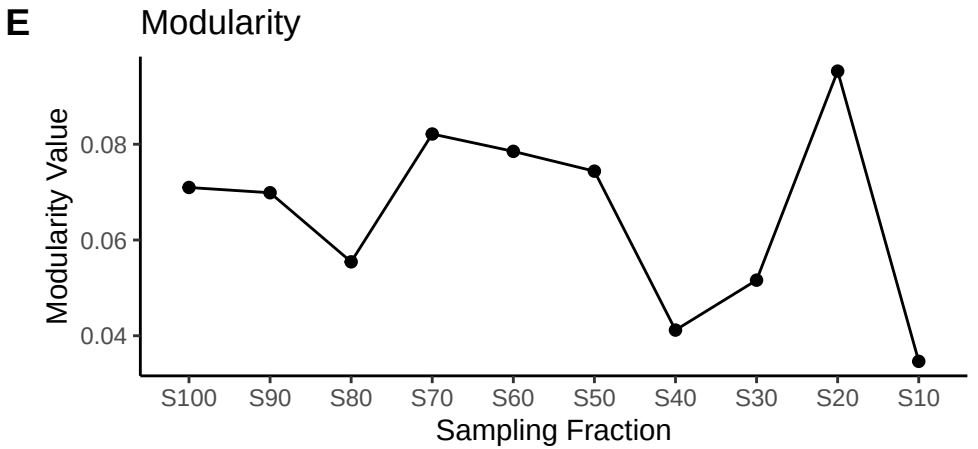
−220to−200_network_46



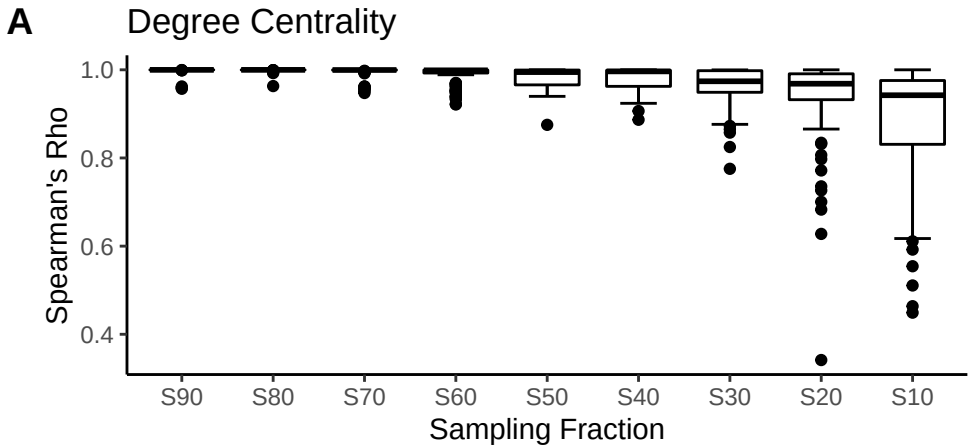


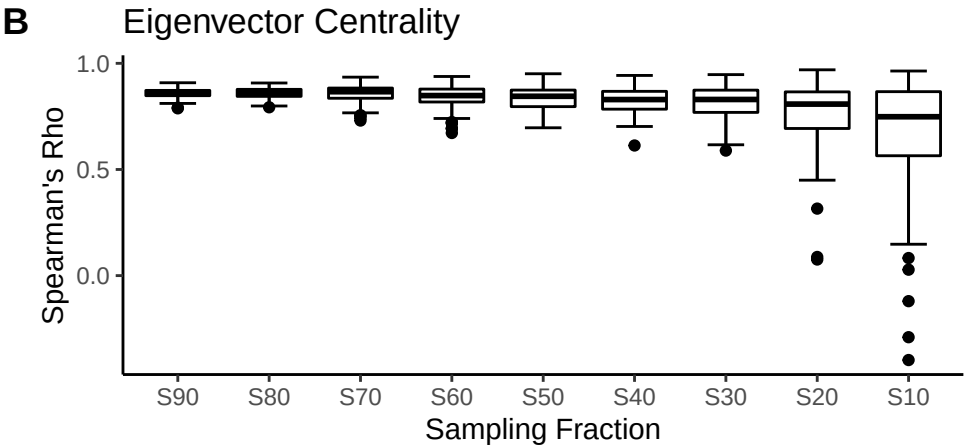


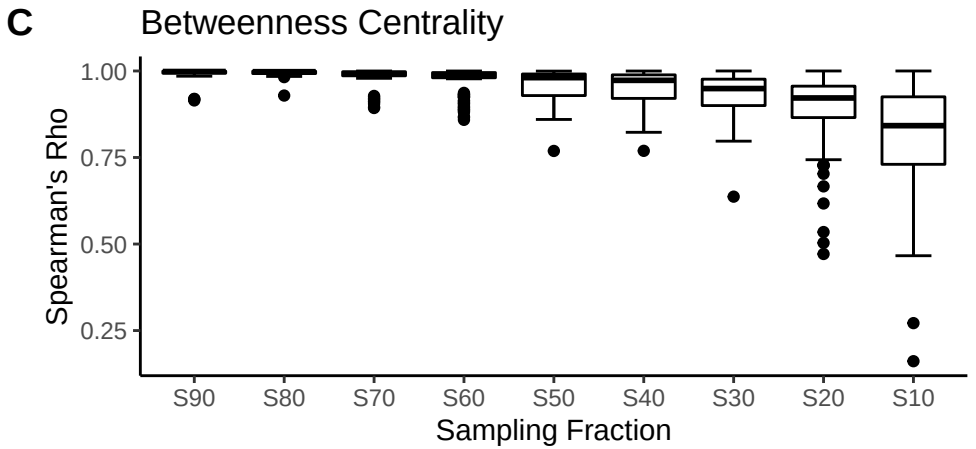


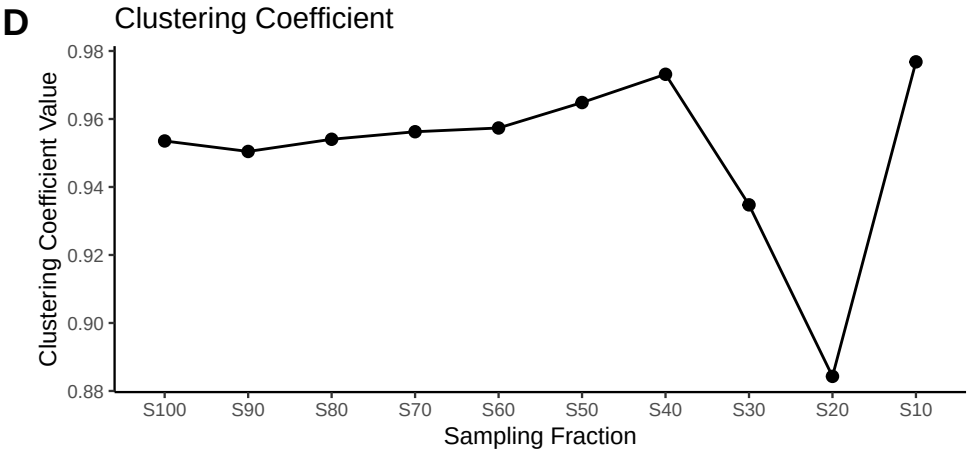


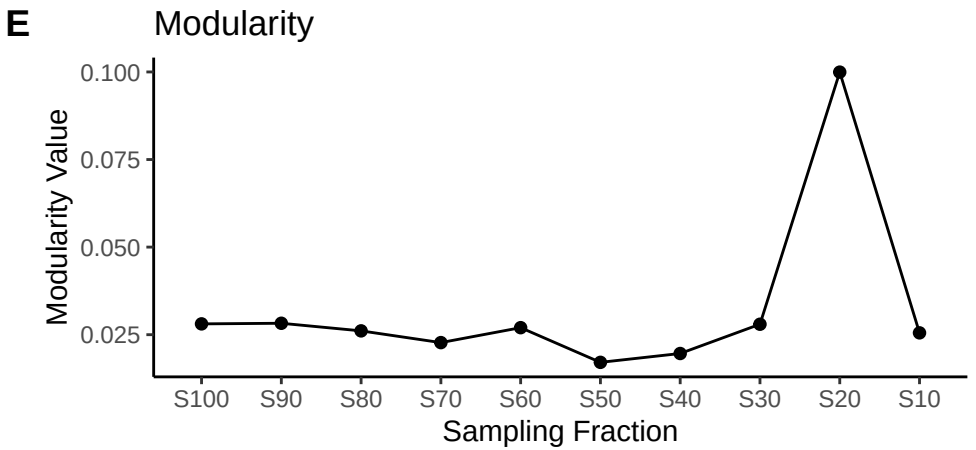
−200to−180_network_1



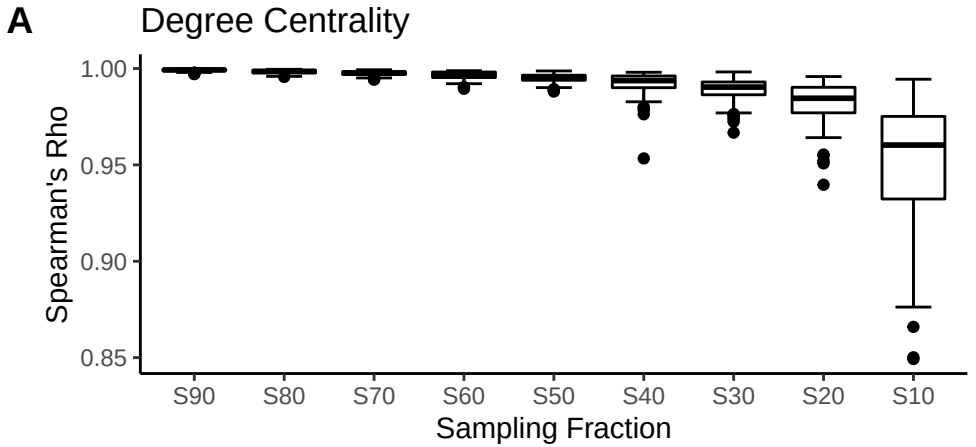


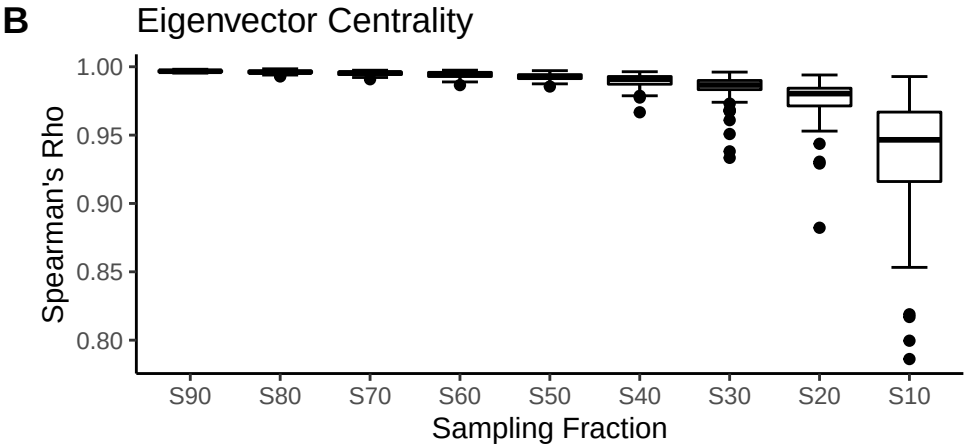


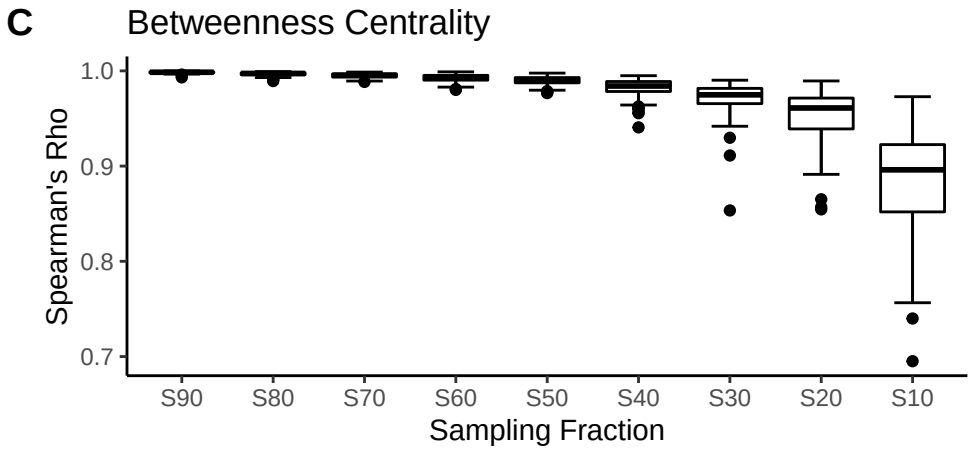


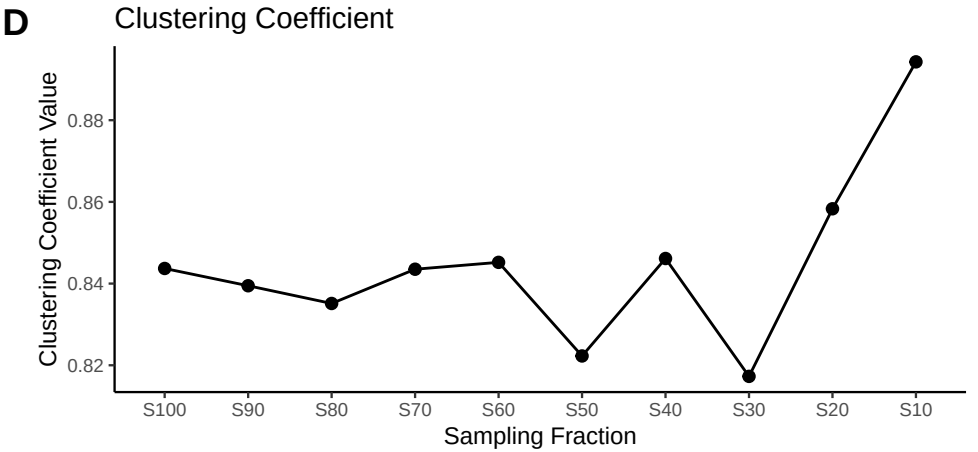


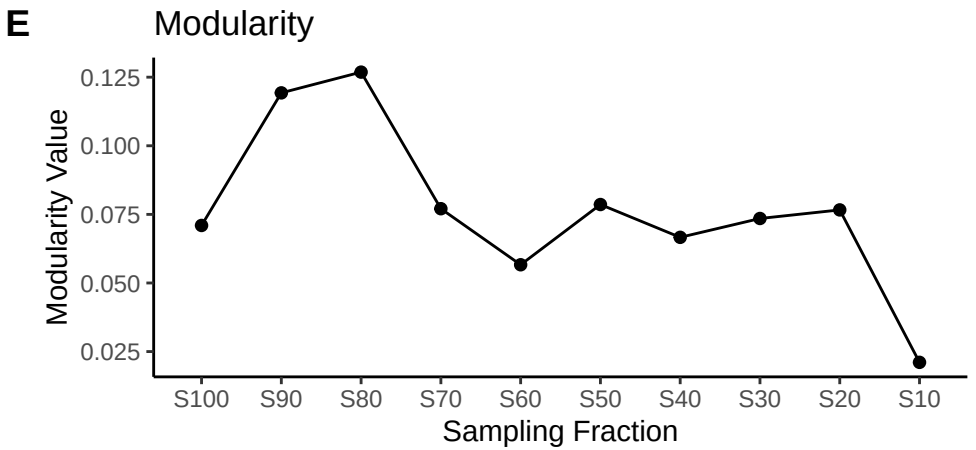
−200to−180_network_23



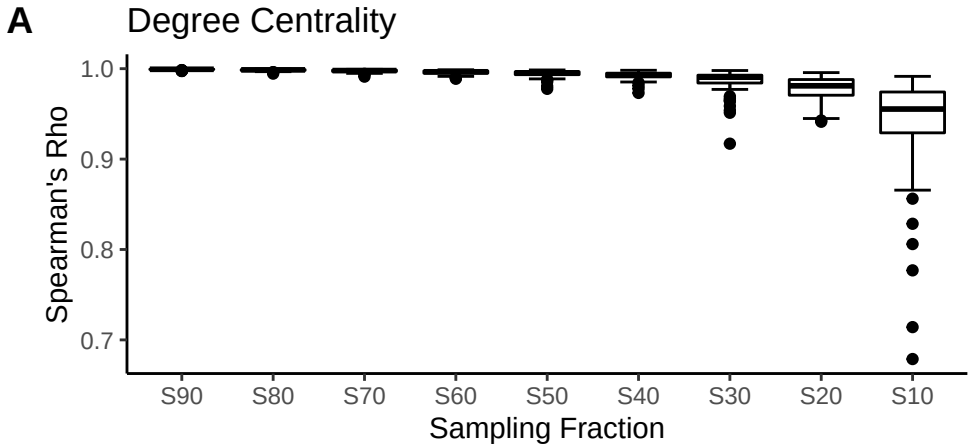


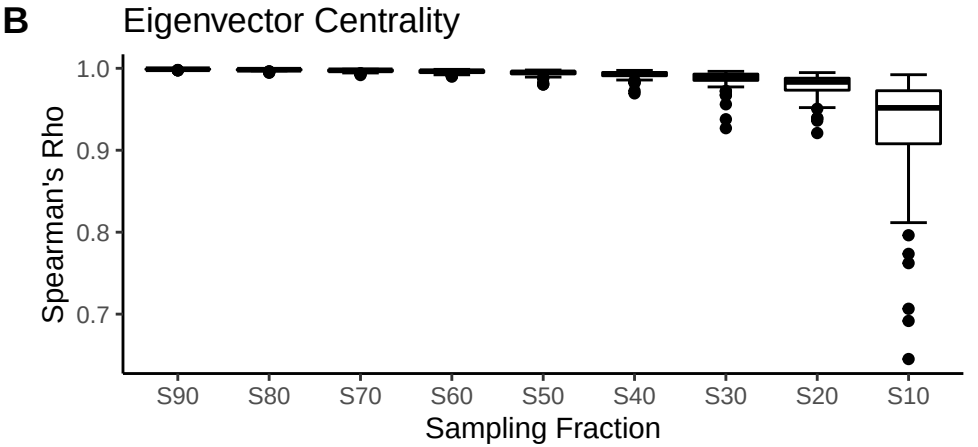


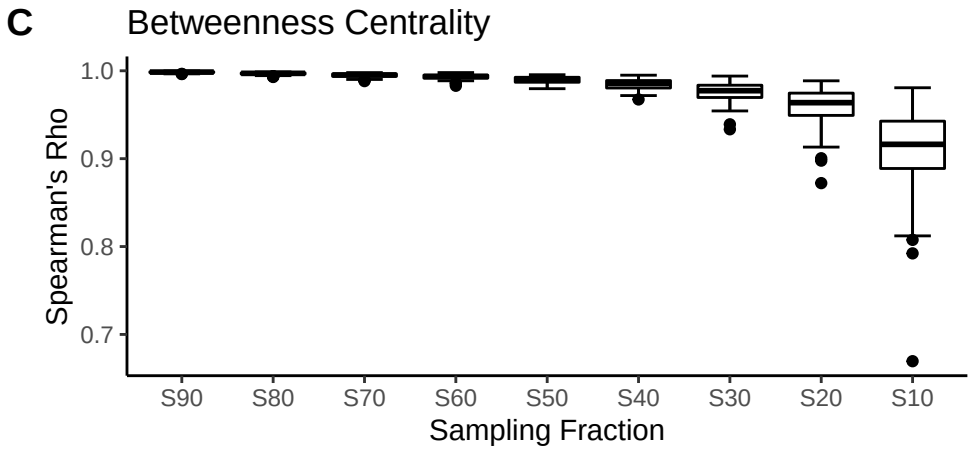


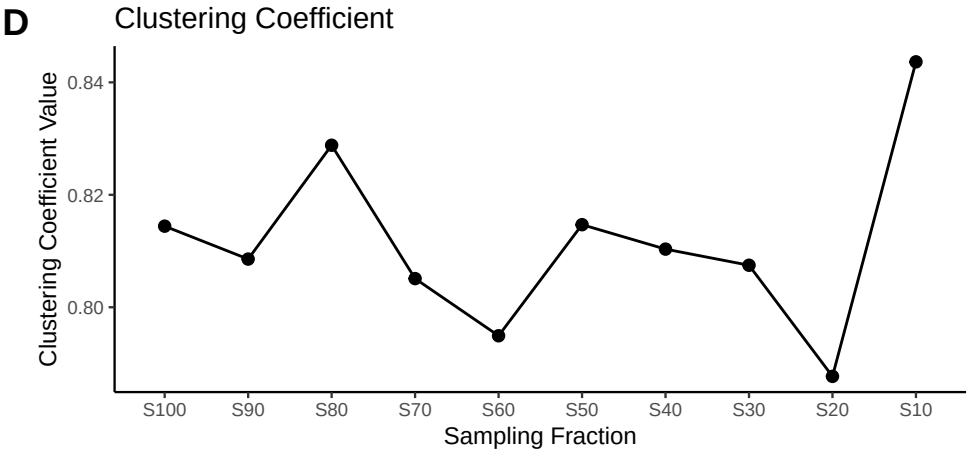


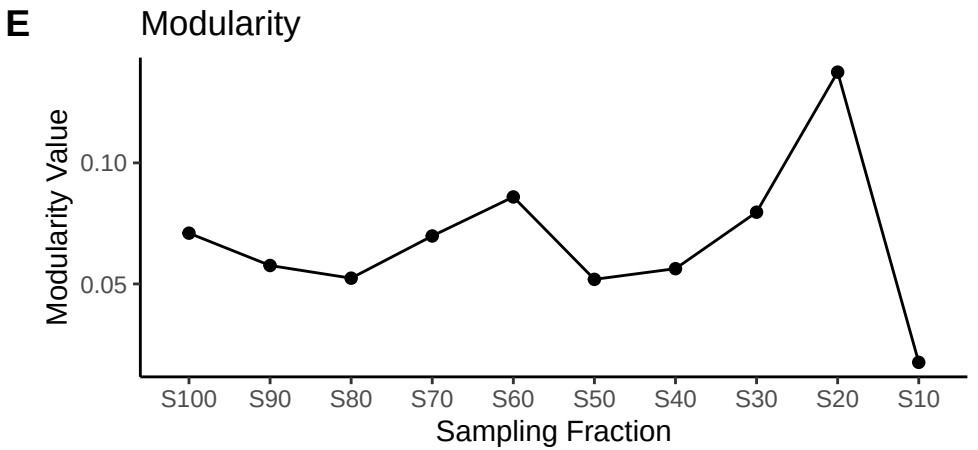
−200to−180_network_45



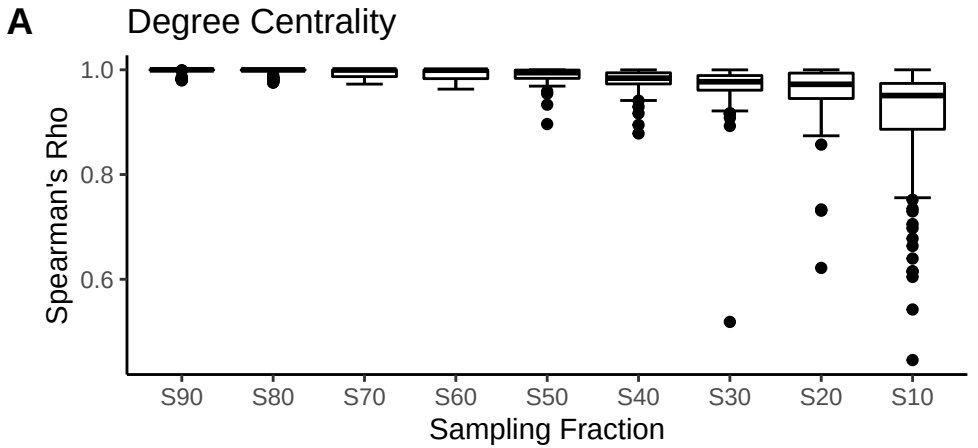


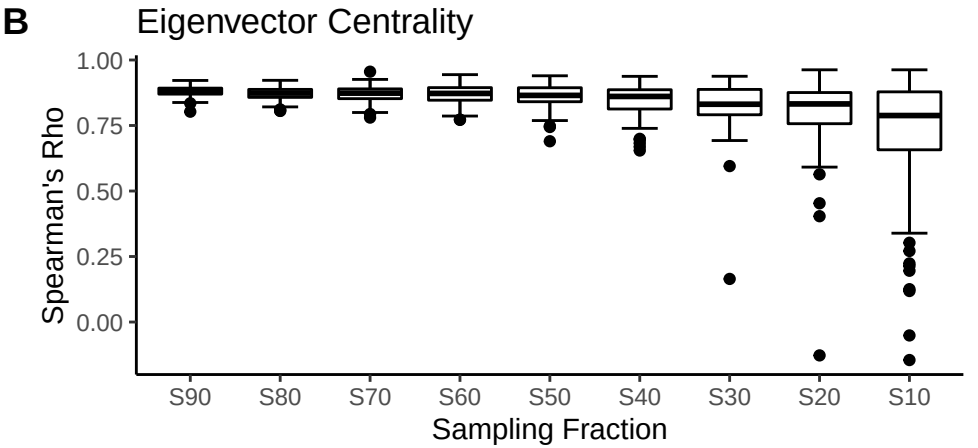


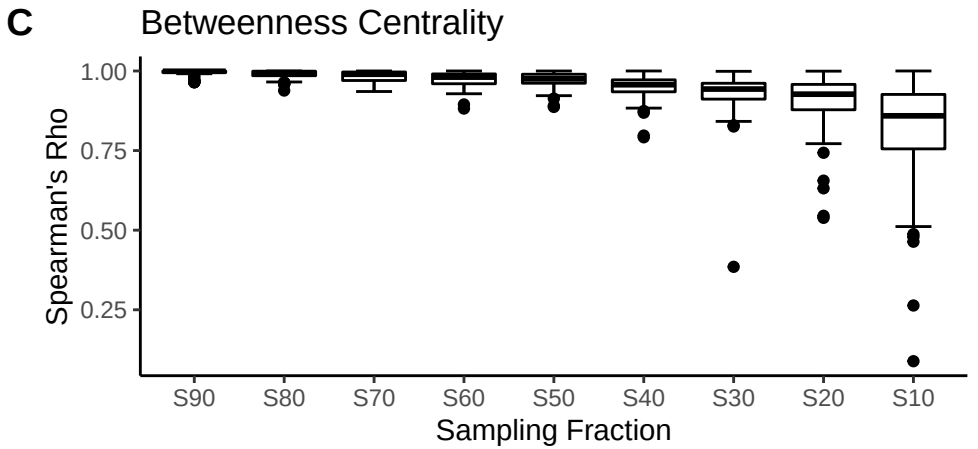


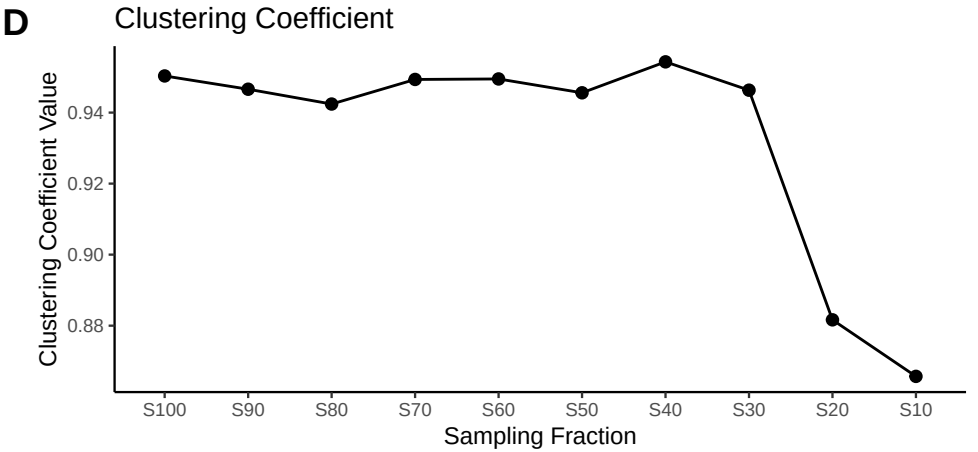


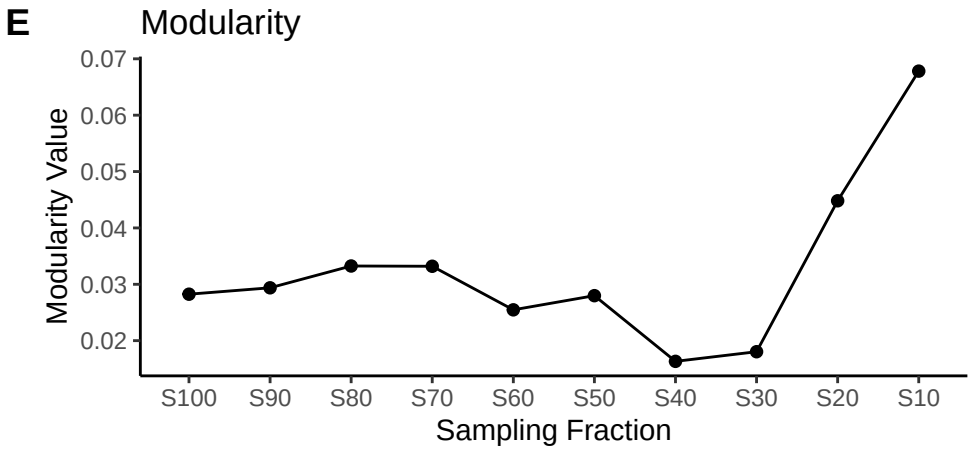
−180to−160_network_1



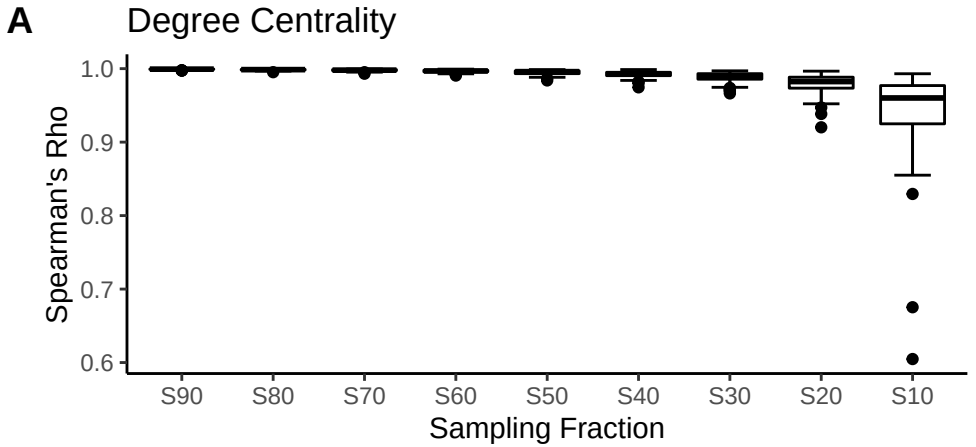


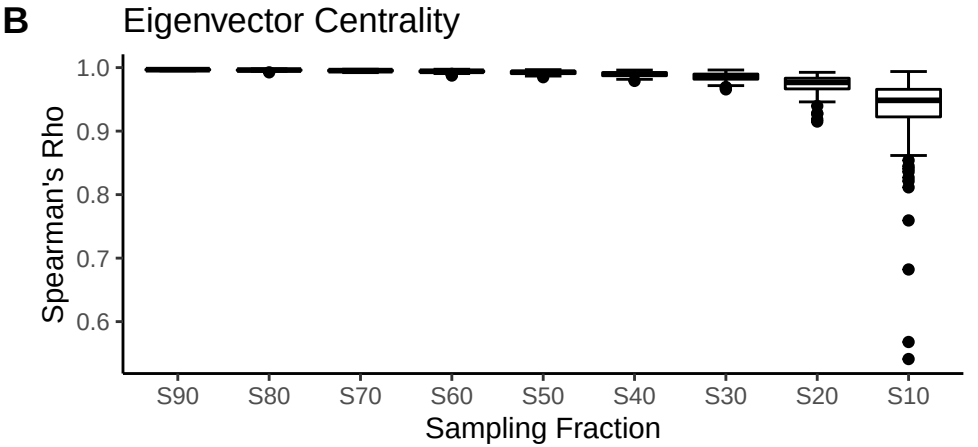


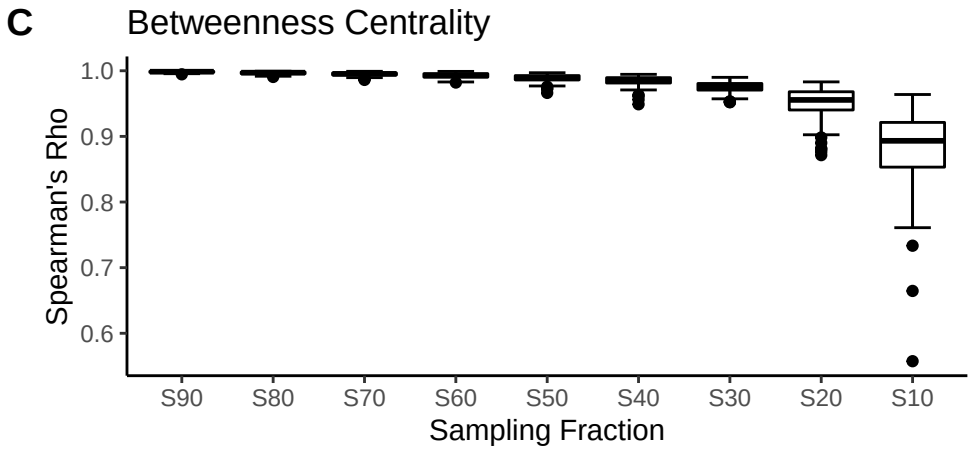


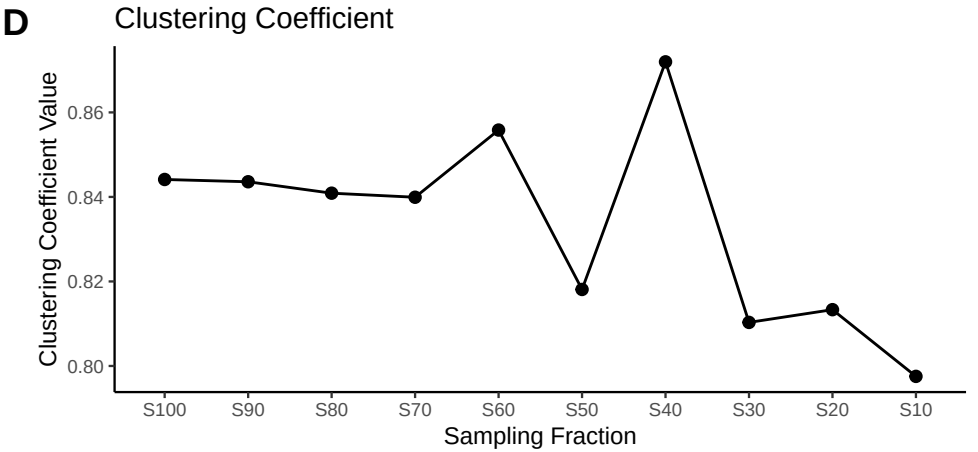


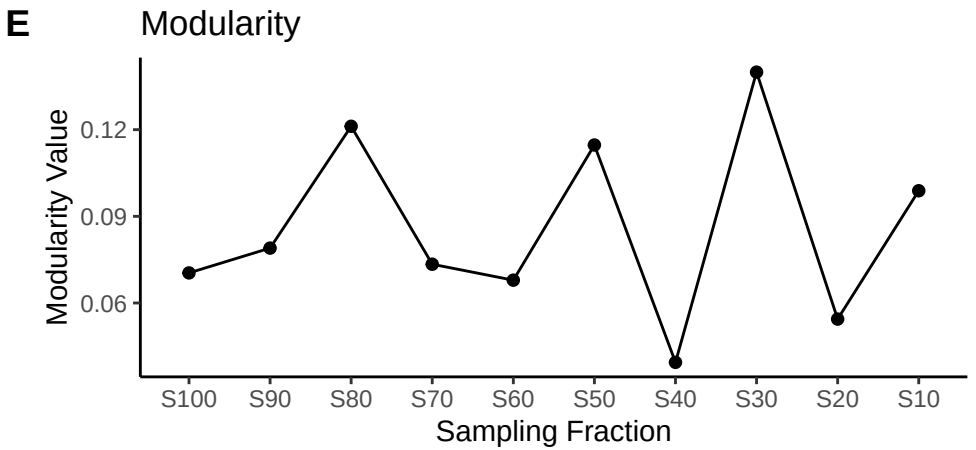
−180to−160_network_22



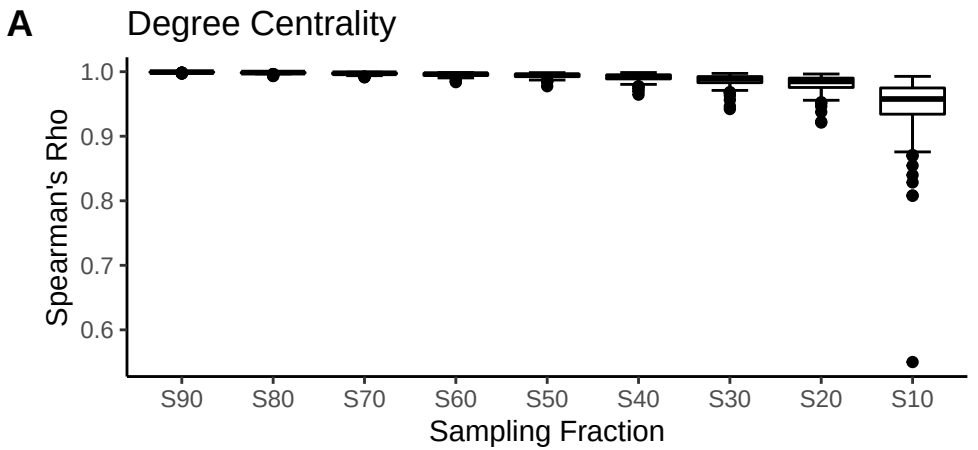


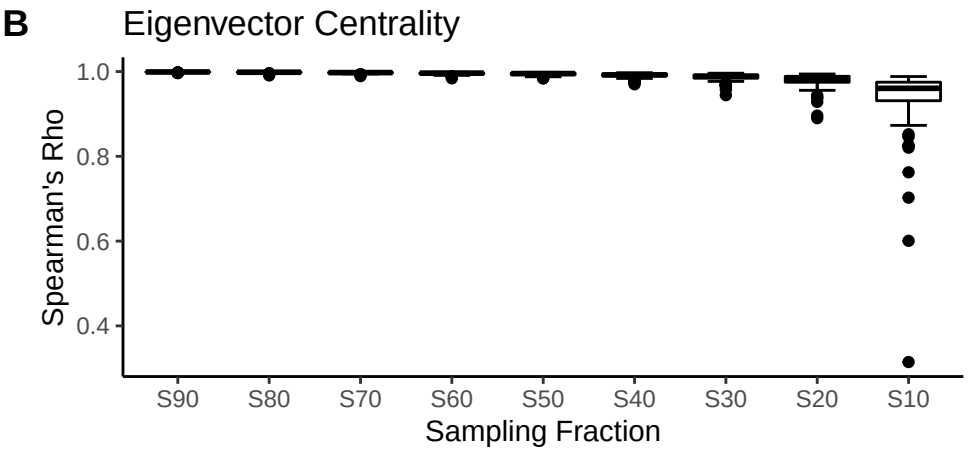


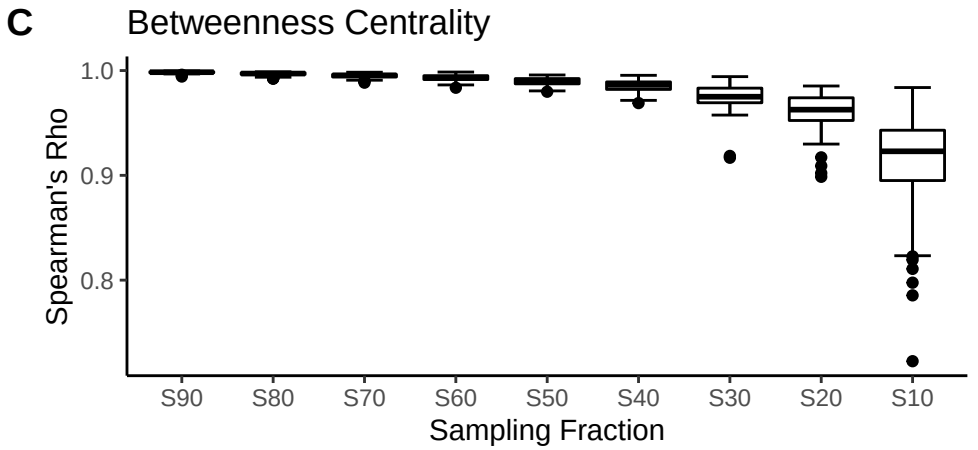


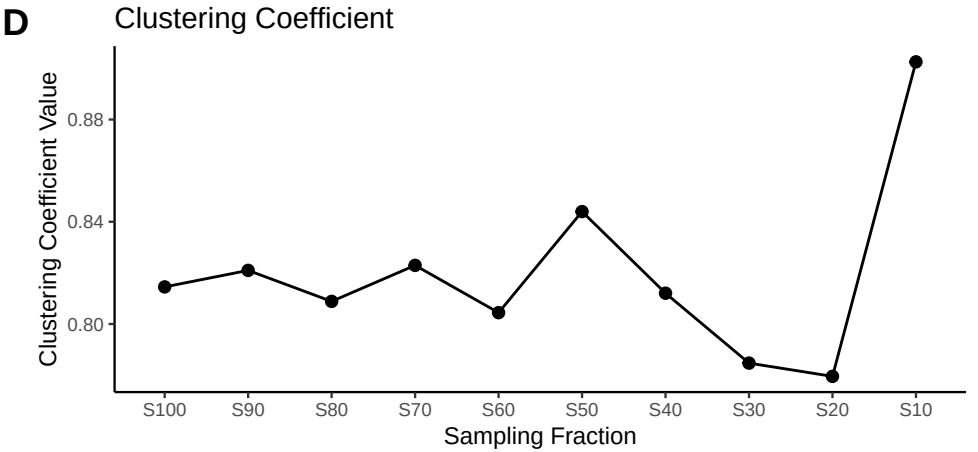


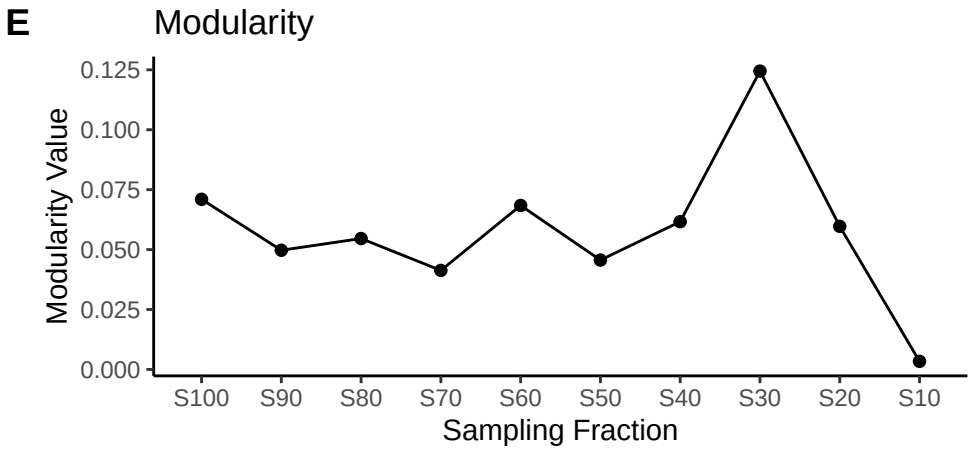
−180to−160_network_44



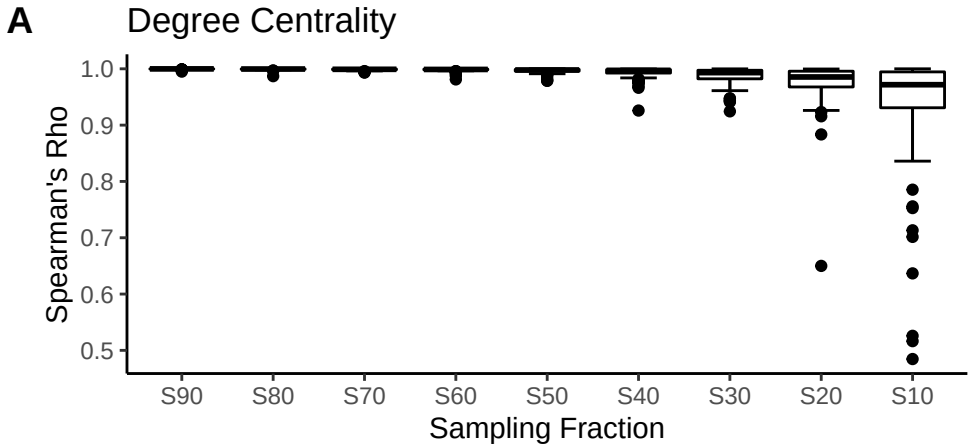


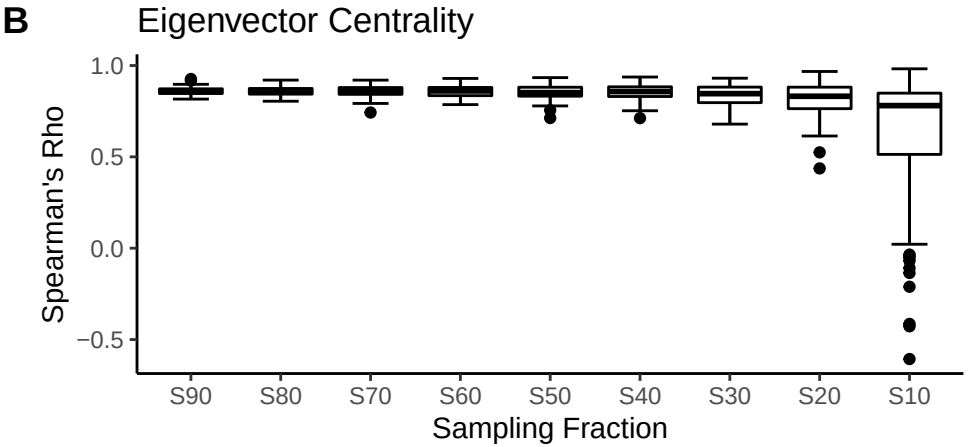


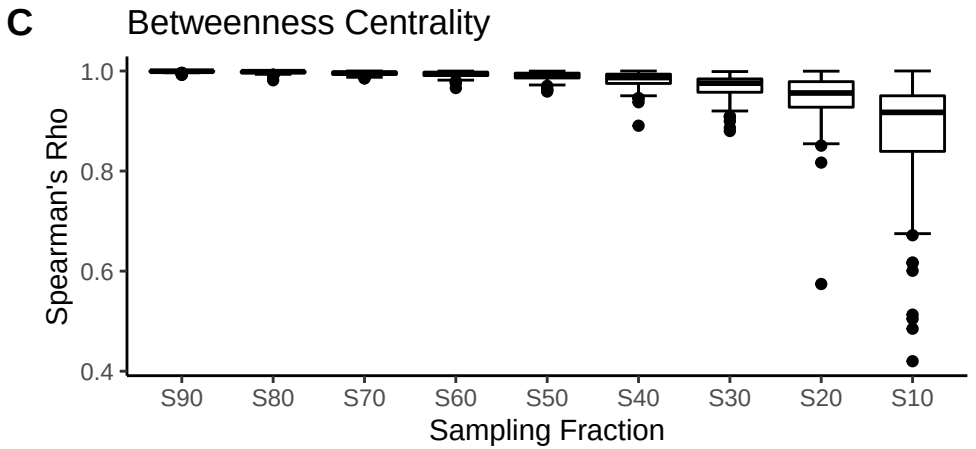


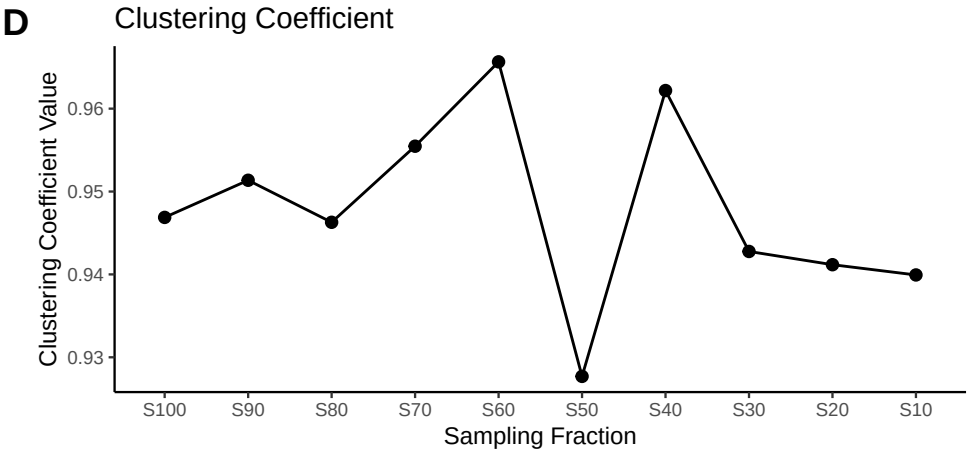


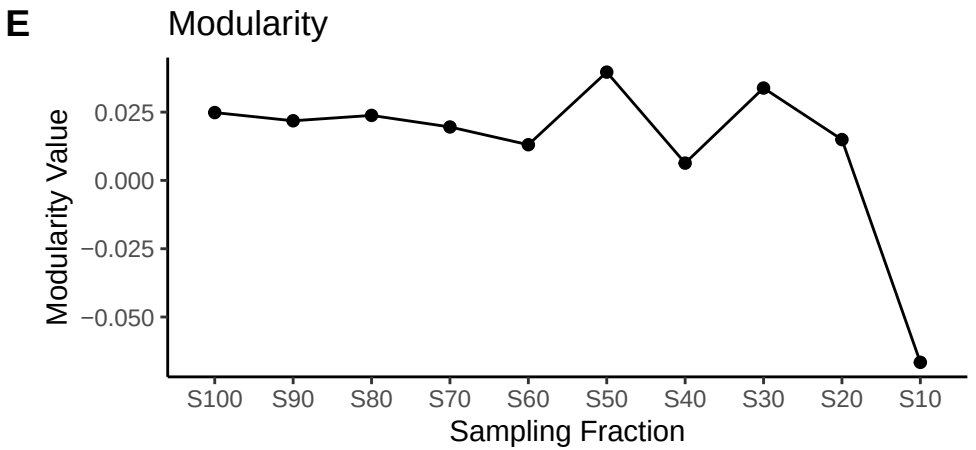
−160to−140_network_1



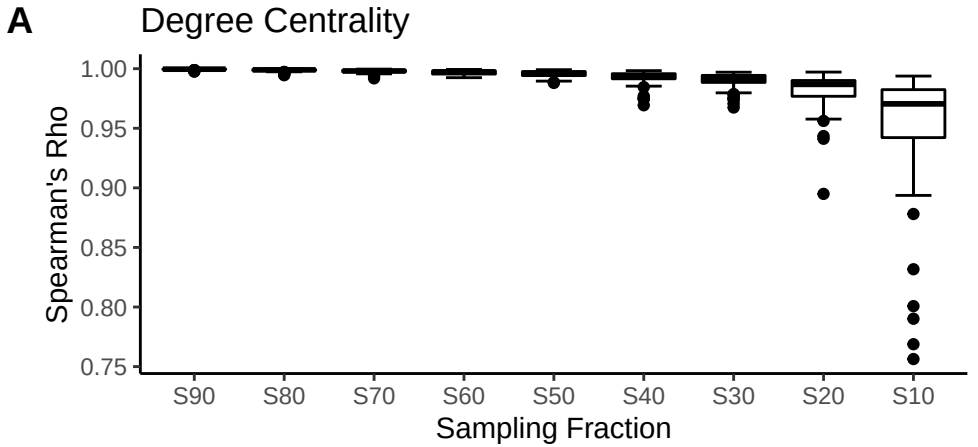


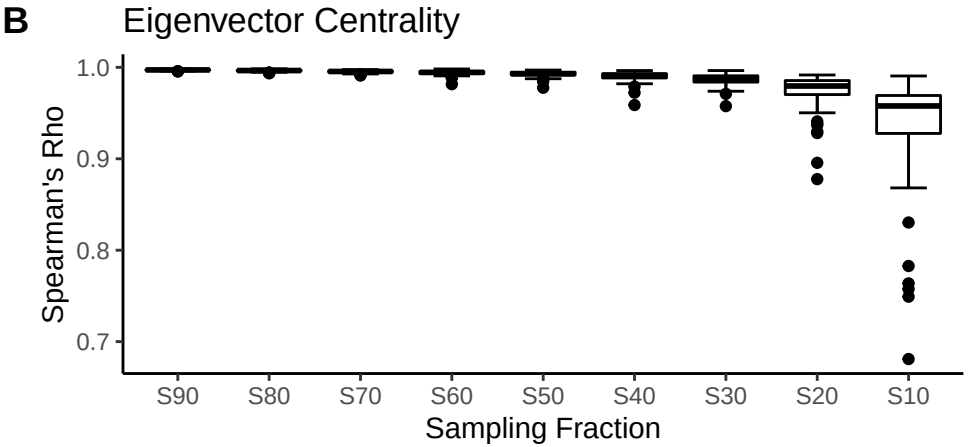


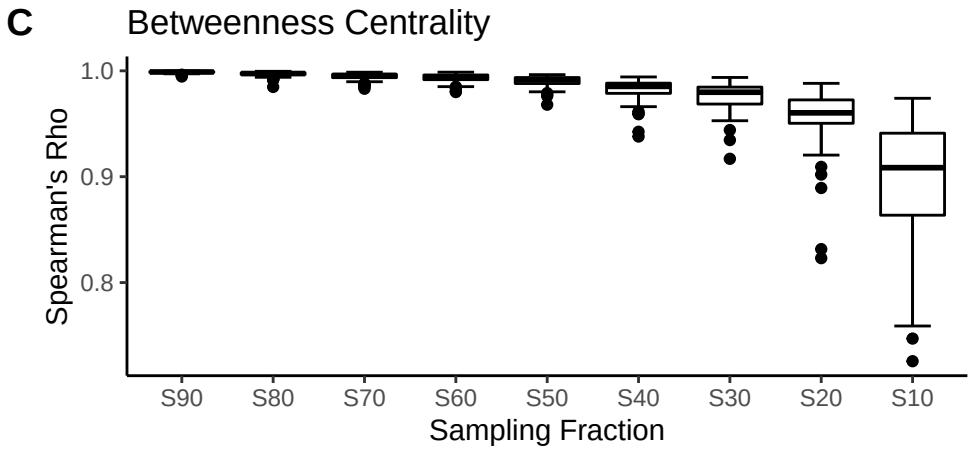


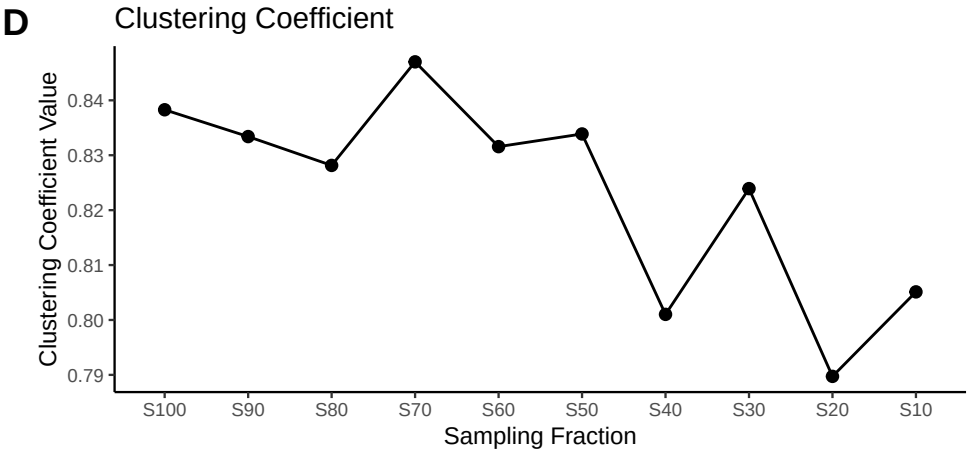


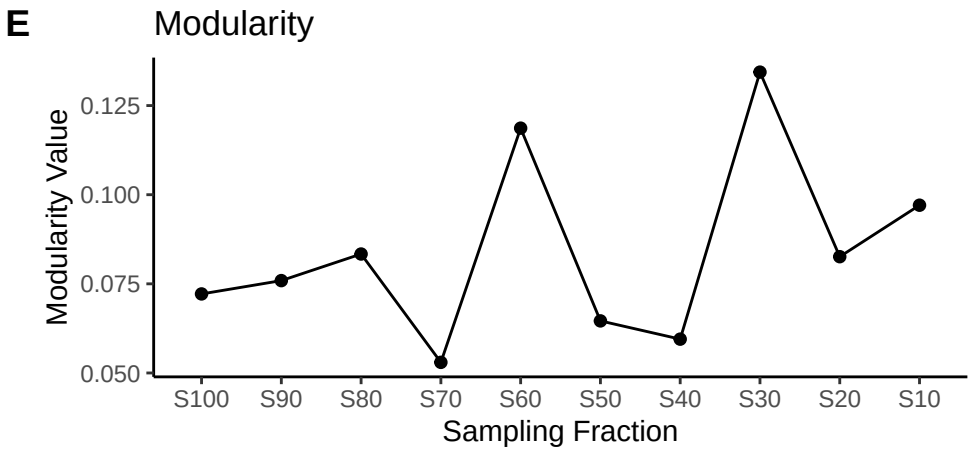
−160to−140_network_22



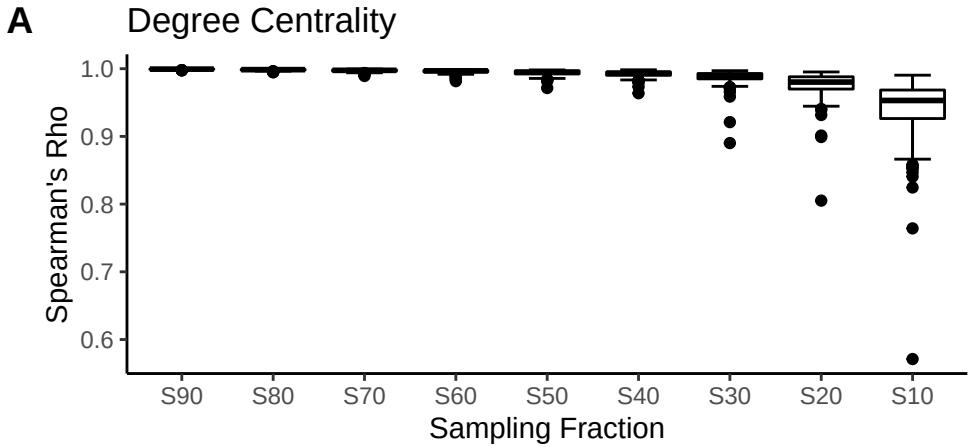


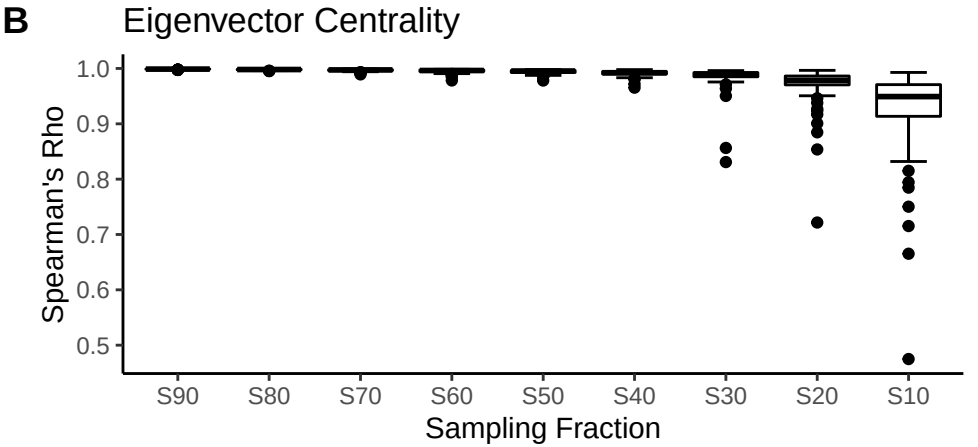


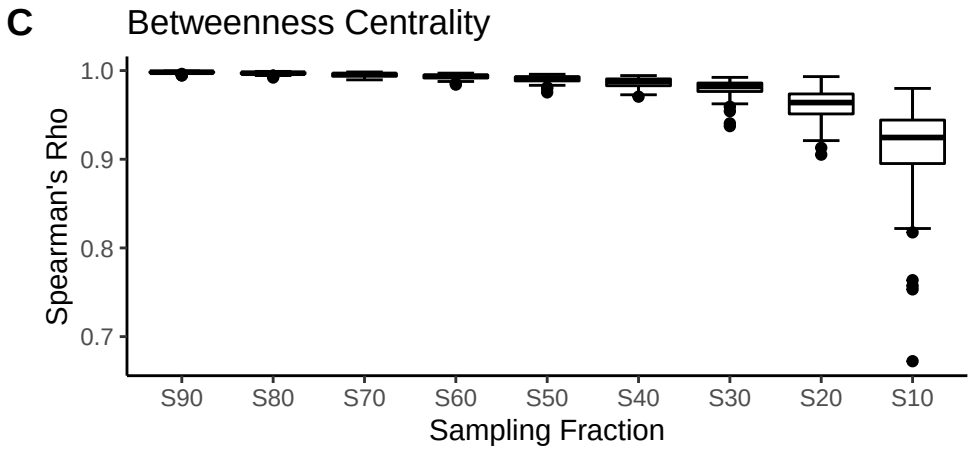


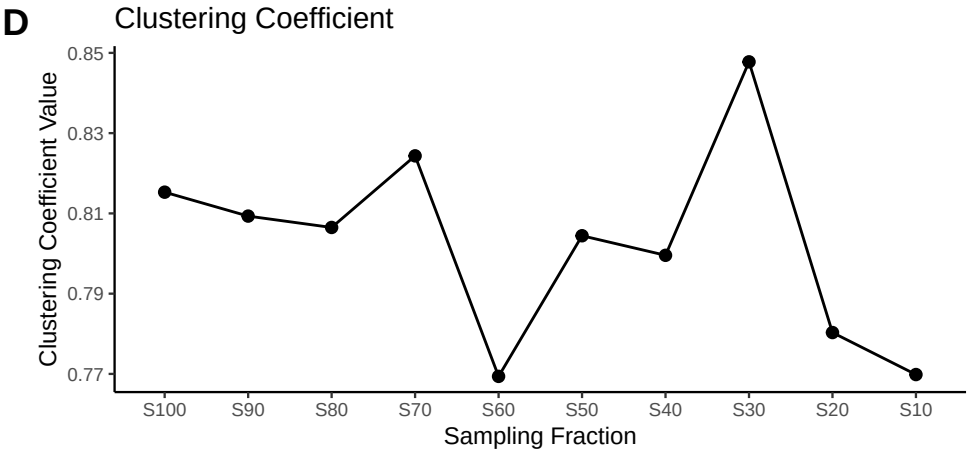


