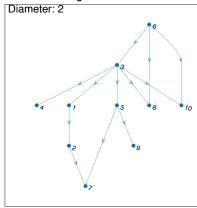
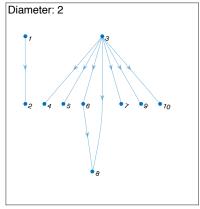
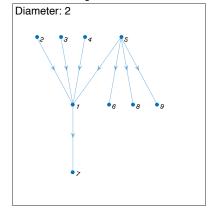
Network E. coli 1	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
$G1 \rightarrow$	0	-1	0	0	0	0	0	0	0	0
$G2 \rightarrow$	0	0	0	0	0	0	1	0	0	0
$G3 \rightarrow$	-1	0	0	1	-1	0	0	-1	0	-1
$G4 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G5 \rightarrow$	0	0	0	0	0	0	-1	0	-1	0
$G6 \rightarrow$	0	0	1	0	0	0	0	1	0	1
$G7 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G8 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G9 \rightarrow$	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0
Network E. coli 2	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
$G1 \rightarrow$	0	-1	0	0	0	0	0	0	0	0
$G2 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G3 \rightarrow$	0	0	0	1	1	1	1	1	1	-1
$G4 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G5 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G6 \rightarrow$	0	0	0	0	0	0	0	-1	0	0
$G7 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G8 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G9 \rightarrow$	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0
Network E. coli 3	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
$Gl \rightarrow$	0	0	0	0	0	0	1	0	0	0
$G2 \rightarrow$	-1	0	0	0	0	0	0	0	0	0
$G3 \rightarrow$	-1	0	0	0	0	0	0	0	0	0
$G4 \rightarrow$	1	0	0	0	0	0	0	0	0	0
$G5 \rightarrow$	-1	0	0	0	0	-1	0	1	1	0
$G6 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G7 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G8 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G9 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G10 \rightarrow$	0	0	0	0	0	0	0	0	0	0



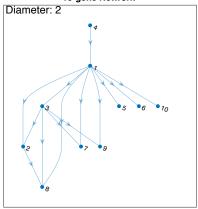


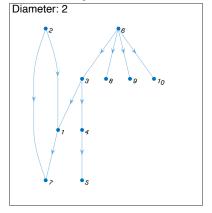


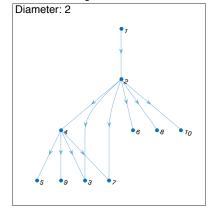


Network E. coli 4	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
$G1 \rightarrow$	0	-1	-1	0	-1	-1	-1	-1	-1	-1
$G2 \rightarrow$	0	0	0	0	0	0	0	1	0	0
$G3 \rightarrow$	0	1	0	0	0	0	1	1	1	0
$G4 \rightarrow$	1	0	0	0	0	0	0	0	0	0
$G5 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G6 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G7 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G8 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G9 \rightarrow$	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0
Network E. coli 5	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
$G1 \rightarrow$	0	0	0	0	0	0	1	0	0	0
$G2 \rightarrow$	1	0	0	0	0	0	-1	0	0	0
$G3 \rightarrow$	1	0	0	1	0	0	0	0	0	0
$G4 \rightarrow$	0	0	0	0	-1	0	0	0	0	0
$G5 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G6 \rightarrow$	0	0	1	0	0	0	0	1	1	1
$G7 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G8 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G9 \rightarrow$	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0
Network E. coli 6	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
$G1 \rightarrow$	0	1	0	0	0	0	0	0	0	0
$G2 \rightarrow$	0	0	-1	-1	0	1	-1	-1	0	-1
$G3 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G4 \rightarrow$	0	0	1	0	-1	0	1	0	1	0
$G5 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G6 \rightarrow$	0	0	0	0	0	0	0	0	0	0
G7 →	0	0	0	0	0	0	0	0	0	0
$G8 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G9 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G10 \rightarrow$	0	0	0	0	0	0	0	0	0	0