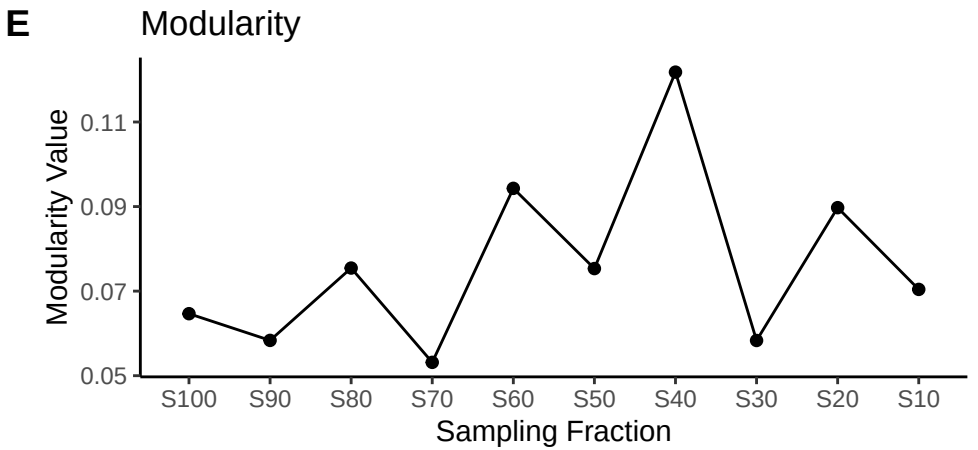
−160to−140_network_43



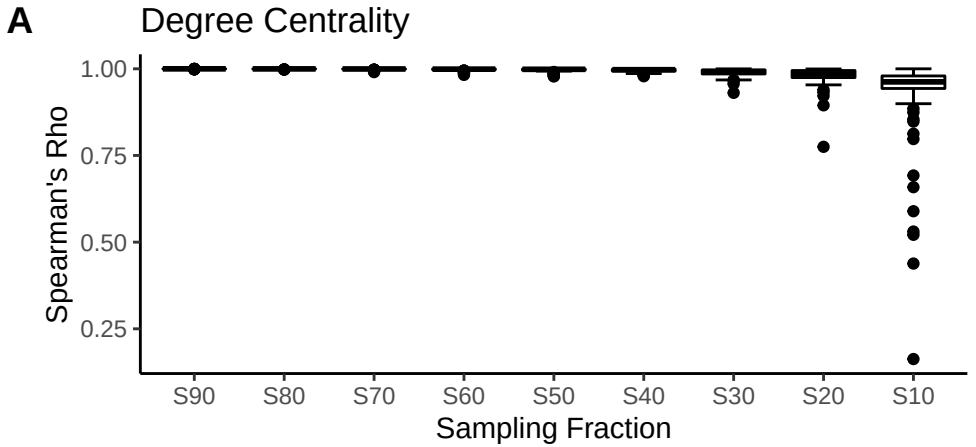


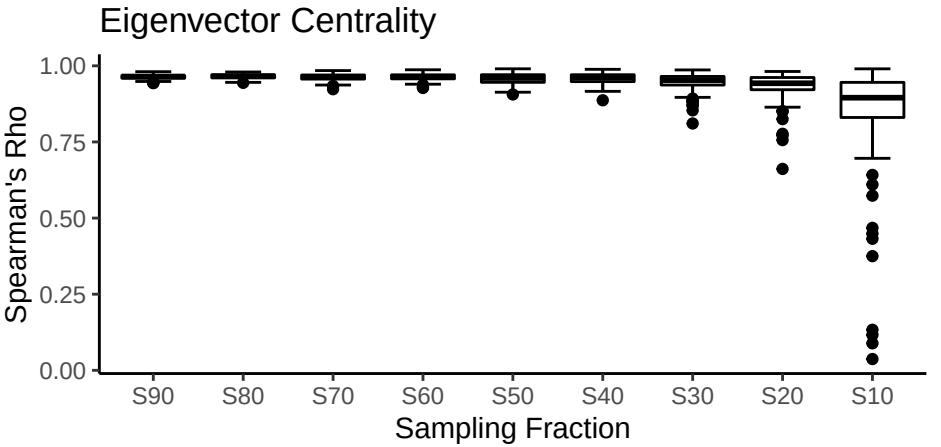


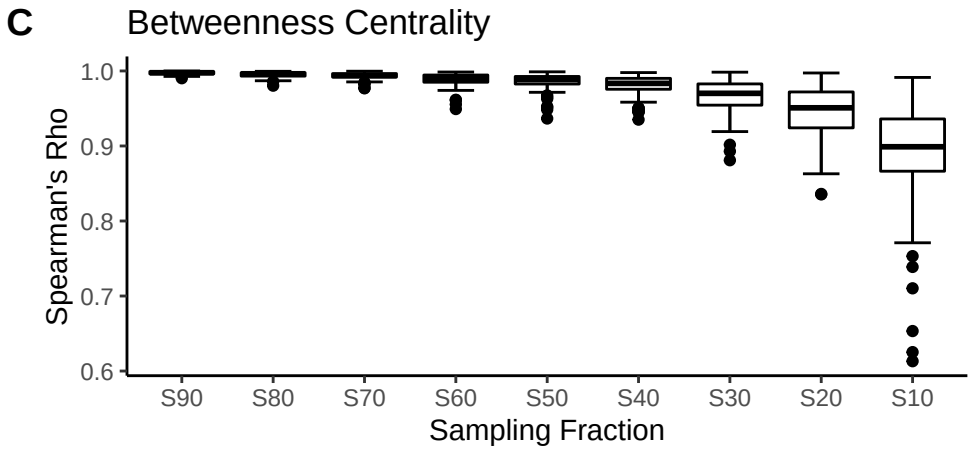


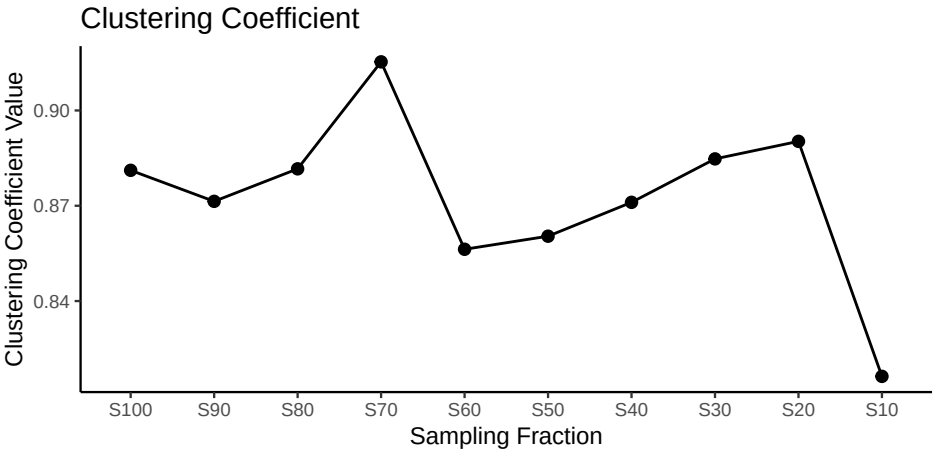


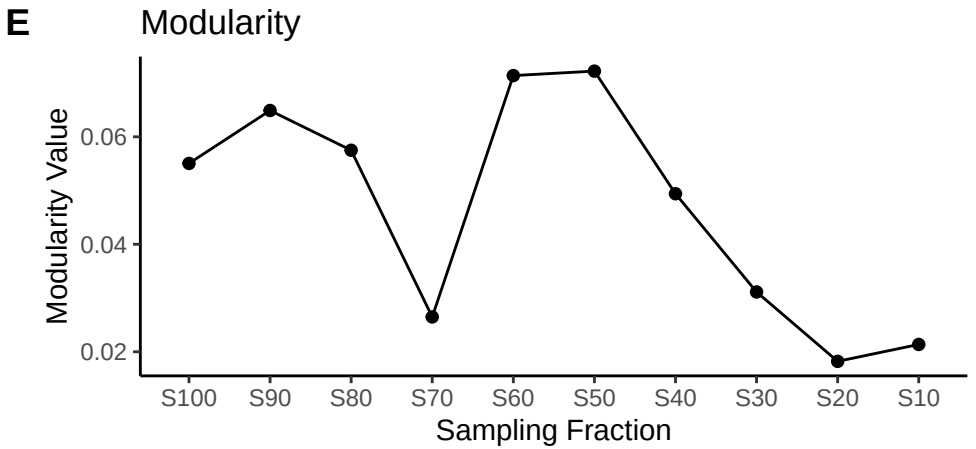
−140to−120_network_1



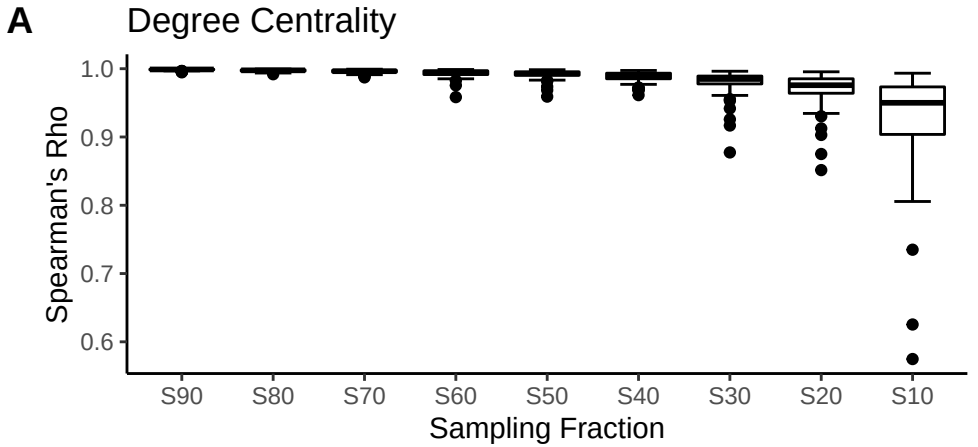


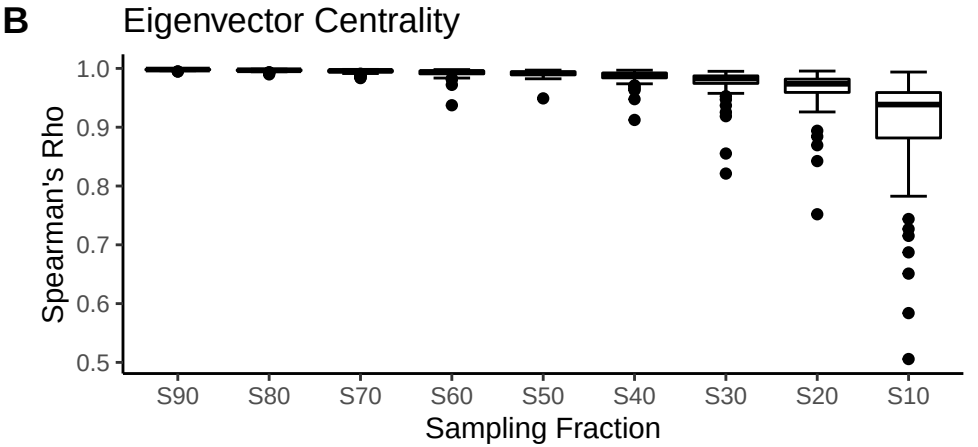


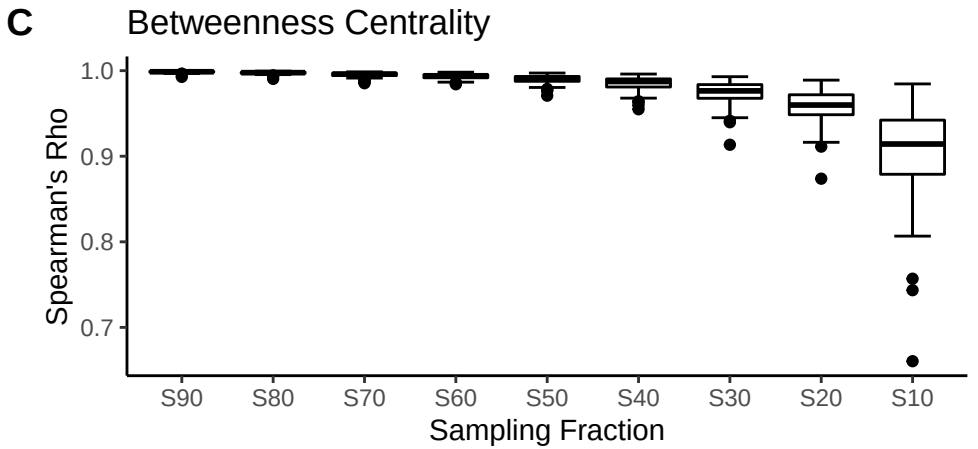


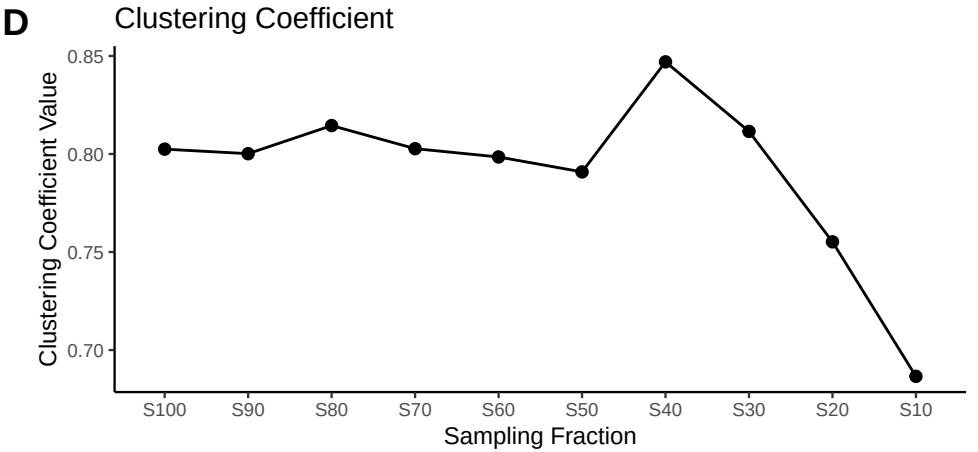


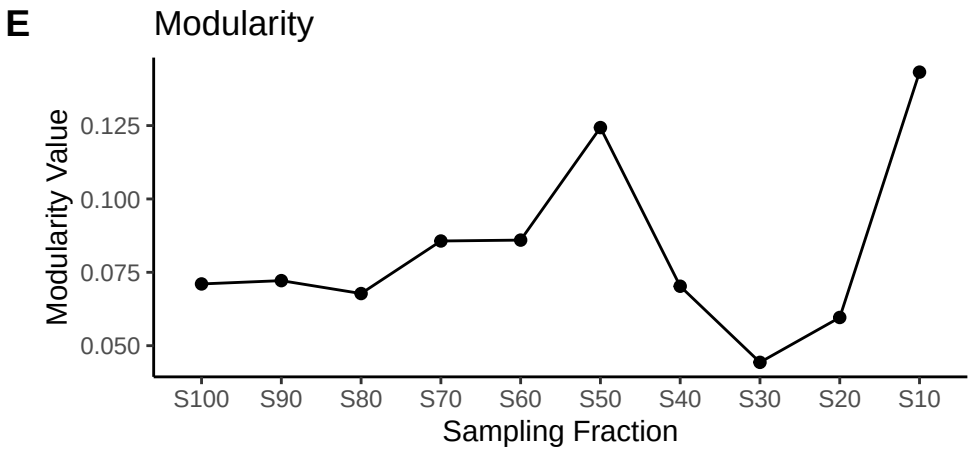
−140to−120_network_21



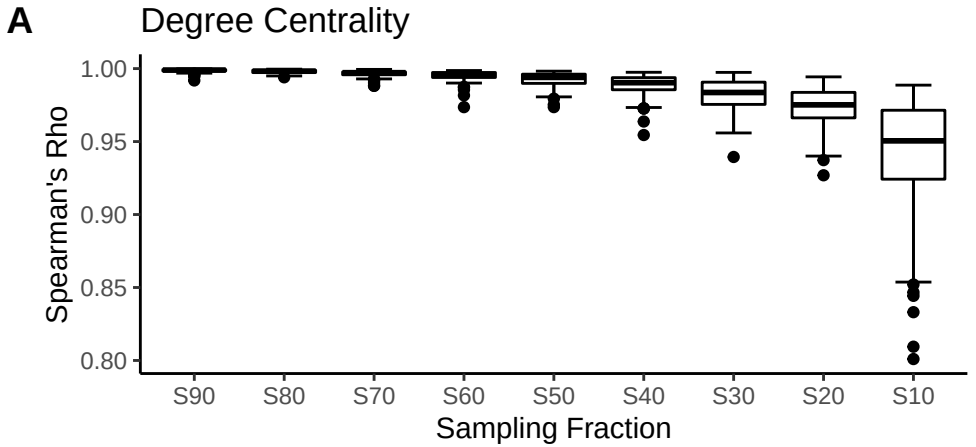


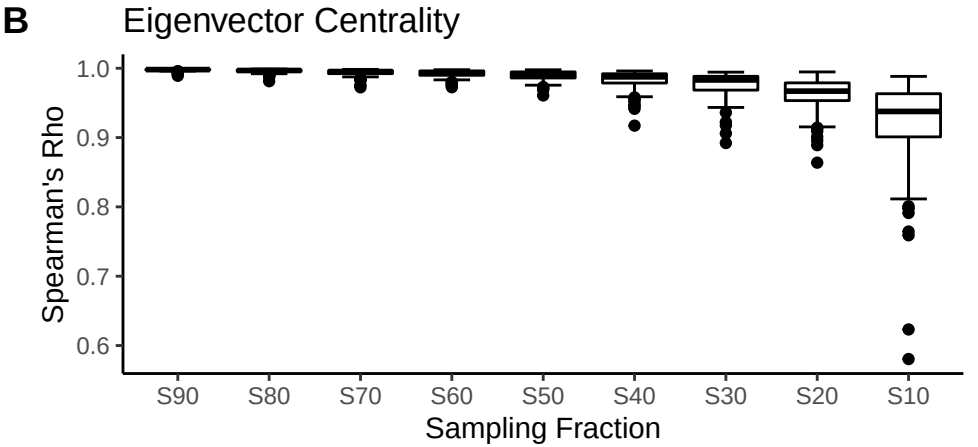


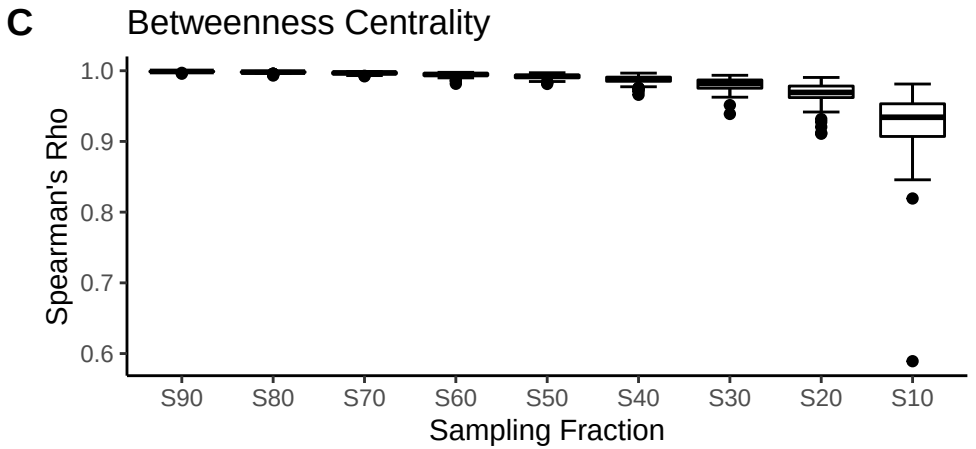


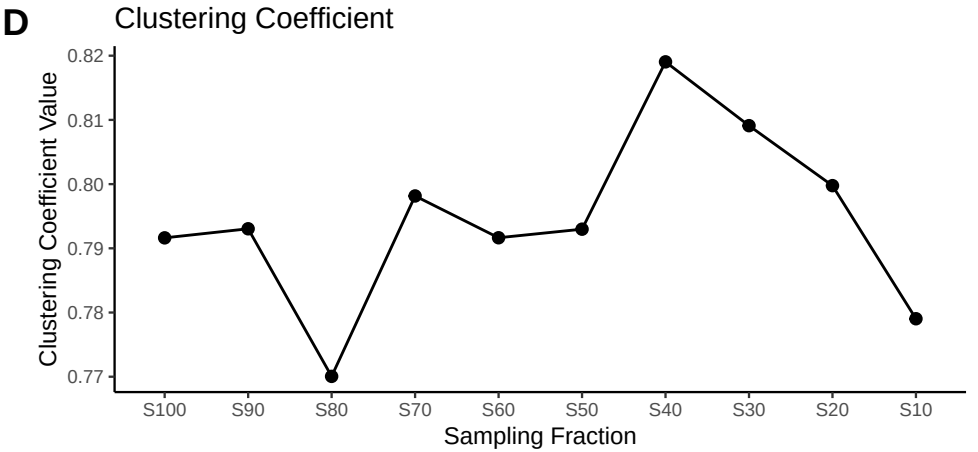


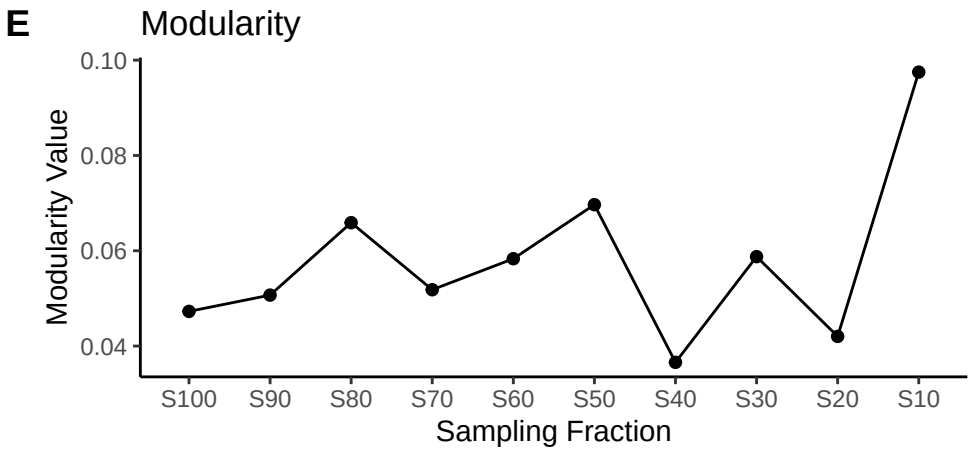
−140to−120_network_42



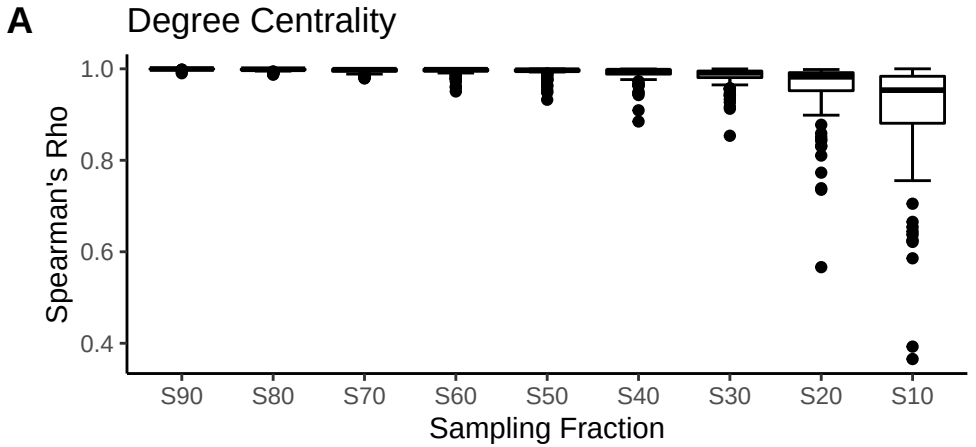


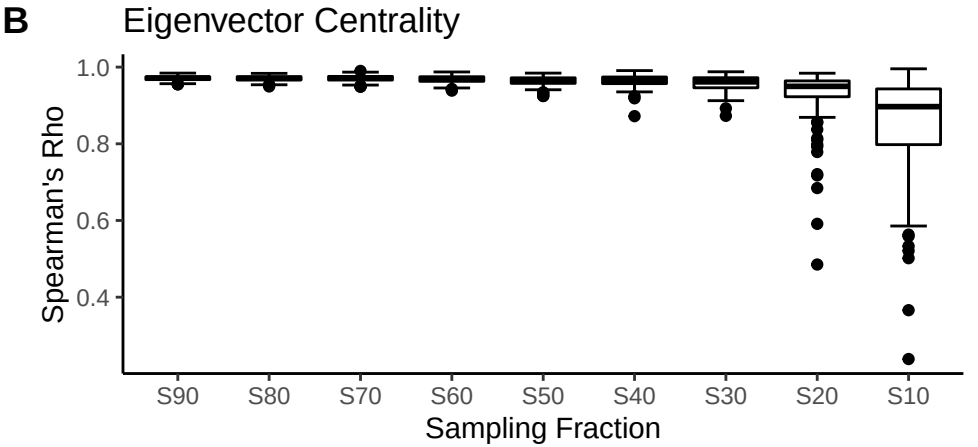


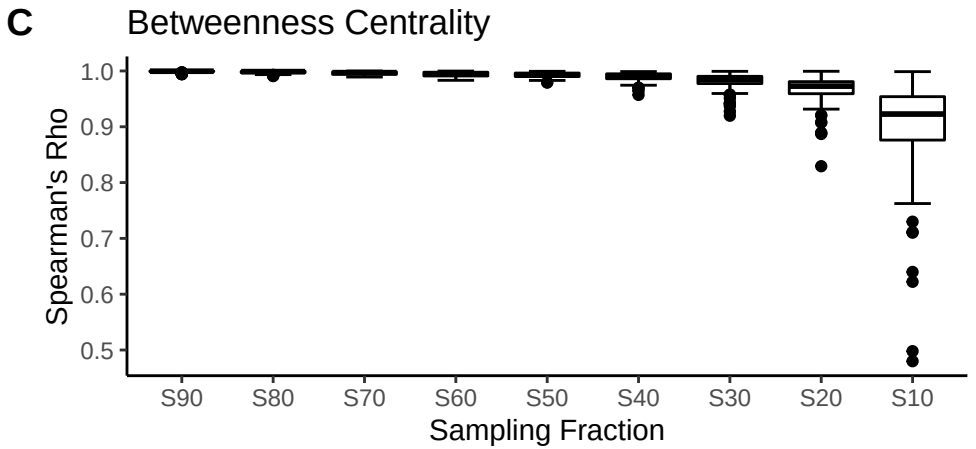


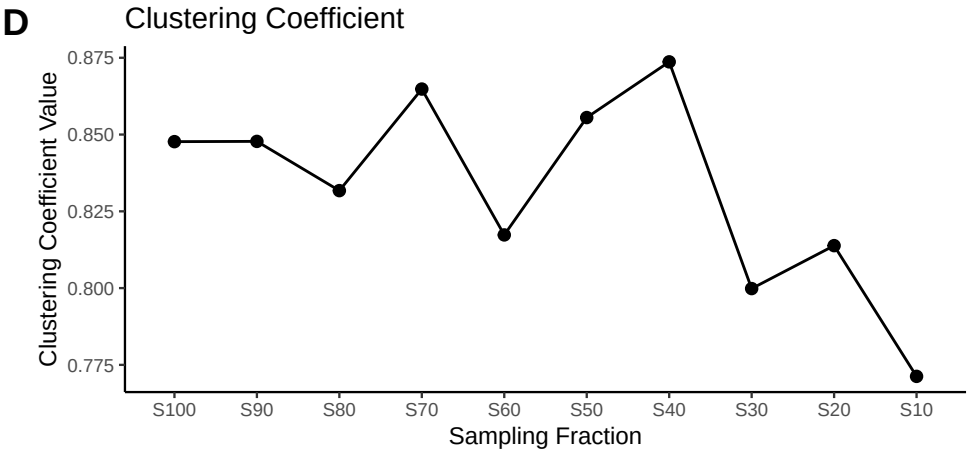


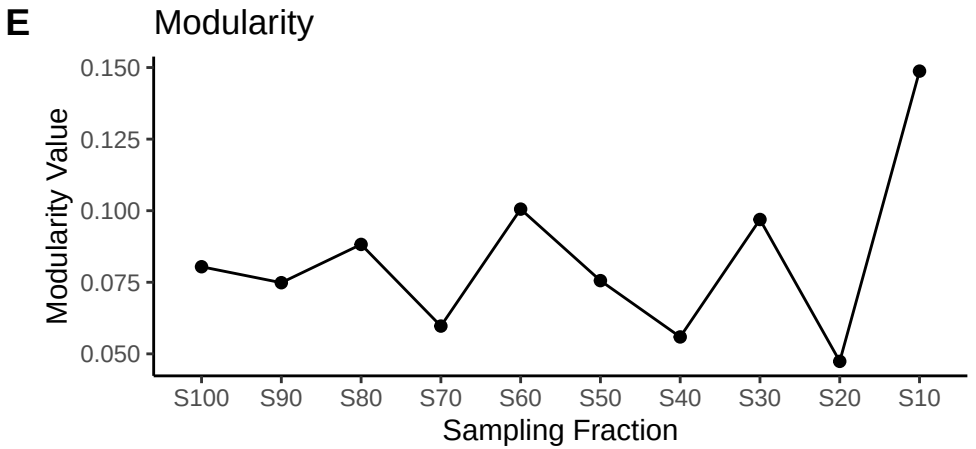
−120to−100_network_1



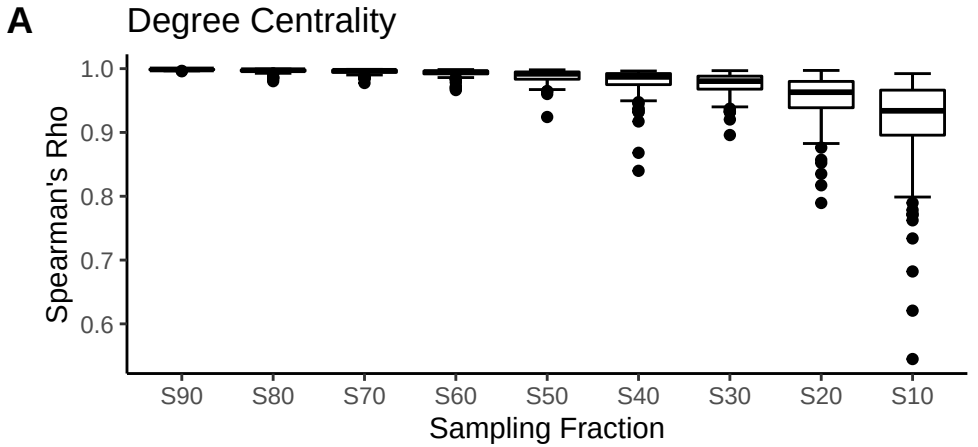


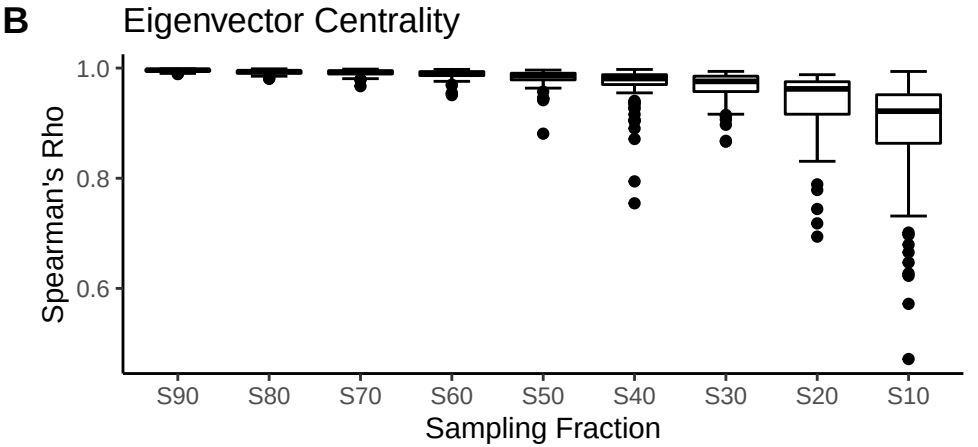


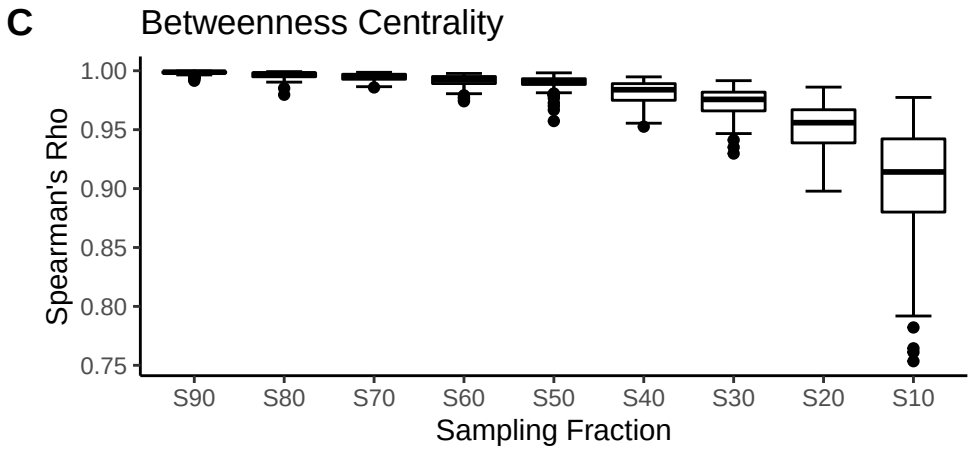


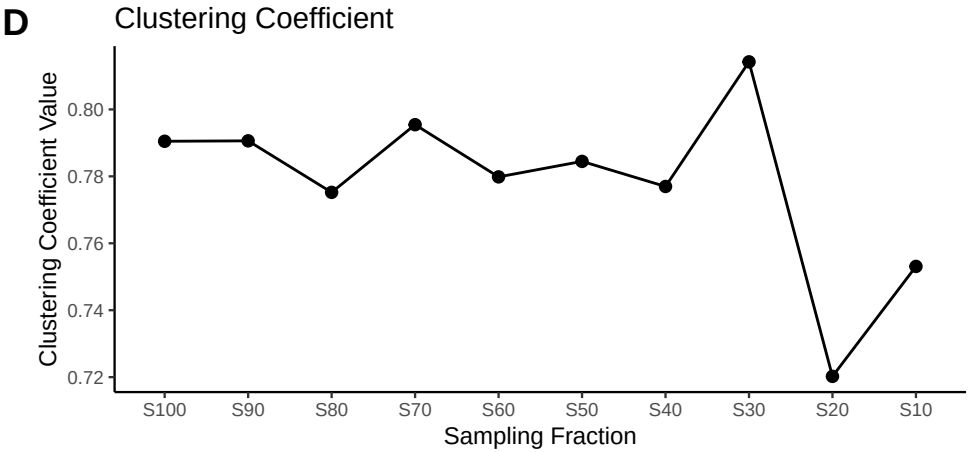


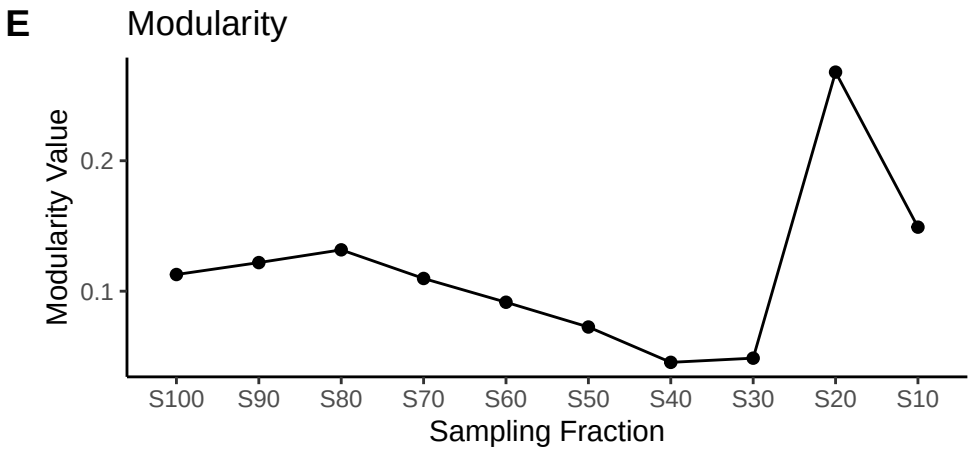
−120to−100_network_21



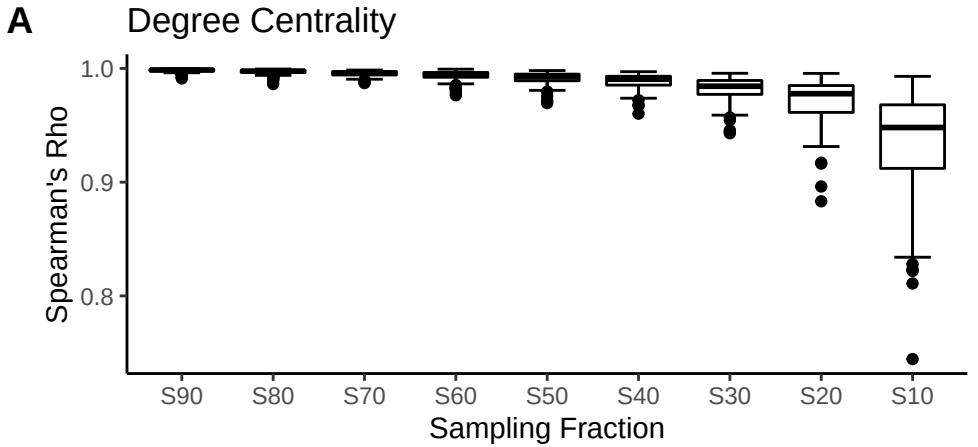


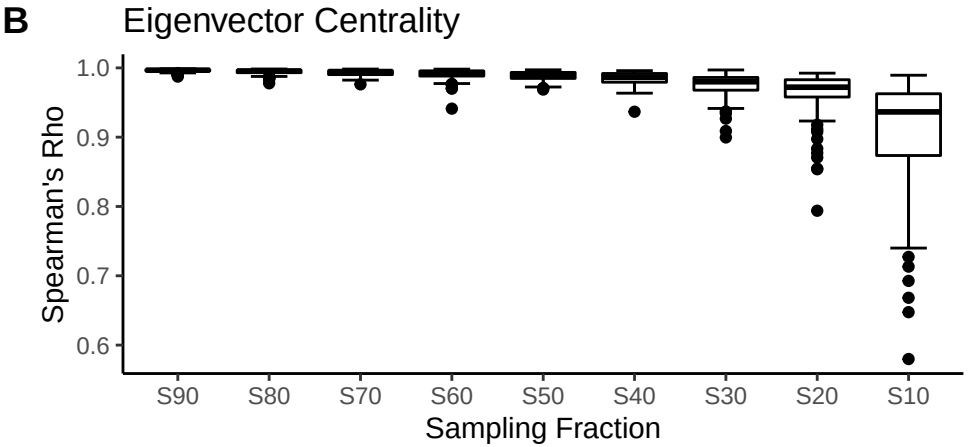


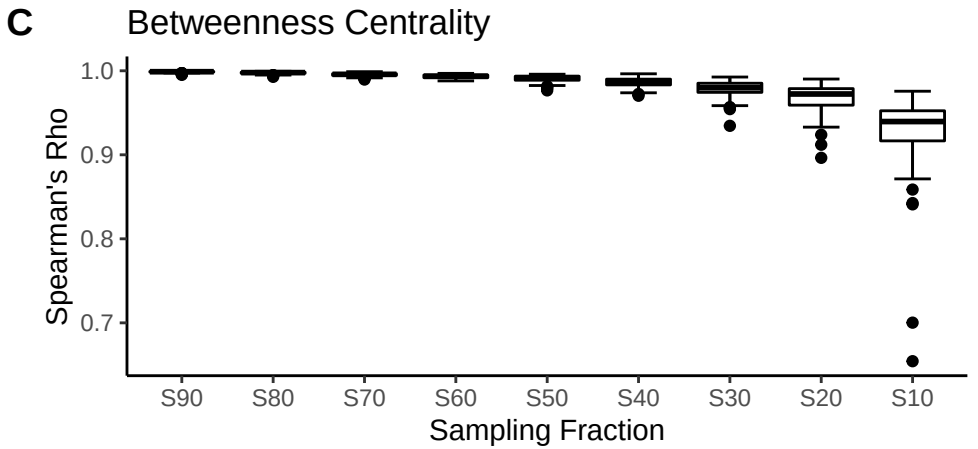


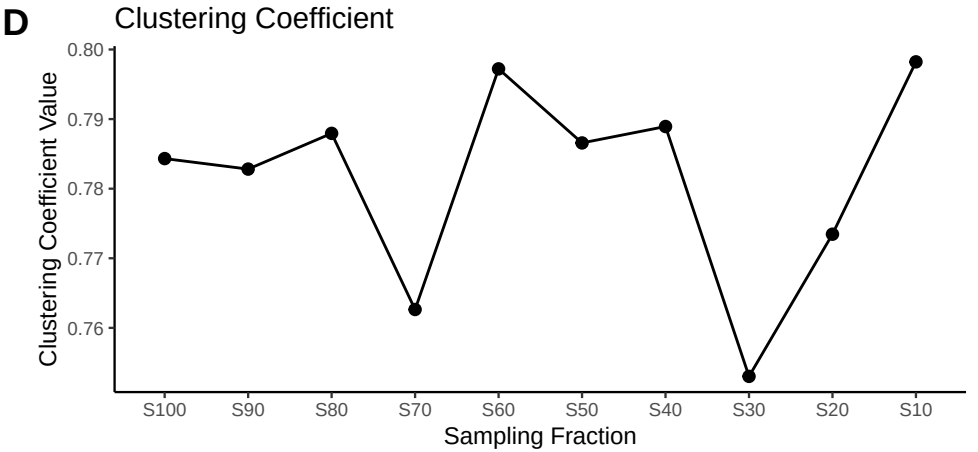


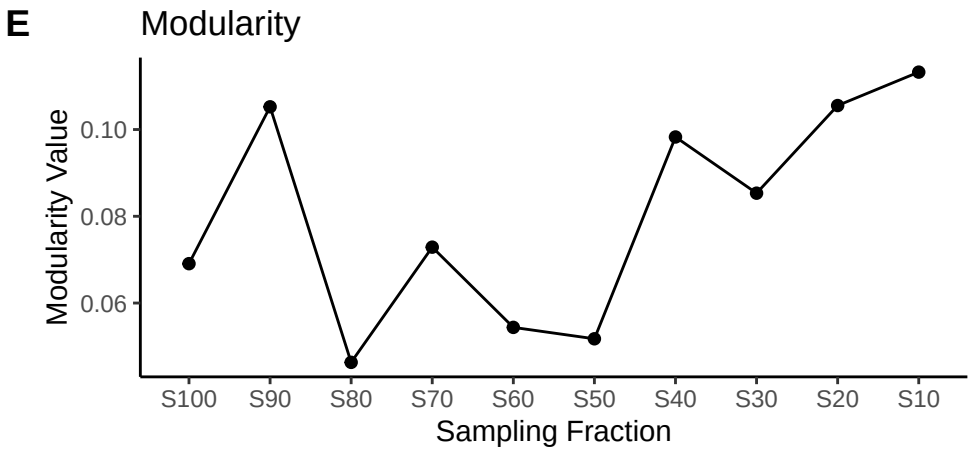
−120to−100_network_41



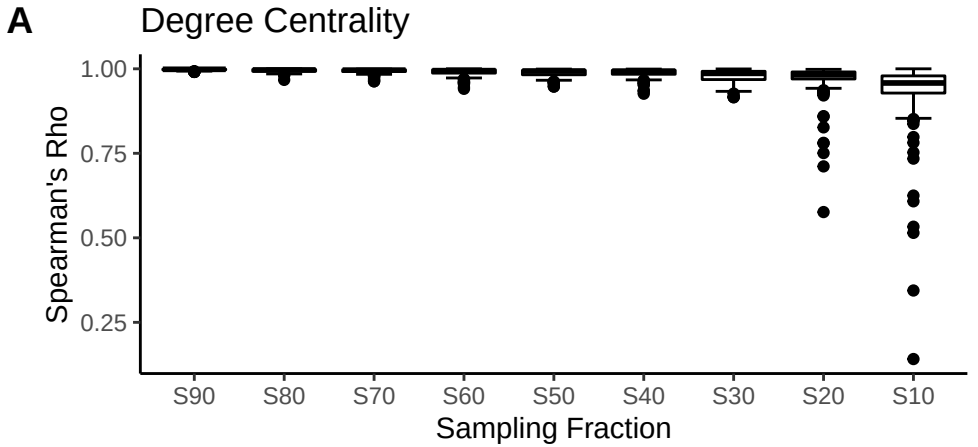


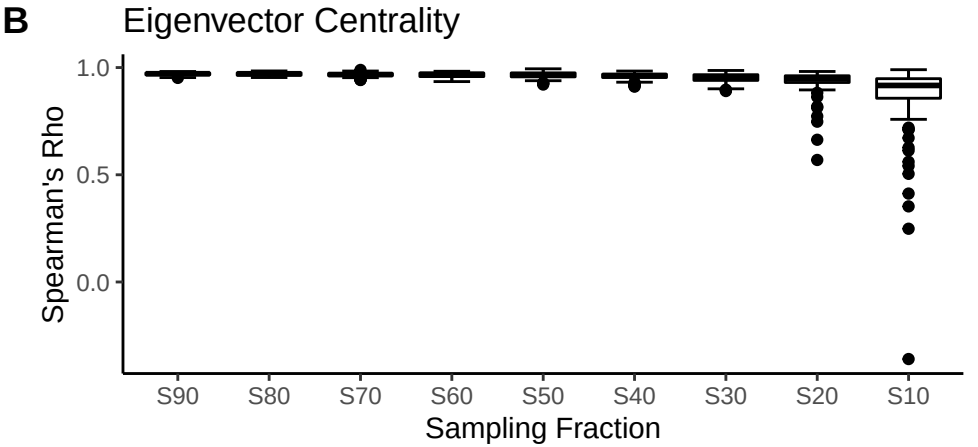


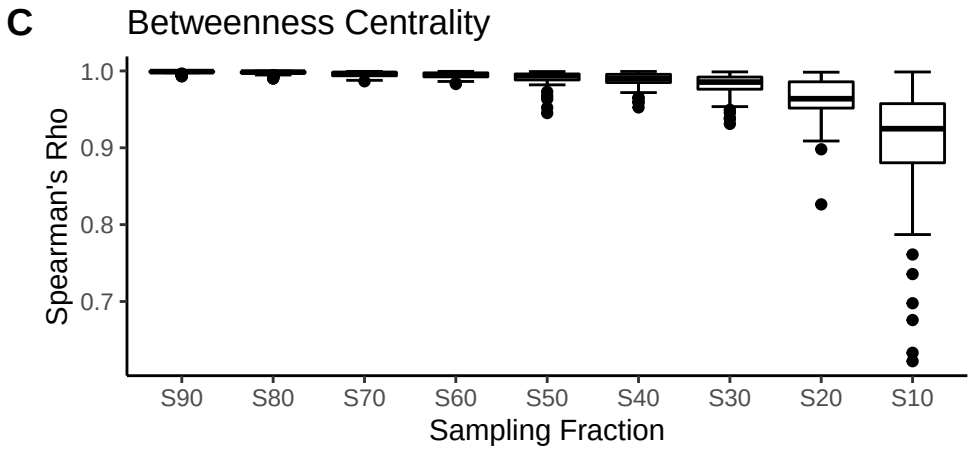


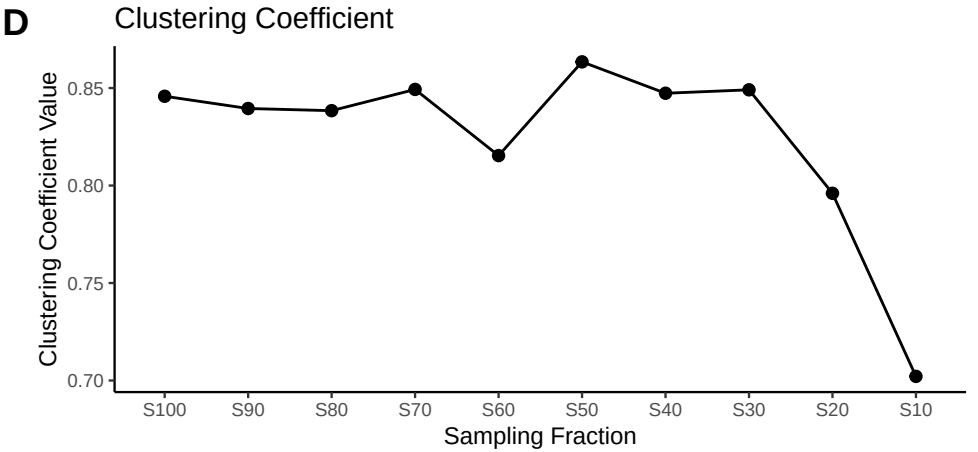


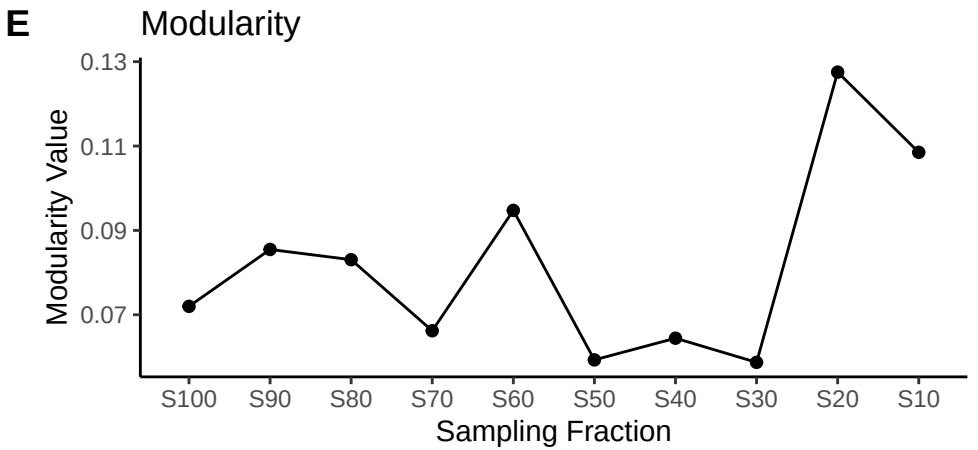
−100to−80_network_1



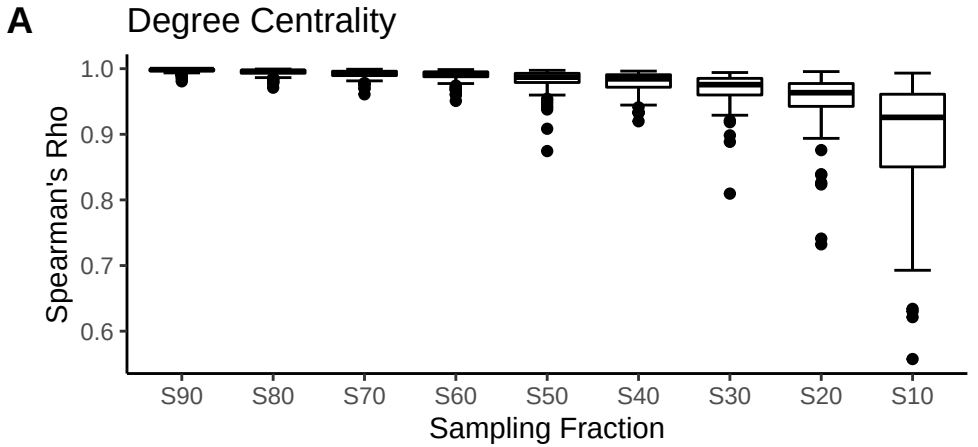


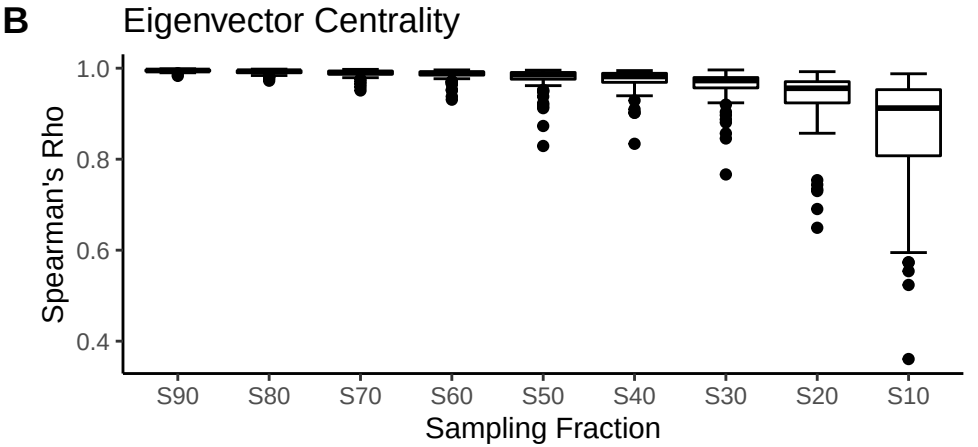


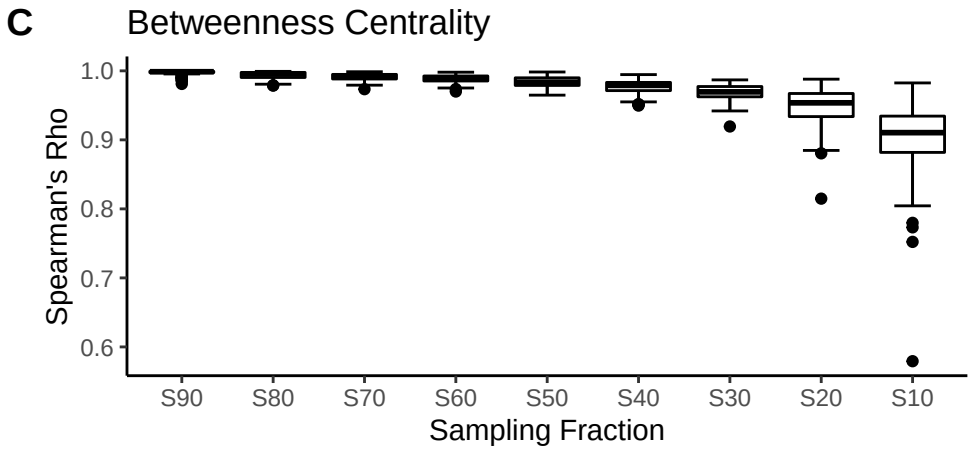


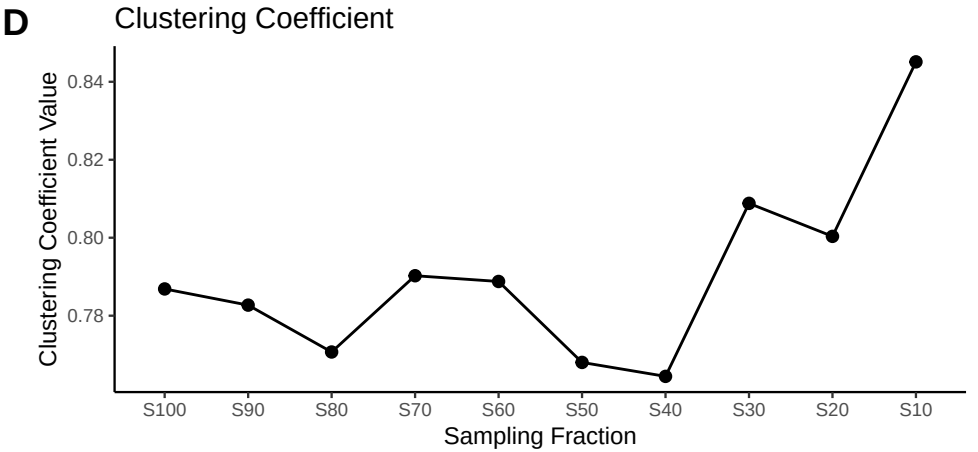


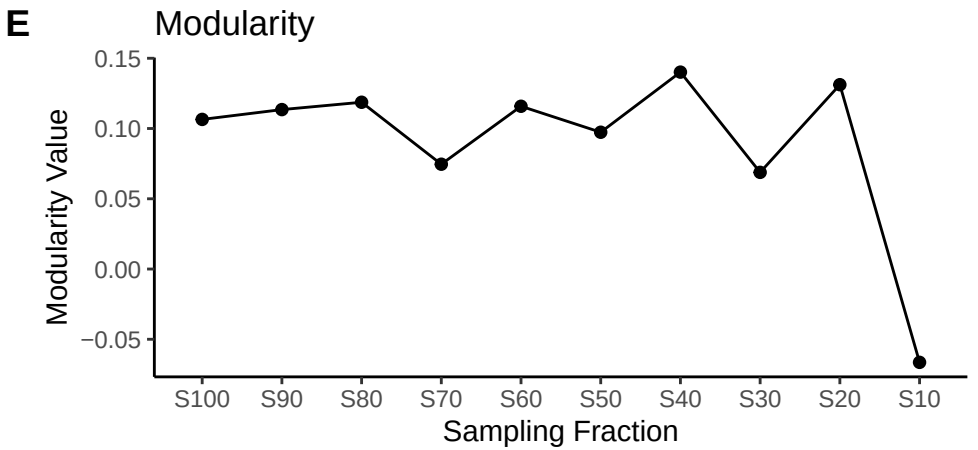
−100to−80_network_20



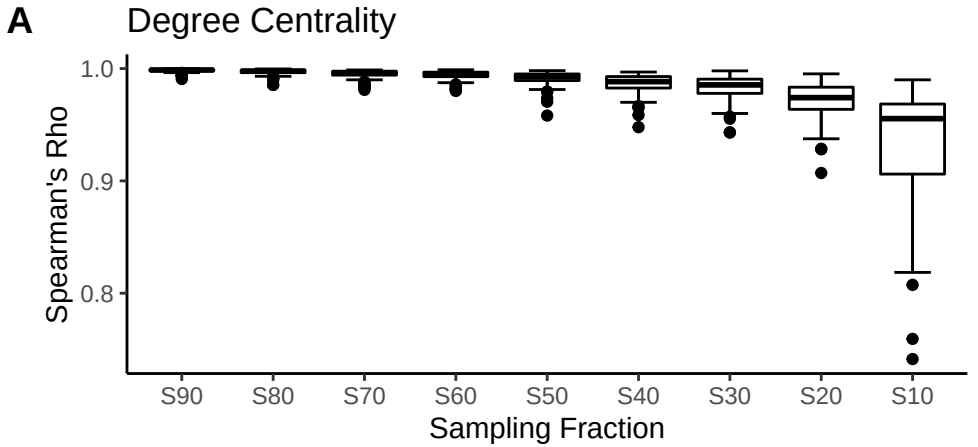


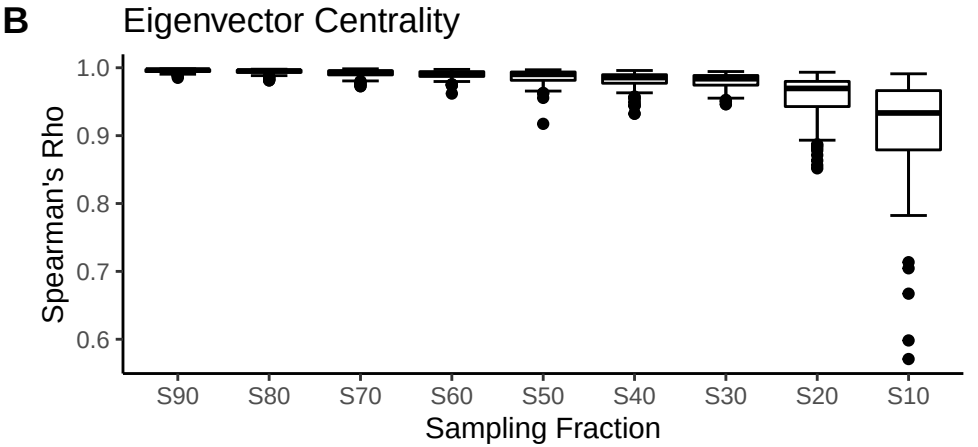


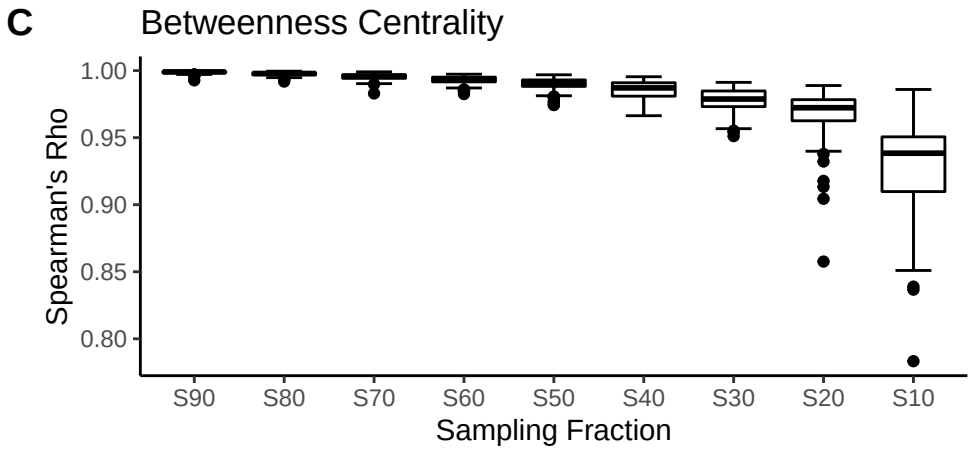


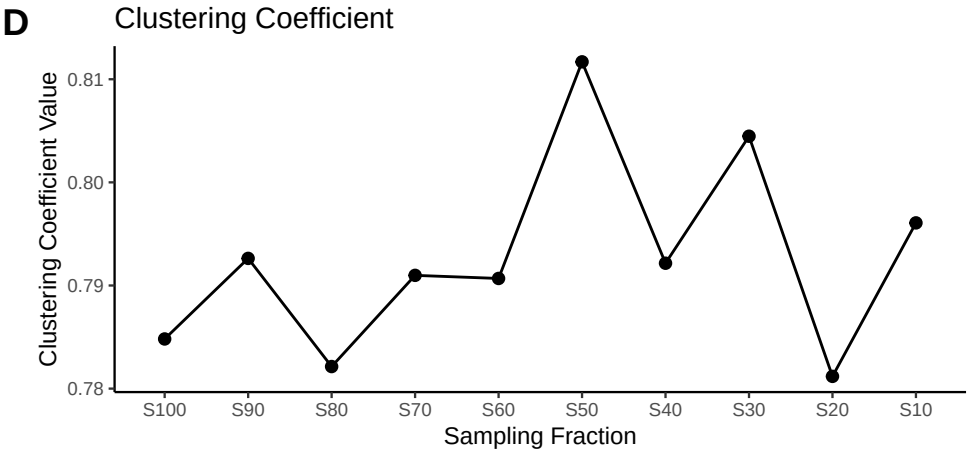


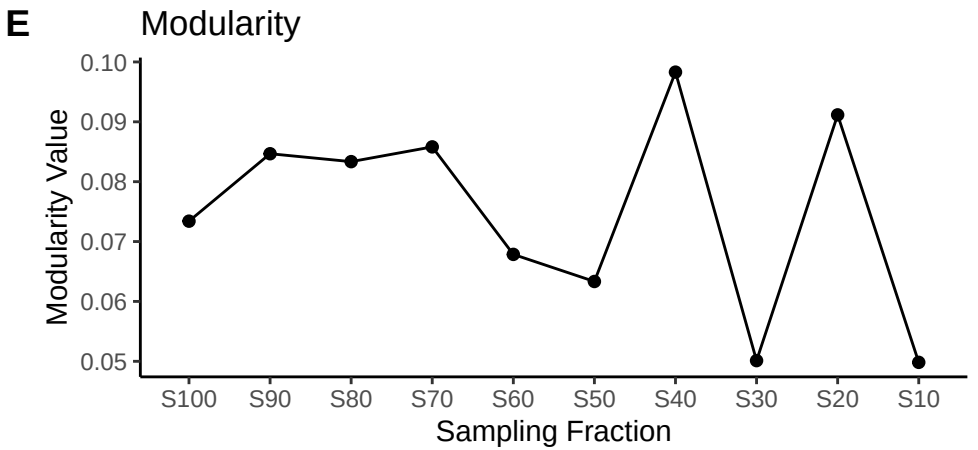
−100to−80_network_40



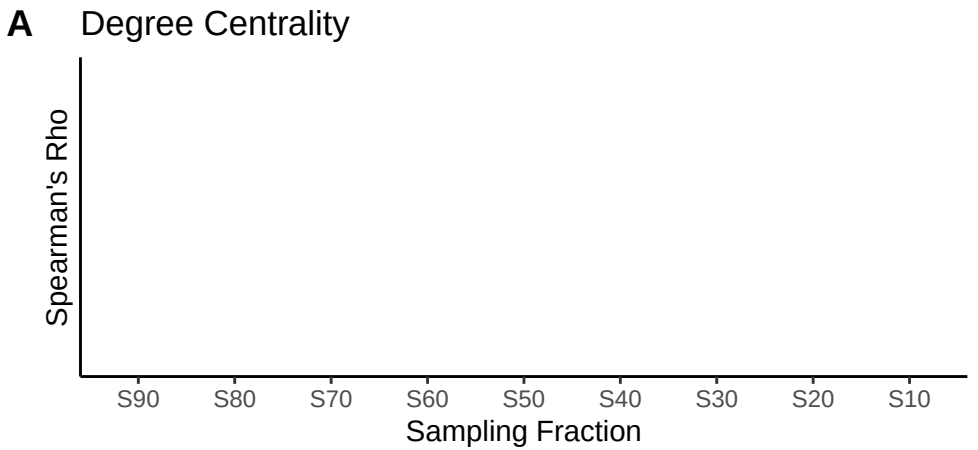


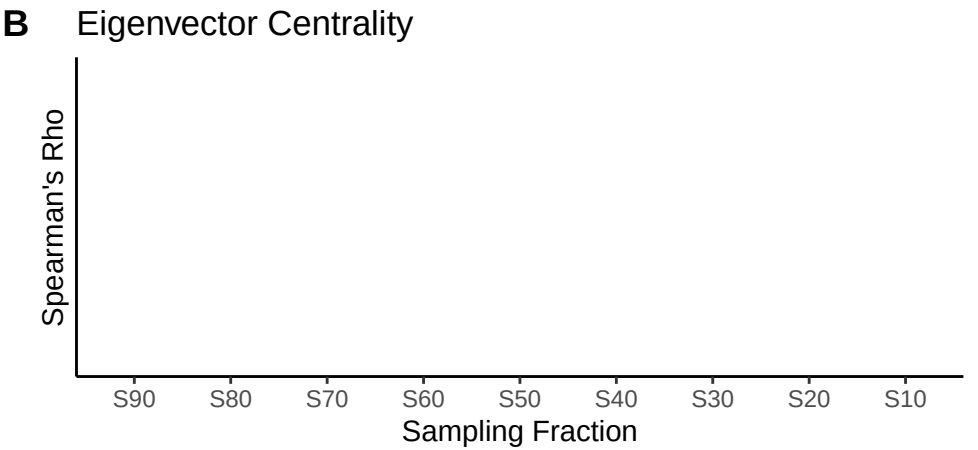


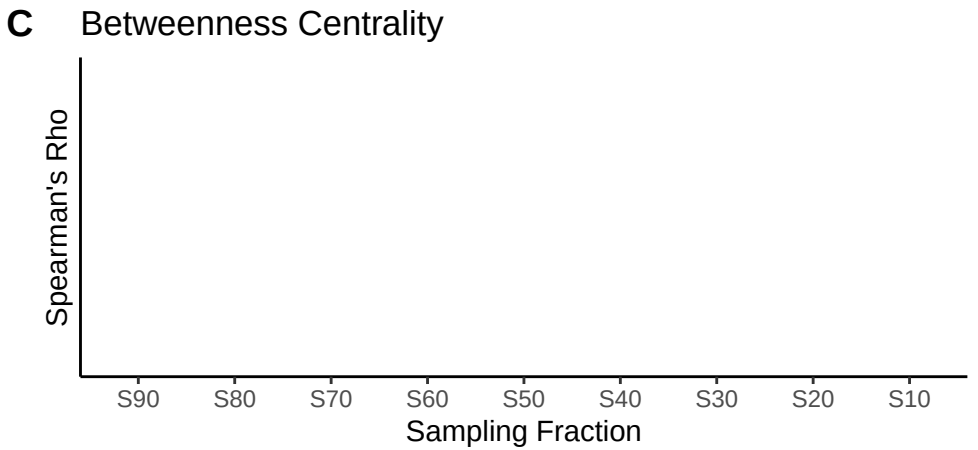


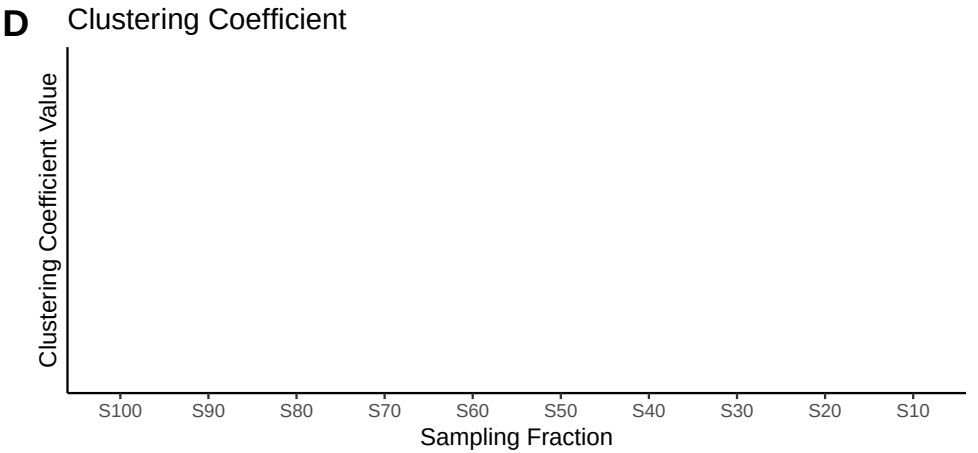


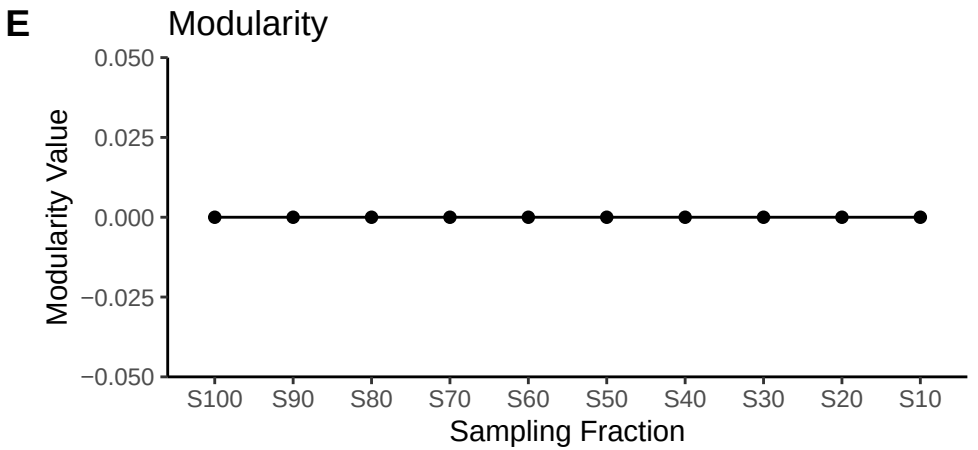
−80to−60_network_1



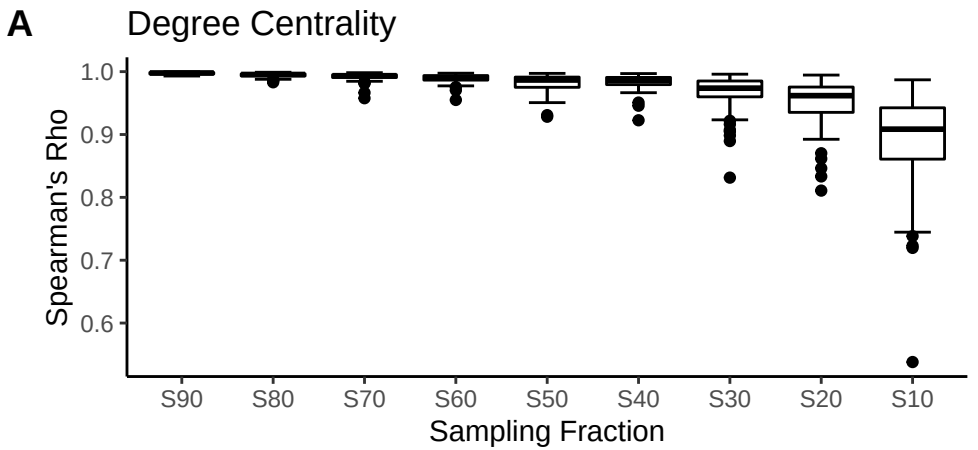


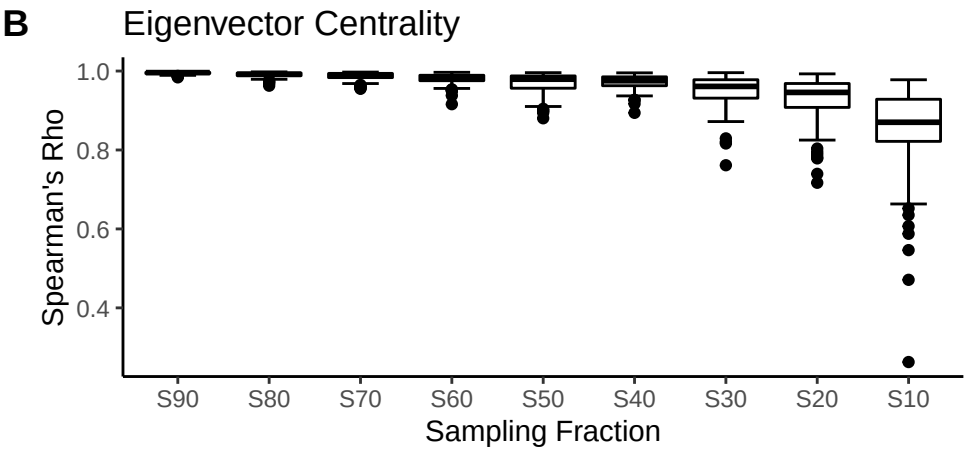


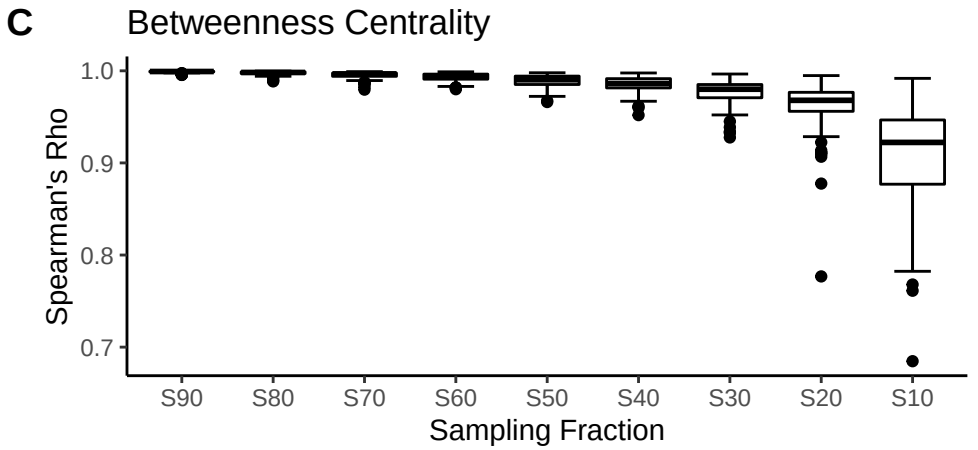


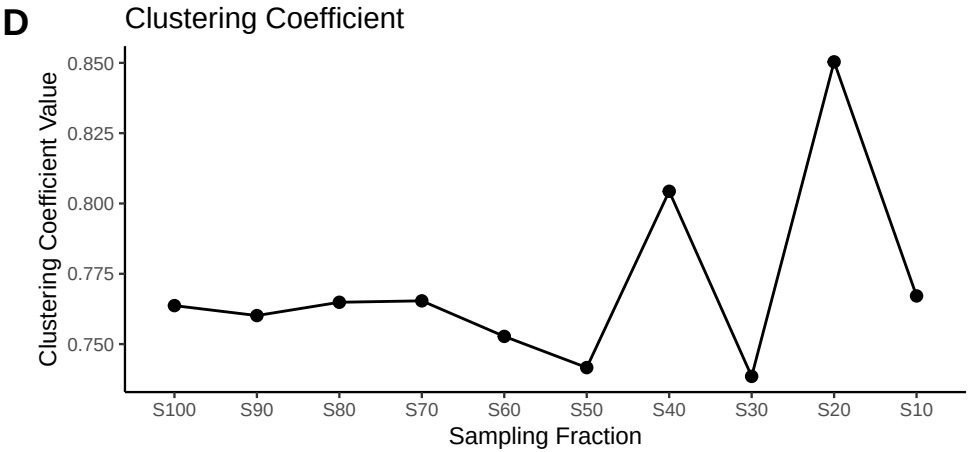


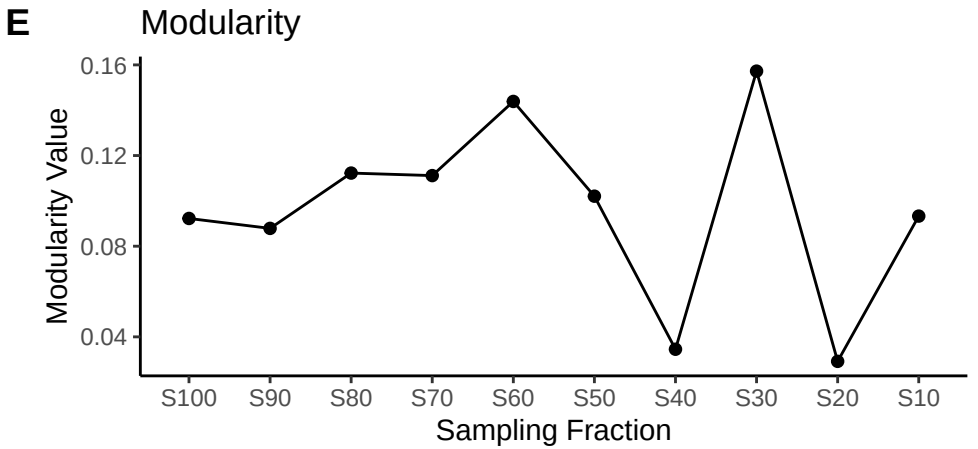
−80to−60_network_20



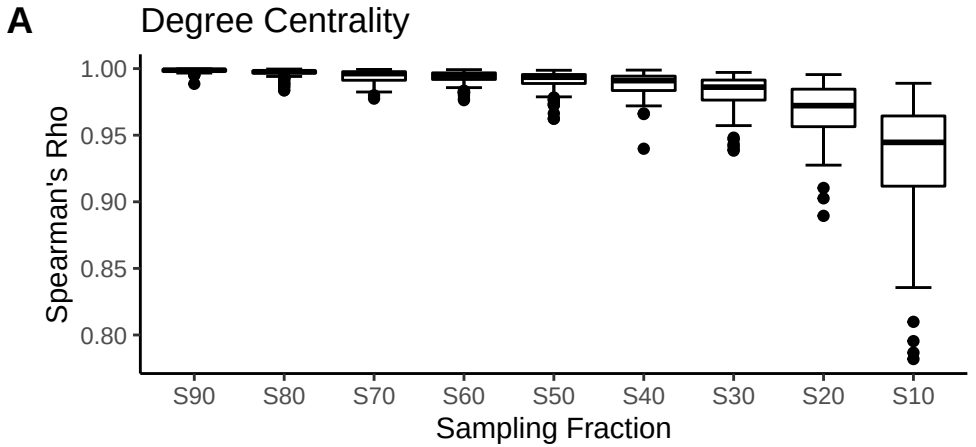


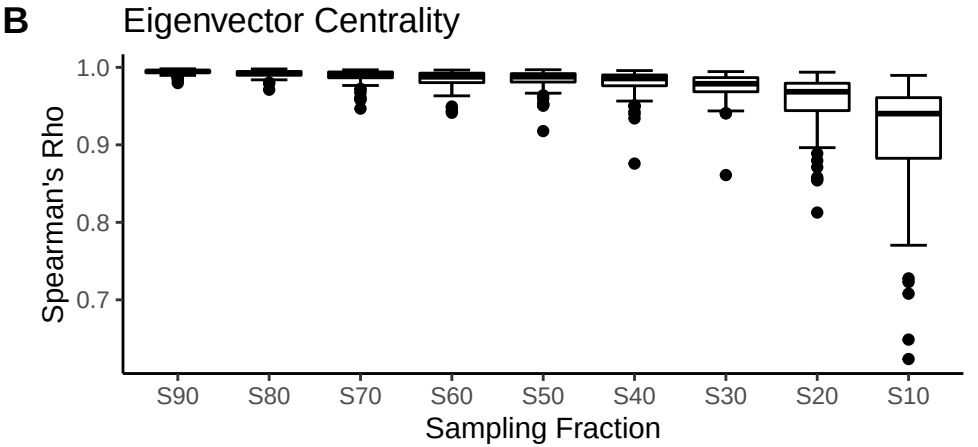


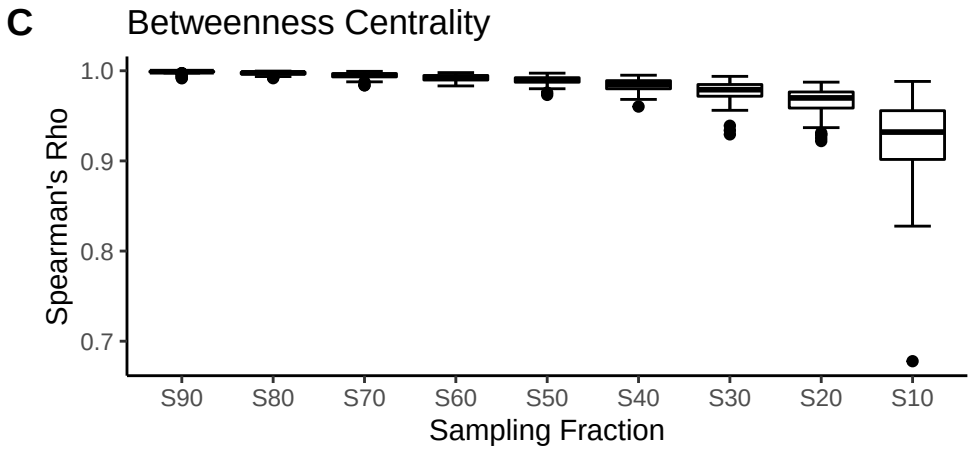


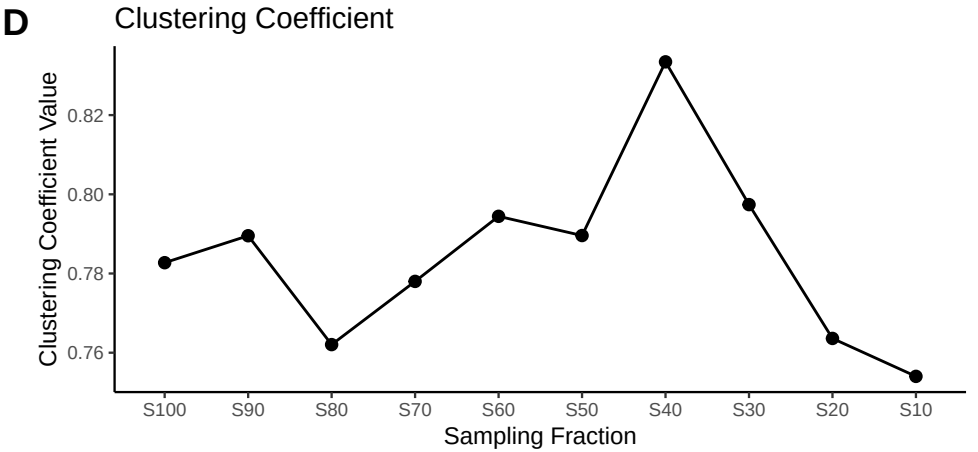


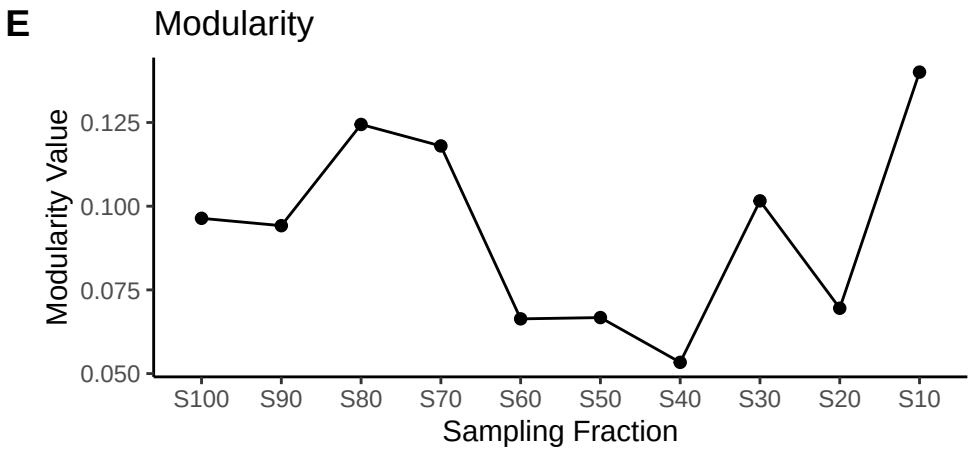
−80to−60_network_39



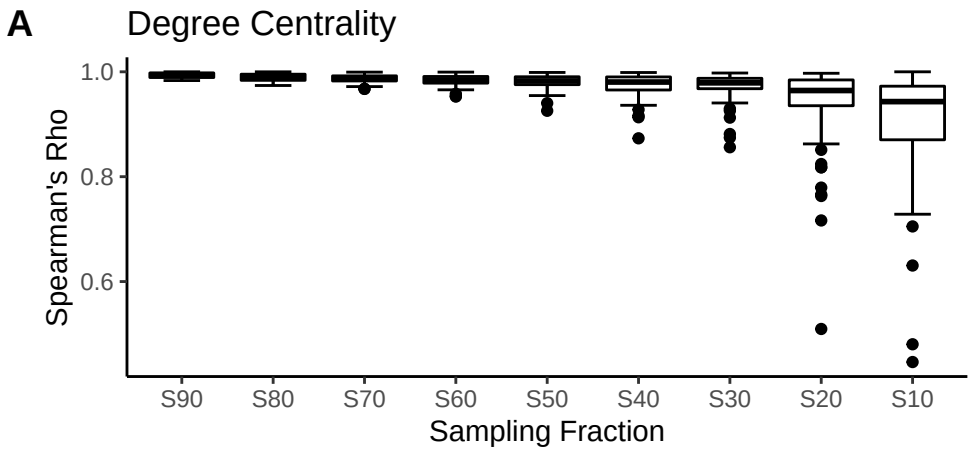


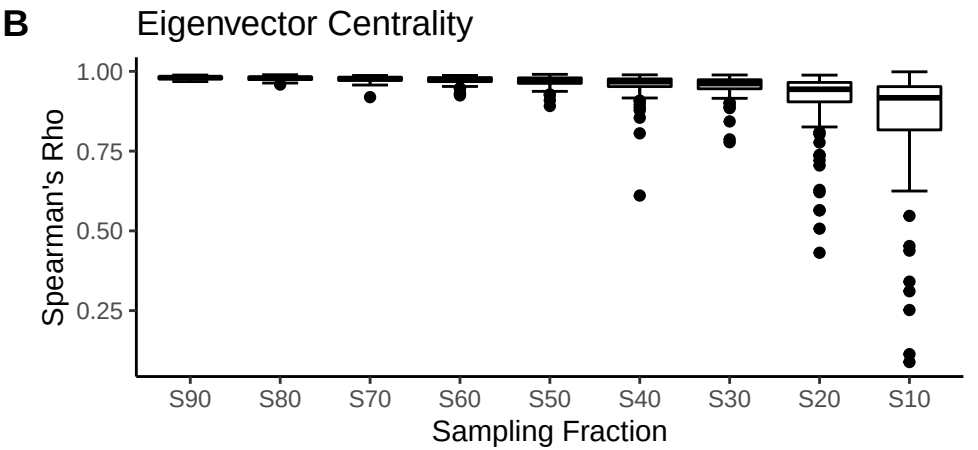


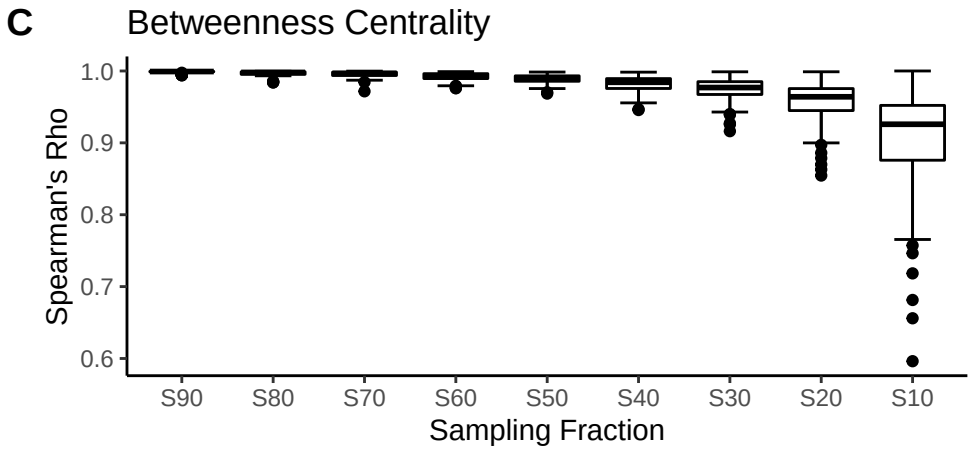


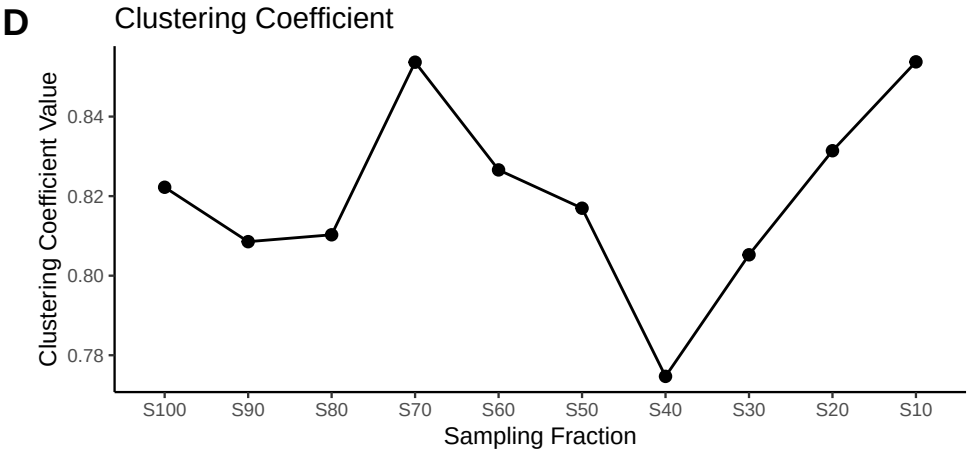


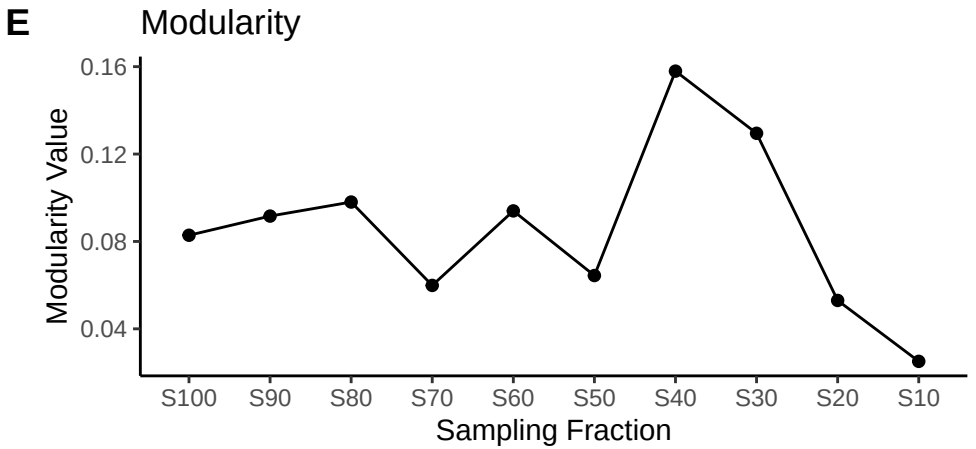
−60to−40_network_1



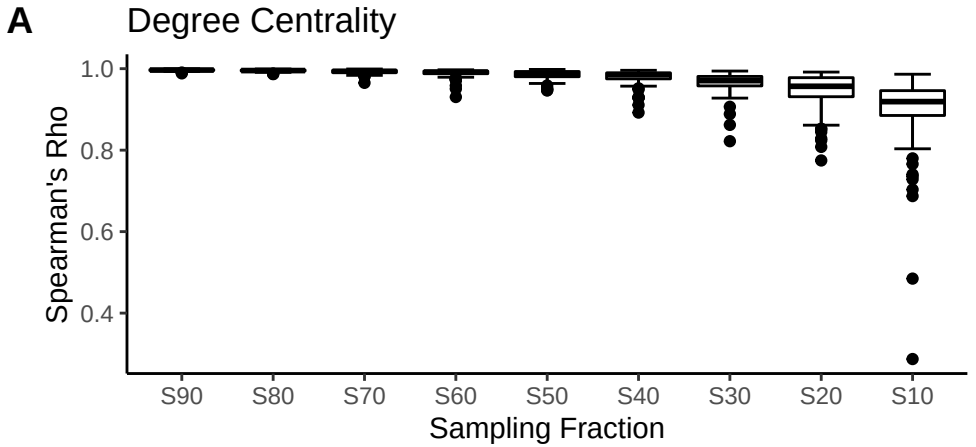


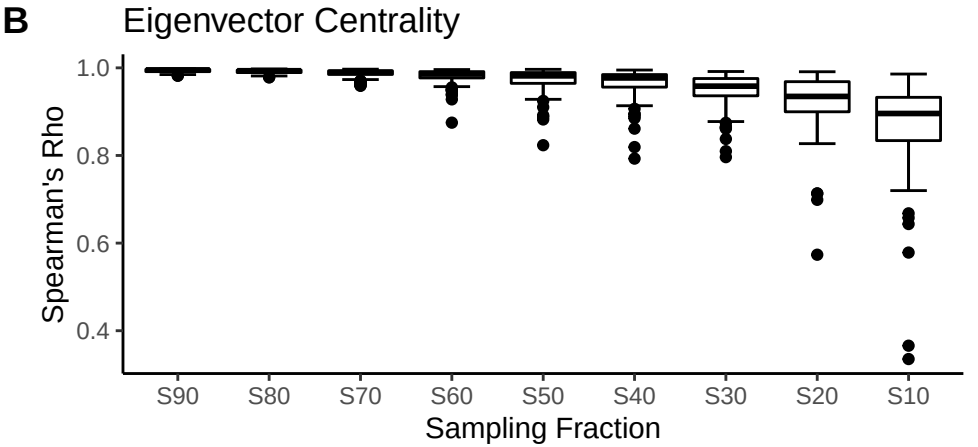


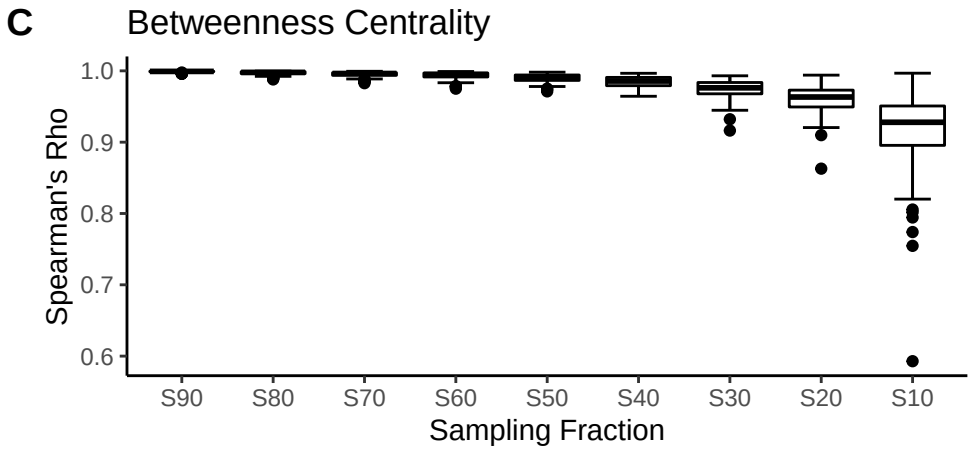


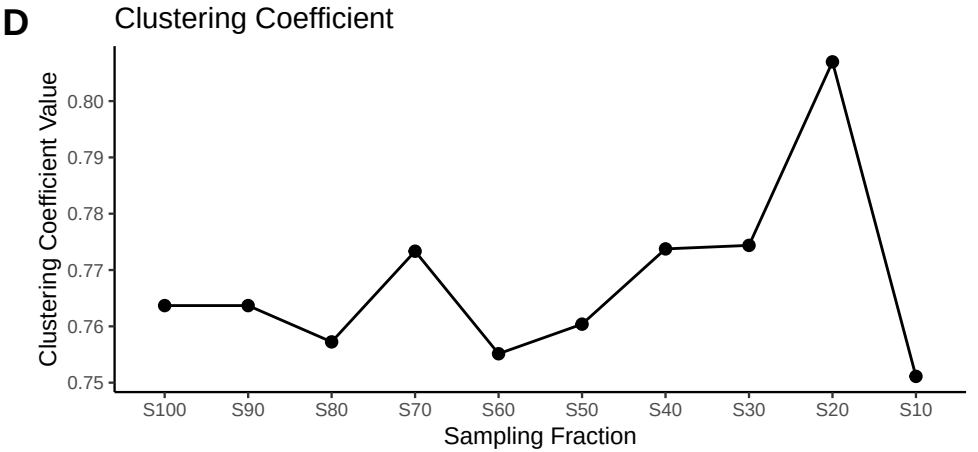


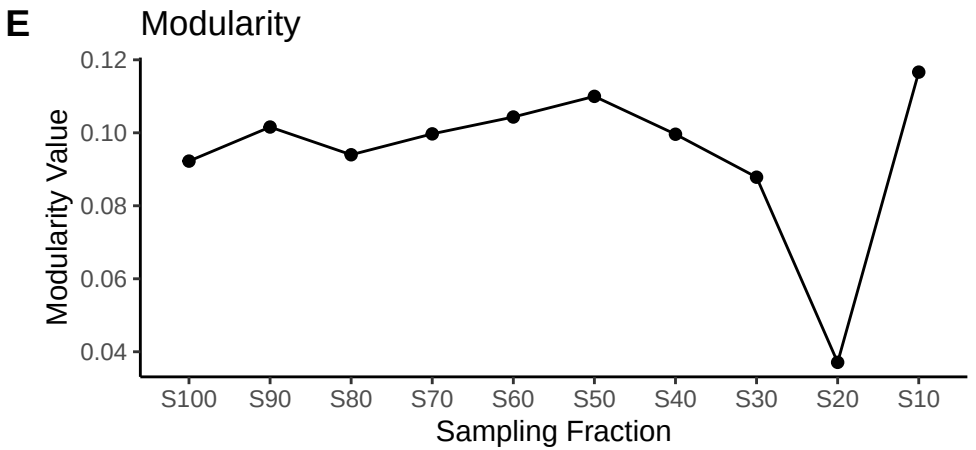
−60to−40_network_19



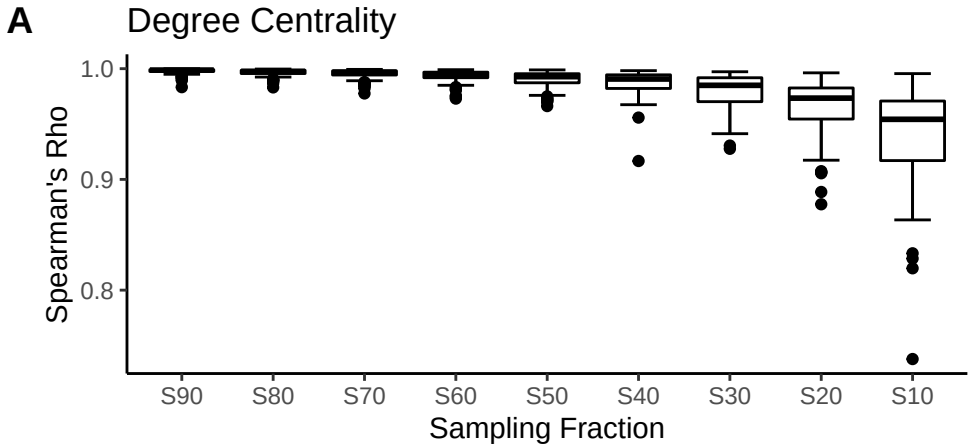


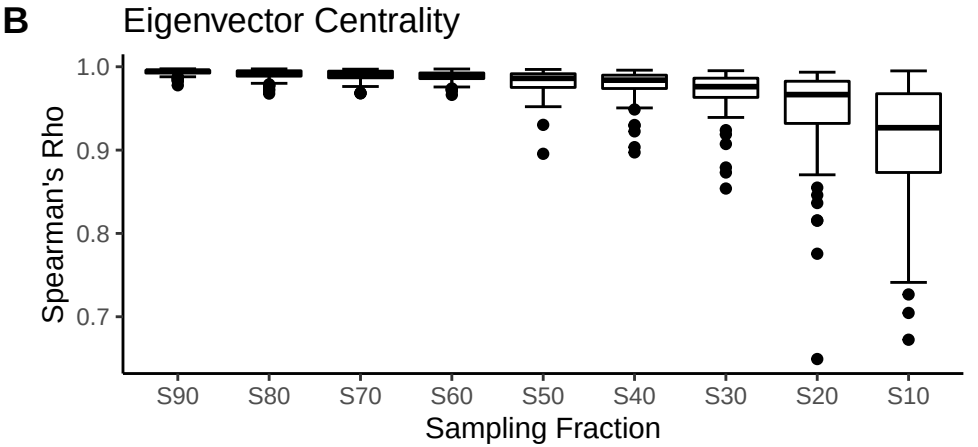


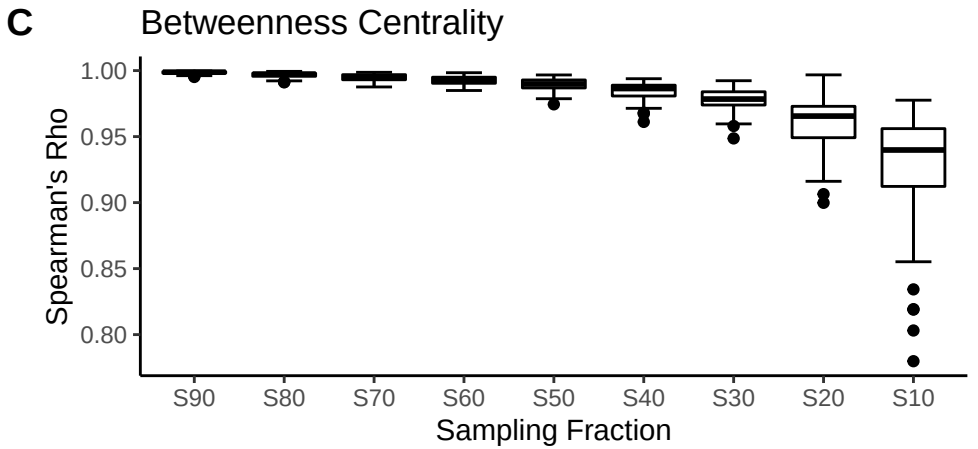


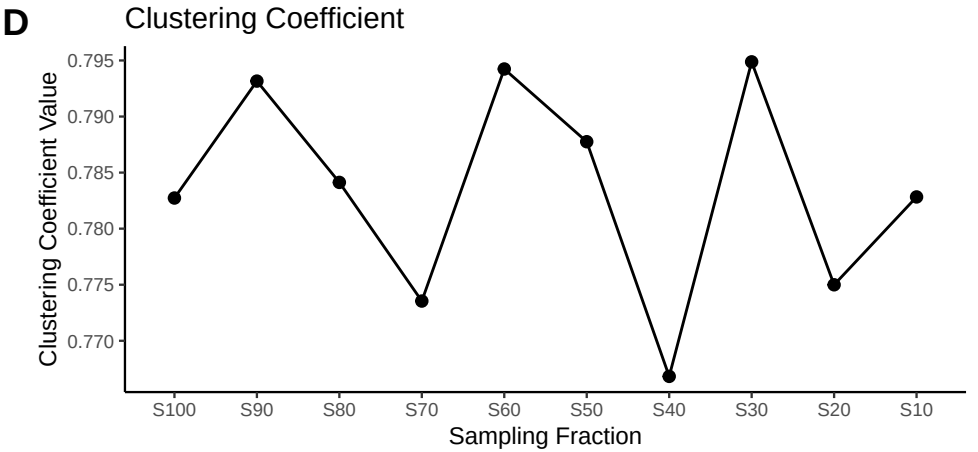


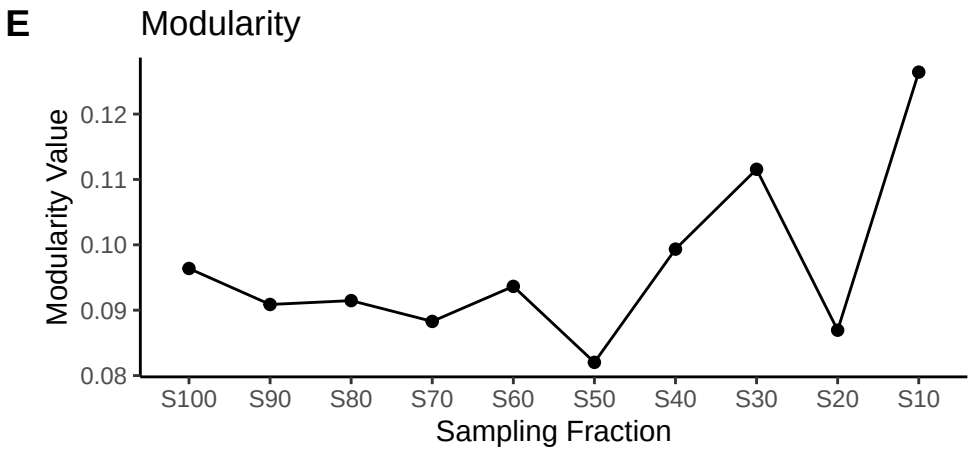
−60to−40_network_38



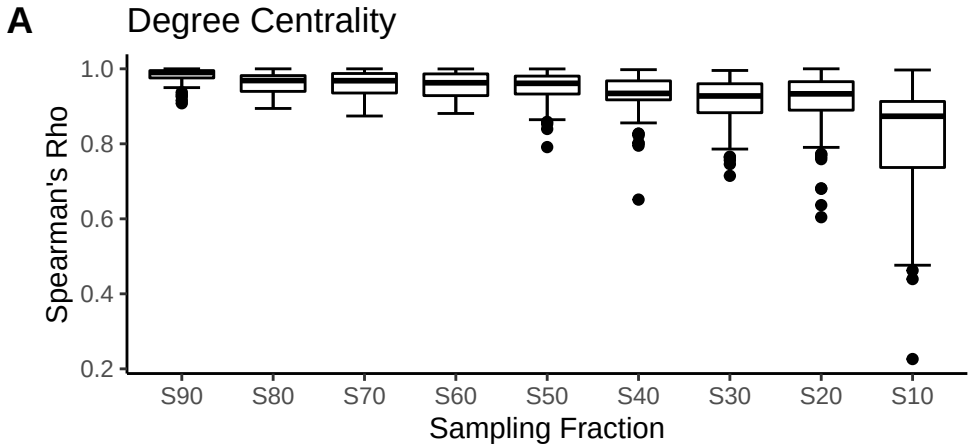


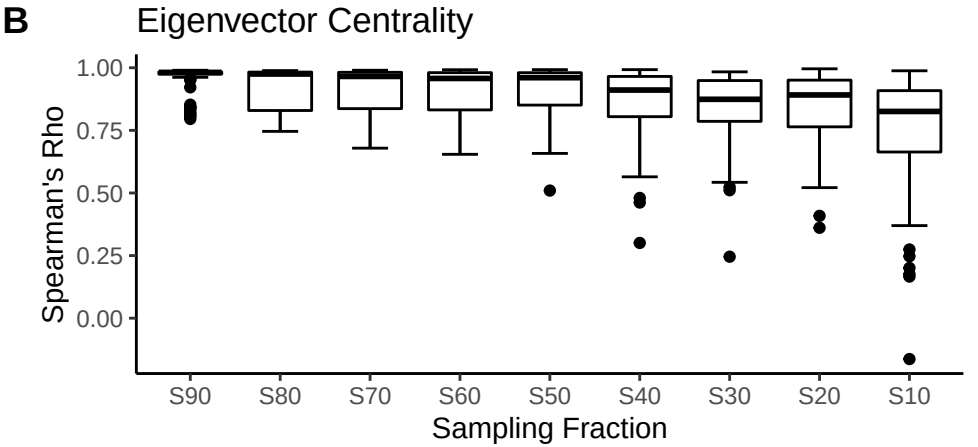


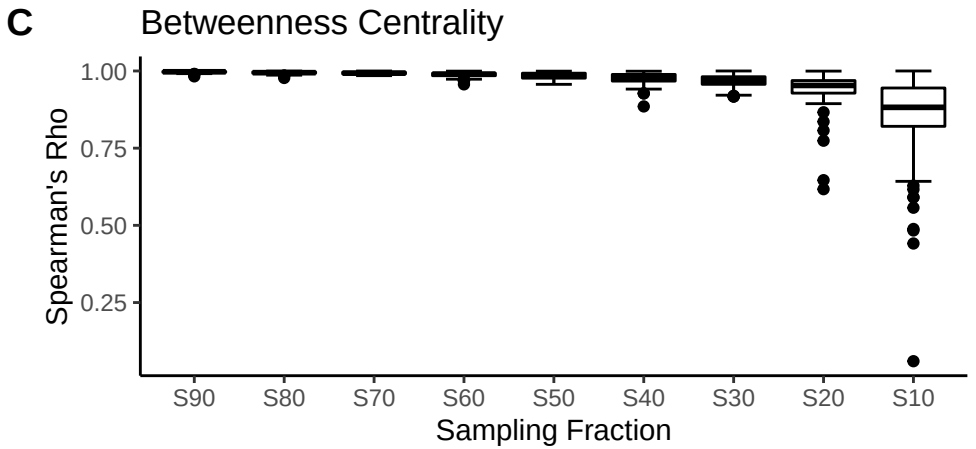


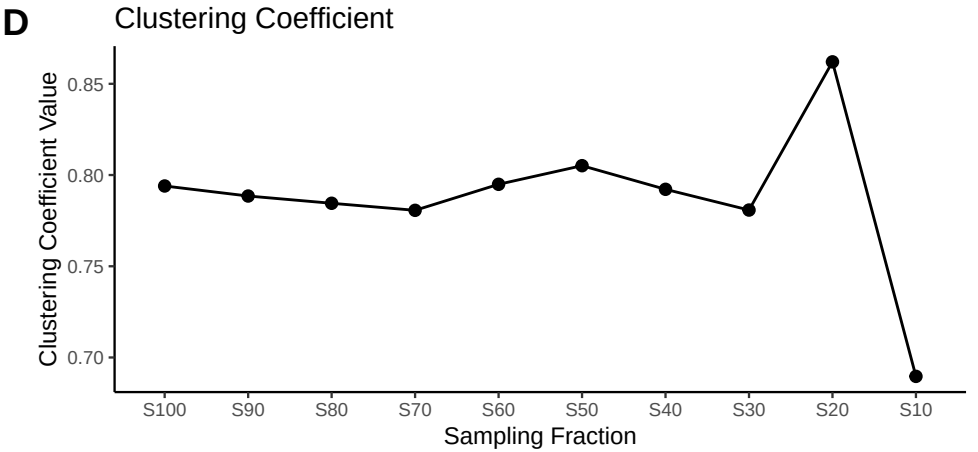


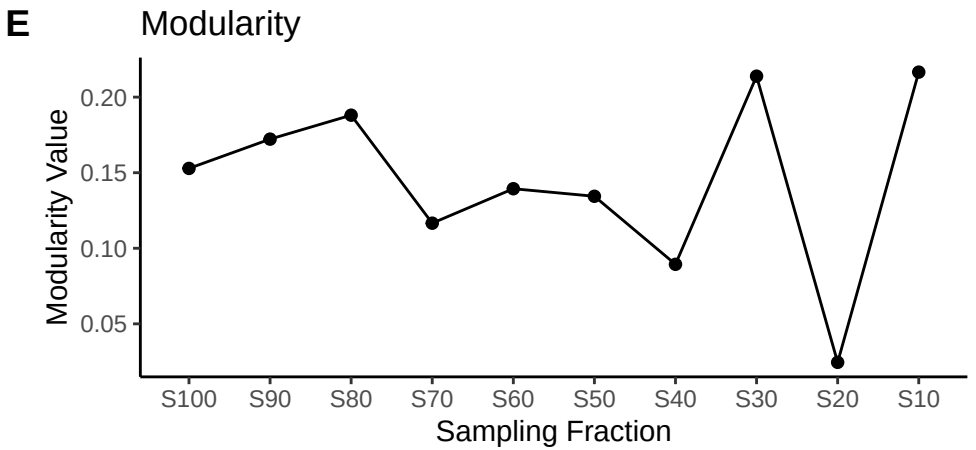
−40to−20_network_1



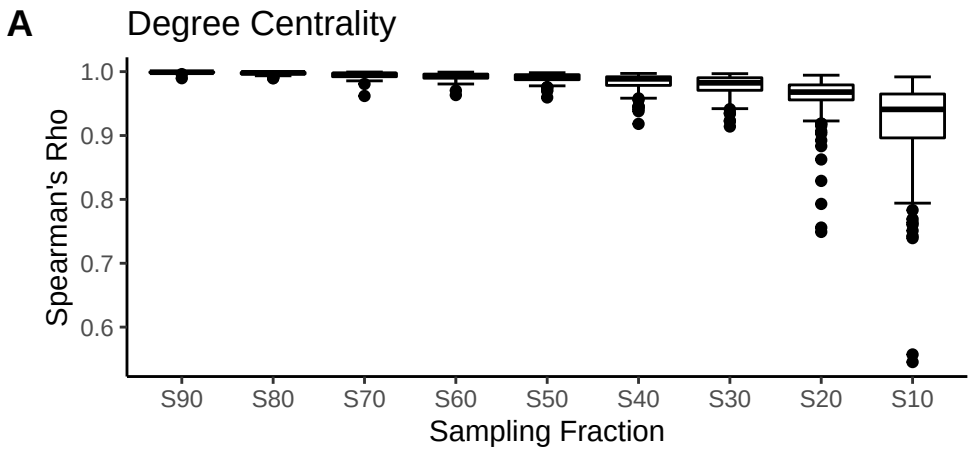


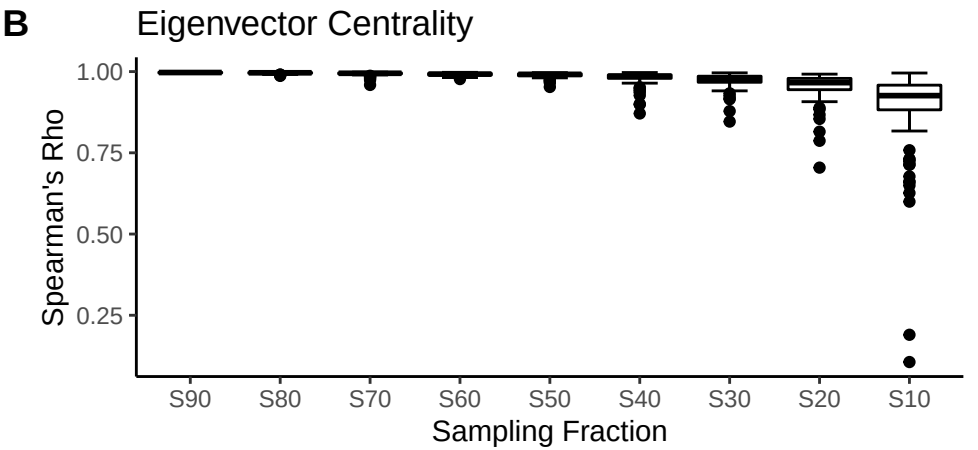


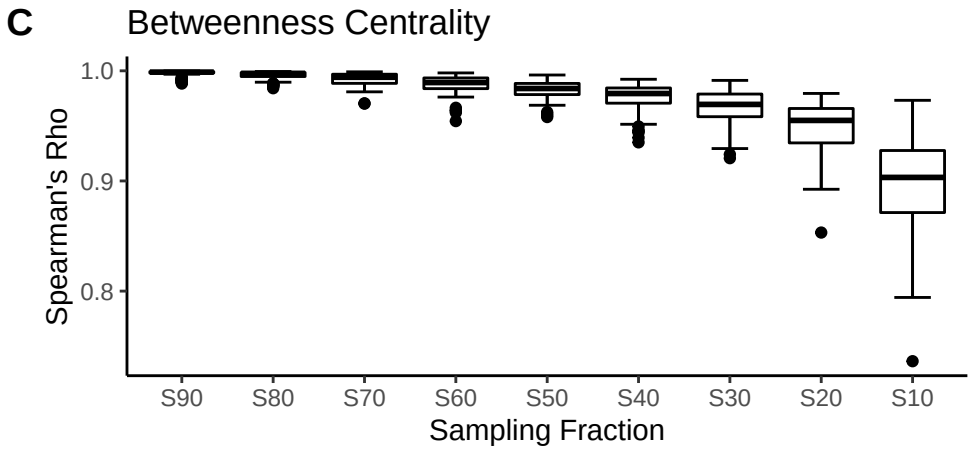


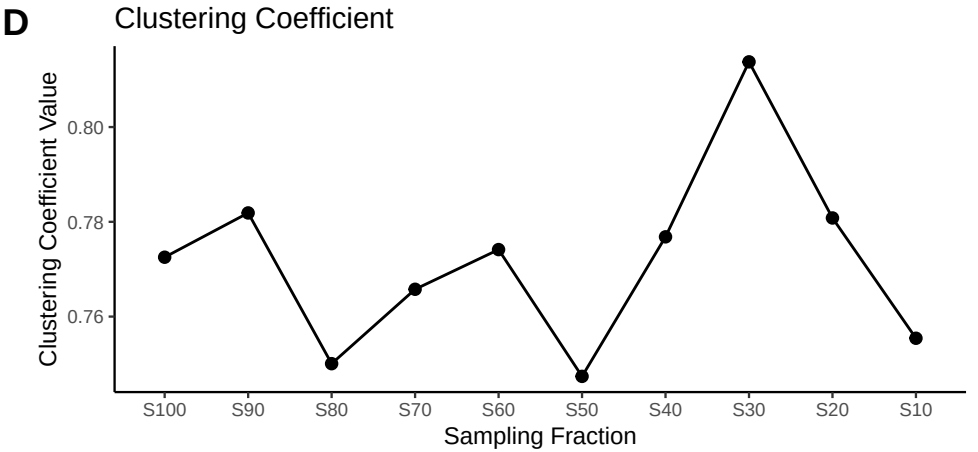


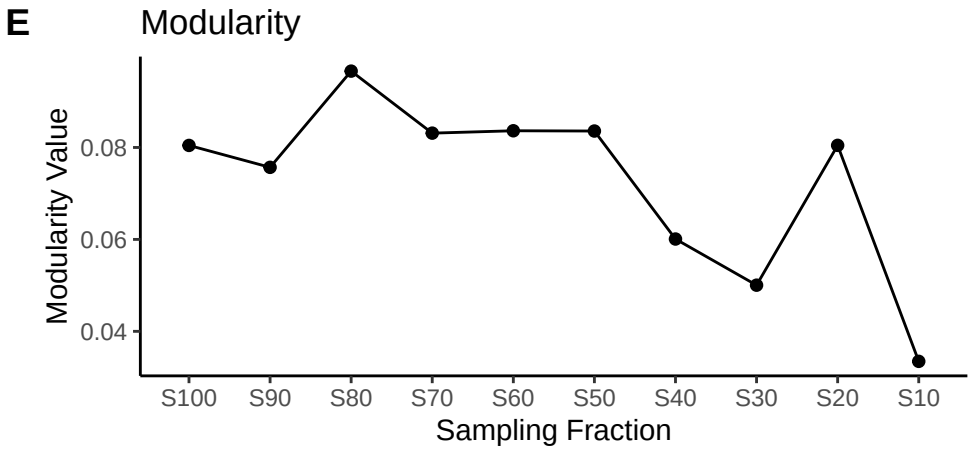
−40to−20_network_19



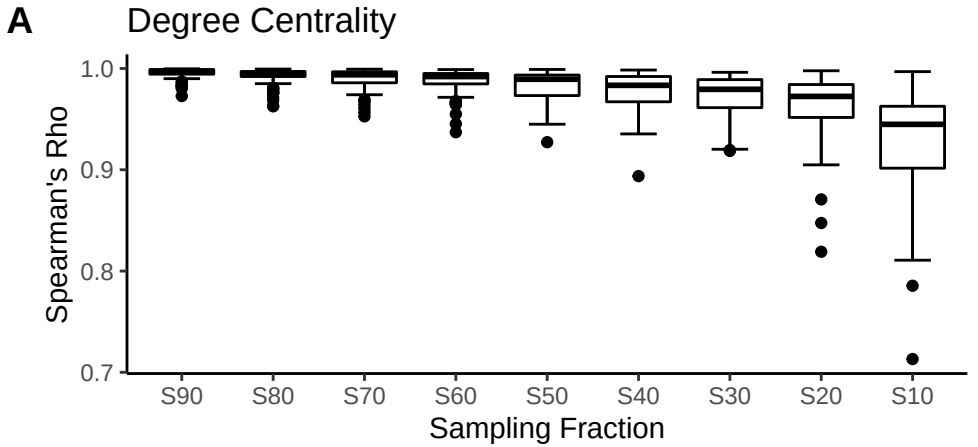


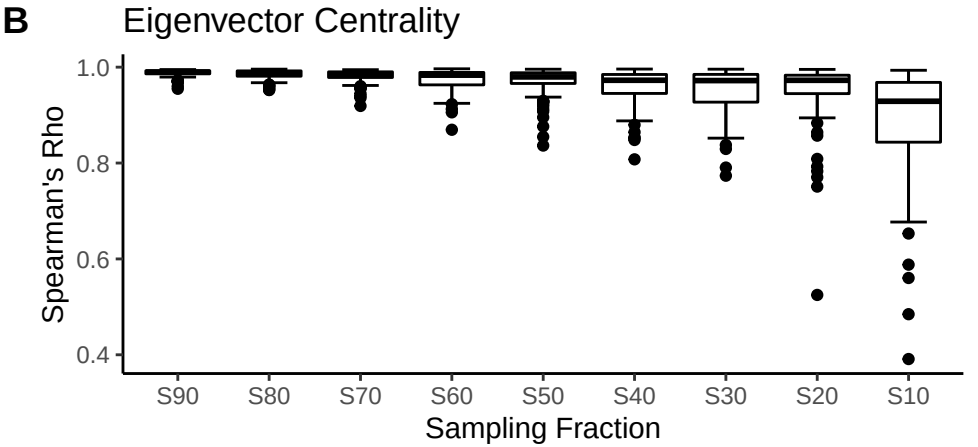


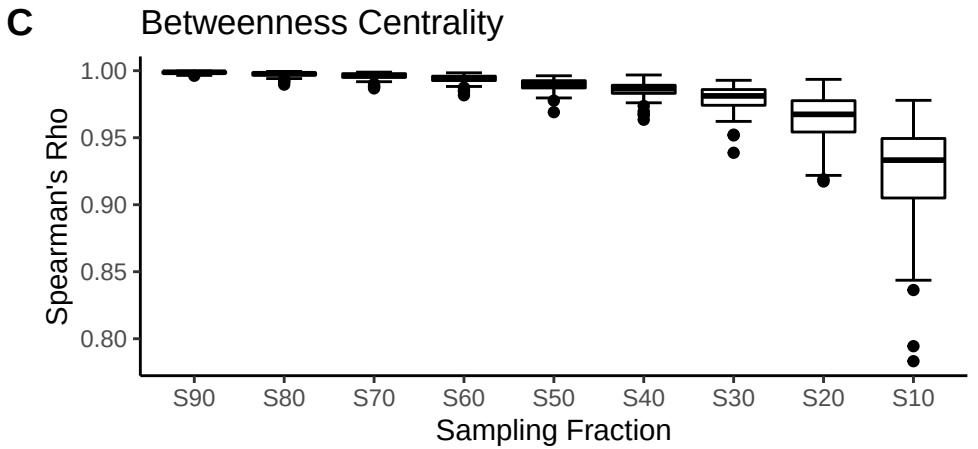


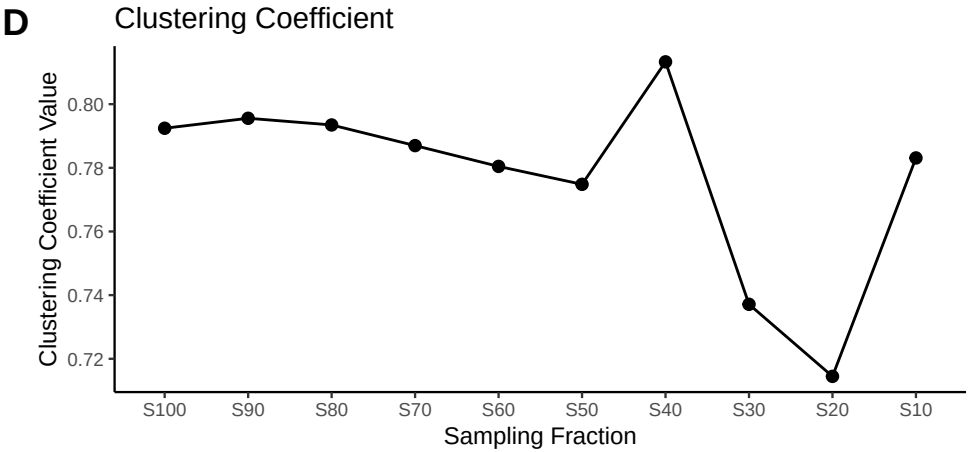


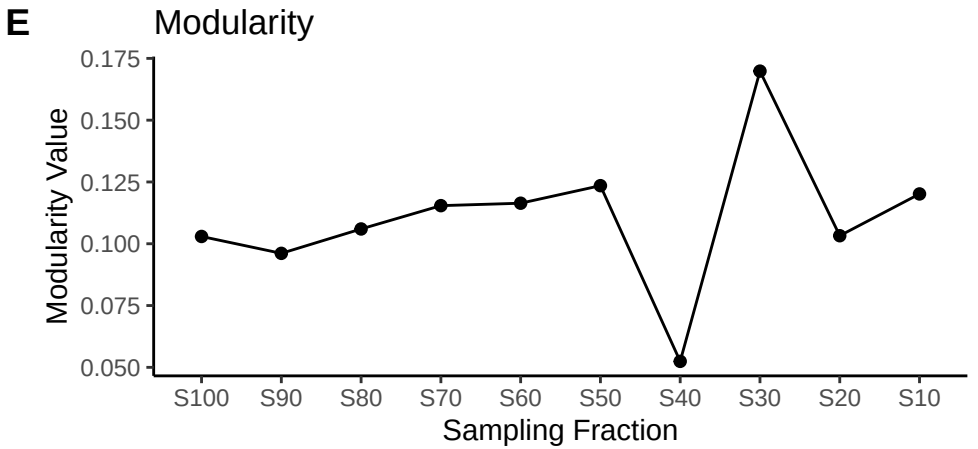