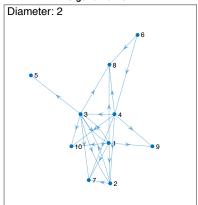




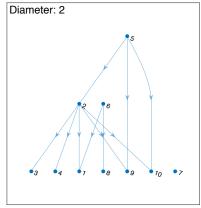


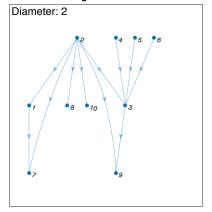


Network E. coli 7	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
$G1 \rightarrow$	0	1	1	0	0	0	1	1	1	1
$G2 \rightarrow$	0	0	-1	0	0	0	-1	0	0	0
$G3 \rightarrow$	-1	1	0	0	1	0	1	1	0	1
$G4 \rightarrow$	0	1	1	0	0	0	1	1	1	1
$G5 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G6 \rightarrow$	0	0	0	1	0	0	0	1	0	0
$G7 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G8 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G9 \rightarrow$	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0
Network E. coli 8	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
$G1 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G2 \rightarrow$	-1	0	-1	-1	0	0	0	0	-1	-1
$G3 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G4 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G5 \rightarrow$	0	1	0	0	0	0	0	0	-1	1
$G6 \rightarrow$	-1	0	0	0	0	0	0	1	0	0
G7 →	0	0	0	0	0	0	0	0	0	0
$G8 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G9 \rightarrow$	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0
Network E. coli 9	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
$G1 \rightarrow$	0	0	0	0	0	0	1	0	0	0
$G2 \rightarrow$	1	0	-1	0	0	0	1	1	-1	1
$G3 \rightarrow$	0	0	0	0	0	0	0	0	1	0
$G4 \rightarrow$	0	0	-1	0	0	0	0	0	0	0
$G5 \rightarrow$	0	0	1	0	0	0	0	0	0	0
$G6 \rightarrow$	0	0	-1	0	0	0	0	0	0	0
G7 →	0	0	0	0	0	0	0	0	0	0
$G8 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G9 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G10 \rightarrow$	0	0	0	0	0	0	0	0	0	0



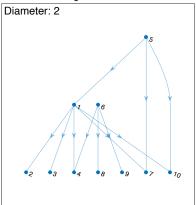
10-gene Network

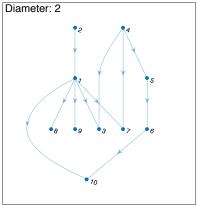


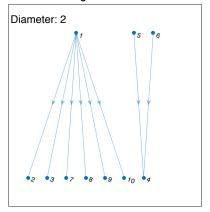


Network E. coli 10	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
Gl →	0	-1	-1	-1	0	0	-1	0	0	-1
$G2 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G3 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G4 \rightarrow$	0	0	0	0	0	0	0	0	0	0
G5 →	1	0	0	0	0	0	1	0	0	1
$G6 \rightarrow$	0	0	0	-1	0	0	0	-1	-1	0
$G7 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G8 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G9 \rightarrow$	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0
Network Yeast 1	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
$G1 \rightarrow$	0	0	1	0	0	0	1	1	1	1
$G2 \rightarrow$	1	0	0	0	0	0	0	0	0	0
$G3 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G4 \rightarrow$	0	0	1	0	1	0	1	0	0	0
$G5 \rightarrow$	0	0	0	0	0	1	0	0	0	0
$G6 \rightarrow$	0	0	0	0	0	0	0	0	0	1
G7 →	0	0	0	0	0	0	0	0	0	0
$G8 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G9 \rightarrow$	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0
Network Yeast 2	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
$G1 \rightarrow$	0	1	1	0	0	0	1	1	1	1
$G2 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G3 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G4 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G5 \rightarrow$	0	0	0	1	0	0	0	0	0	0
$G6 \rightarrow$	0	0	0	1	0	0	0	0	0	0
$G7 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G8 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G9 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G10 \rightarrow$	0	0	0	0	0	0	0	0	0	0