−40to−20_network_37



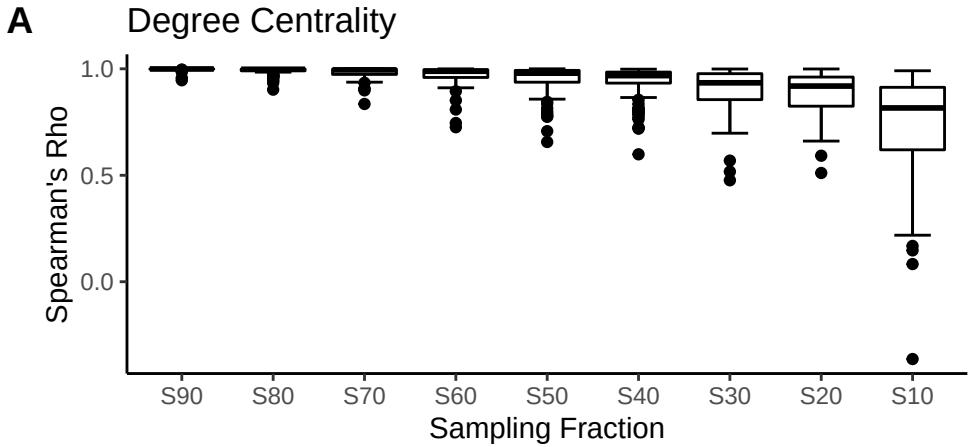


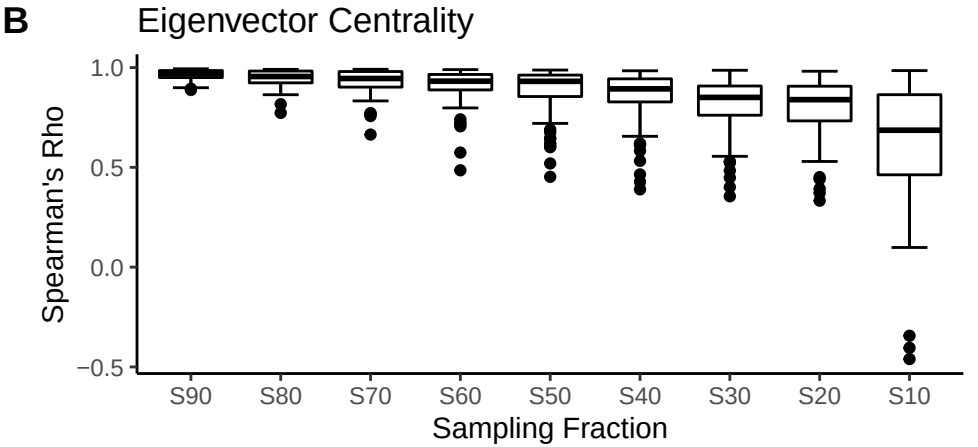


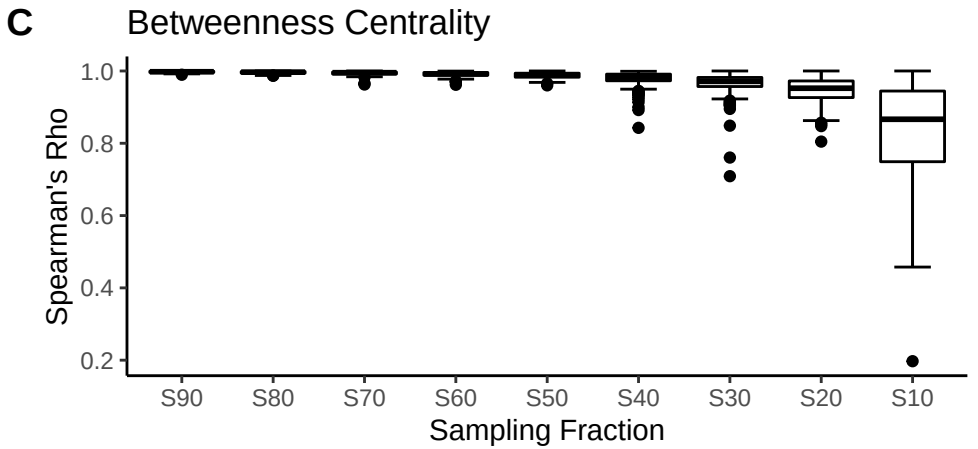


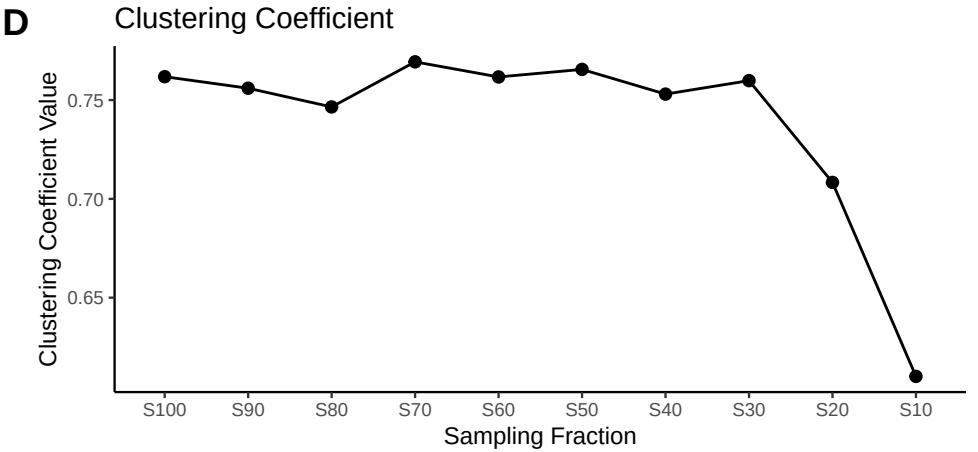


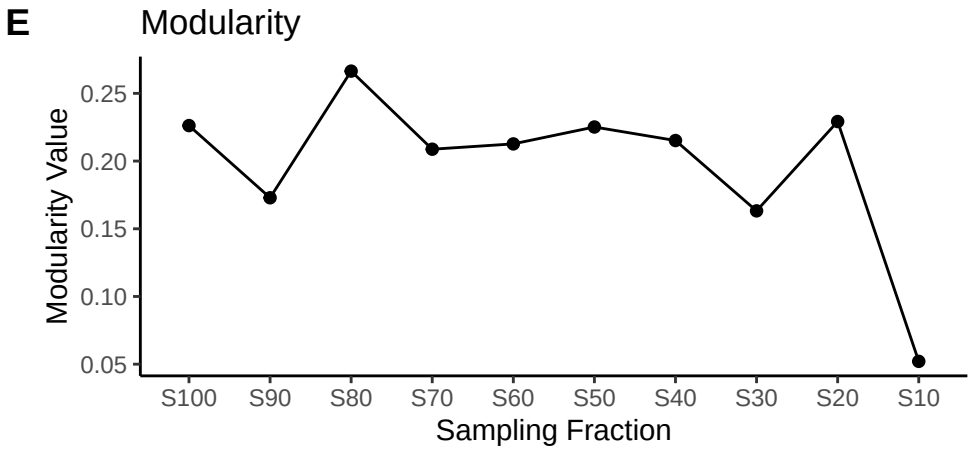
−20to0_network_1



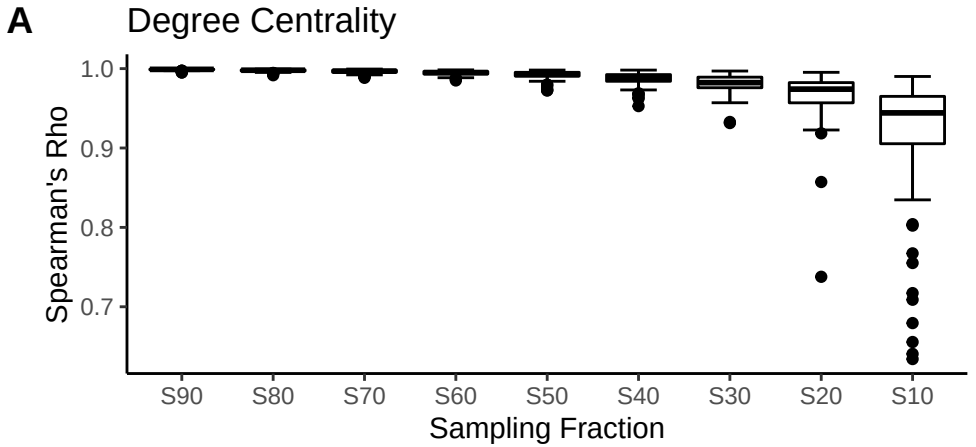


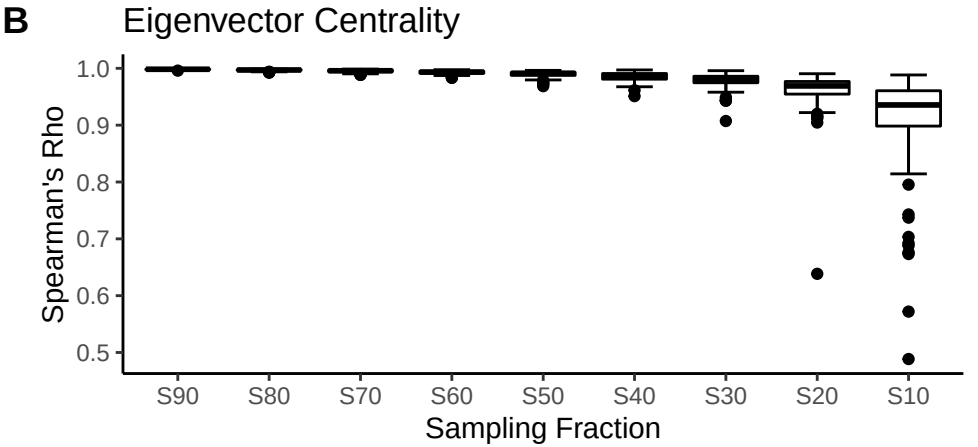


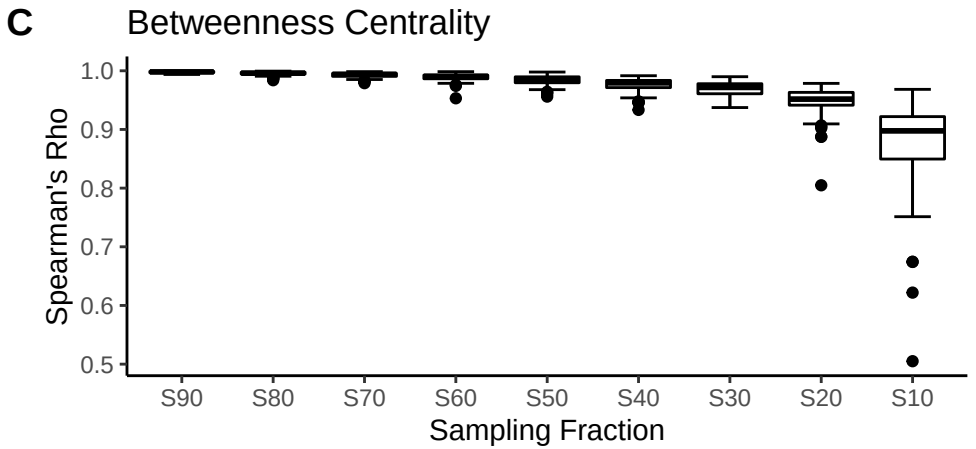


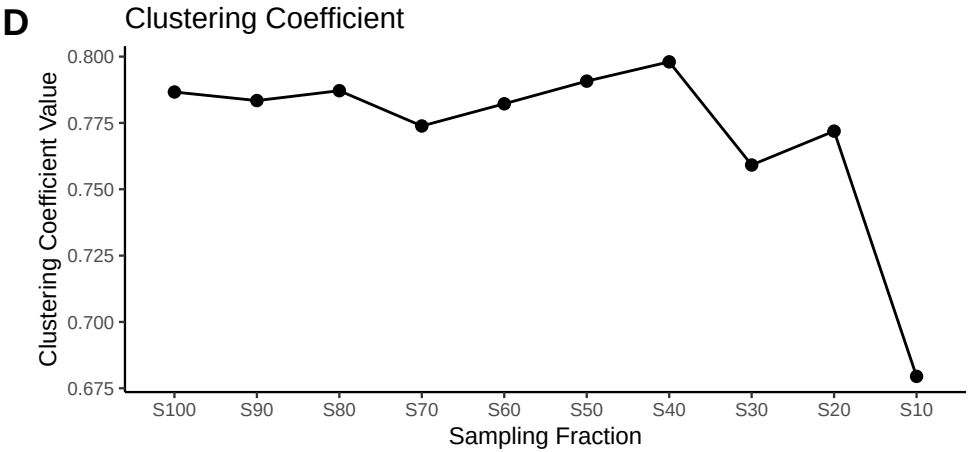


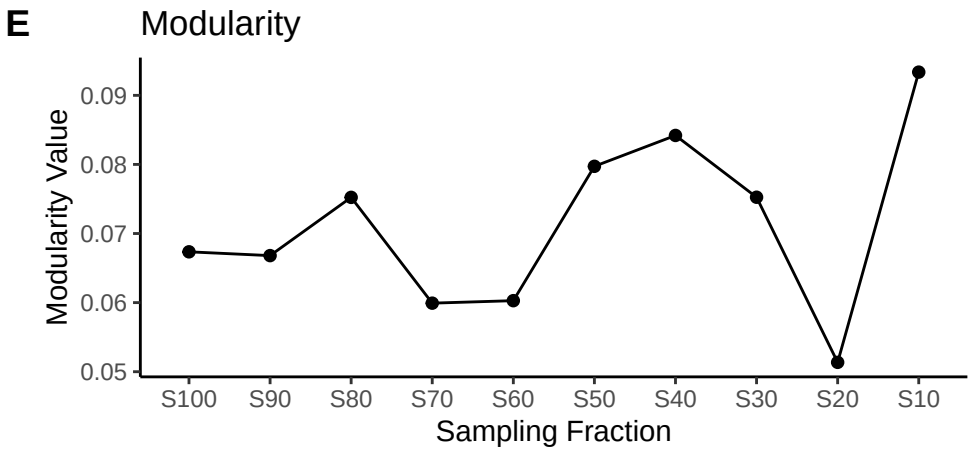
−20to0_network_18



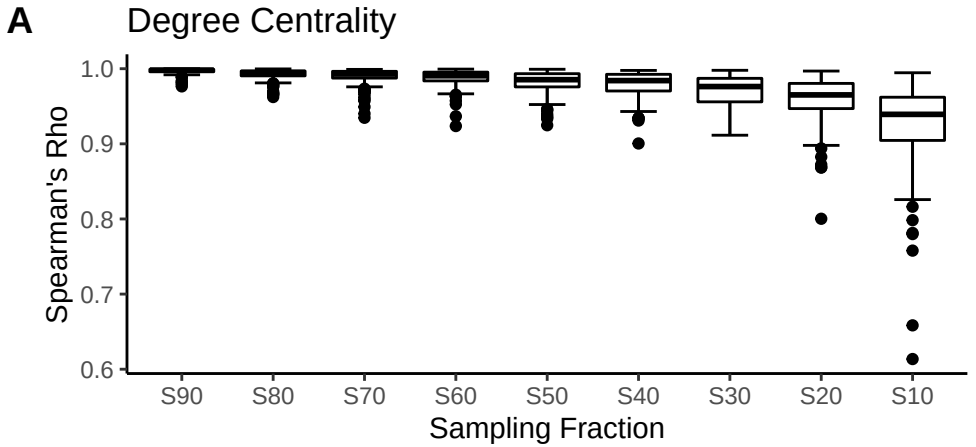


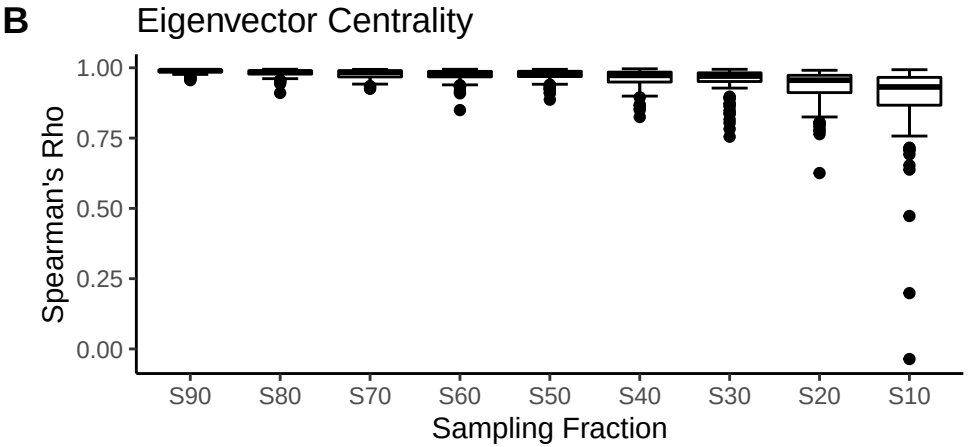


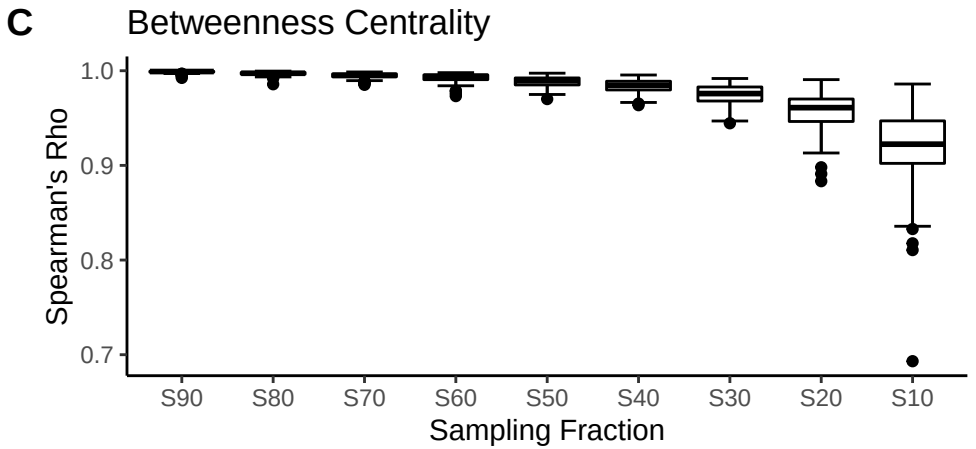


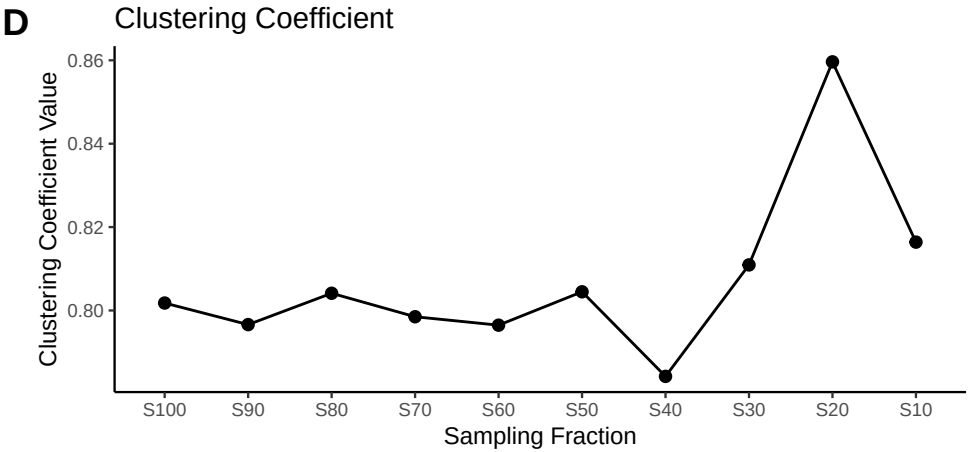


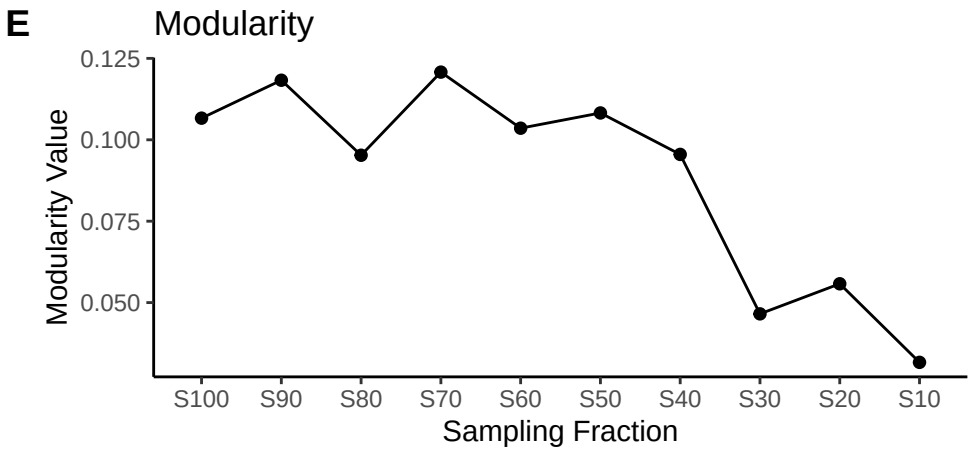
−20to0_network_36

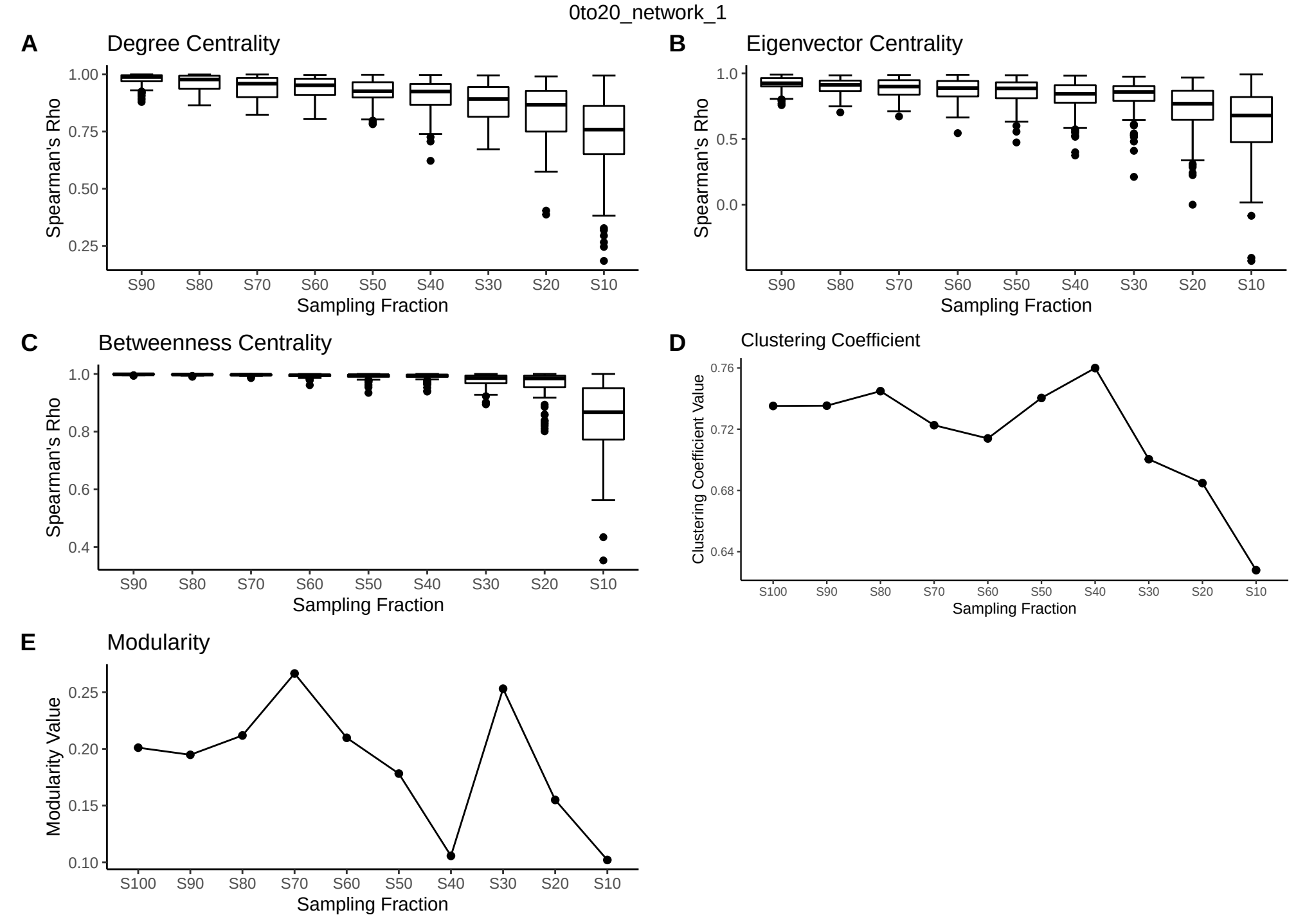


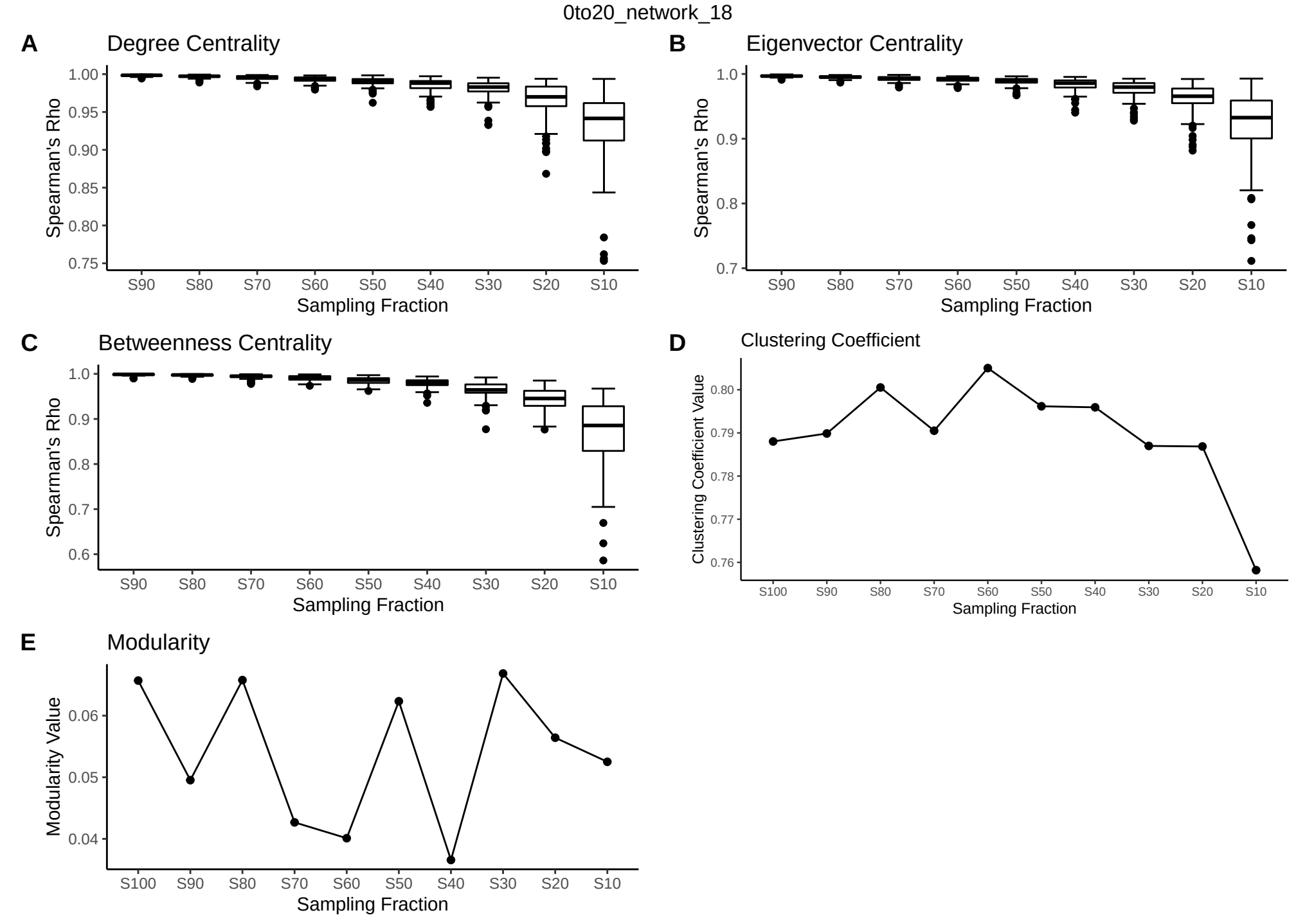


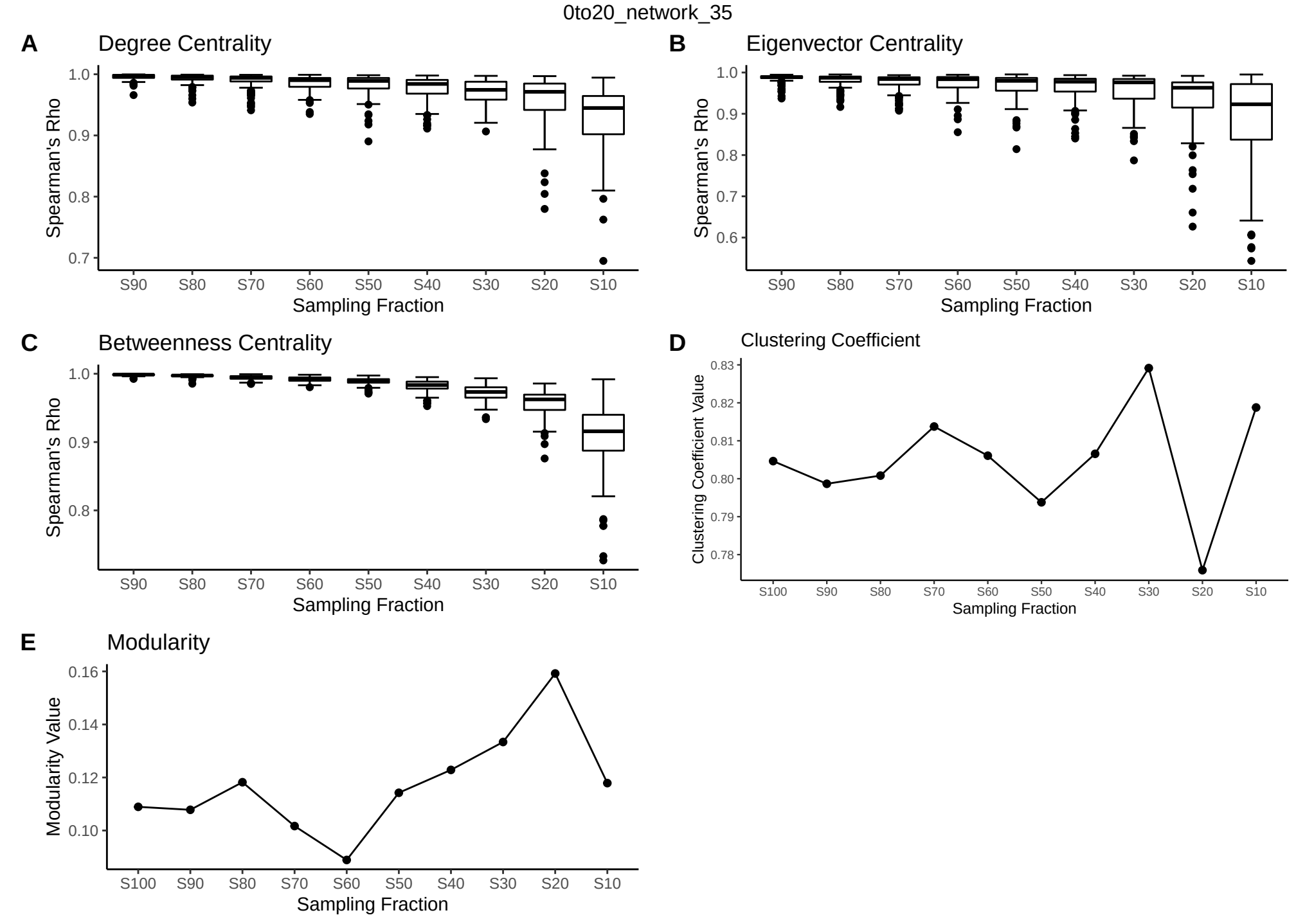


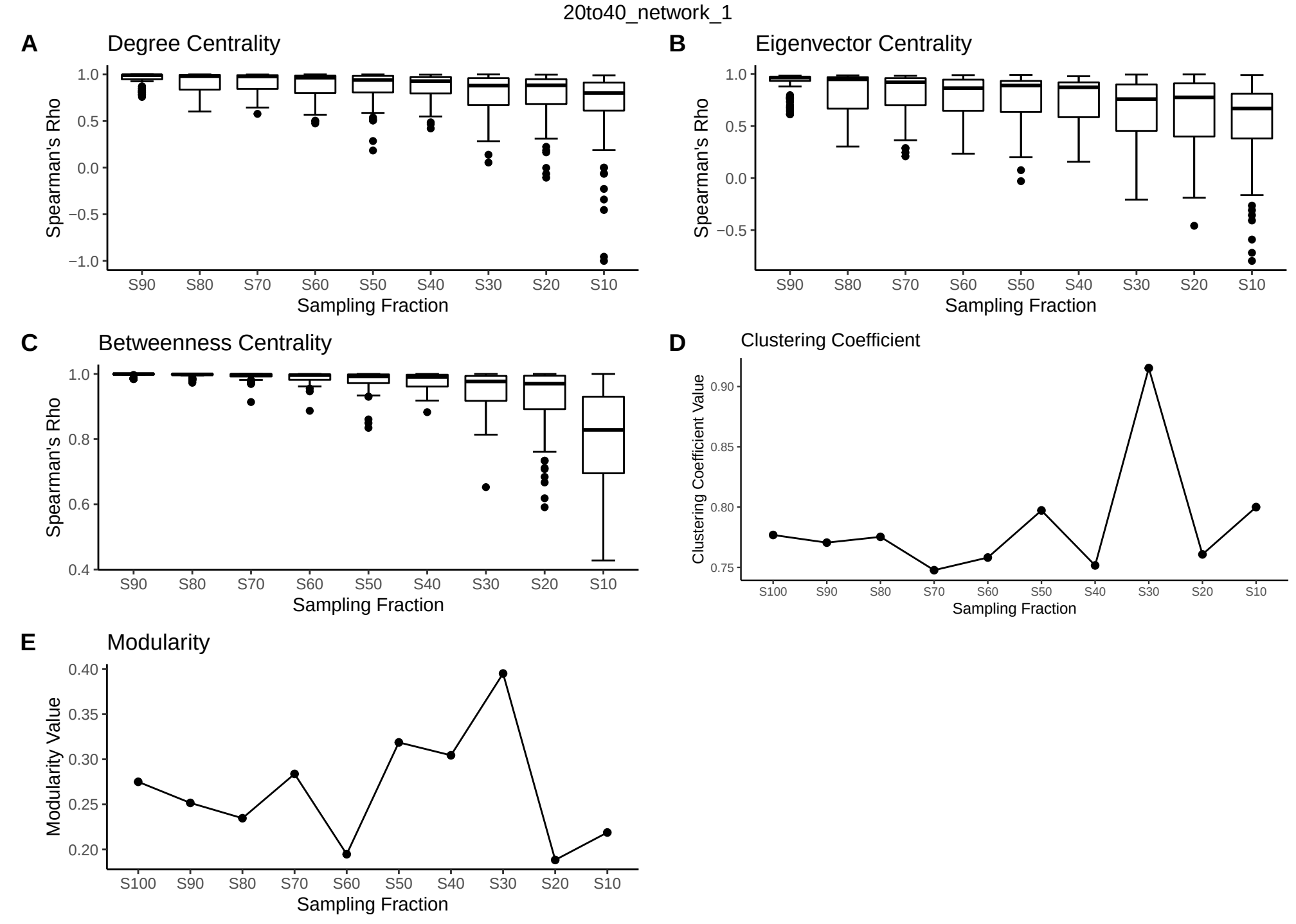


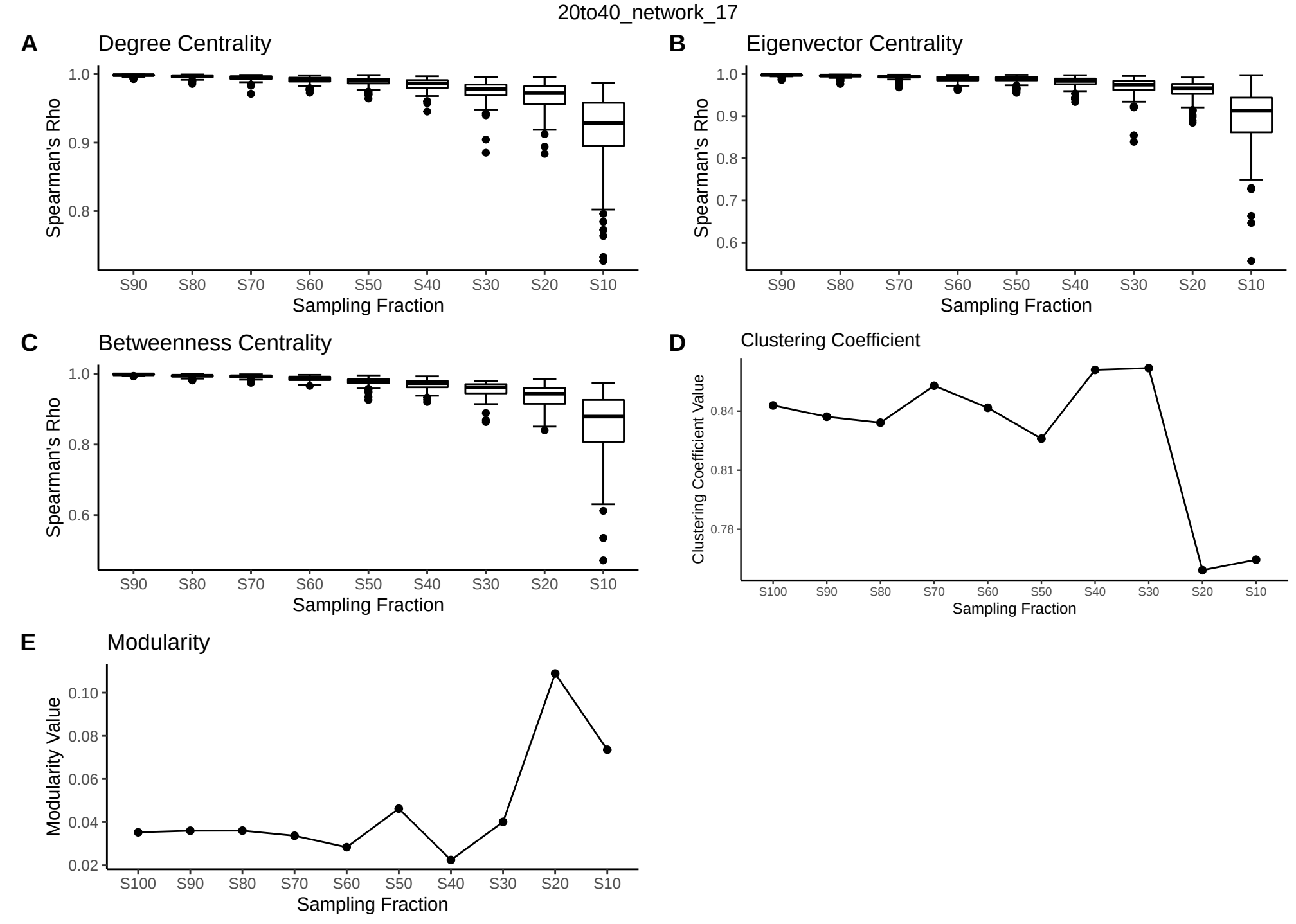



0to20_network_1
A
Degree Centrality
Spearman's Rho
1.00
0.75
0.50
0.25
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.76
0.72
0.68
0.64
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
E
Modularity
Modularity Value
0.25
0.20
0.15
0.10
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction


0to20_network_18
A
Degree Centrality
Spearman's Rho
1.00
0.95
0.90
0.85
0.80
0.75
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.80
0.79
0.78
0.77
0.76
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
E
Modularity
Modularity Value
0.06
0.05
0.04
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction


0to20_network_35
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.83
0.82
0.81
0.80
0.79
0.78
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
E
Modularity
Modularity Value
0.16
0.14
0.12
0.10
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction


20to40_network_1
A
Degree Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
−1.0
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.90
0.85
0.80
0.75
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
E
Modularity
Modularity Value
0.40
0.35
0.30
0.25
0.20
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction

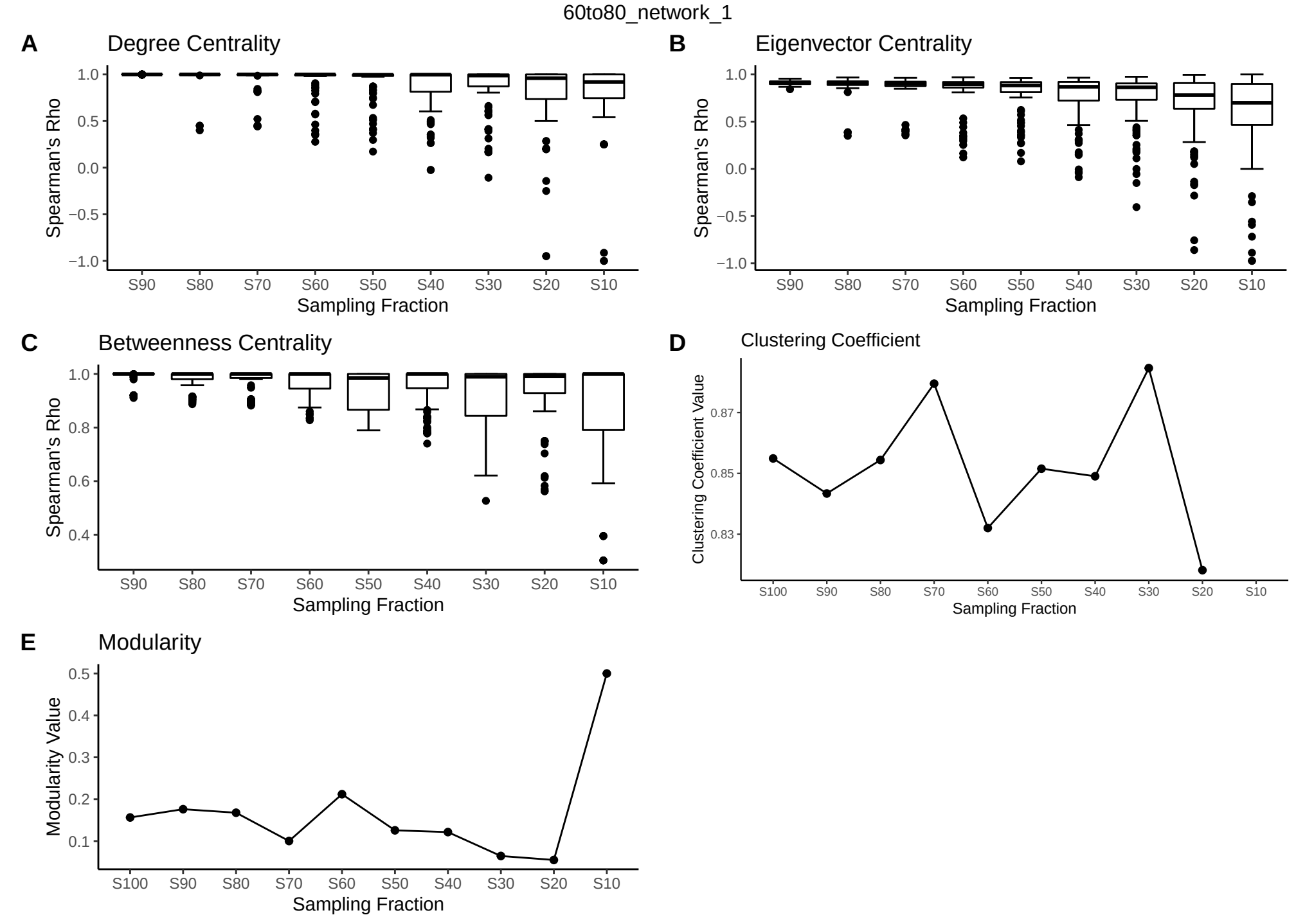

20to40_network_17
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.84
0.81
0.78
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
E
Modularity
Modularity Value
0.10
0.08
0.06
0.04
0.02
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction

20to40_network_34
A
Degree Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.00
0.95
0.90
0.85
0.80
0.75
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.83
0.82
0.81
0.80
0.79
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.14
0.12
0.10
0.08
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

40to60_network_1
A
Degree Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
−1.0
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
0.2
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.82
0.80
0.78
0.76
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
E
Modularity
Modularity Value
0.3
0.2
0.1
0.0
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction

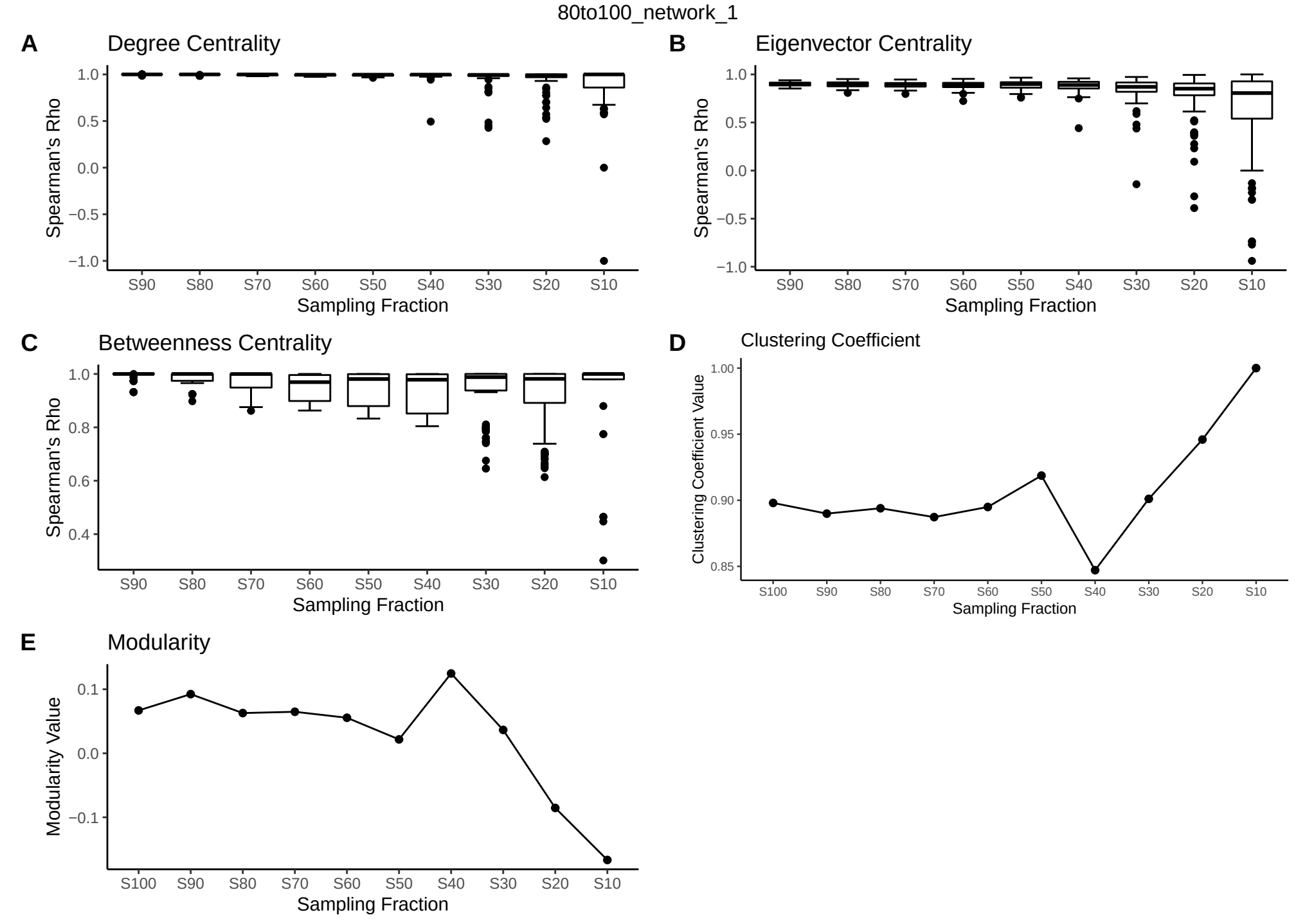
40to60_network_17
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.8
0.6
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
0.5
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.88
0.86
0.84
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
E
Modularity
Modularity Value
0.00
−0.05
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction

40to60_network_33
A
Degree Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
0.2
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.87
0.85
0.83
0.81
0.79
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.15
0.10
0.05
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

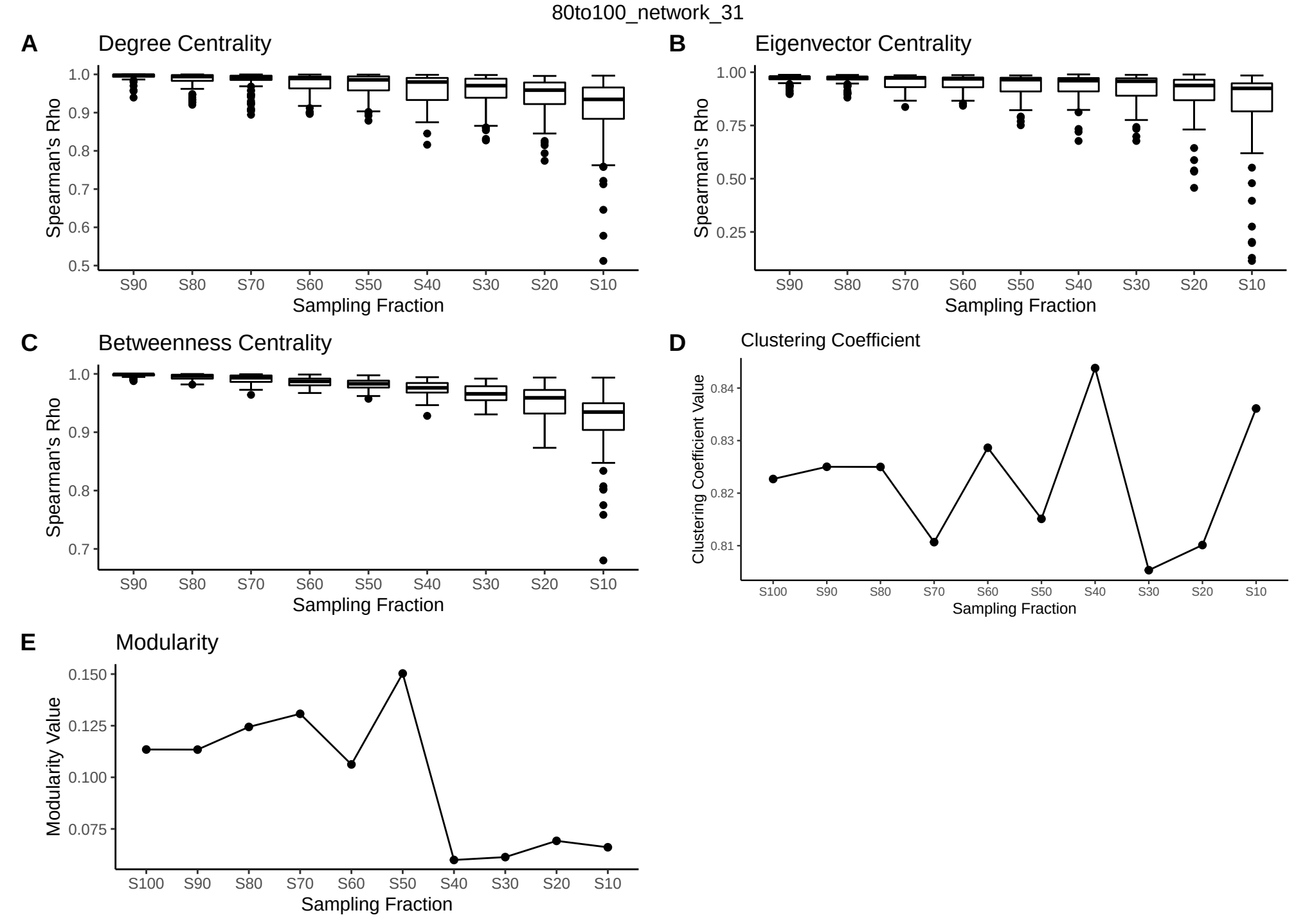

60to80_network_1
A
Degree Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
−1.0
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.87
0.85
0.83
S100
Sampling Fraction
E
Modularity
Modularity Value
0.5
0.4
0.3
0.2
0.1
Sampling Fraction

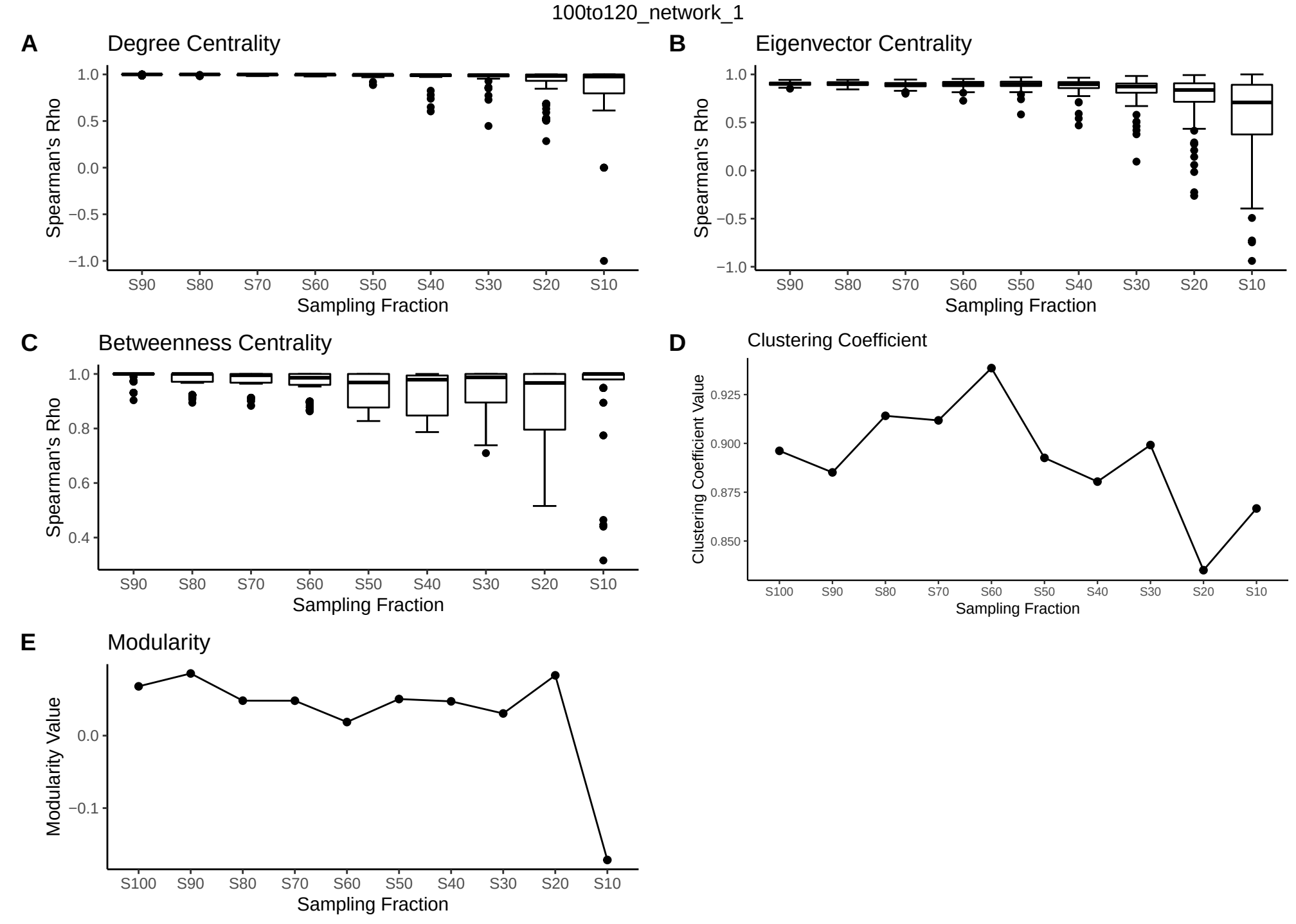
60to80_network_16
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.88
0.84
0.80
0.76
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.00
−0.05
−0.10
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

60to80_network_32
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.00
0.75
0.50
0.25
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.87
0.84
0.81
0.78
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.10
0.05
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

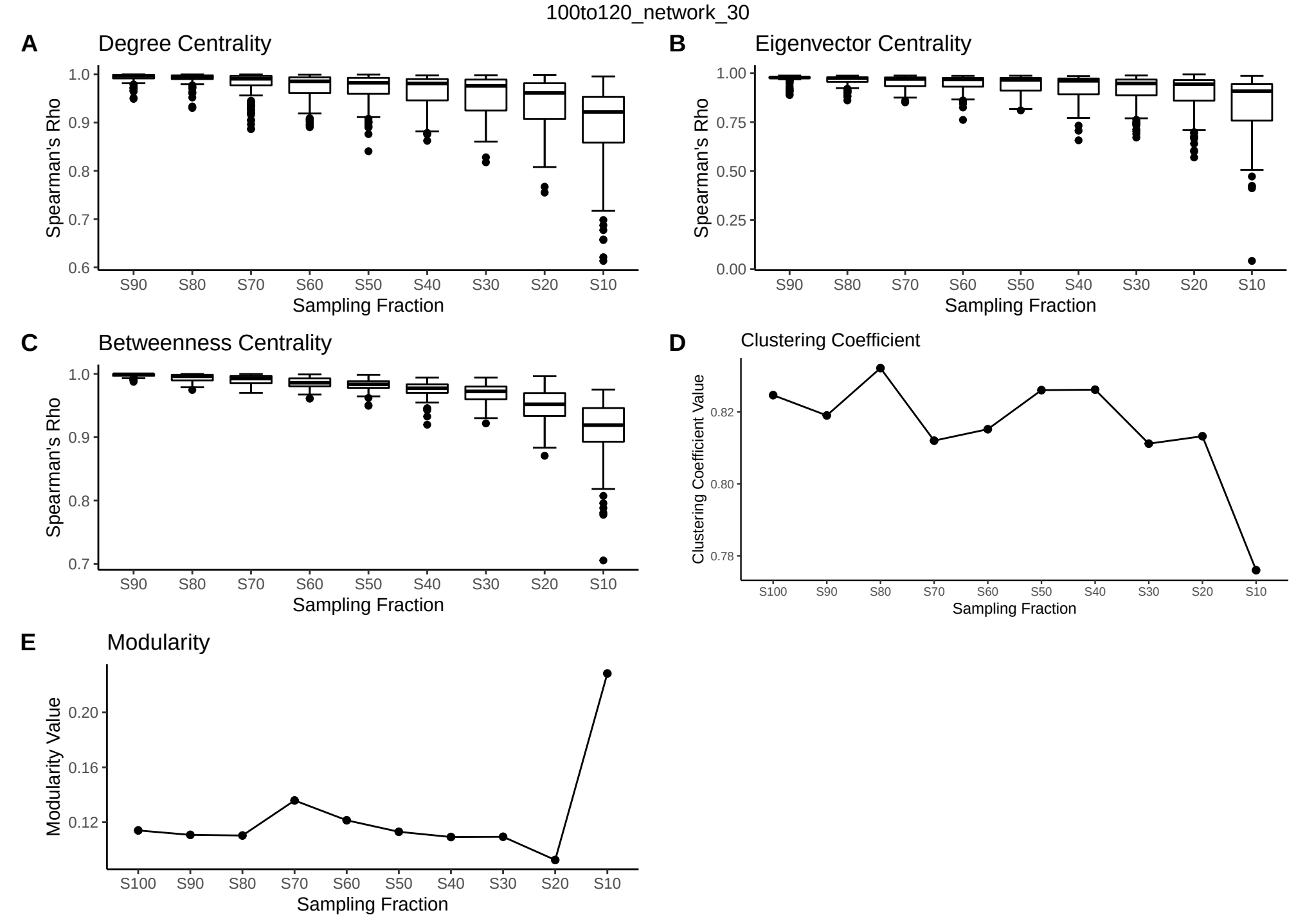

80to100_network_1
A
Degree Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
−1.0
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
1.00
0.95
0.90
0.85
S100
Sampling Fraction
E
Modularity
Modularity Value
0.1
0.0
−0.1
Sampling Fraction

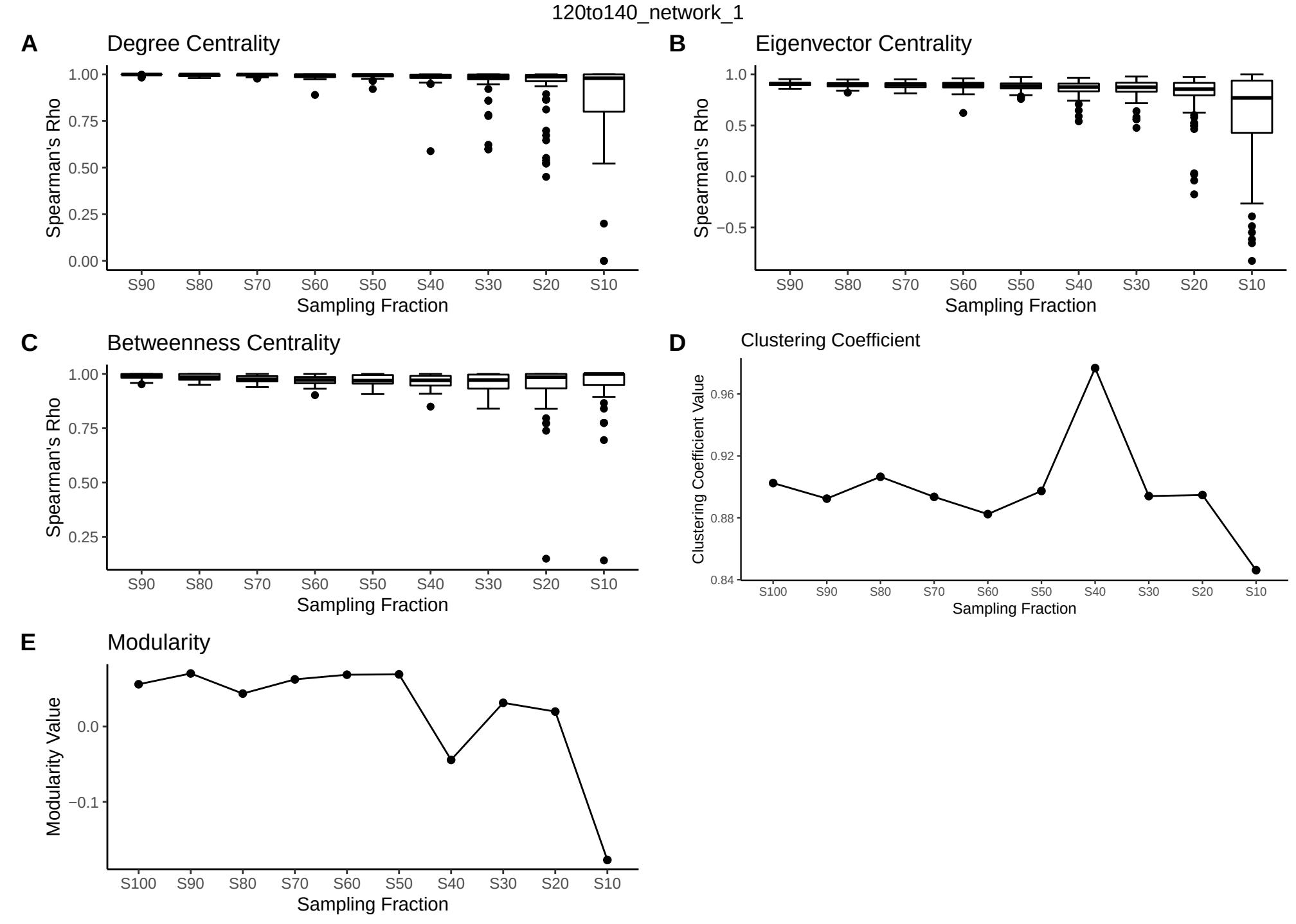
80to100_network_16
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.00
0.75
0.50
0.25
0.00
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.90
0.88
0.86
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.03
0.02
0.01
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction


80to100_network_31
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.00
0.75
0.50
0.25
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.84
0.83
0.82
0.81
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.150
0.125
0.100
0.075
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction


100to120_network_1
A
Degree Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
−1.0
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.925
0.900
0.875
0.850
S100
Sampling Fraction
E
Modularity
Modularity Value
0.0
−0.1
Sampling Fraction

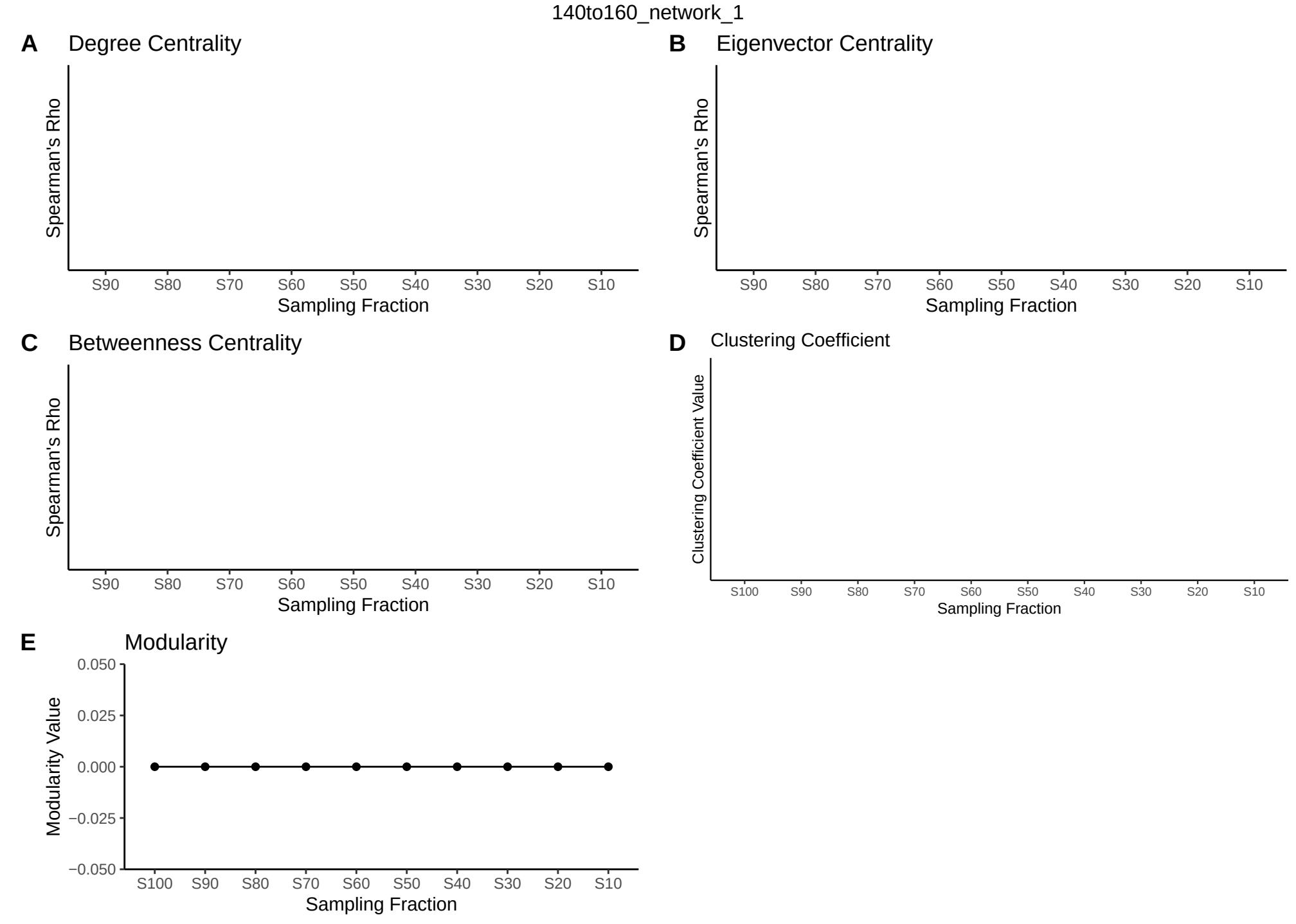
100to120_network_15
A
Degree Centrality
Spearman's Rho
1.0
0.8
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.00
0.75
0.50
0.25
0.00
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.90
0.88
0.86
0.84
0.82
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.0250
0.0225
0.0200
0.0175
0.0150
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction


100to120_network_30
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.00
0.75
0.50
0.25
0.00
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.82
0.80
0.78
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
E
Modularity
Modularity Value
0.20
0.16
0.12
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction


120to140_network_1
A
Degree Centrality
Spearman's Rho
1.00
0.75
0.50
0.25
0.00
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.00
0.75
0.50
0.25
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.96
0.92
0.88
0.84
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
E
Modularity
Modularity Value
0.0
−0.1
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction

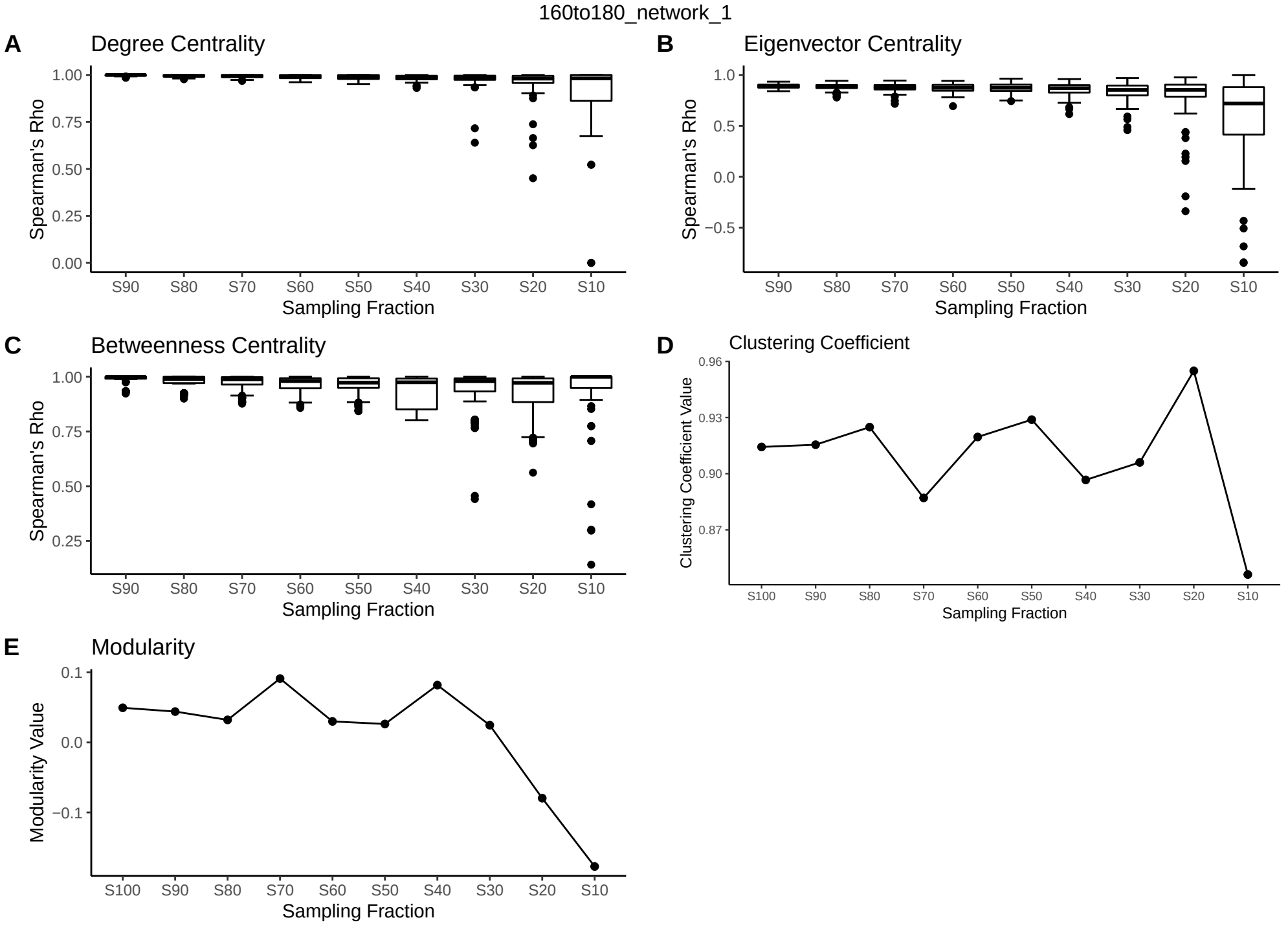
120to140_network_15
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.925
0.900
0.875
0.850
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.04
0.00
−0.04
−0.08
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

120to140_network_29
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.00
0.75
0.50
0.25
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.84
0.82
0.80
0.78
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.150
0.125
0.100
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

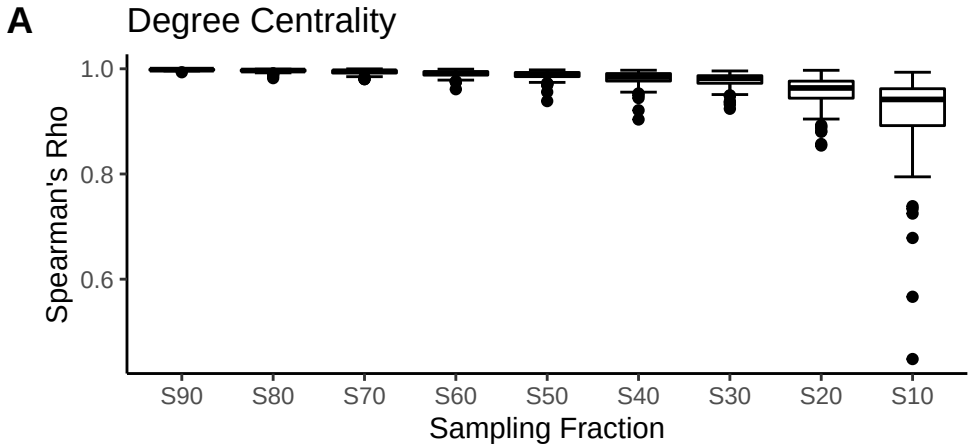

140to160_network_1
A
Degree Centrality
Spearman's Rho
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
E
Modularity
Modularity Value
0.050
0.025
0.000
−0.025
−0.050
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction

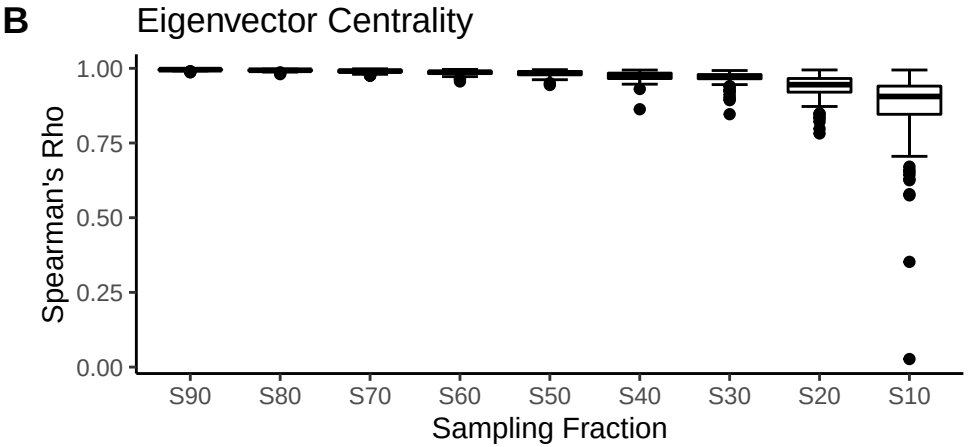
140to160_network_14
A
Degree Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.00
0.75
0.50
0.25
0.00
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.92
0.90
0.88
0.86
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.035
0.030
0.025
0.020
0.015
0.010
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

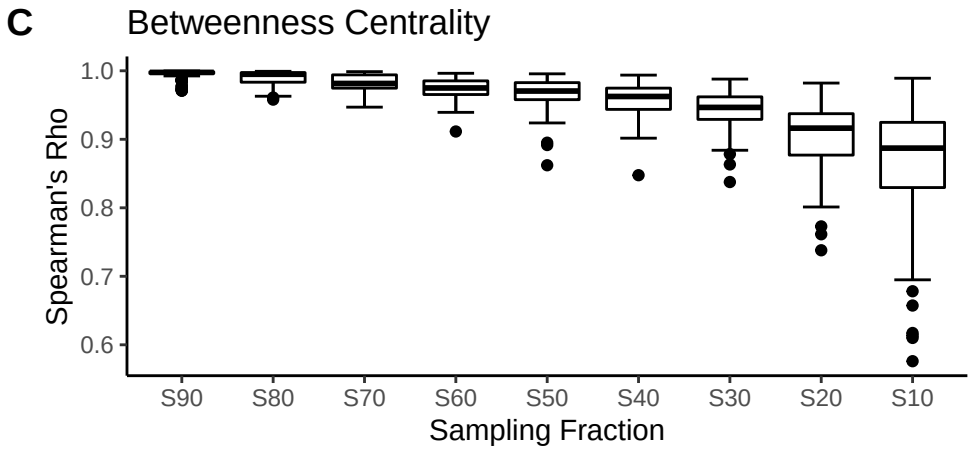
140to160_network_28
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.84
0.82
0.80
0.78
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.14
0.12
0.10
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

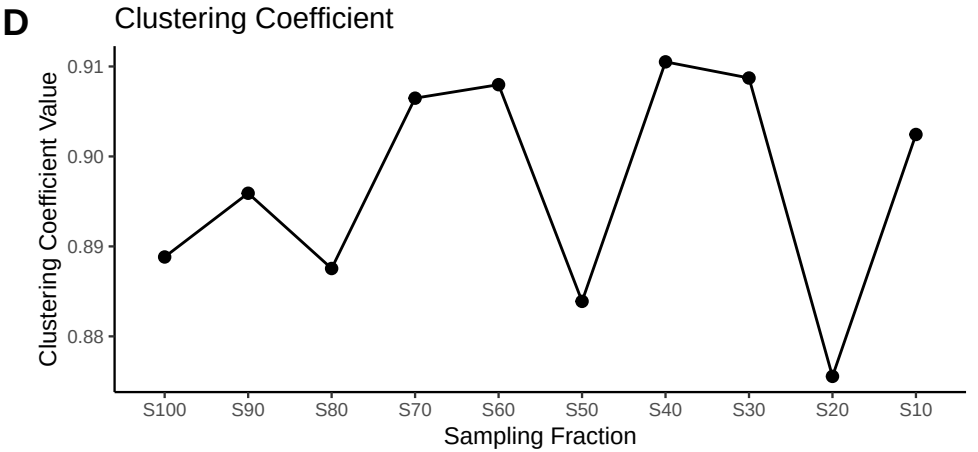

160to180_network_1
A
Degree Centrality
Spearman's Rho
1.00
0.75
0.50
0.25
0.00
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.00
0.75
0.50
0.25
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.96
0.93
0.90
0.87
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
E
Modularity
Modularity Value
0.1
0.0
−0.1
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction

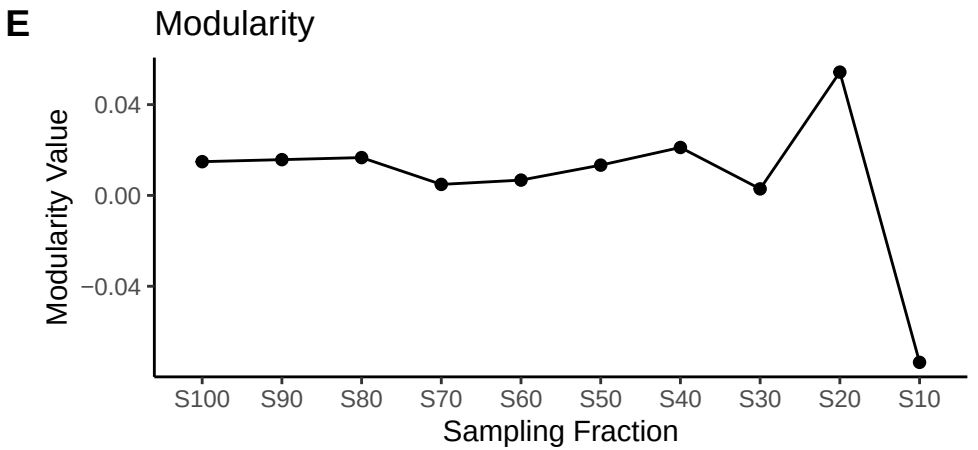
160to180_network_14



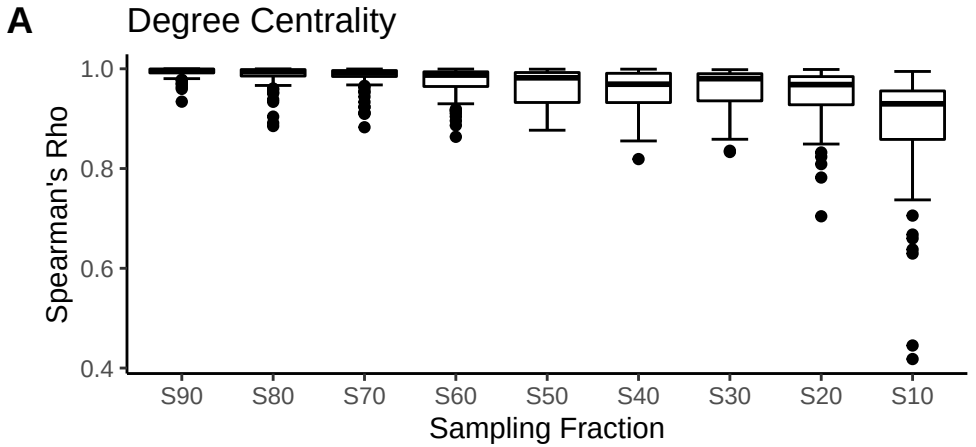


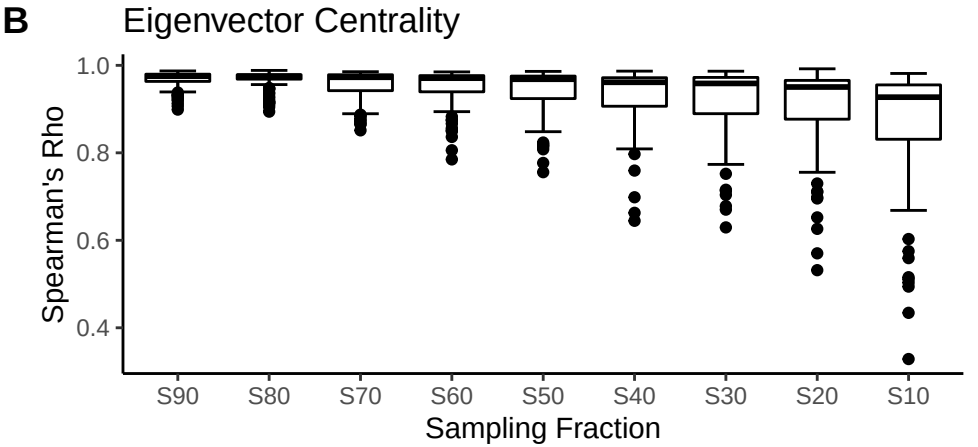


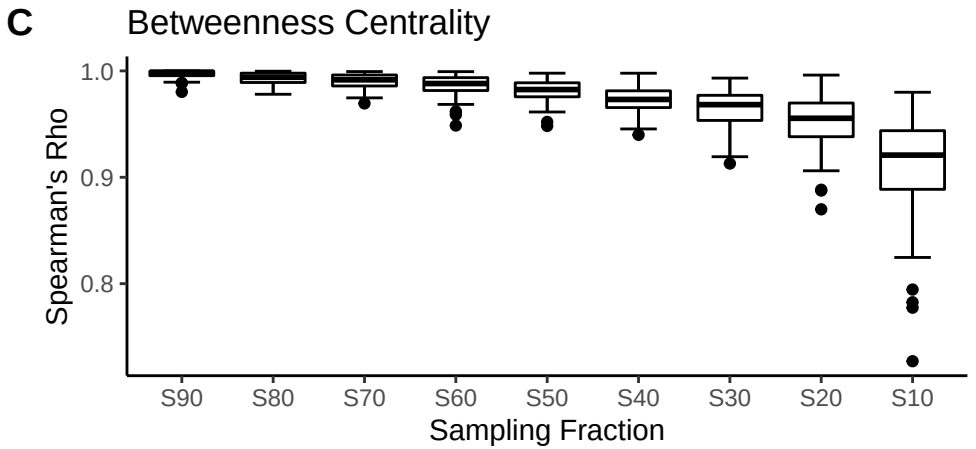


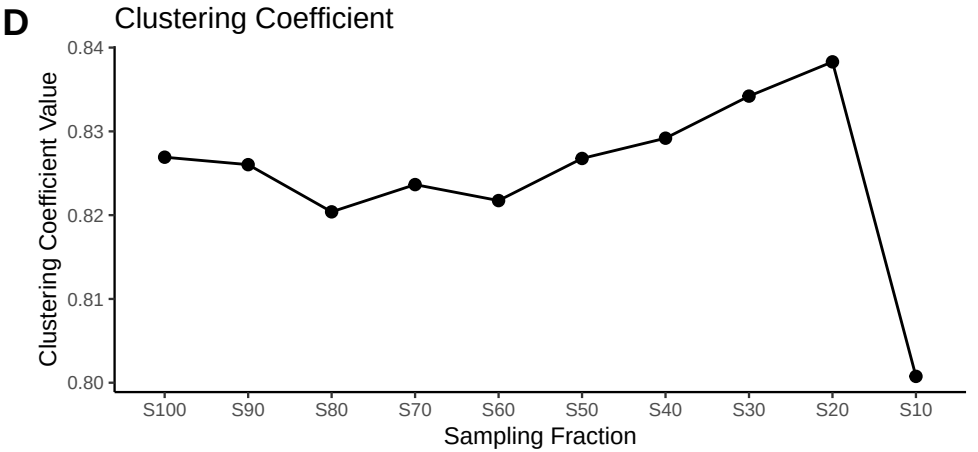


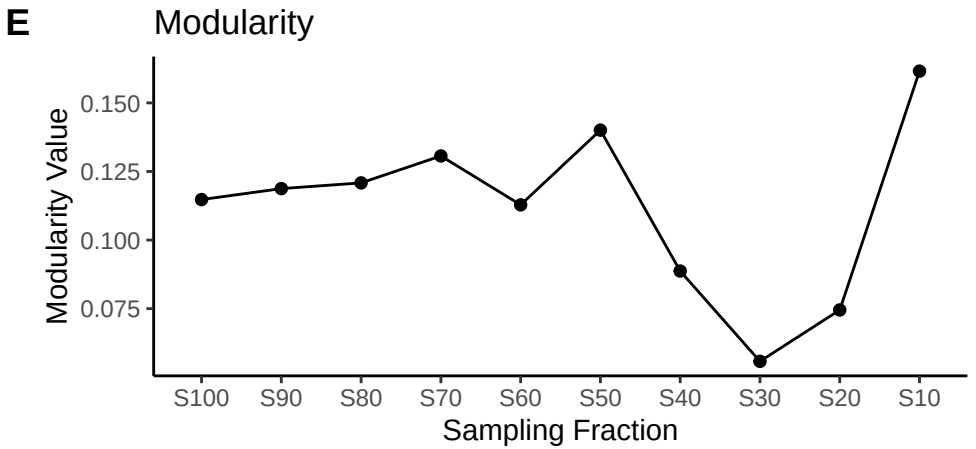
160to180_network_27











180to200_network_1
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
1.000
0.999
0.998
0.997
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
−0.05
−0.10
−0.15
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

180to200_network_13
A
Degree Centrality
Spearman's Rho
1.0
0.8
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.91
0.90
0.89
0.88
0.87
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.03
0.00
−0.03
−0.06
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

180to200_network_26
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.00
0.75
0.50
0.25
0.00
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.84
0.82
0.80
0.78
0.76
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.12
0.10
0.08
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

200to220_network_1
A
Degree Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
0.9
0.7
0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
1.00
0.99
0.98
0.97
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.00
−0.05
−0.10
−0.15
−0.20
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

200to220_network_13
A
Degree Centrality
Spearman's Rho
1.0
0.8
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.900
0.875
0.850
0.825
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.01
0.00
−0.01
−0.02
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

200to220_network_26
A
Degree Centrality
Spearman's Rho
1.00
0.75
0.50
0.25
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
−1.0
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.5
0.0
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
1.00
0.99
0.98
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.00
−0.05
−0.10
−0.15
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

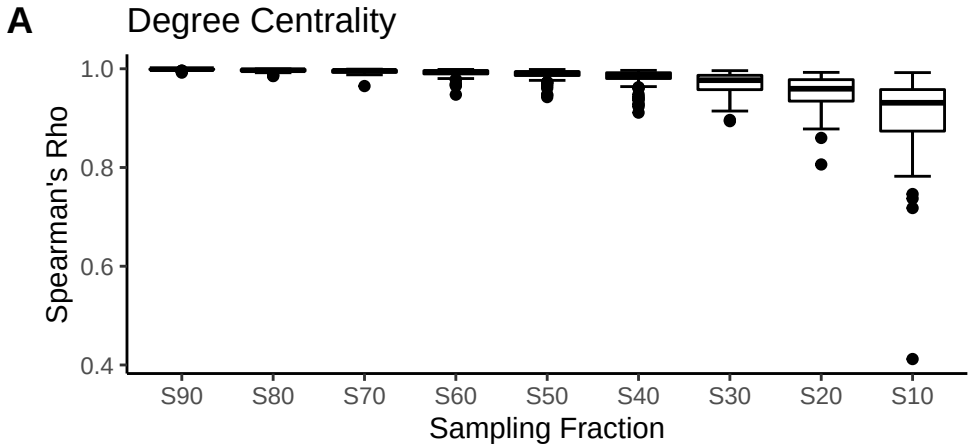
220to240_network_1
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
0.5
0.0
−0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
1.0000
0.9995
0.9990
0.9985
0.9980
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.00
−0.05
−0.10
−0.15
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

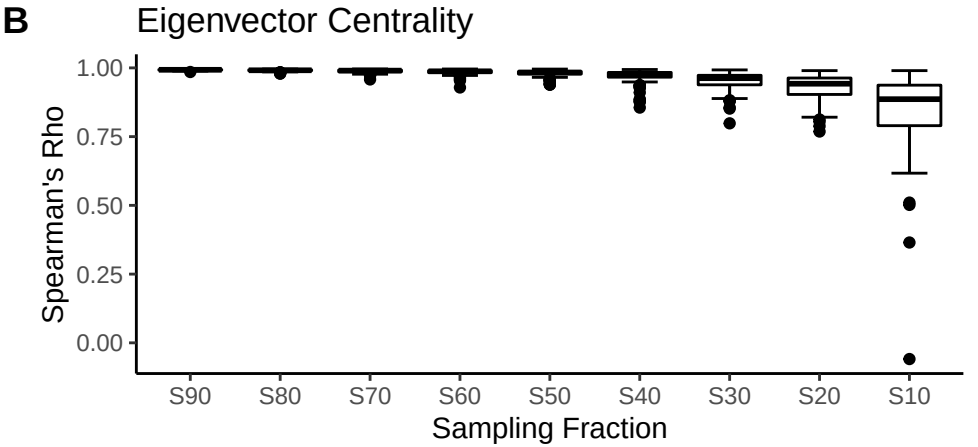
220to240_network_14
A
Degree Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.92
0.88
0.84
0.80
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.02
0.00
−0.02
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

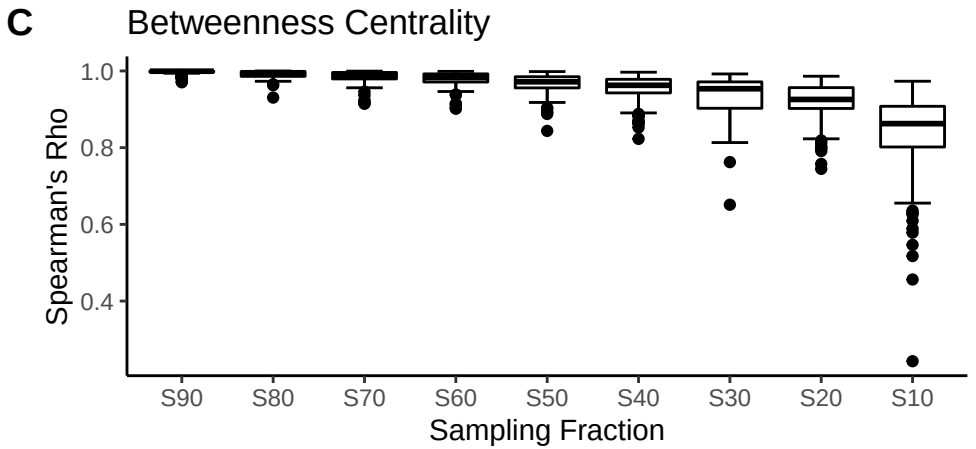
220to240_network_27
A
Degree Centrality
Spearman's Rho
1.0
0.8
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
1.00
0.98
0.96
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.00
−0.05
−0.10
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

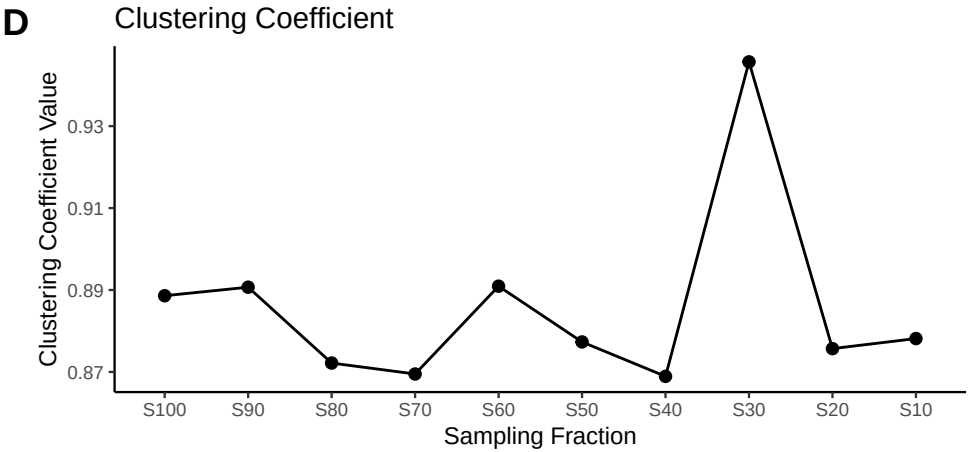
240to260_network_1
A
Degree Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
1.000
0.975
0.950
0.925
0.900
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.05
0.00
−0.05
−0.10
−0.15
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

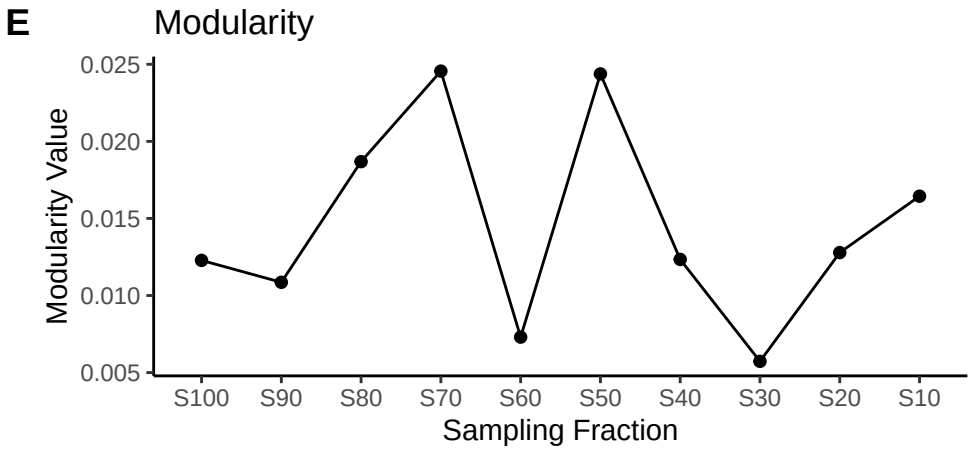
240to260_network_14



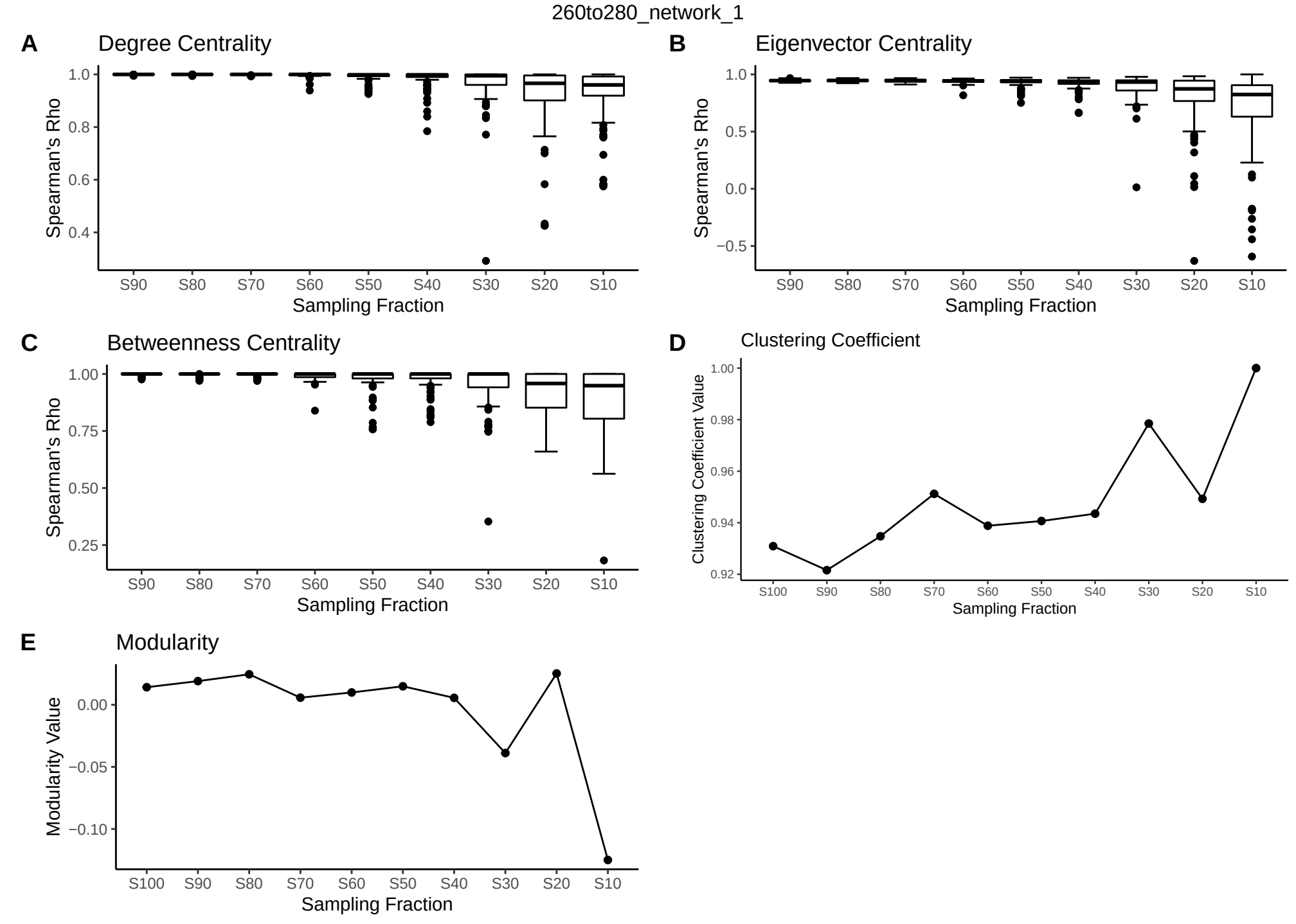


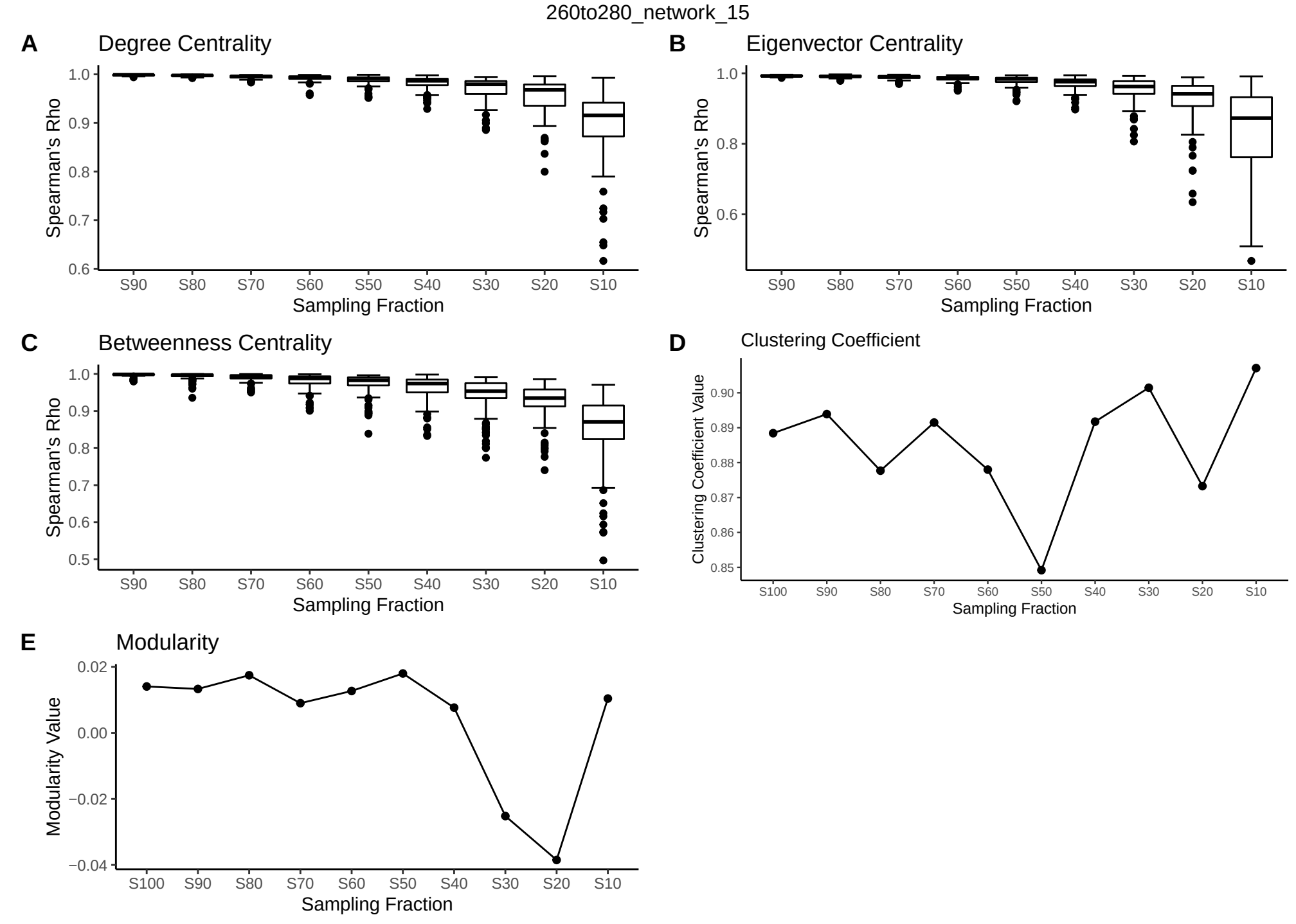






240to260_network_28
A
Degree Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
1.00
0.98
0.96
0.94
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.05
0.00
−0.05
−0.10
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction


260to280_network_1
A
Degree Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.00
0.75
0.50
0.25
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
1.00
0.98
0.96
0.94
0.92
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
E
Modularity
Modularity Value
0.00
−0.05
−0.10
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction

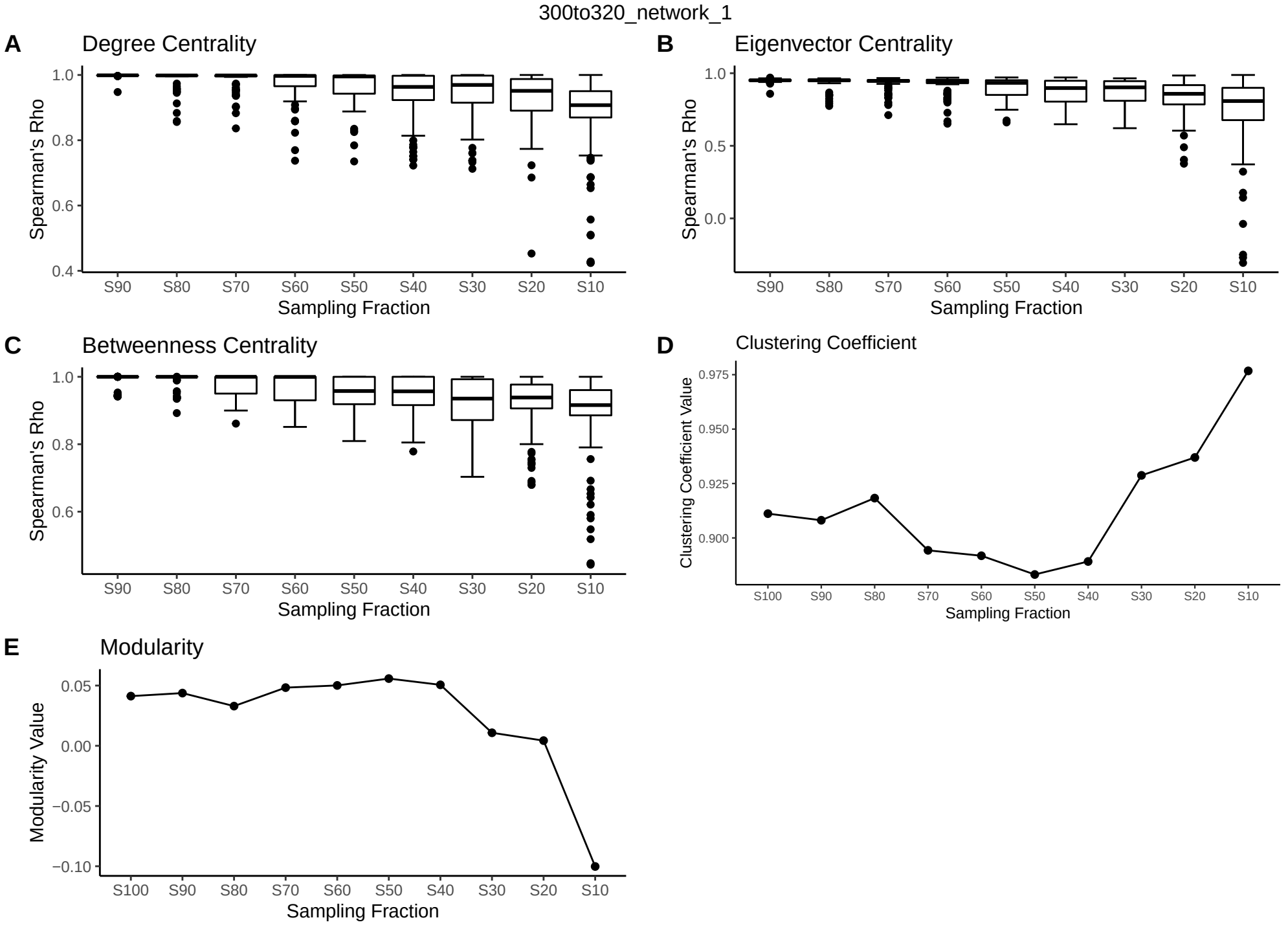

260to280_network_15
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.8
0.6
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
0.5
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.90
0.89
0.88
0.87
0.86
0.85
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
E
Modularity
Modularity Value
0.02
0.00
−0.02
−0.04
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction

260to280_network_29
A
Degree Centrality
Spearman's Rho
1.00
0.75
0.50
0.25
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.96
0.94
0.92
0.90
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.00
−0.04
−0.08
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

280to300_network_1
A
Degree Centrality
Spearman's Rho
1.0
0.8
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
0.2
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.950
0.925
0.900
0.875
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.00
−0.05
−0.10
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

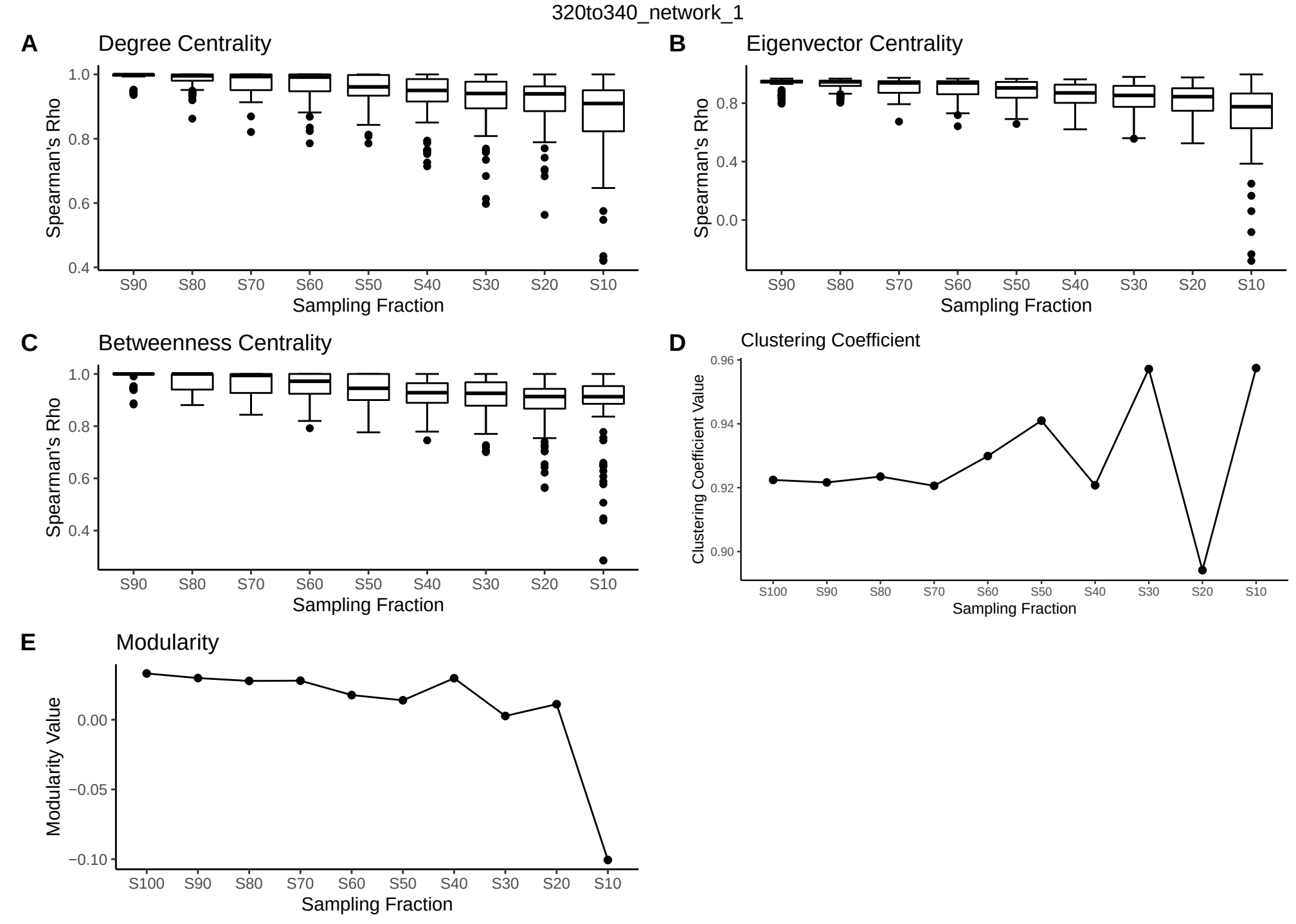
280to300_network_15
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.90
0.89
0.88
0.87
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.04
0.03
0.02
0.01
0.00
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

280to300_network_30
A
Degree Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.950
0.925
0.900
0.875
0.850
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.00
−0.05
−0.10
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction


300to320_network_1
A
Degree Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.975
0.950
0.925
0.900
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
E
Modularity
Modularity Value
0.05
0.00
−0.05
−0.10
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction

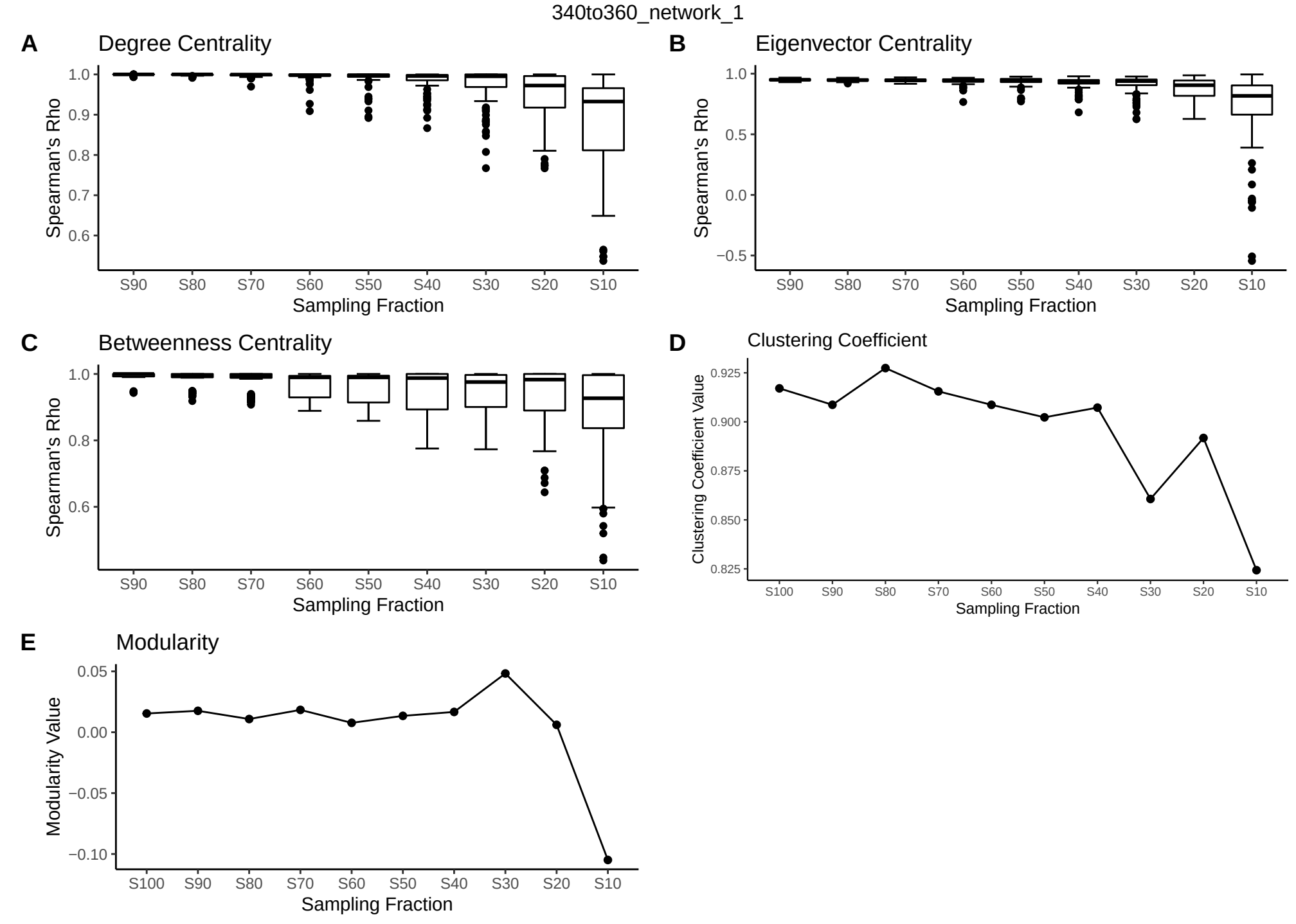
300to320_network_16
A
Degree Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.88
0.84
0.80
0.76
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.04
0.00
−0.04
−0.08
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

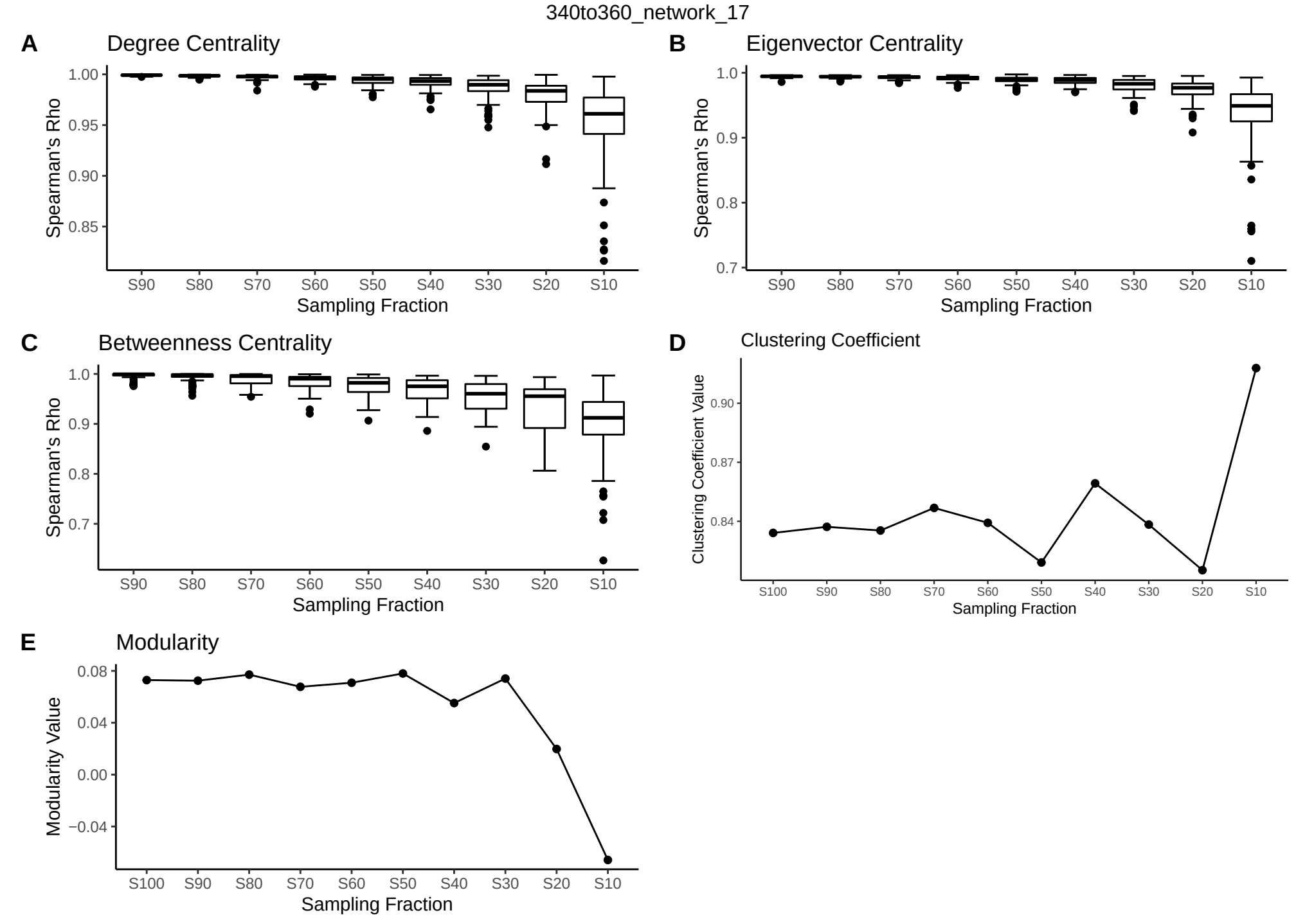
300to320_network_31
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.94
0.92
0.90
0.88
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.05
0.00
−0.05
−0.10
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction


320to340_network_1
A
Degree Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
0.8
0.4
0.0
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.96
0.94
0.92
0.90
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
E
Modularity
Modularity Value
0.00
−0.05
−0.10
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction

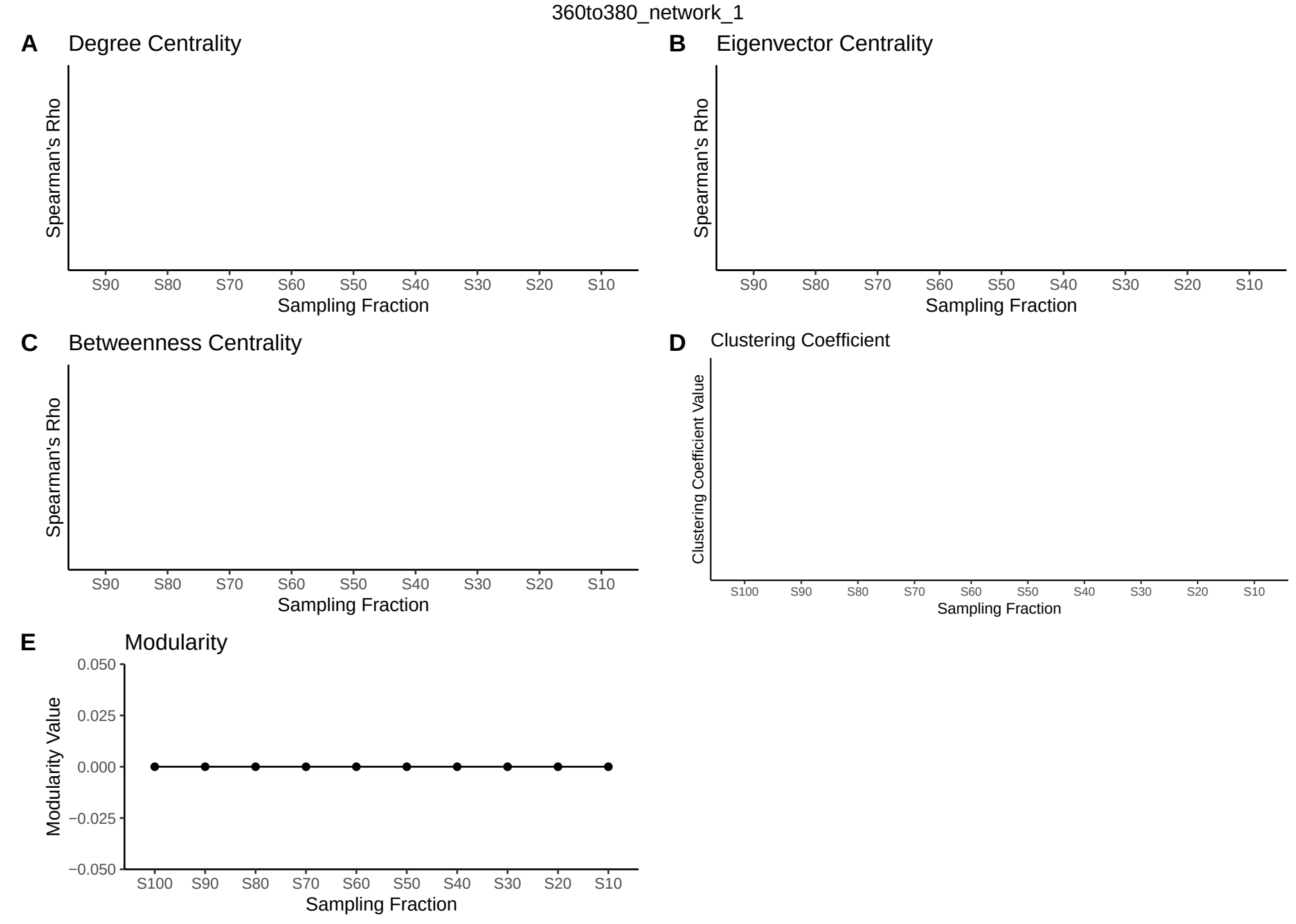
320to340_network_16
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.925
0.900
0.875
0.850
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.04
0.00
−0.04
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

320to340_network_32
A
Degree Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.92
0.90
0.88
0.86
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.05
0.00
−0.05
−0.10
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction


340to360_network_1
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.925
0.900
0.875
0.850
0.825
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
E
Modularity
Modularity Value
0.05
0.00
−0.05
−0.10
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction

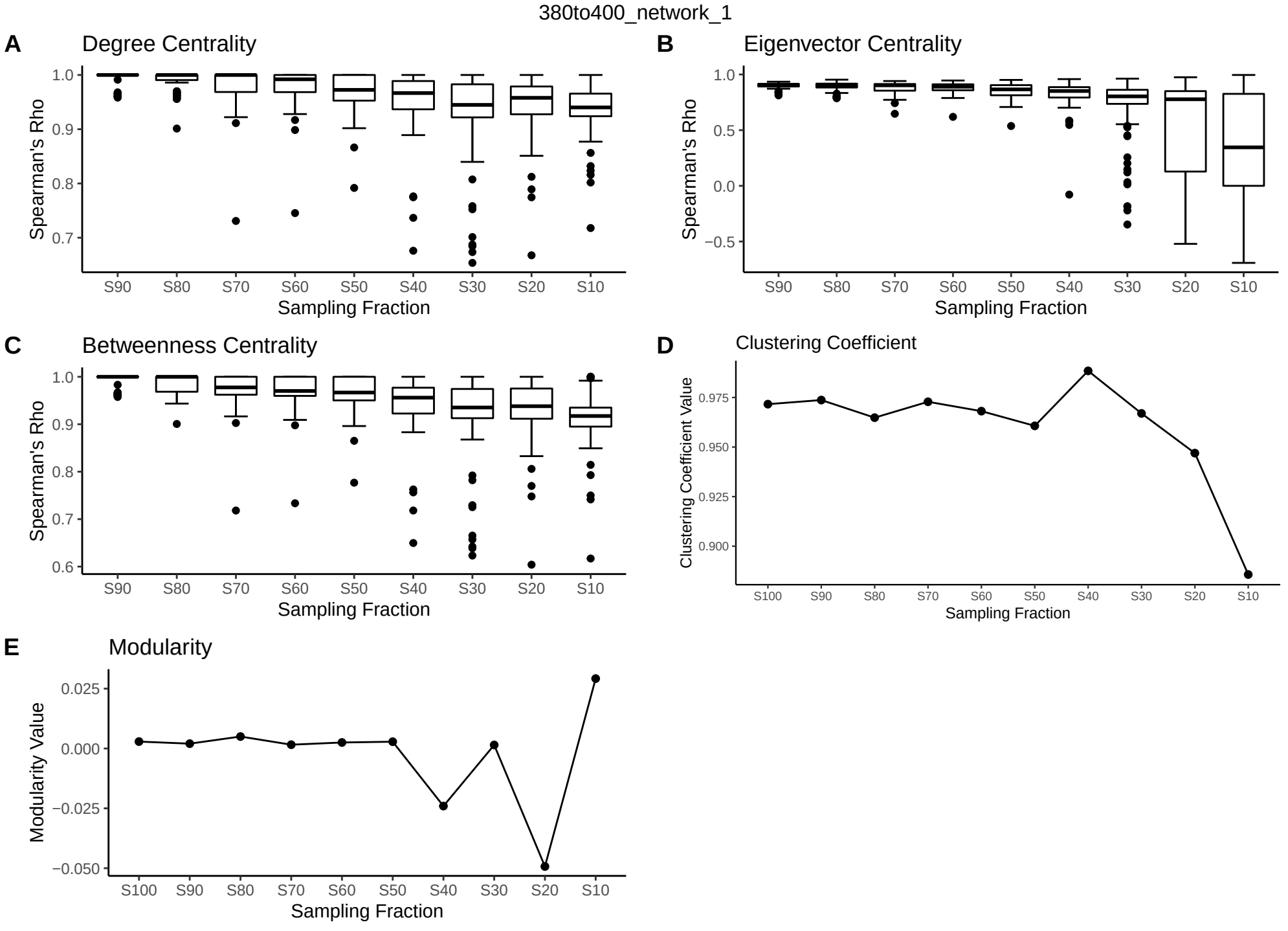

340to360_network_17
A
Degree Centrality
Spearman's Rho
1.00
0.95
0.90
0.85
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.90
0.87
0.84
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
E
Modularity
Modularity Value
0.08
0.04
0.00
−0.04
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction

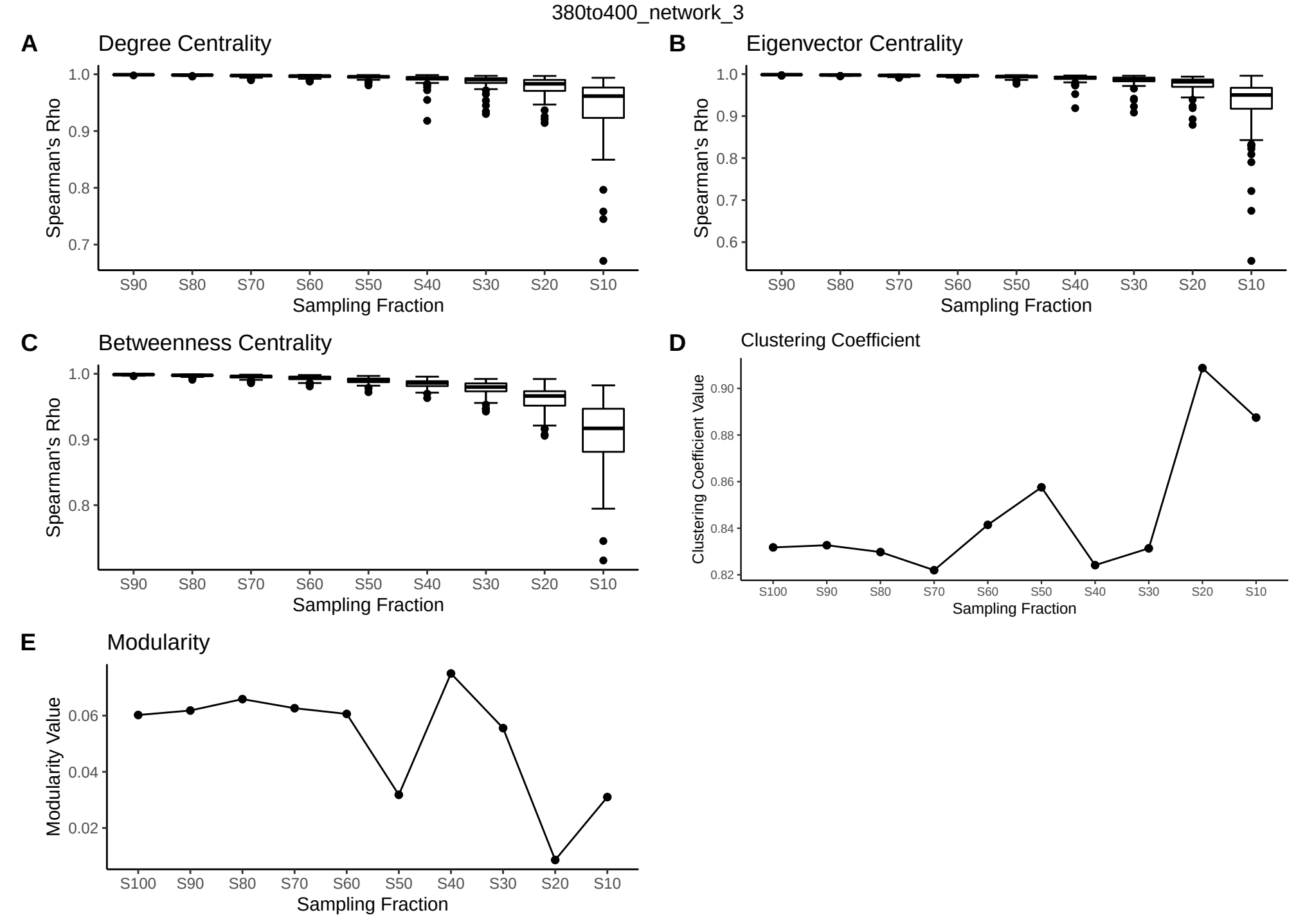
340to360_network_33
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.00
0.75
0.50
0.25
0.00
−0.25
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.950
0.925
0.900
0.875
0.850
0.825
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.05
0.00
−0.05
−0.10
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction


360to380_network_1
A
Degree Centrality
Spearman's Rho
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
E
Modularity
Modularity Value
0.050
0.025
0.000
−0.025
−0.050
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction

360to380_network_17
A
Degree Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.00
0.95
0.90
0.85
0.80
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.88
0.86
0.84
0.82
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.11
0.09
0.07
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

360to380_network_34
A
Degree Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
1.00
0.95
0.90
0.85
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.05
0.00
−0.05
−0.10
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction


380to400_network_1
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.975
0.950
0.925
0.900
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
E
Modularity
Modularity Value
0.025
0.000
−0.025
−0.050
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction

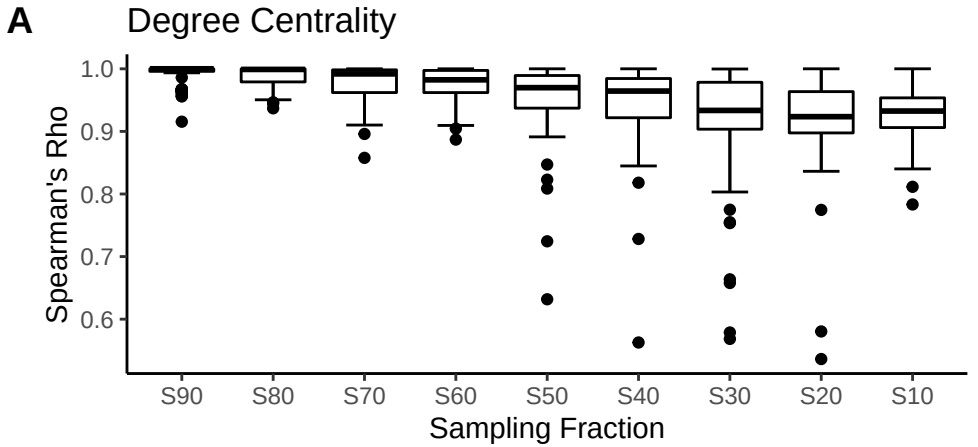

380to400_network_3
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.90
0.88
0.86
0.84
0.82
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
E
Modularity
Modularity Value
0.06
0.04
0.02
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction

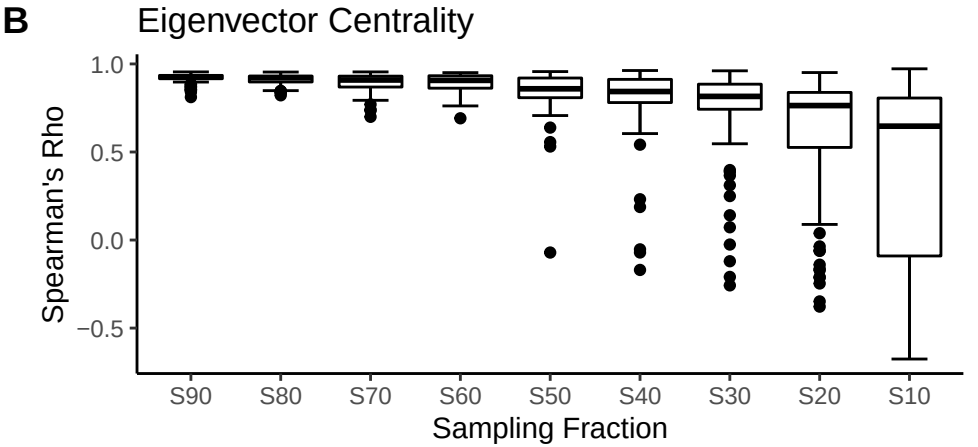
380to400_network_35
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.975
0.970
0.965
0.960
0.955
0.950
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.000
−0.025
−0.050
−0.075
−0.100
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

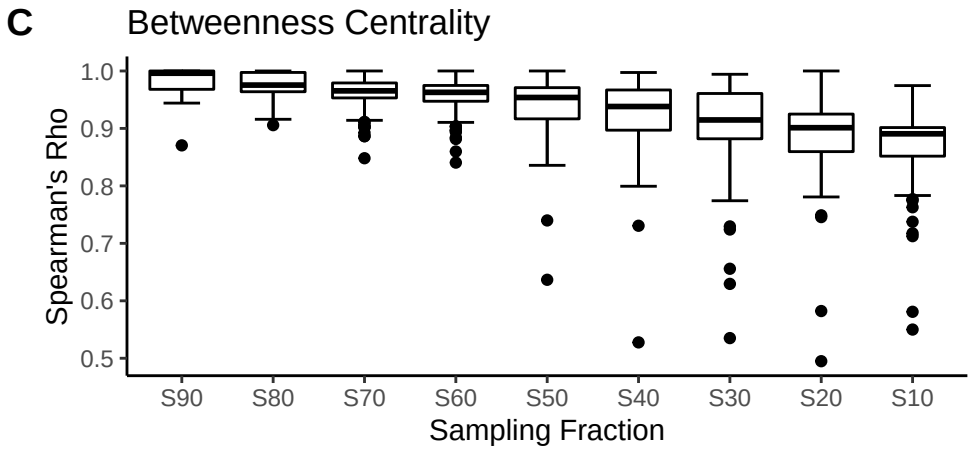
400to420_network_1
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
1.00
0.98
0.96
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.000
−0.025
−0.050
−0.075
−0.100
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

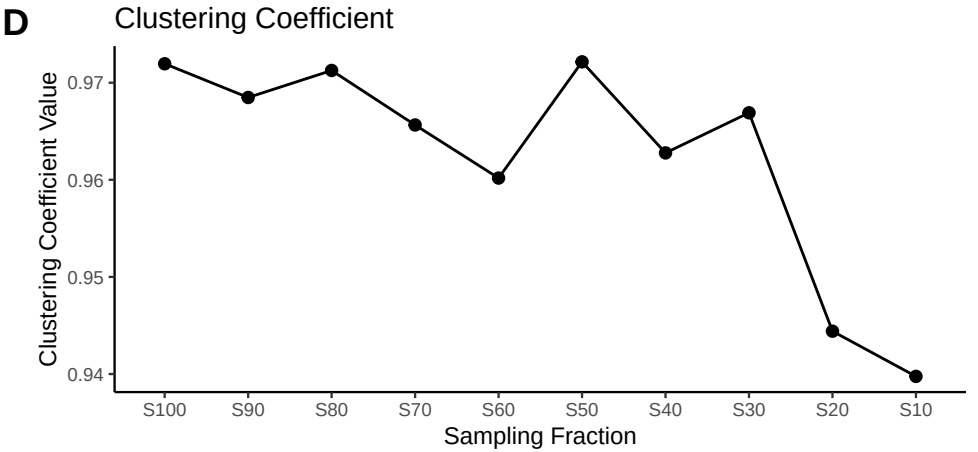
400to420_network_4
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.84
0.81
0.78
0.75
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.125
0.100
0.075
0.050
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

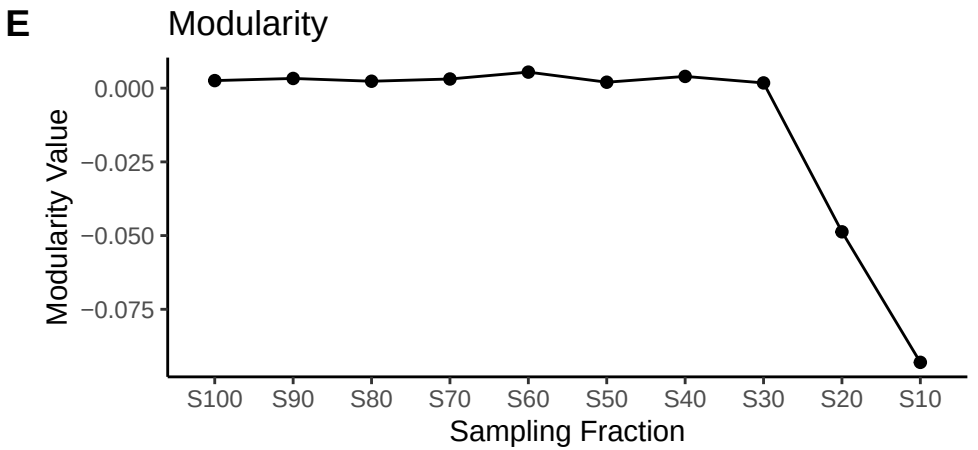
400to420_network_36











420to440_network_1
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.96
0.95
0.94
0.93
0.92
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.000
−0.025
−0.050
−0.075
−0.100
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

420to440_network_6
A
Degree Centrality
Spearman's Rho
1.00
0.95
0.90
0.85
0.80
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.83
0.82
0.81
0.80
0.79
0.78
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.08
0.07
0.06
0.05
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

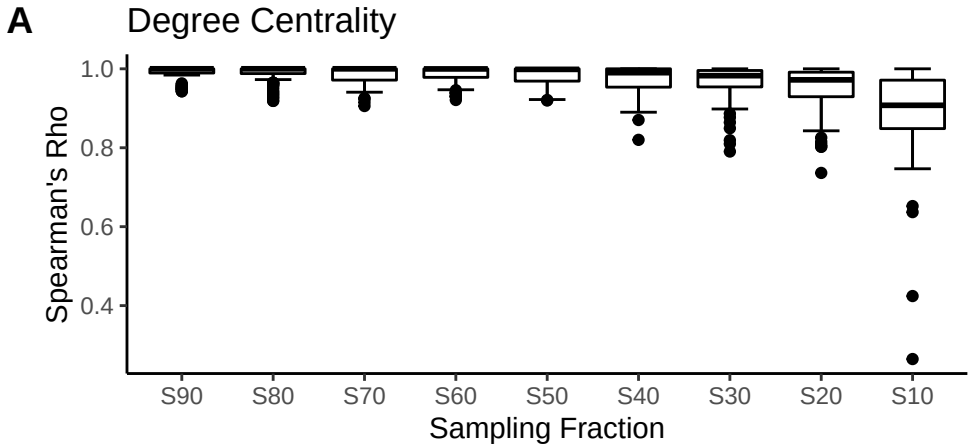
420to440_network_37
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.96
0.95
0.94
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.000
−0.025
−0.050
−0.075
−0.100
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

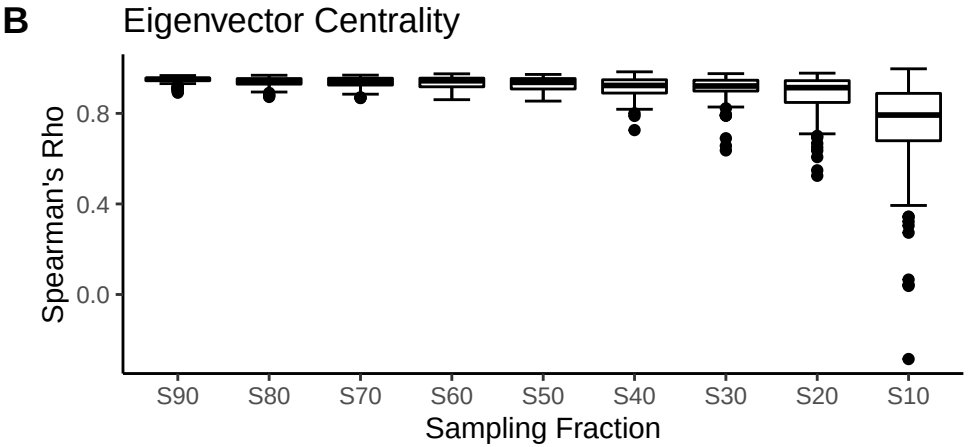
440to460_network_1
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.90
0.85
0.80
0.75
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.06
0.04
0.02
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

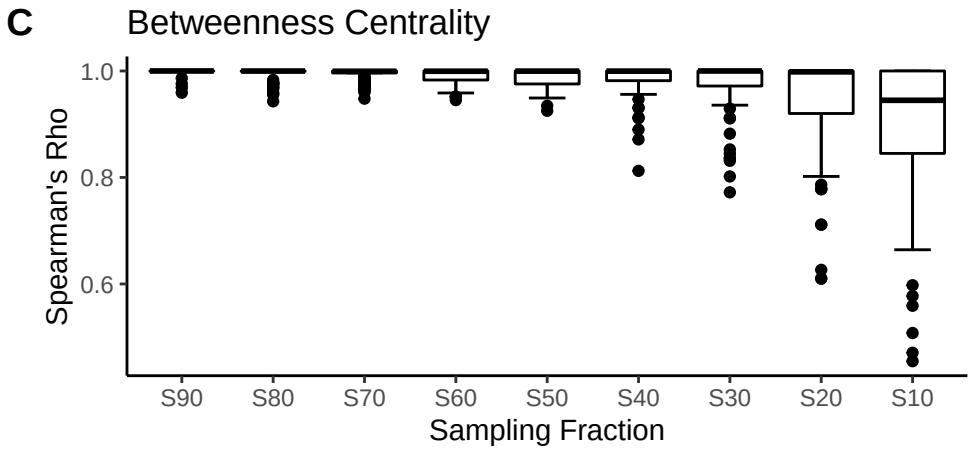
440to460_network_7
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.85
0.84
0.83
0.82
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.07
0.06
0.05
0.04
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

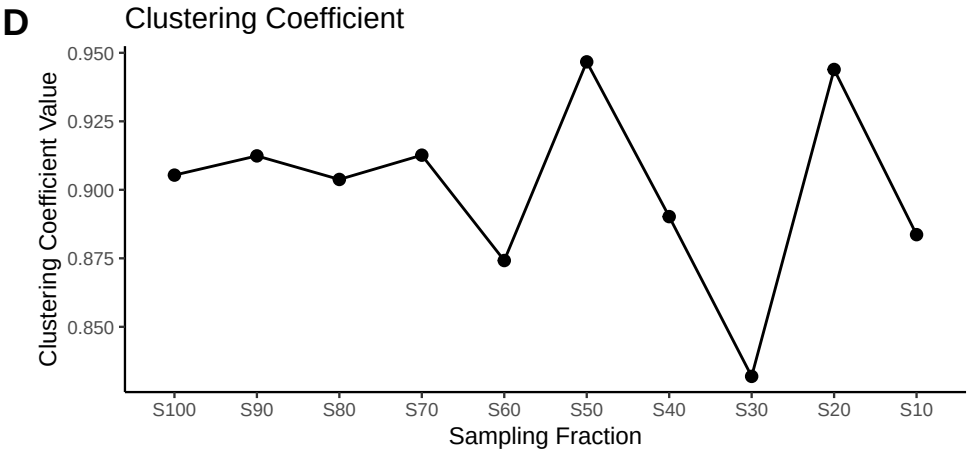
440to460_network_38
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.96
0.95
0.94
0.93
0.92
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.00
−0.04
−0.08
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

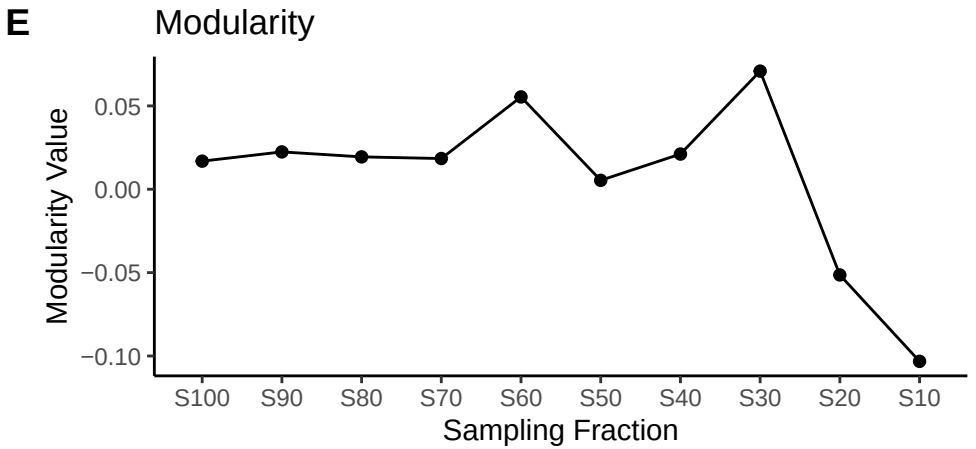
460to480_network_1



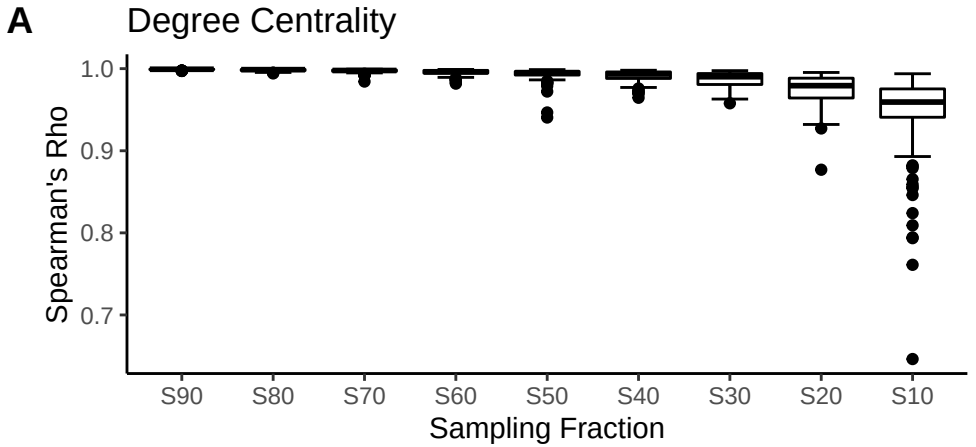


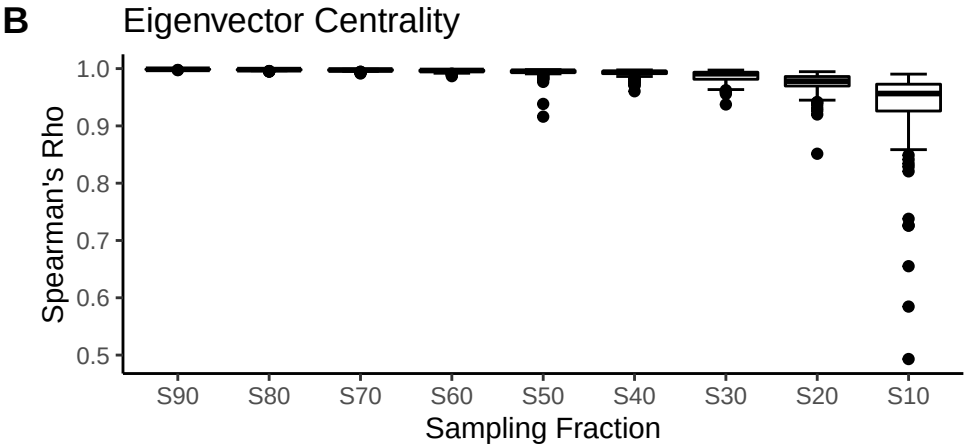


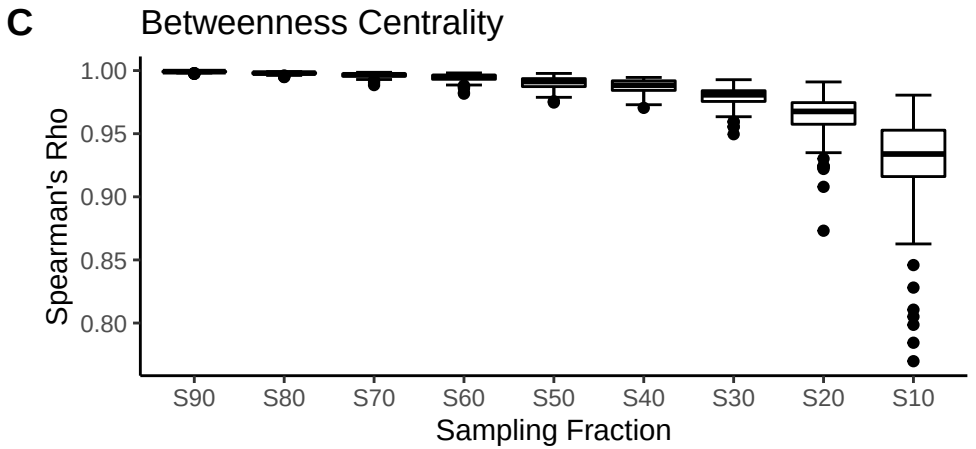


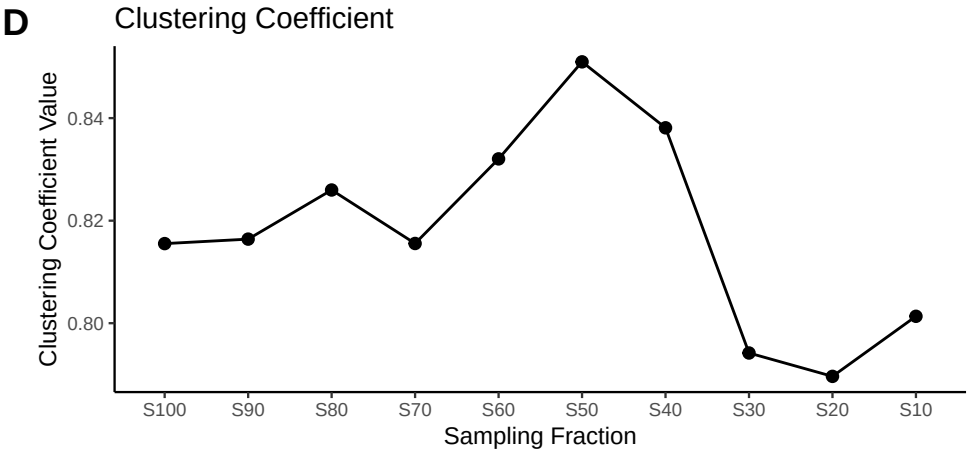


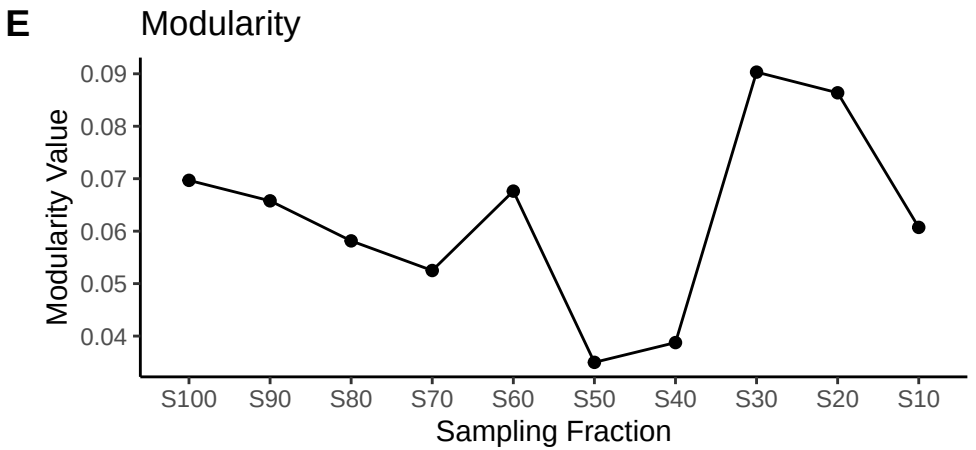
460to480_network_9



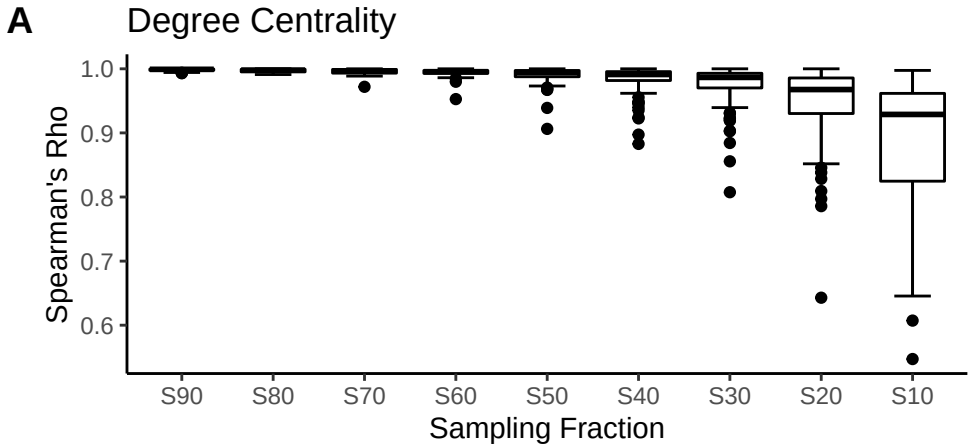


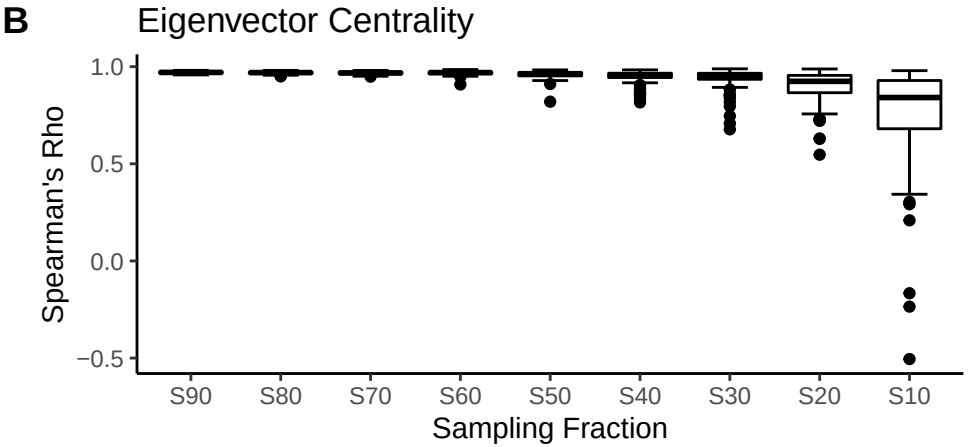


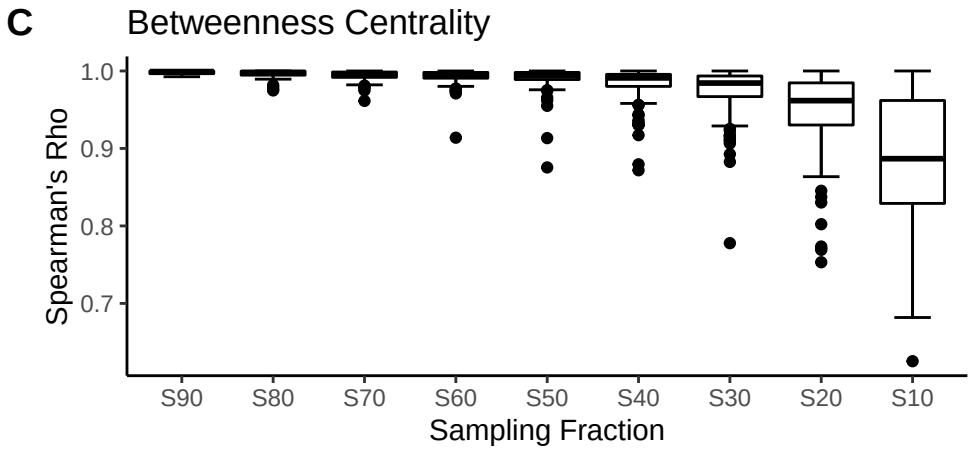


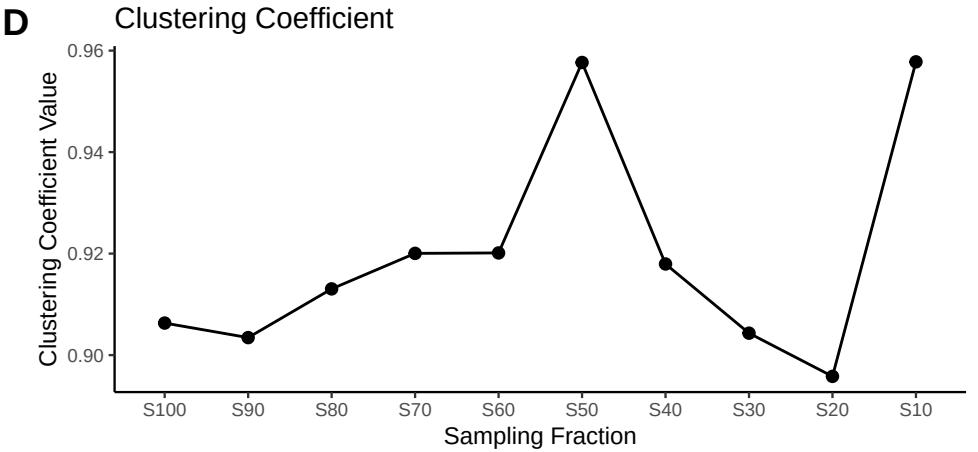


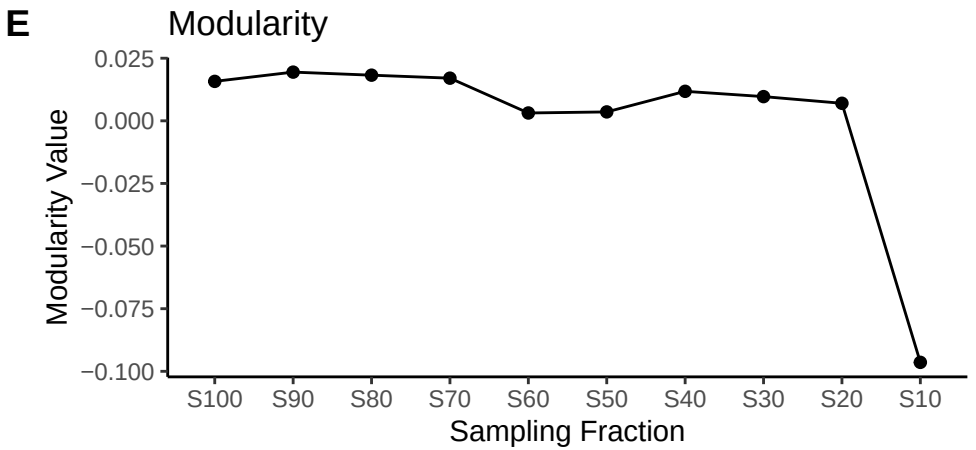
460to480_network_39

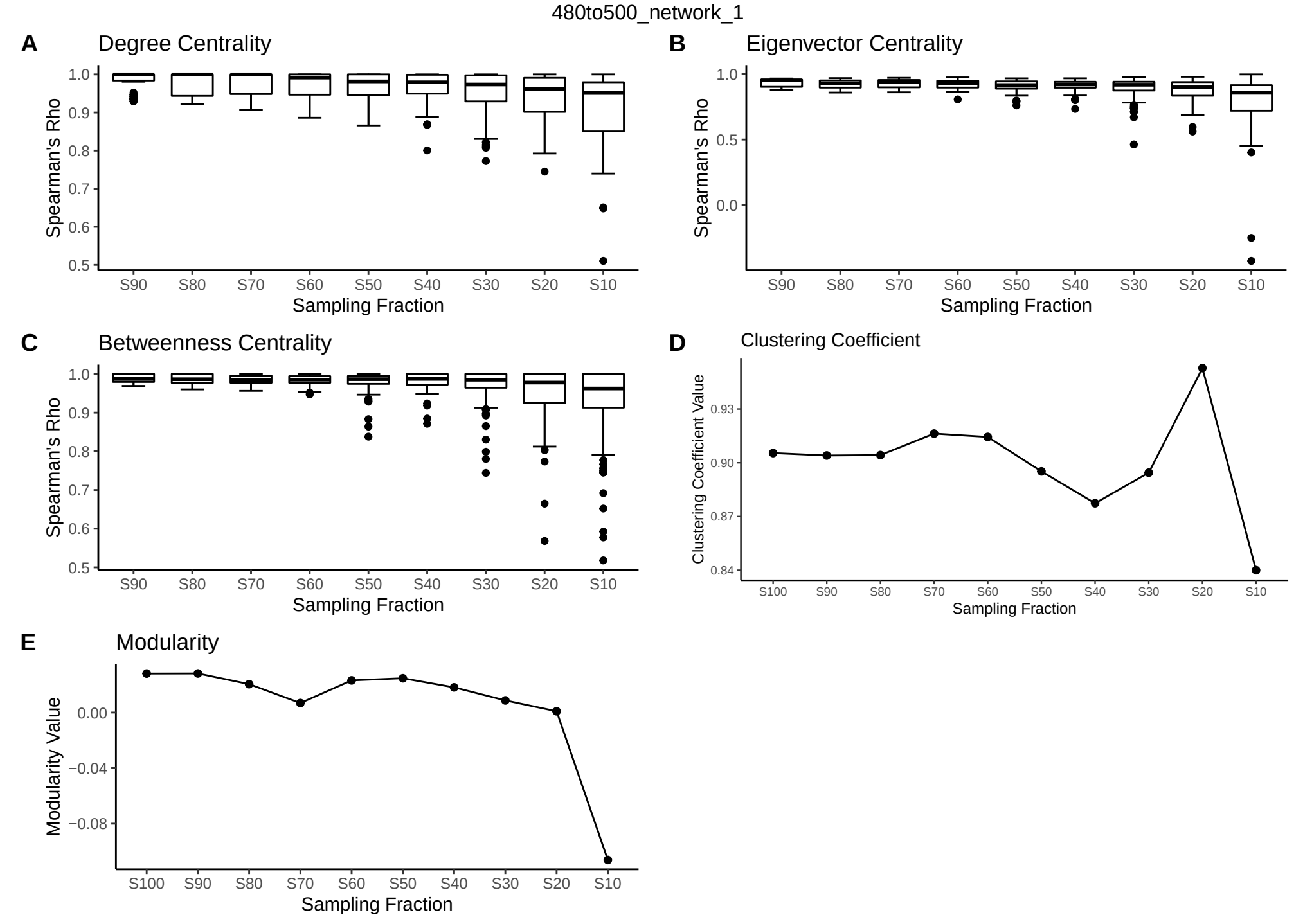




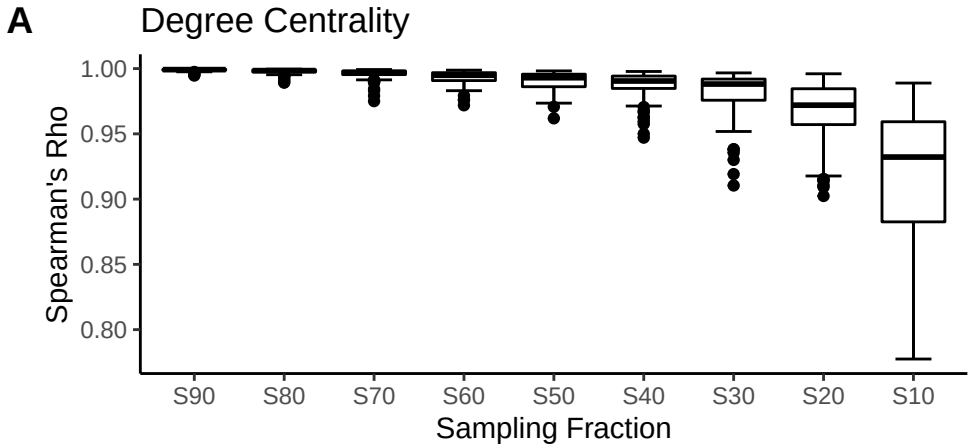


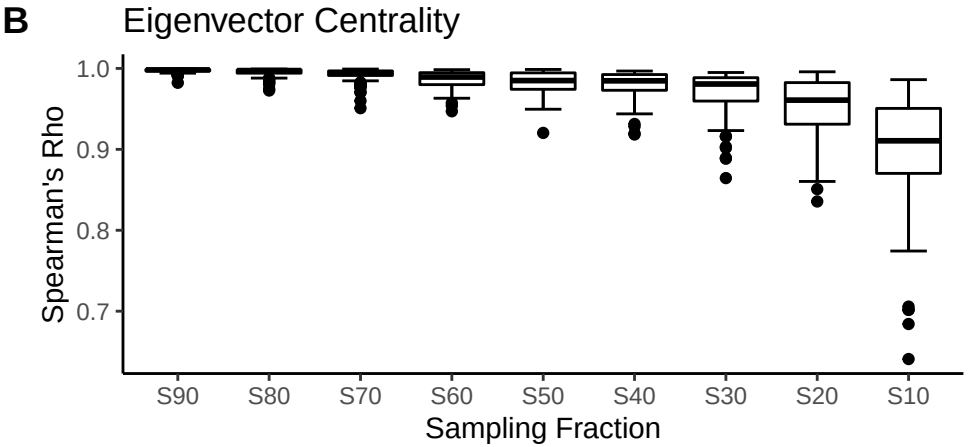


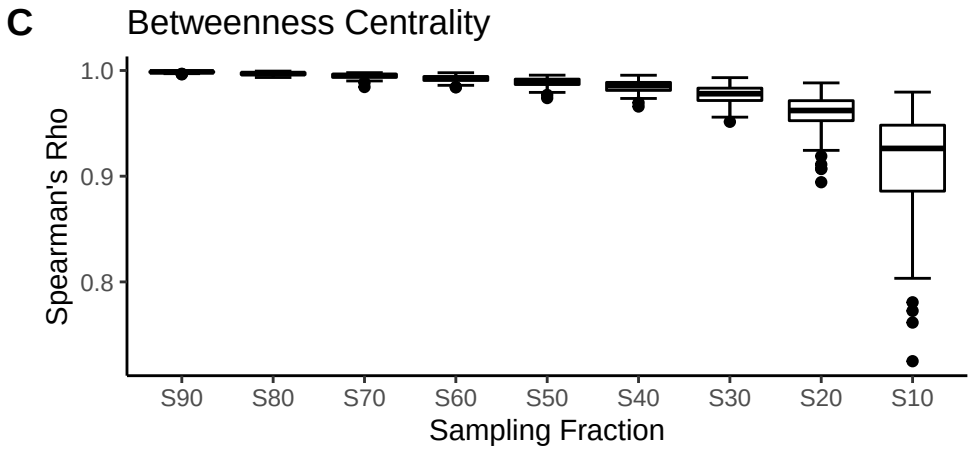


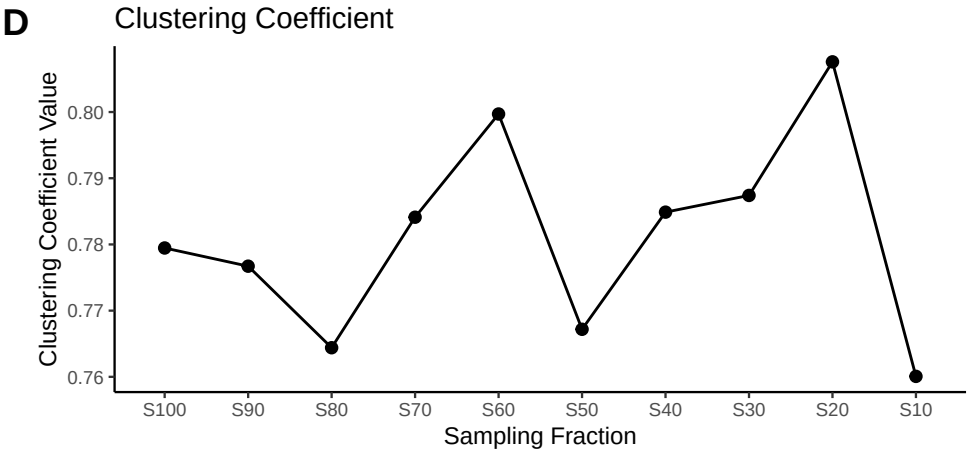

480to500_network_1
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
0.5
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
0.5
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.93
0.90
0.87
0.84
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
E
Modularity
Modularity Value
0.00
−0.04
−0.08
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction

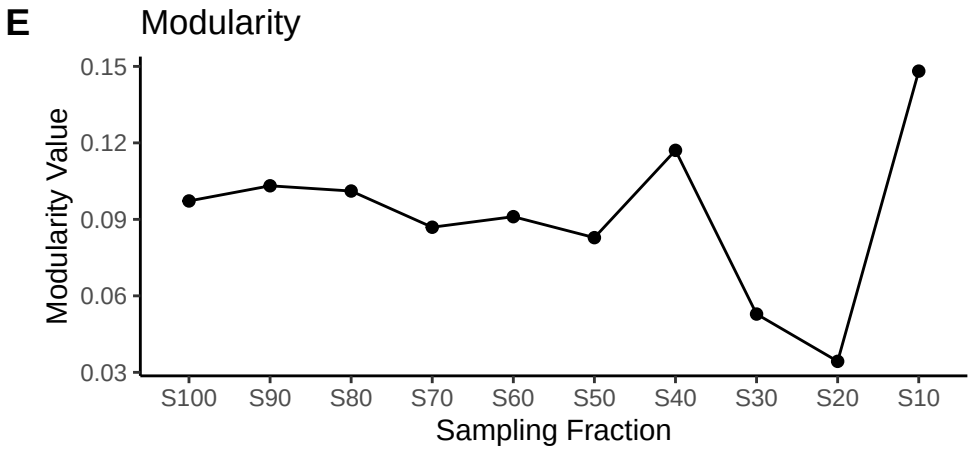
480to500_network_10



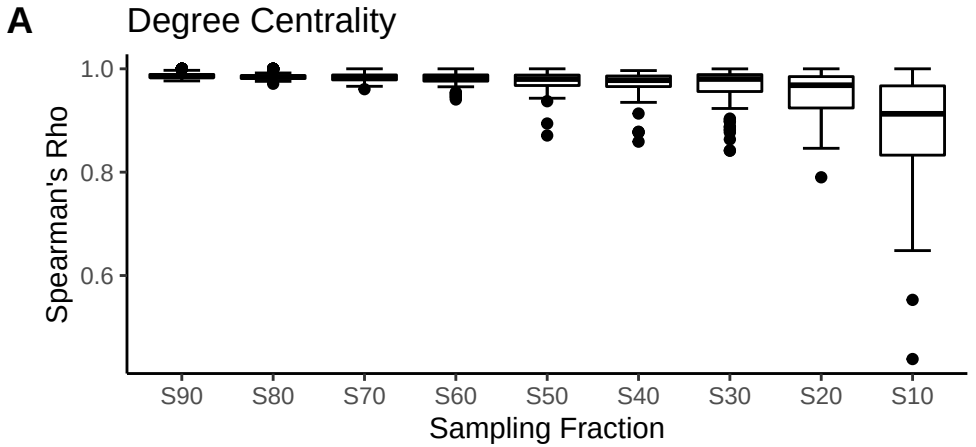


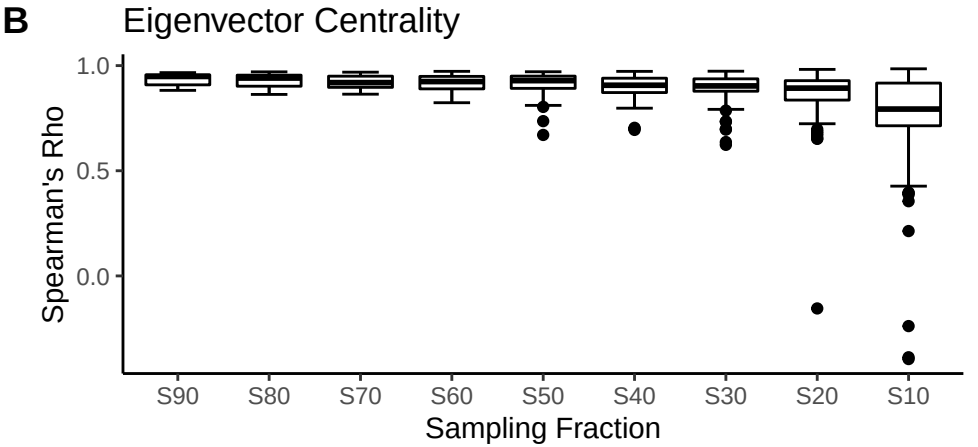


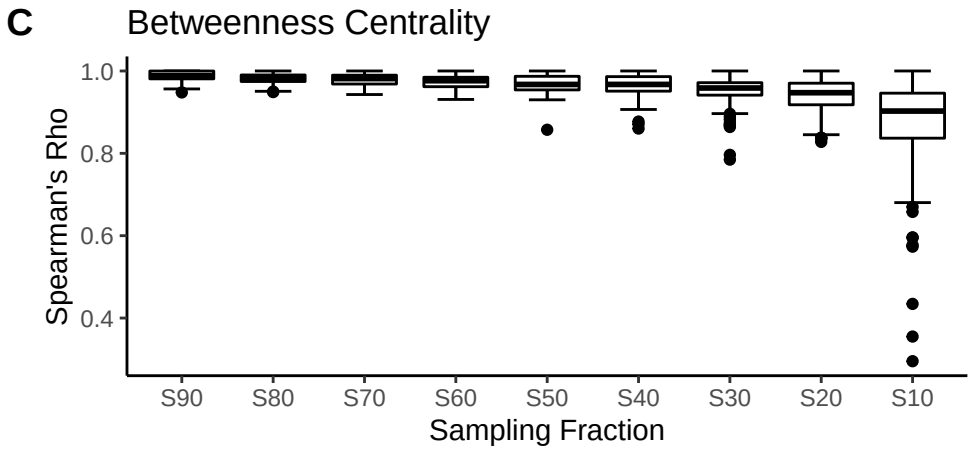


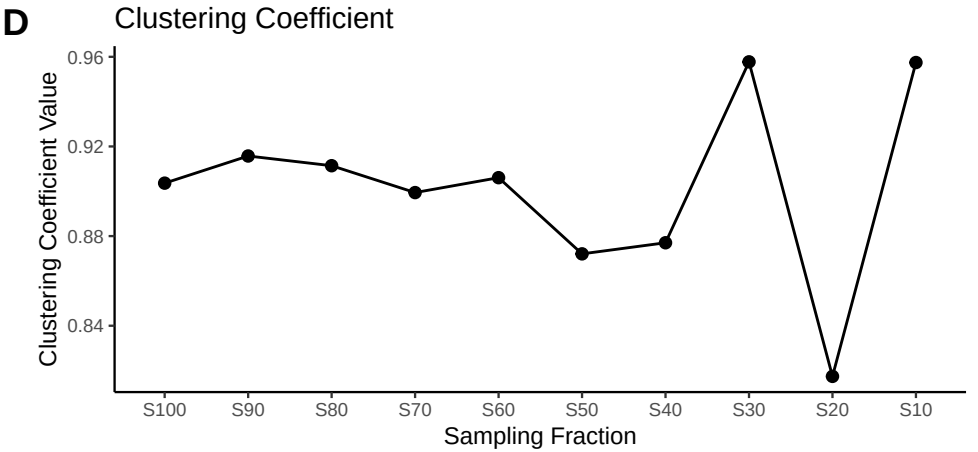


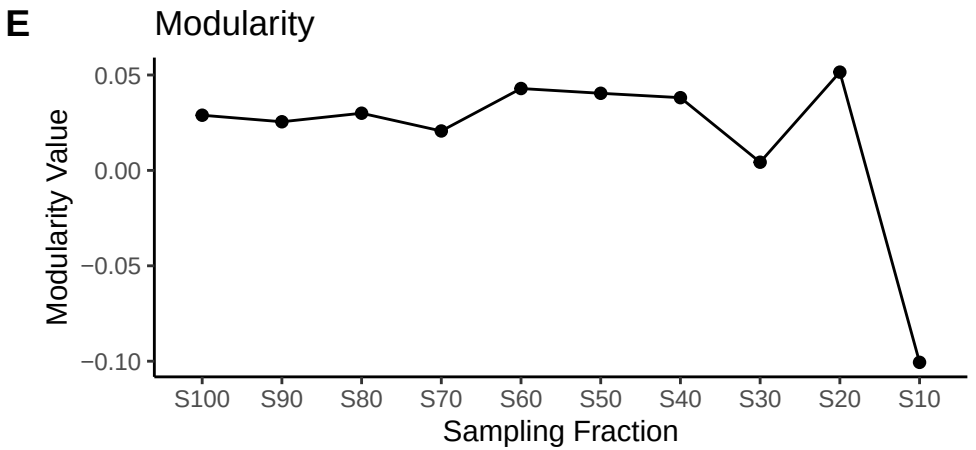
480to500_network_40







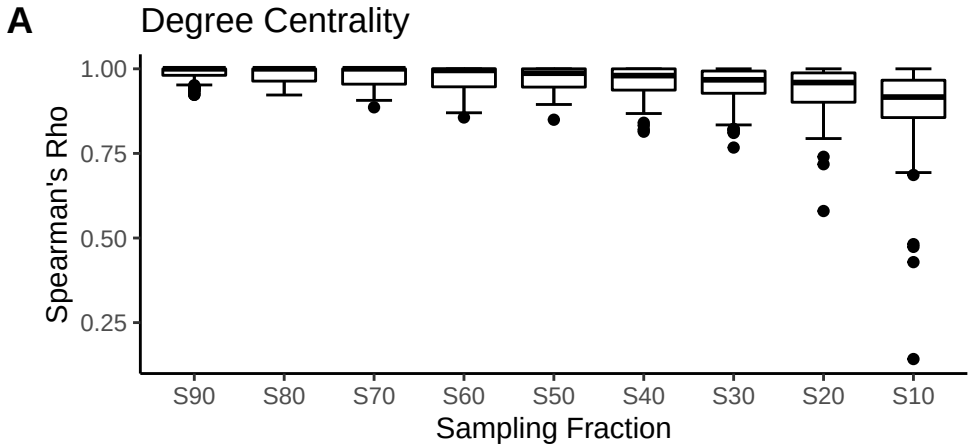


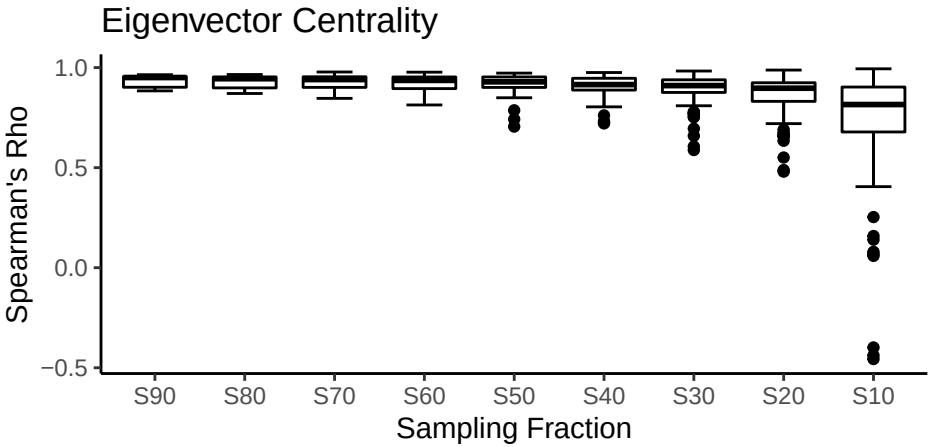


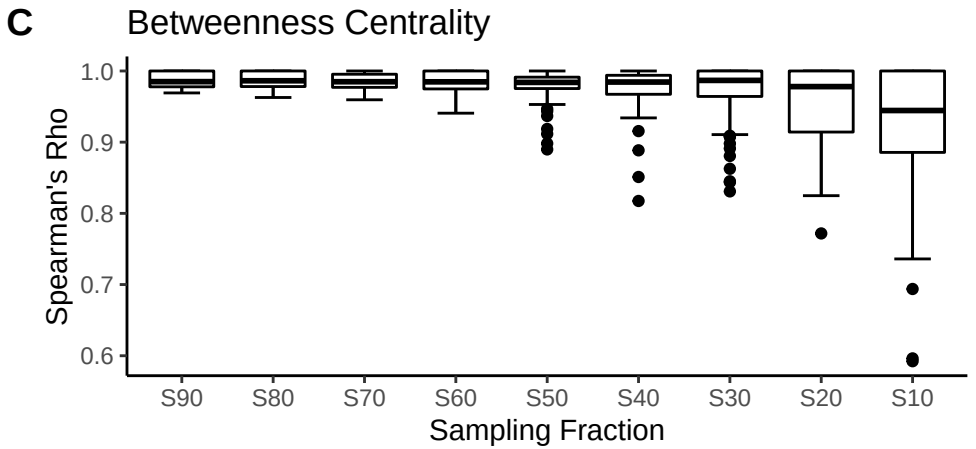
500to520_network_1
A
Degree Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.87
0.85
0.83
0.81
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.075
0.050
0.025
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

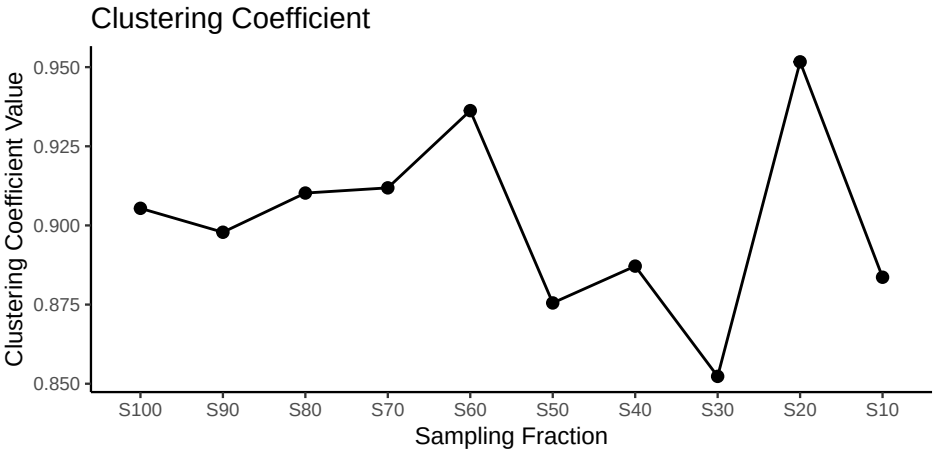
500to520_network_12
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.00
0.95
0.90
0.85
0.80
0.75
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.800
0.775
0.750
0.725
0.700
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.12
0.11
0.10
0.09
0.08
0.07
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

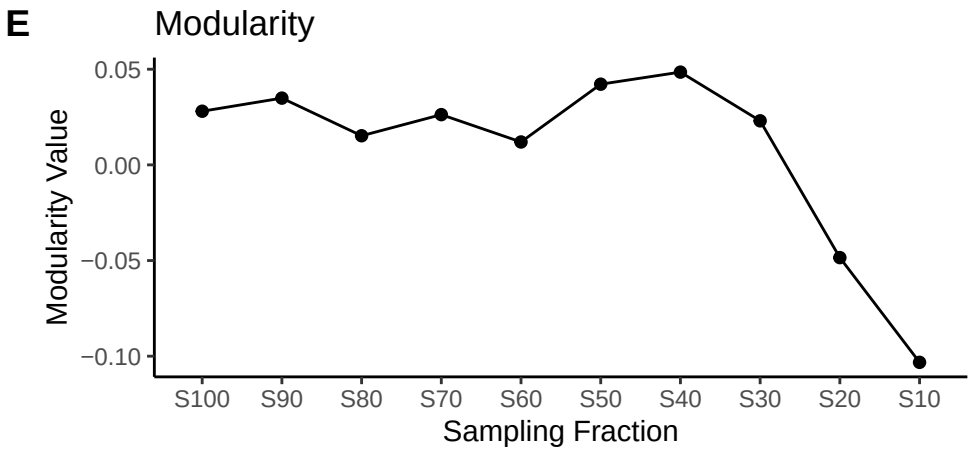
500to520_network_41











520to540_network_1
A
Degree Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.96
0.94
0.92
0.90
0.88
0.86
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.05
0.00
−0.05
−0.10
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

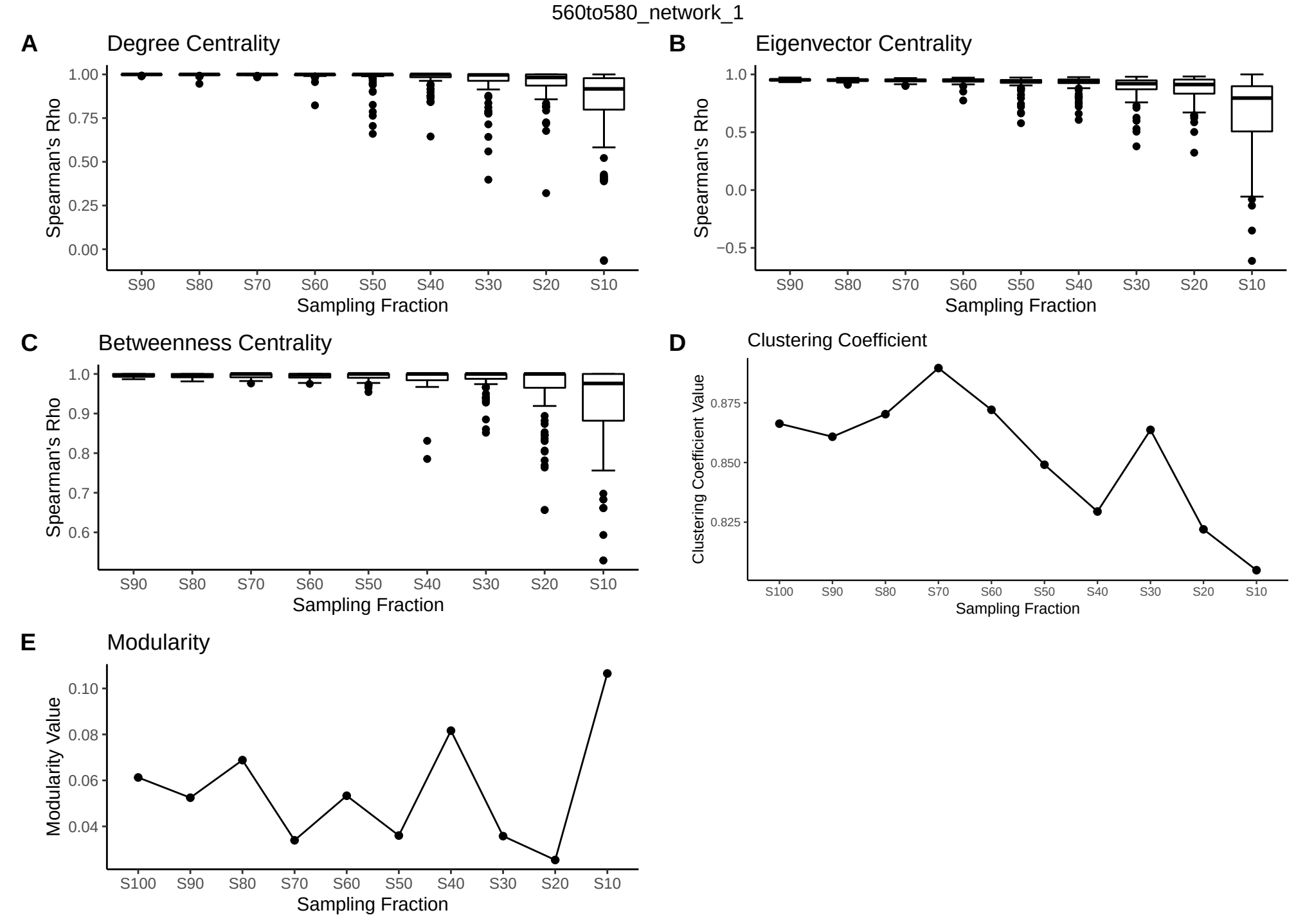
520to540_network_13
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.79
0.78
0.77
0.76
0.75
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.12
0.10
0.08
0.06
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

520to540_network_42
A
Degree Centrality
Spearman's Rho
1.00
0.75
0.50
0.25
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.00
0.75
0.50
0.25
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.925
0.900
0.875
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.06
0.03
0.00
−0.03
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

540to560_network_1
A
Degree Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.88
0.86
0.84
0.82
0.80
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.08
0.06
0.04
0.02
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

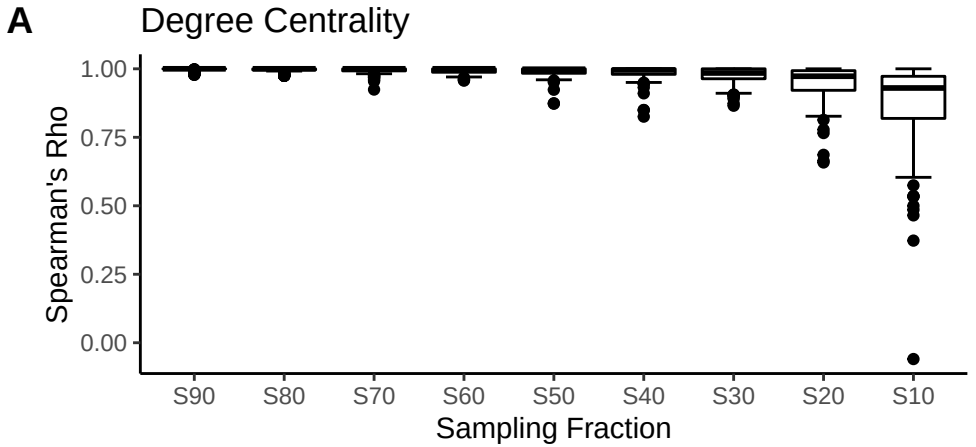
540to560_network_15
A
Degree Centrality
Spearman's Rho
1.00
0.95
0.90
0.85
0.80
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.9
0.8
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.85
0.80
0.75
0.70
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.08
0.04
0.00
−0.04
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

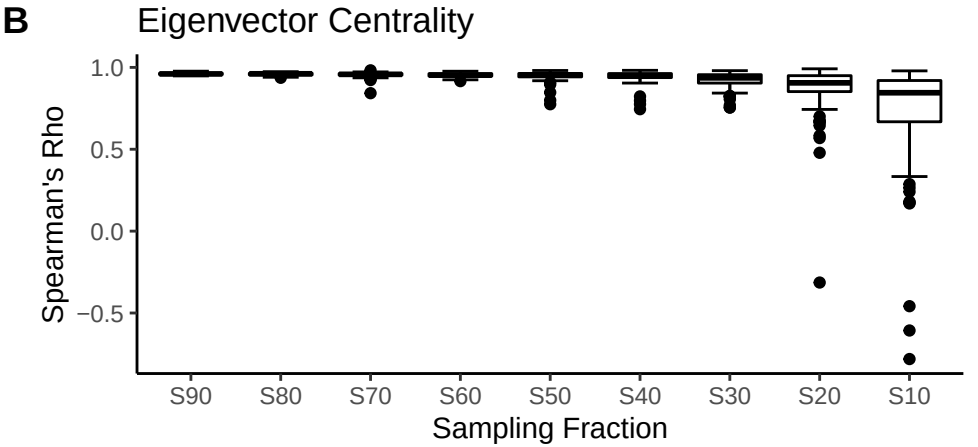
540to560_network_43
A
Degree Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.92
0.90
0.88
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.06
0.05
0.04
0.03
0.02
0.01
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

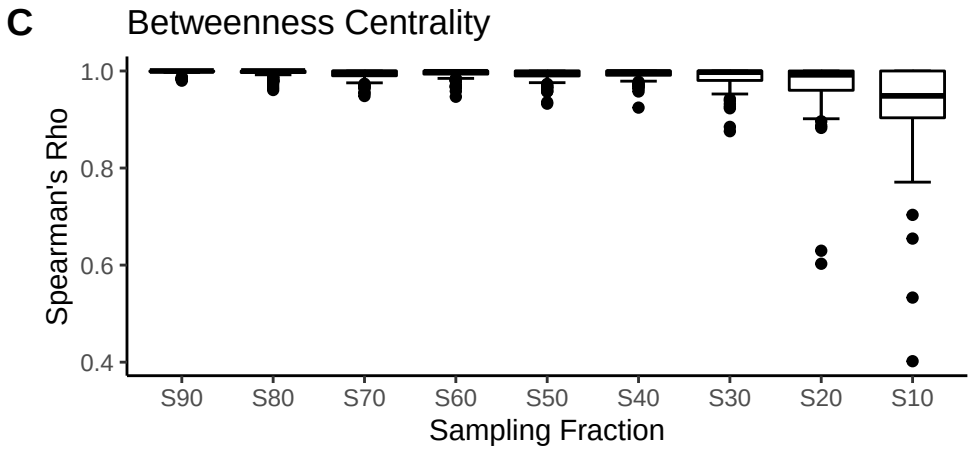

560to580_network_1
A
Degree Centrality
Spearman's Rho
1.00
0.75
0.50
0.25
0.00
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.875
0.850
0.825
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.10
0.08
0.06
0.04
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

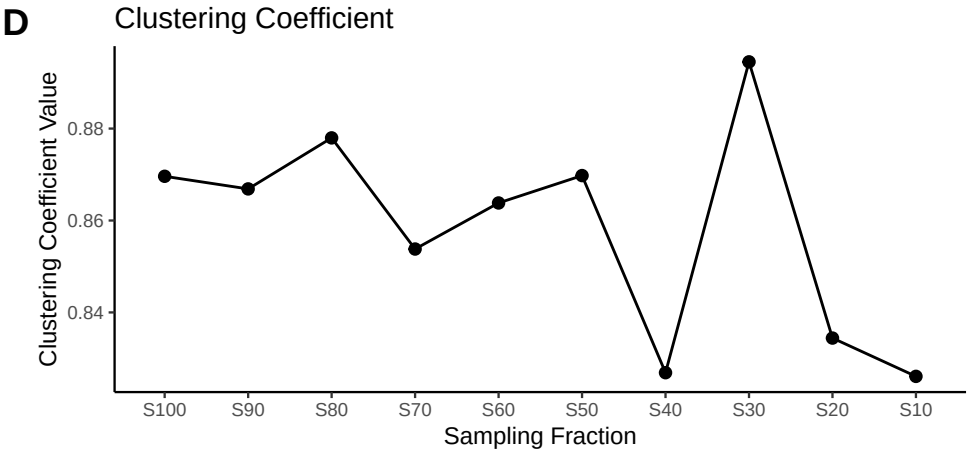
560to580_network_16
A
Degree Centrality
Spearman's Rho
1.00
0.95
0.90
0.85
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.00
0.95
0.90
0.85
0.80
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.80
0.79
0.78
0.77
0.76
0.75
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.07
0.06
0.05
0.04
0.03
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

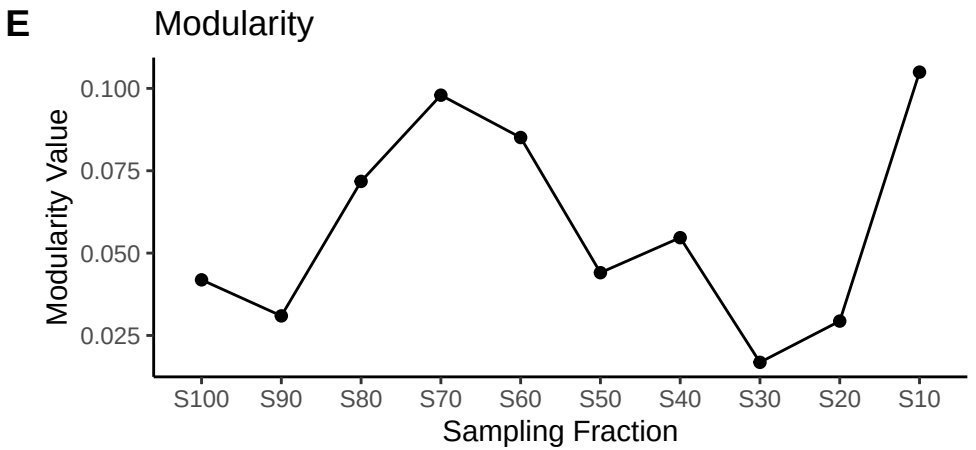
560to580_network_44

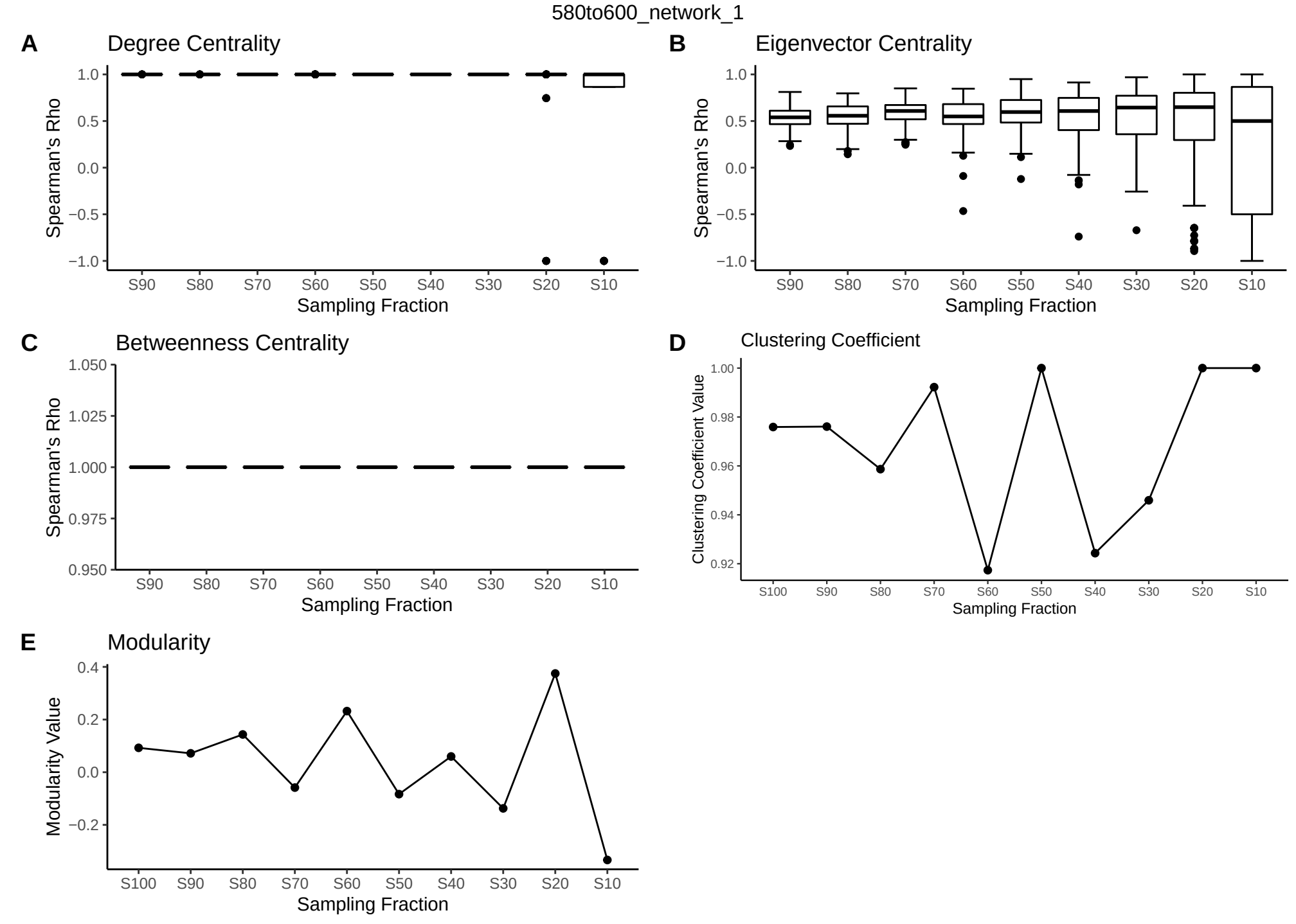




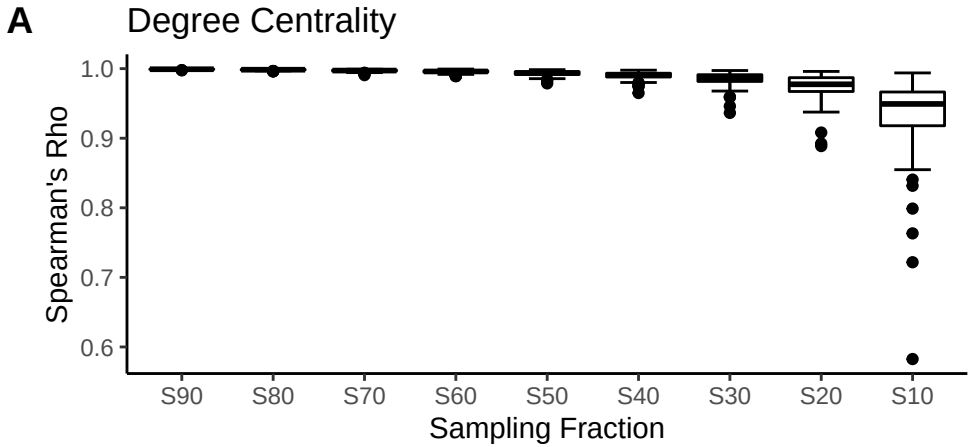


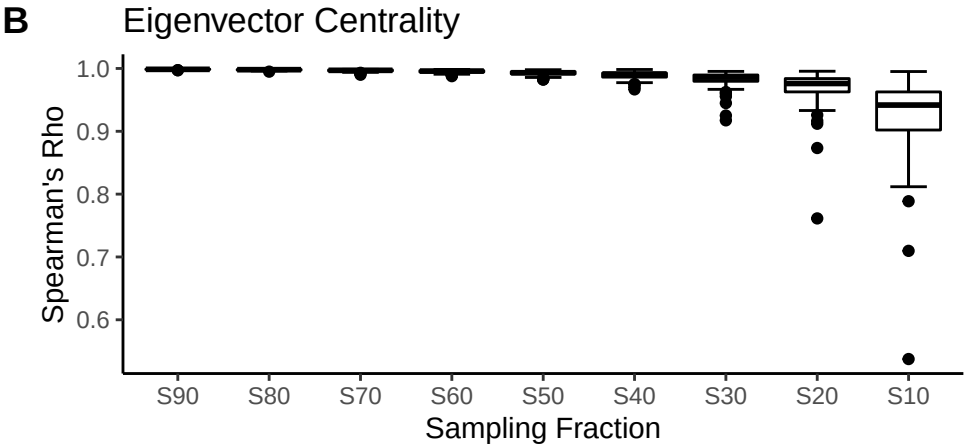


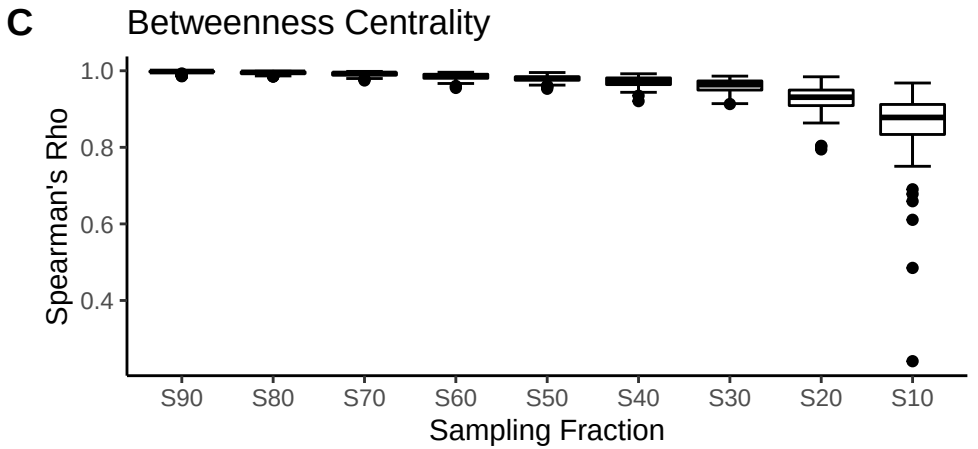


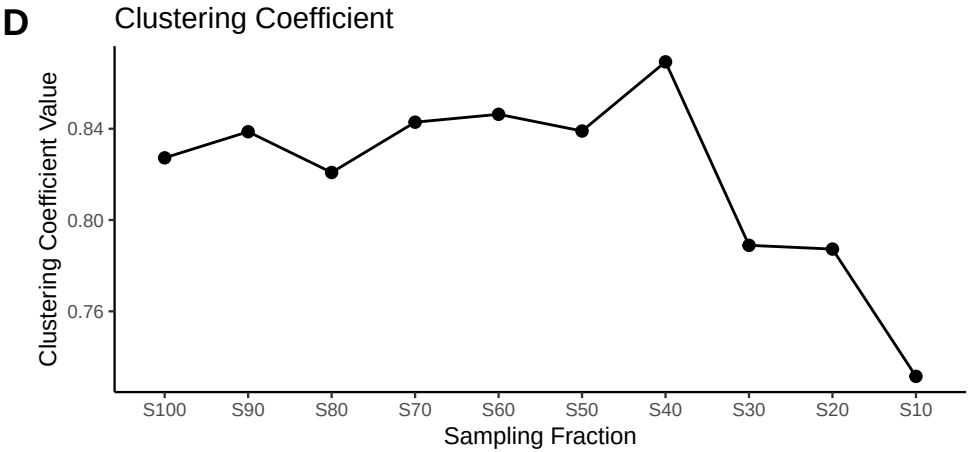

580to600_network_1
A
Degree Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
−1.0
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.050
1.025
1.000
0.975
0.950
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
1.00
0.98
0.96
0.94
0.92
S100
Sampling Fraction
E
Modularity
Modularity Value
0.4
0.2
0.0
−0.2
Sampling Fraction

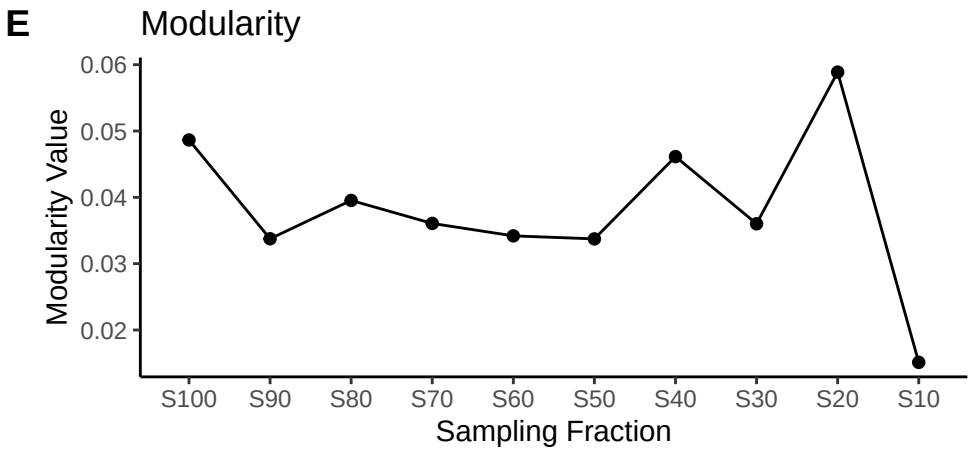
580to600_network_18



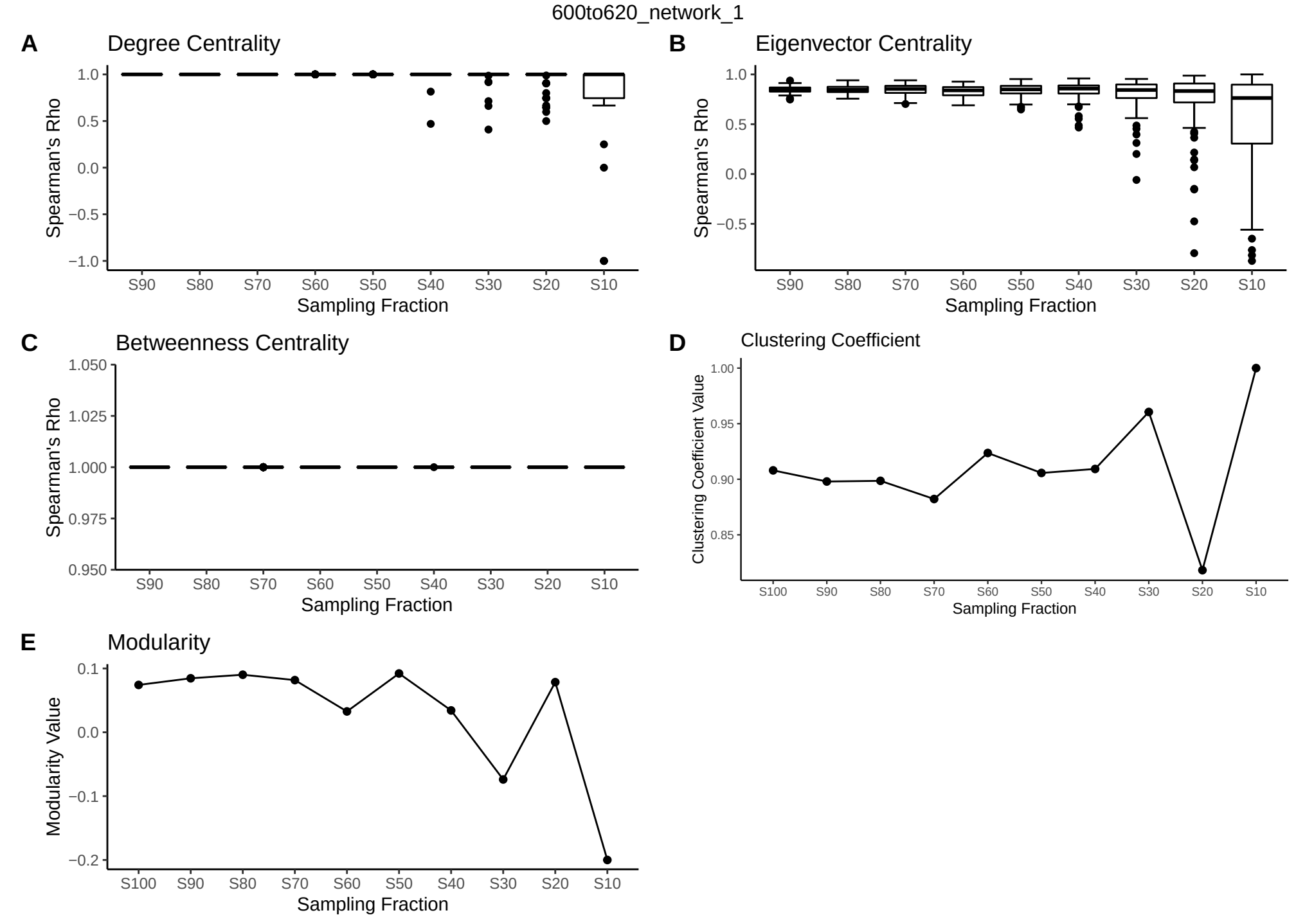








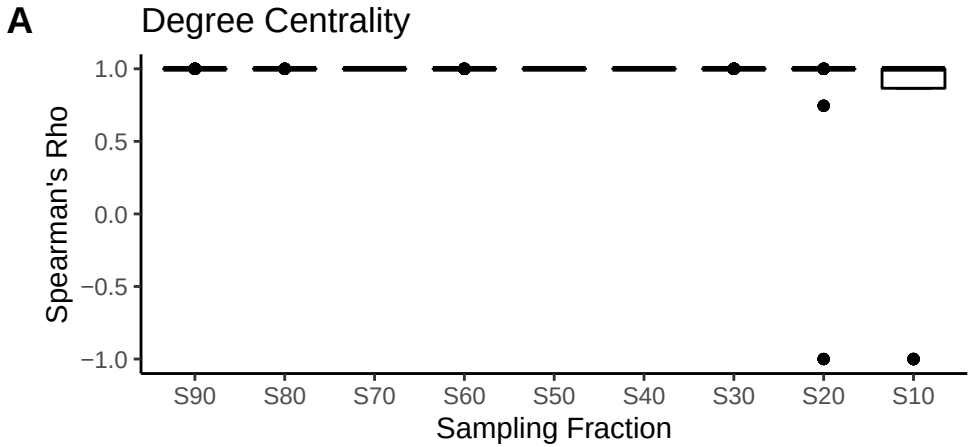
580to600_network_45
A
Degree Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
−1.0
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.8
0.6
0.4
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.90
0.85
0.80
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.15
0.10
0.05
0.00
−0.05
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

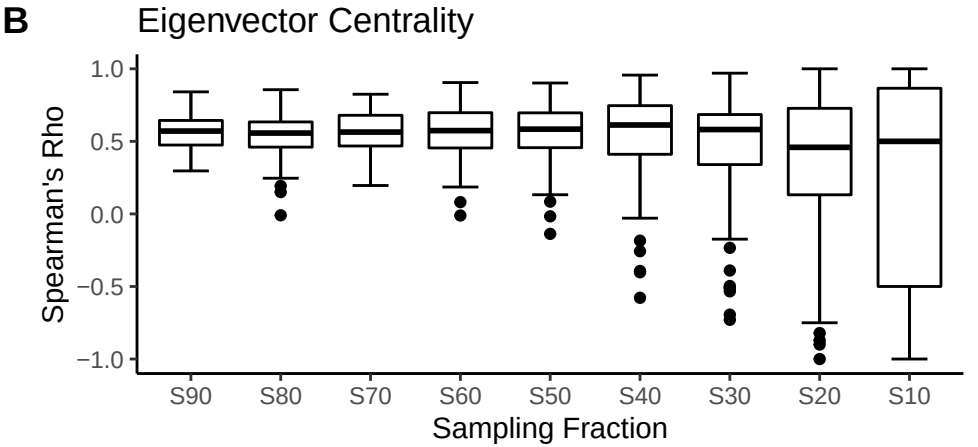

600to620_network_1
A
Degree Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
−1.0
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.050
1.025
1.000
0.975
0.950
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
1.00
0.95
0.90
0.85
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
E
Modularity
Modularity Value
0.1
0.0
−0.1
−0.2
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction

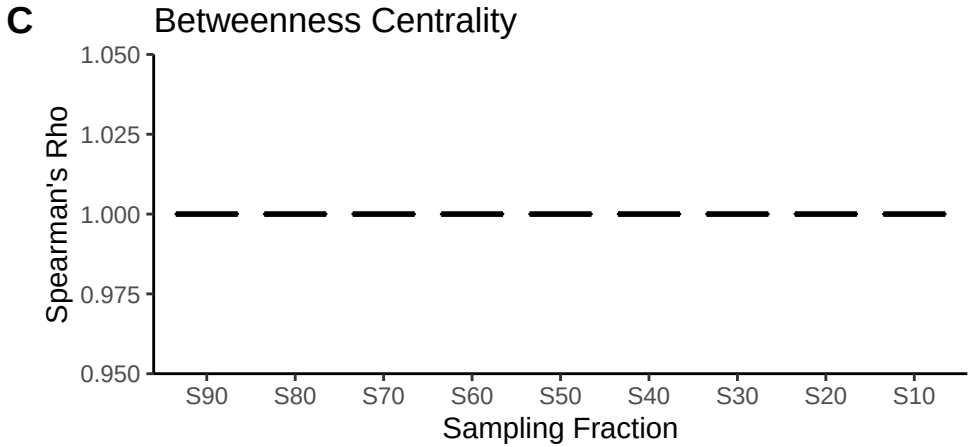
600to620_network_19
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.83
0.82
0.81
0.80
0.79
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.06
0.05
0.04
0.03
0.02
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

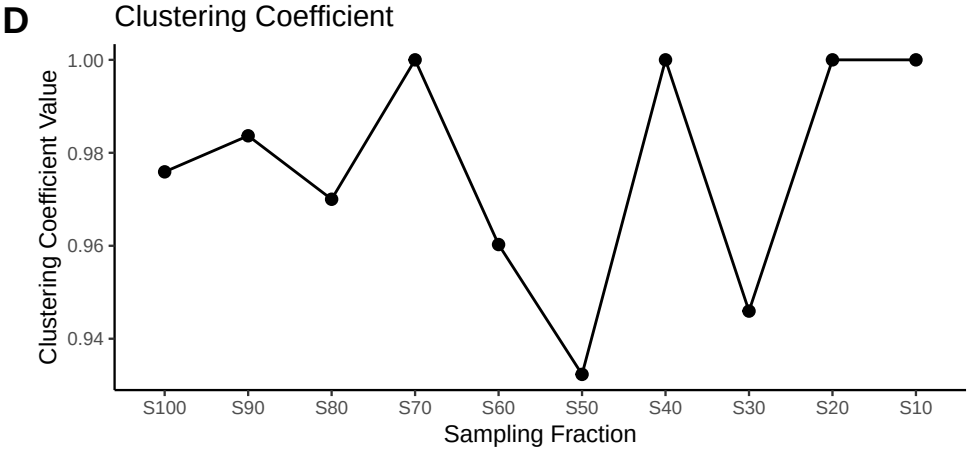
600to620_network_46
A
Degree Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
−1.0
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.875
0.850
0.825
0.800
0.775
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.3
0.2
0.1
0.0
−0.1
−0.2
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

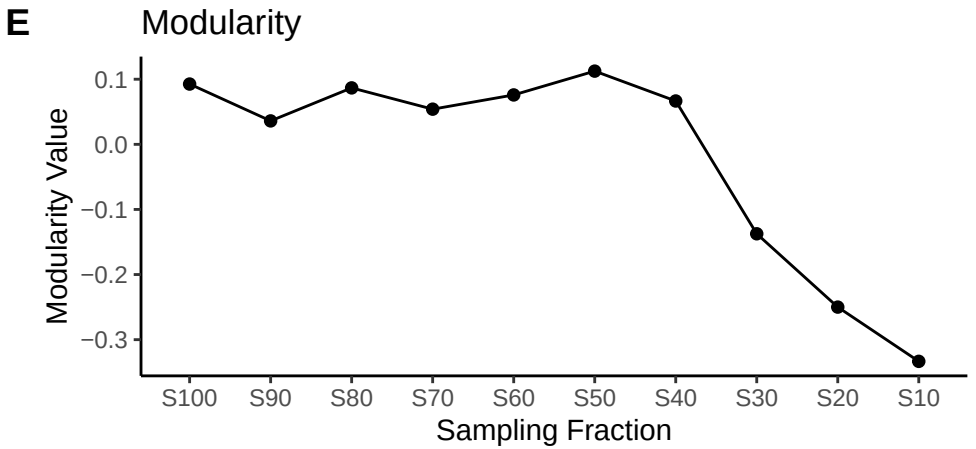
620to640_network_1





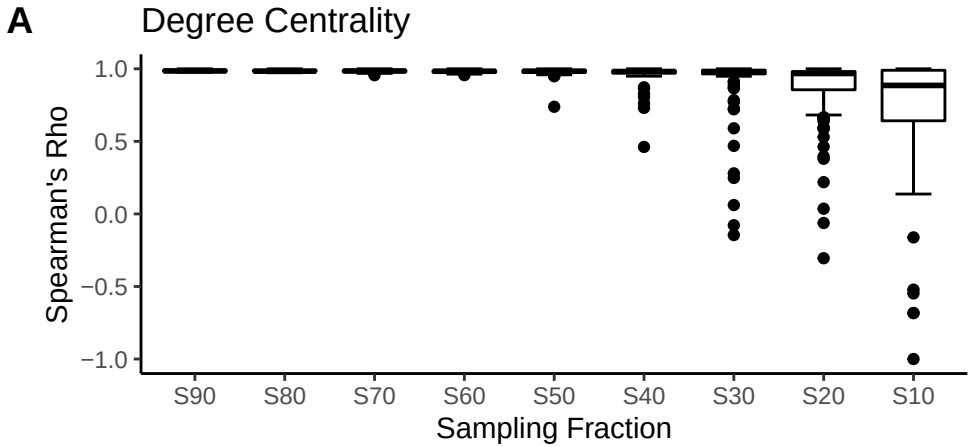


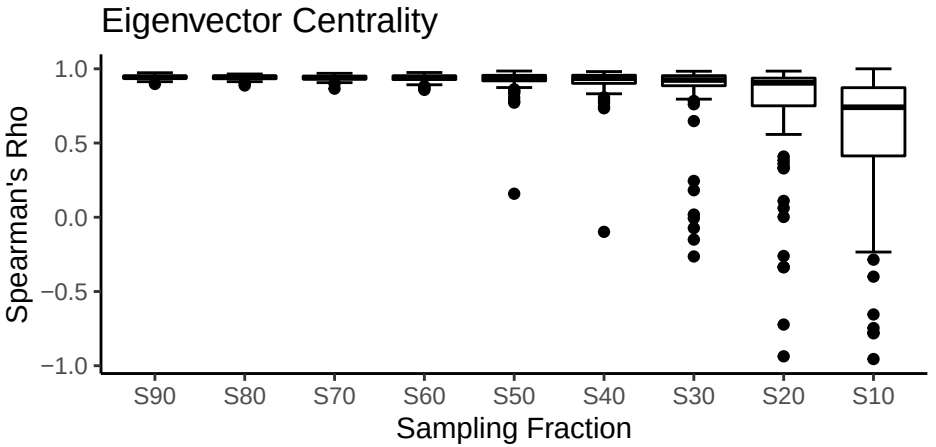


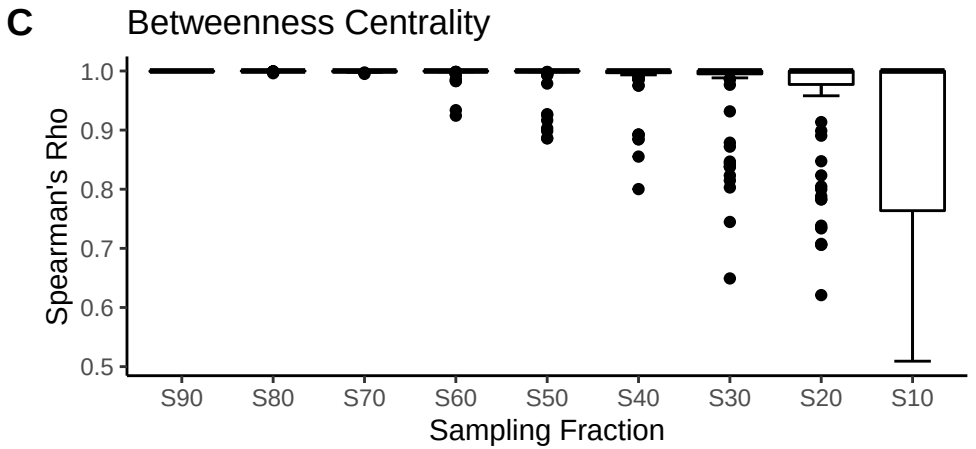


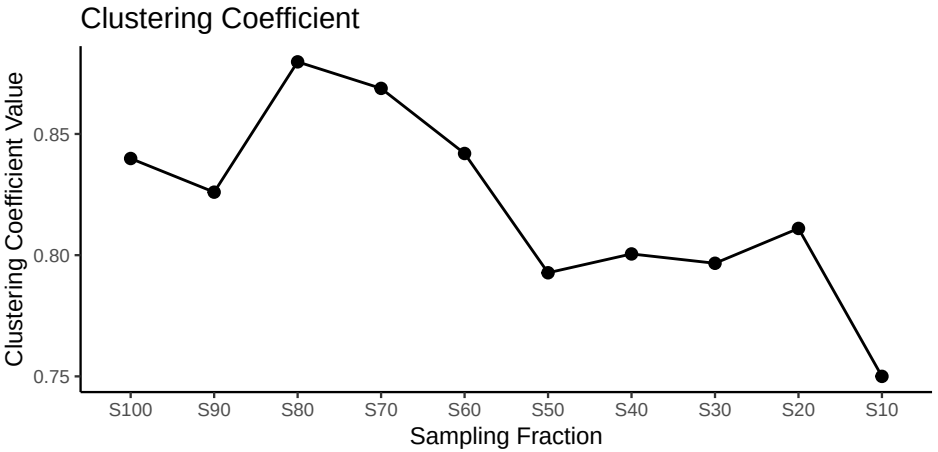
620to640_network_21
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.00
0.75
0.50
0.25
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.90
0.88
0.86
0.84
0.82
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.08
0.06
0.04
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

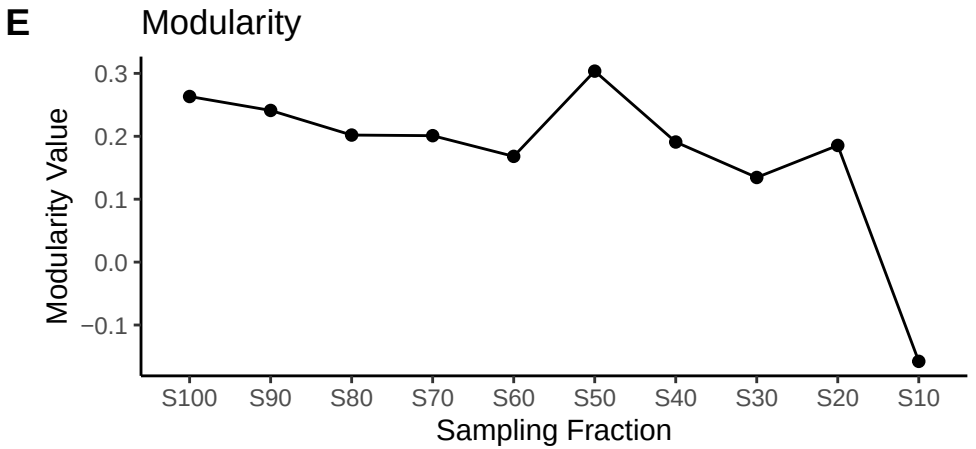
620to640_network_47

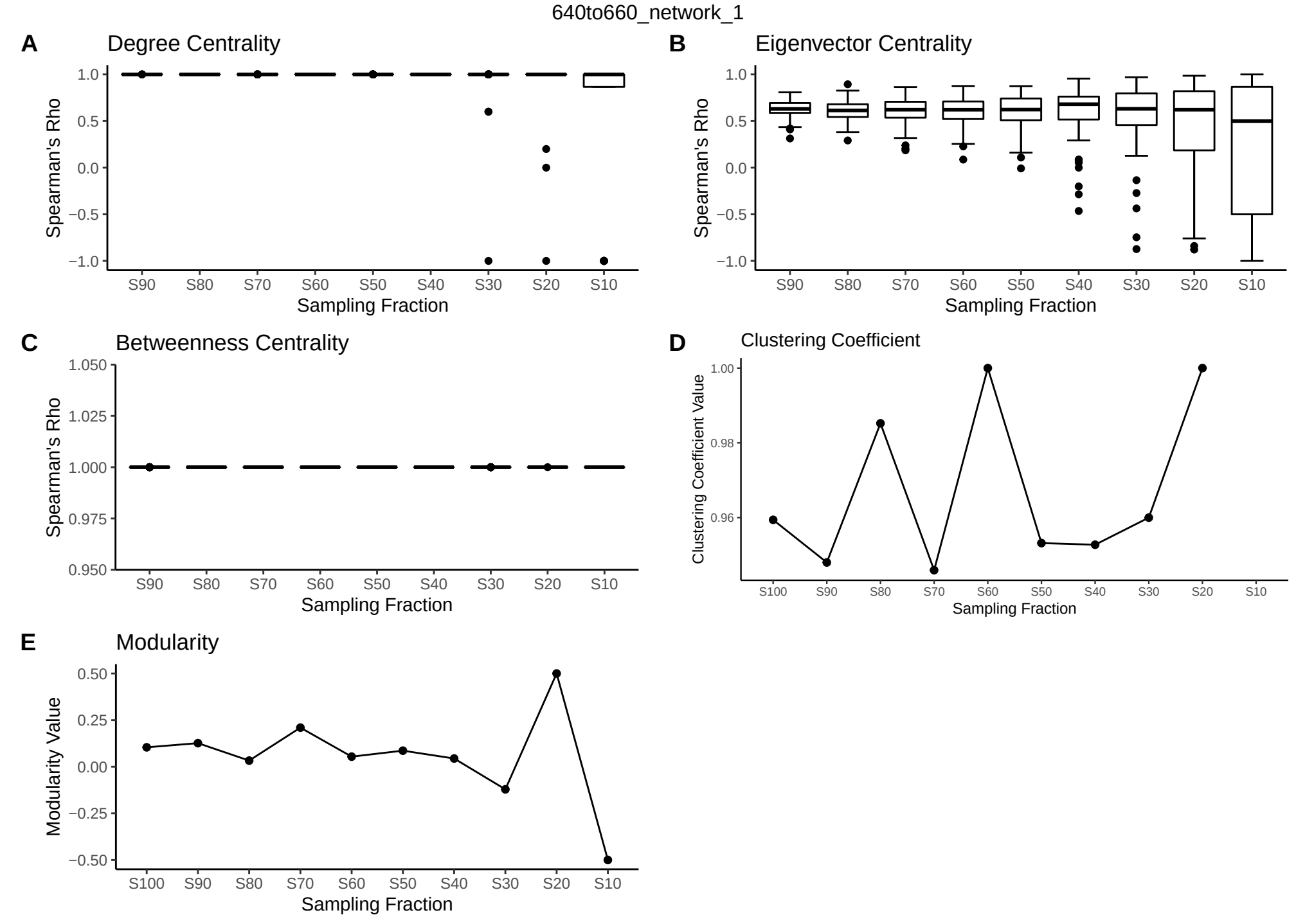






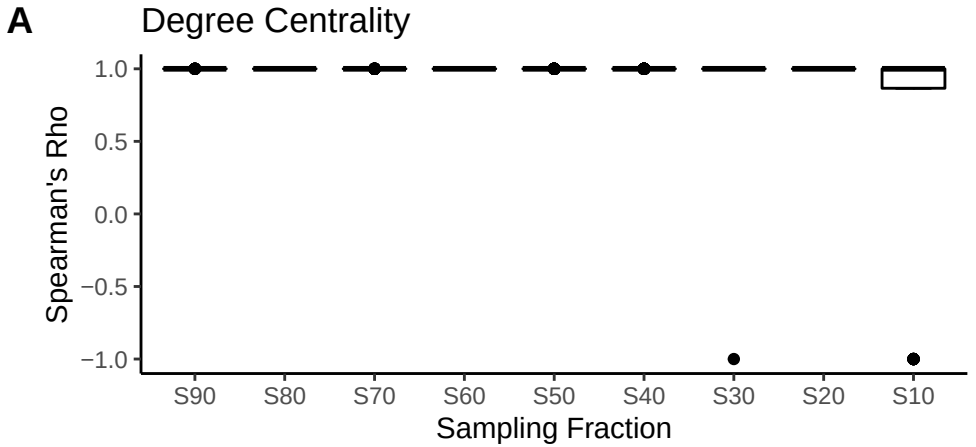


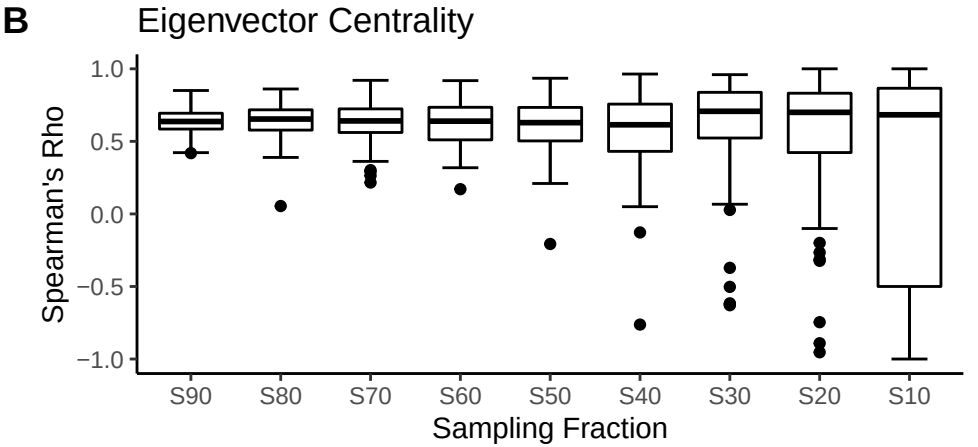


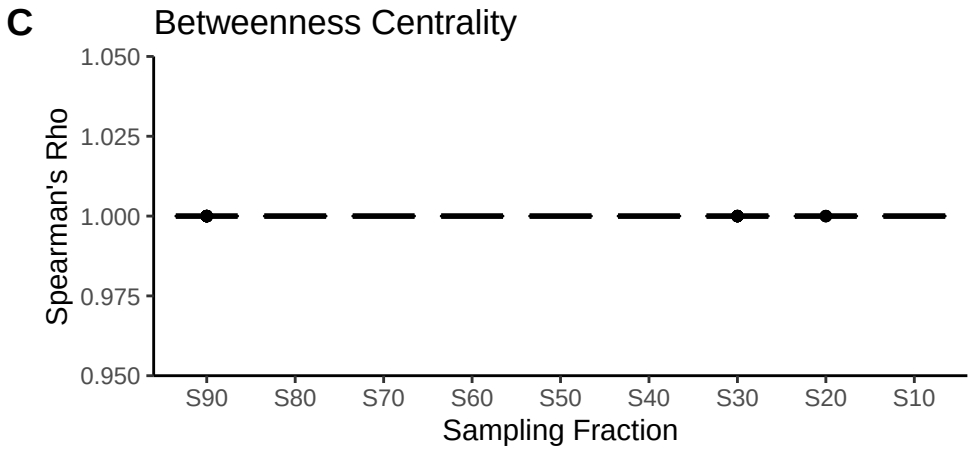

640to660_network_1
A
Degree Centrality
Spearman's Rho
1.0
0.5
0.0
−0.5
−1.0
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.050
1.025
1.000
0.975
0.950
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
1.00
0.98
0.96
S100
Sampling Fraction
E
Modularity
Modularity Value
0.50
0.25
0.00
−0.25
−0.50
Sampling Fraction

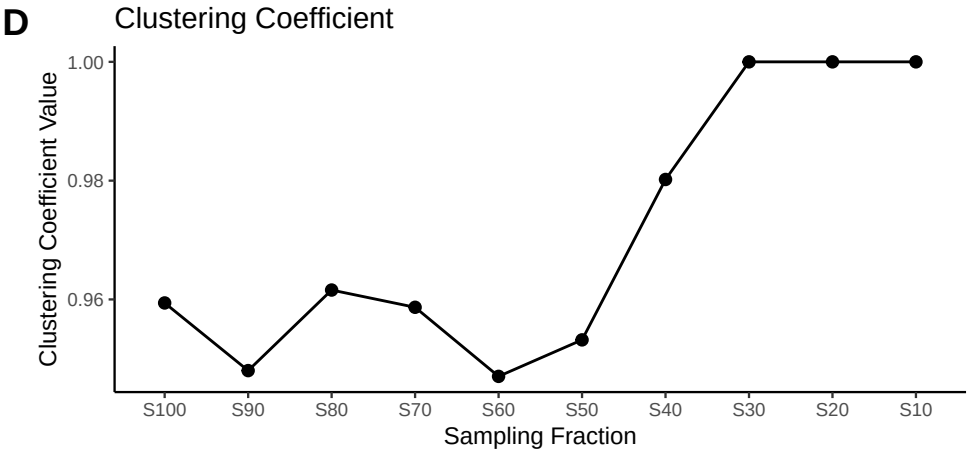
640to660_network_22
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.90
0.85
0.80
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.05
0.04
0.03
0.02
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

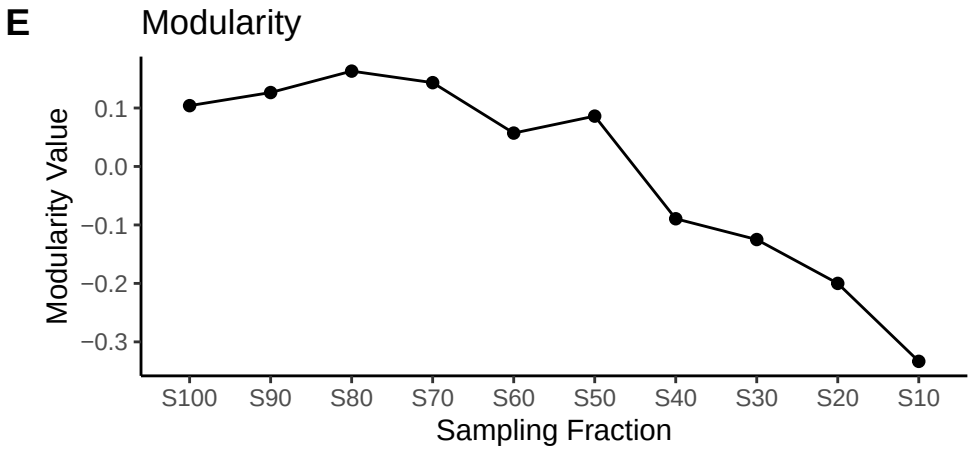
640to660_network_48



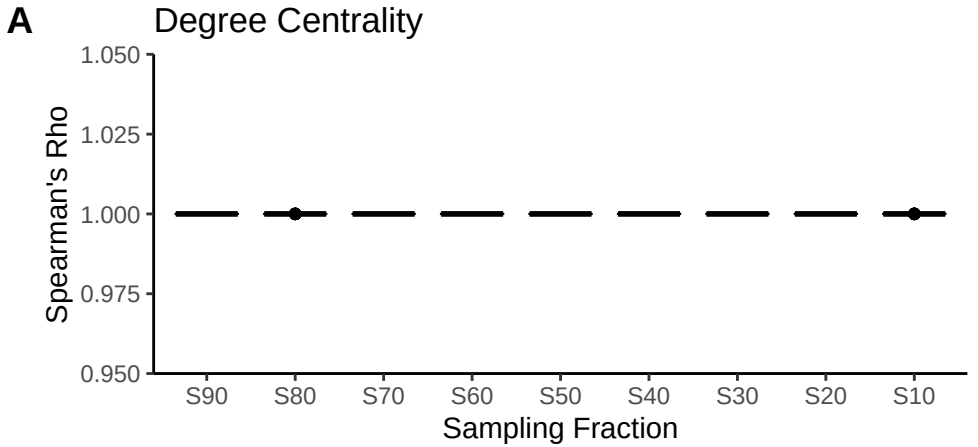


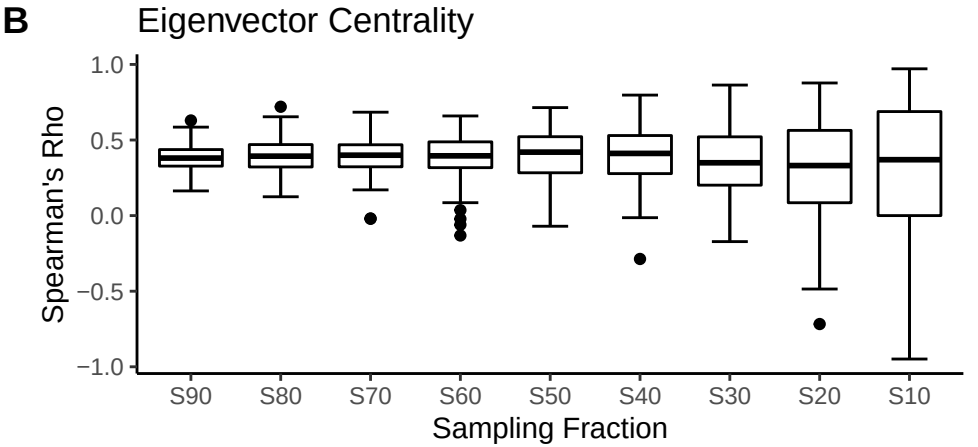


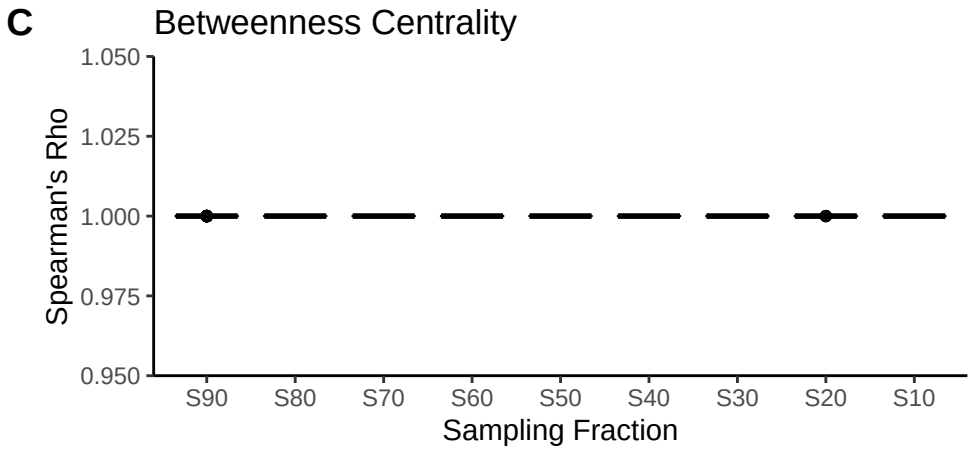


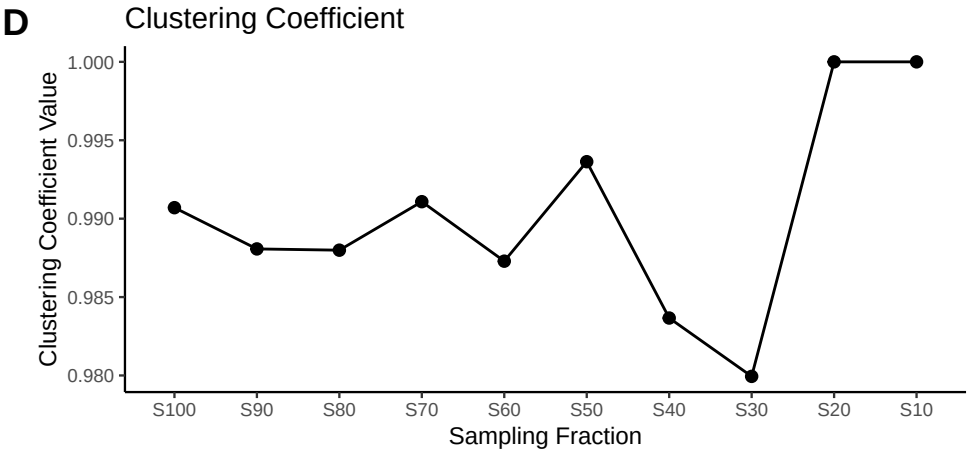


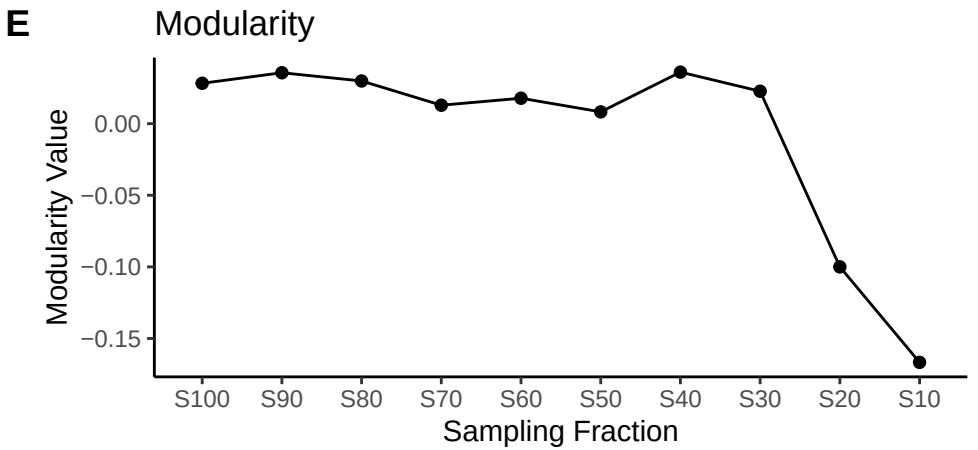
660to680_network_1





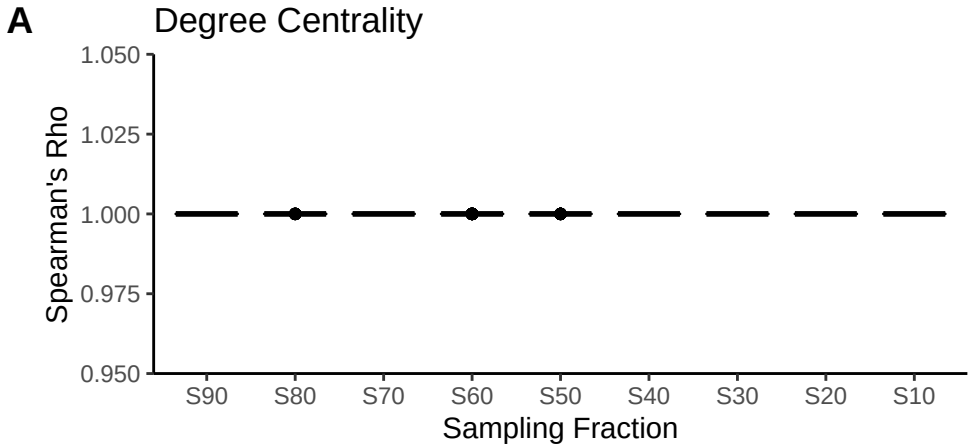


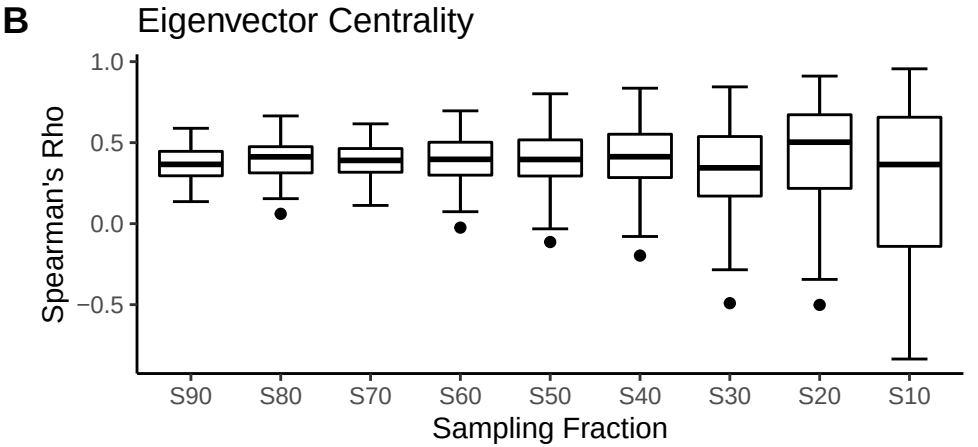


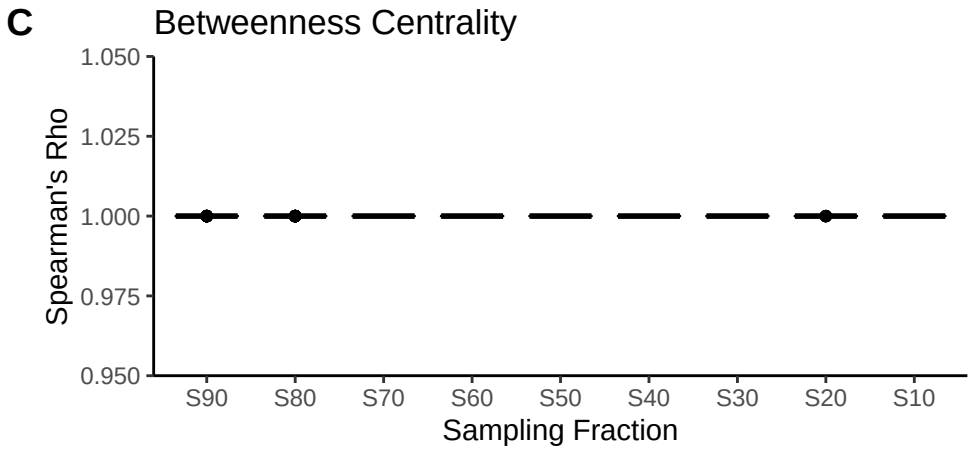


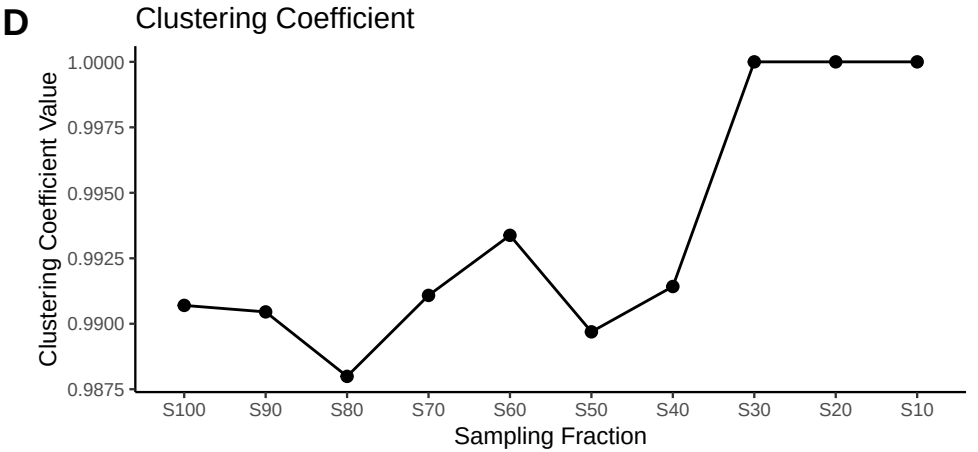
660to680_network_24
A
Degree Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.0
0.9
0.8
0.7
0.6
0.5
S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
0.81
0.78
0.75
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction
E
Modularity
Modularity Value
0.10
0.08
0.06
0.04
0.02
S100 S90 S80 S70 S60 S50 S40 S30 S20 S10
Sampling Fraction

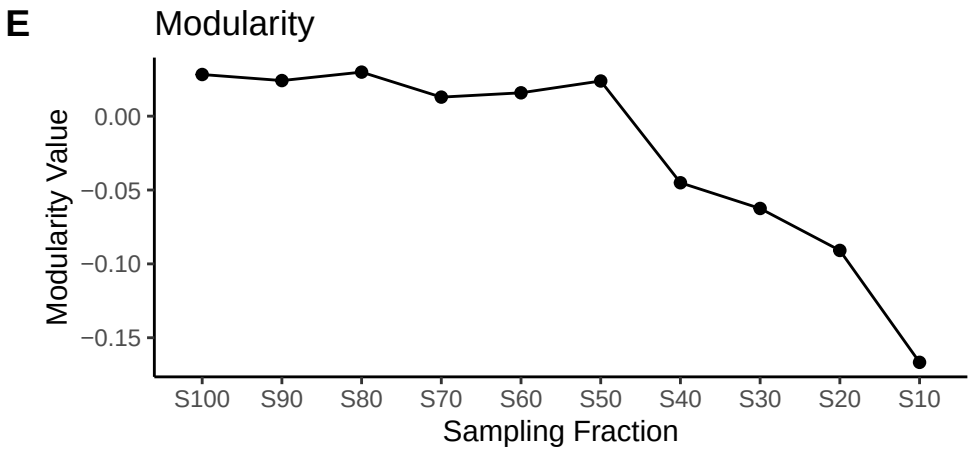
660to680_network_49

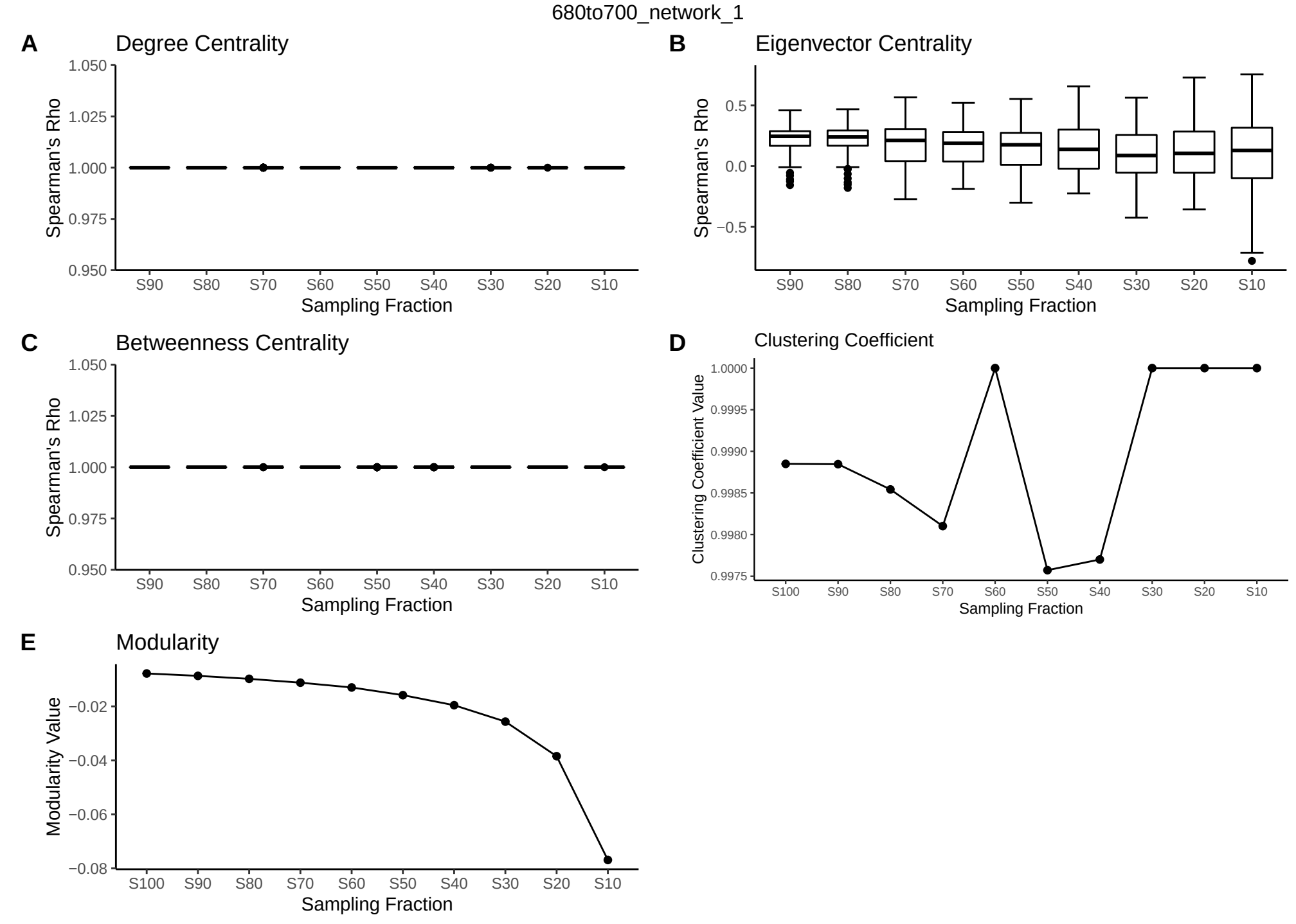




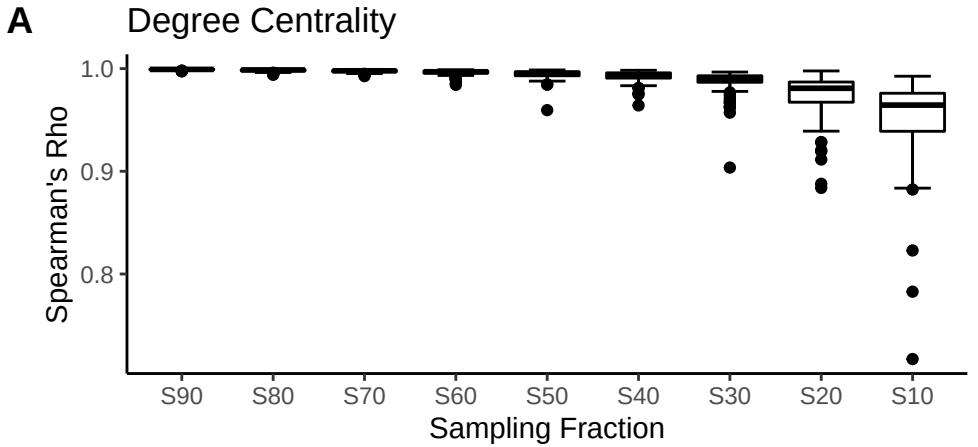


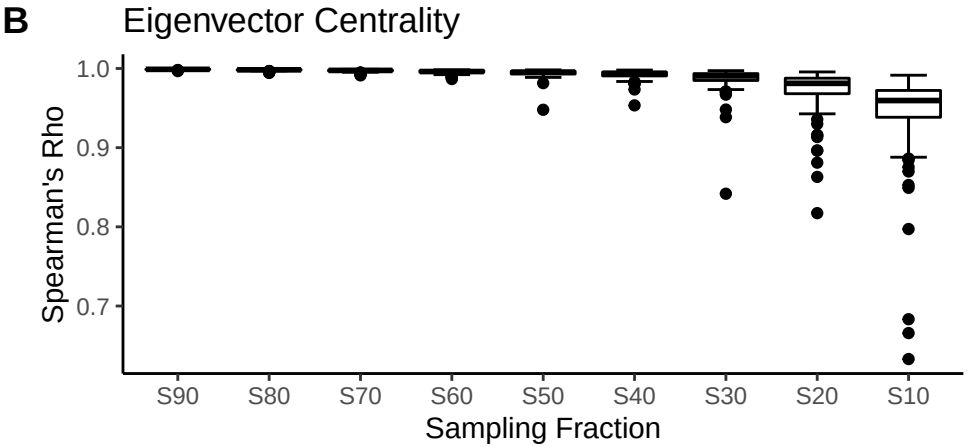


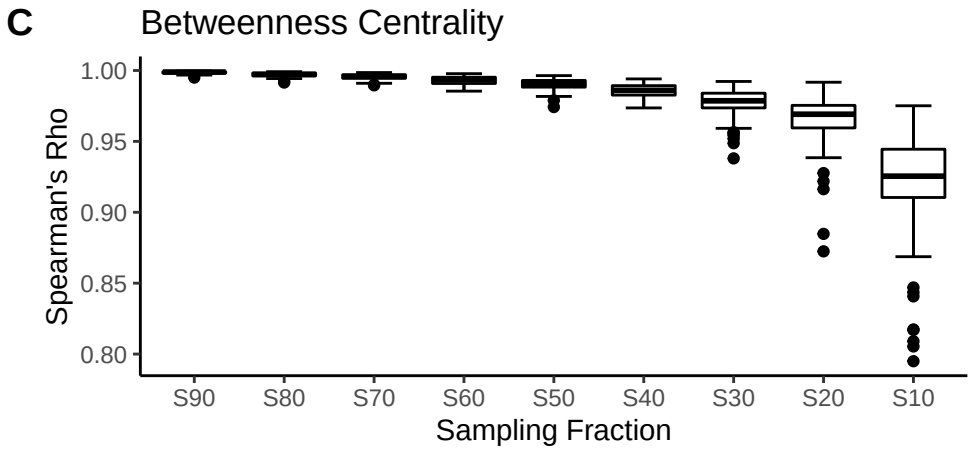


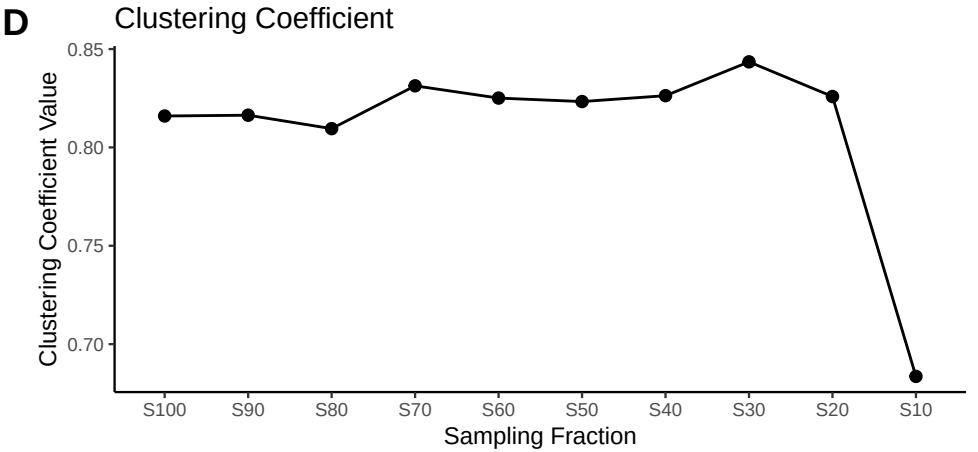

680to700_network_1
A
Degree Centrality
Spearman's Rho
1.050
1.025
1.000
0.975
0.950
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
B
Eigenvector Centrality
Spearman's Rho
0.5
0.0
−0.5
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
C
Betweenness Centrality
Spearman's Rho
1.050
1.025
1.000
0.975
0.950
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
D
Clustering Coefficient
Clustering Coefficient Value
1.0000
0.9995
0.9990
0.9985
0.9980
0.9975
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction
E
Modularity
Modularity Value
−0.02
−0.04
−0.06
−0.08
S100
S90
S80
S70
S60
S50
S40
S30
S20
S10
Sampling Fraction

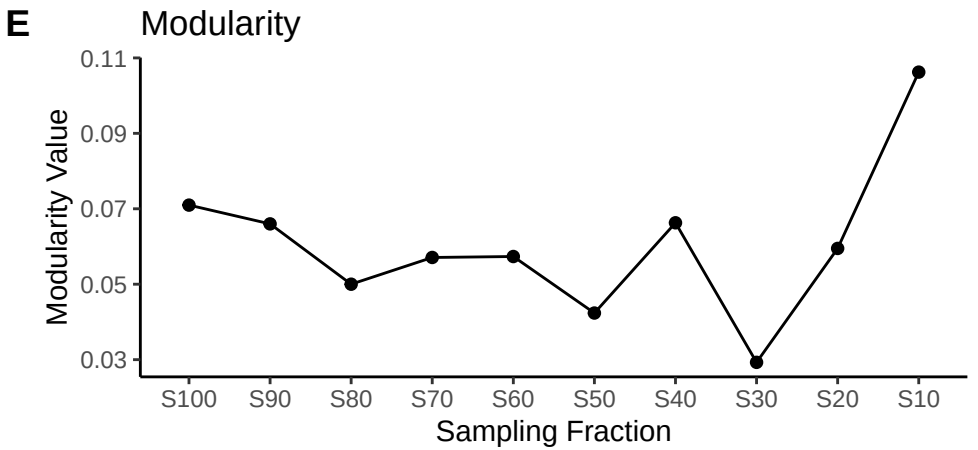
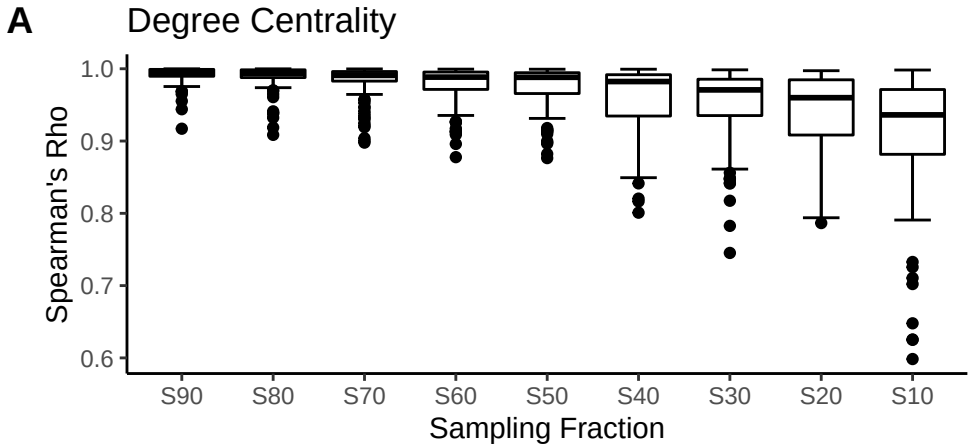
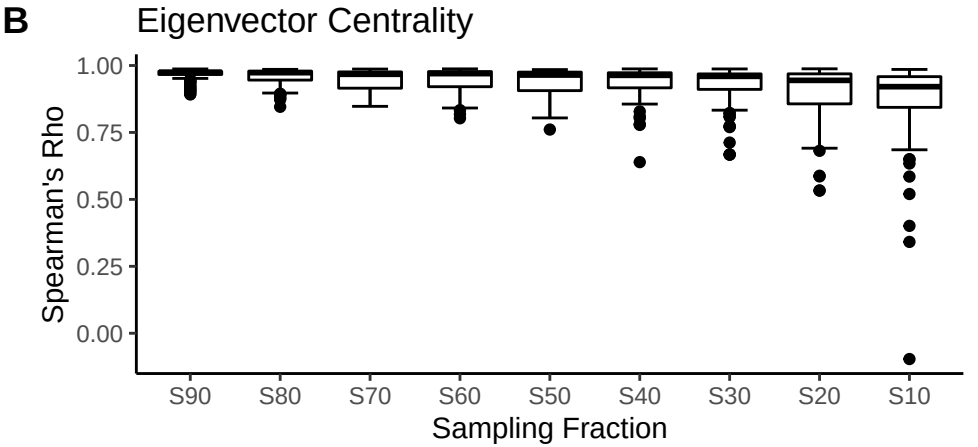
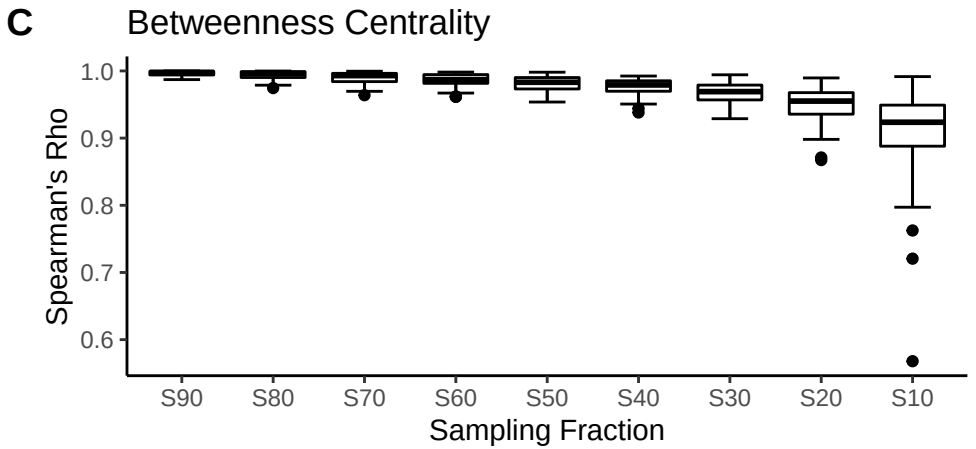
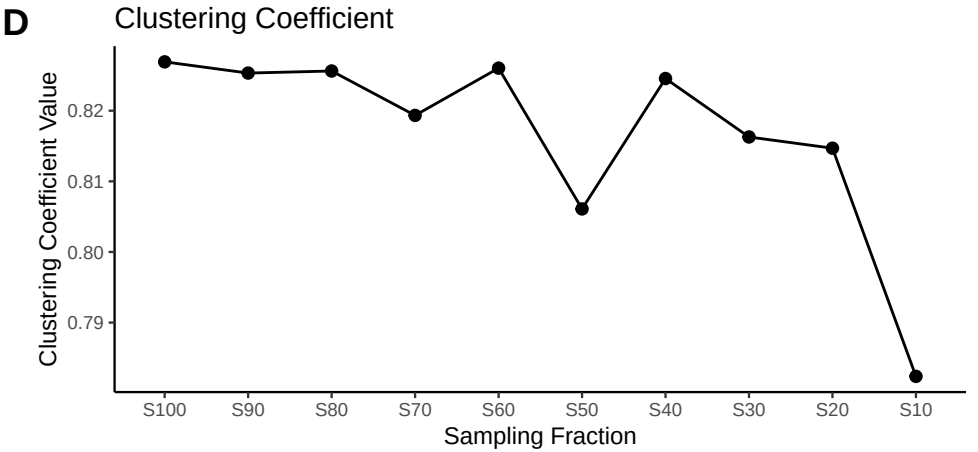
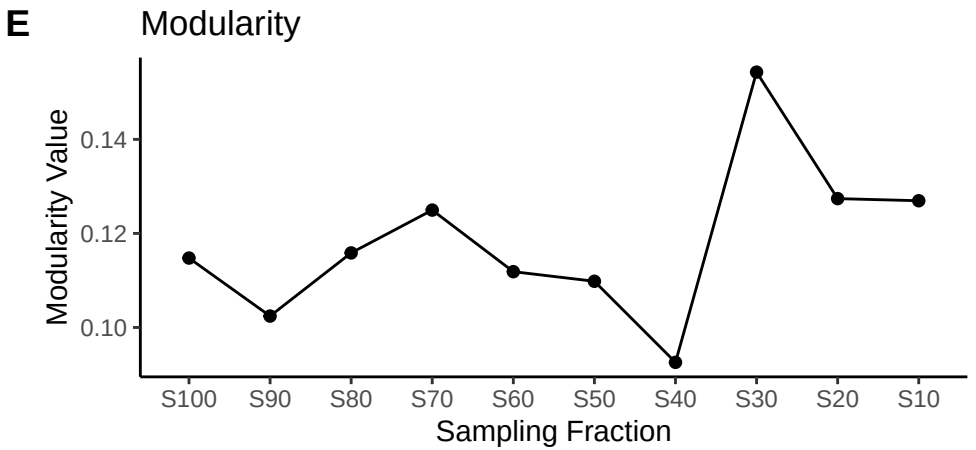
680to700_network_50











680to700_network_27