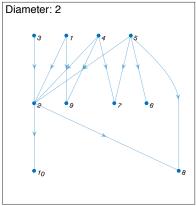


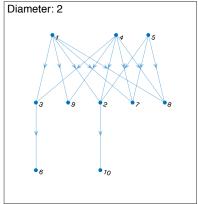


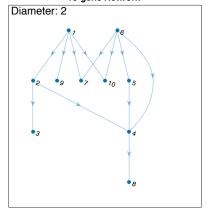


Network Yeast 3	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
$G1 \rightarrow$	0	1	0	0	0	0	0	0	1	0
$G2 \rightarrow$	0	0	0	0	0	0	0	1	0	1
$G3 \rightarrow$	0	1	0	0	0	0	0	0	0	0
$G4 \rightarrow$	0	1	0	0	0	0	1	0	1	0
$G5 \rightarrow$	0	1	0	0	0	1	1	1	0	0
$G6 \rightarrow$	0	0	0	0	0	0	0	0	0	0
G7 →	0	0	0	0	0	0	0	0	0	0
$G8 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G9 \rightarrow$	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0
Network Yeast 4	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
$G1 \rightarrow$	0	1	1	0	0	0	1	1	1	0
$G2 \rightarrow$	0	0	0	0	0	0	0	0	0	1
$G3 \rightarrow$	0	0	0	0	0	1	0	0	0	0
$G4 \rightarrow$	0	1	1	0	0	0	1	1	1	0
$G5 \rightarrow$	0	1	0	0	0	0	1	1	0	0
$G6 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G7 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G8 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G9 \rightarrow$	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0
Network Yeast 5	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
$G1 \rightarrow$	0	1	0	0	0	0	1	0	1	1
$G2 \rightarrow$	0	0	1	1	0	0	0	0	0	0
$G3 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G4 \rightarrow$	0	0	0	0	0	0	0	1	0	0
$G5 \rightarrow$	0	0	0	1	0	0	0	0	0	0
$G6 \rightarrow$	0	0	0	1	1	0	1	0	0	1
$G7 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G8 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G9 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G10 \rightarrow$	0	0	0	0	0	0	0	0	0	0



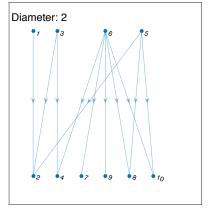


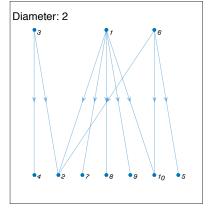


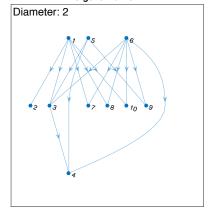


Network Yeast 6	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
$G1 \rightarrow$	0	1	0	0	0	0	0	0	0	0
$G2 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G3 \rightarrow$	0	1	0	1	0	0	0	0	0	0
$G4 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G5 \rightarrow$	0	1	0	0	0	0	0	1	0	1
$G6 \rightarrow$	0	0	0	1	0	0	1	1	1	1
$G7 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G8 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G9 \rightarrow$	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0
Network Yeast 7	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
$G1 \rightarrow$	0	1	0	0	0	0	1	1	1	1
$G2 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G3 \rightarrow$	0	1	0	1	0	0	0	0	0	0
$G4 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G5 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G6 \rightarrow$	0	1	0	0	1	0	0	0	0	1
G7 →	0	0	0	0	0	0	0	0	0	0
$G8 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G9 \rightarrow$	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0
Network Yeast 8	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
$G1 \rightarrow$	0	1	1	0	0	0	1	1	0	1
$G2 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G3 \rightarrow$	0	0	0	1	0	0	0	0	0	0
$G4 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G5 \rightarrow$	0	0	1	1	0	0	0	0	1	0
$G6 \rightarrow$	0	0	1	1	0	0	1	1	1	1
G7 →	0	0	0	0	0	0	0	0	0	0
$G8 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G9 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G10 \rightarrow$	0	0	0	0	0	0	0	0	0	0



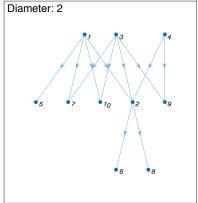


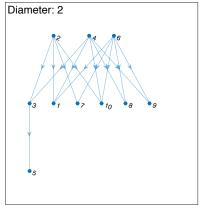


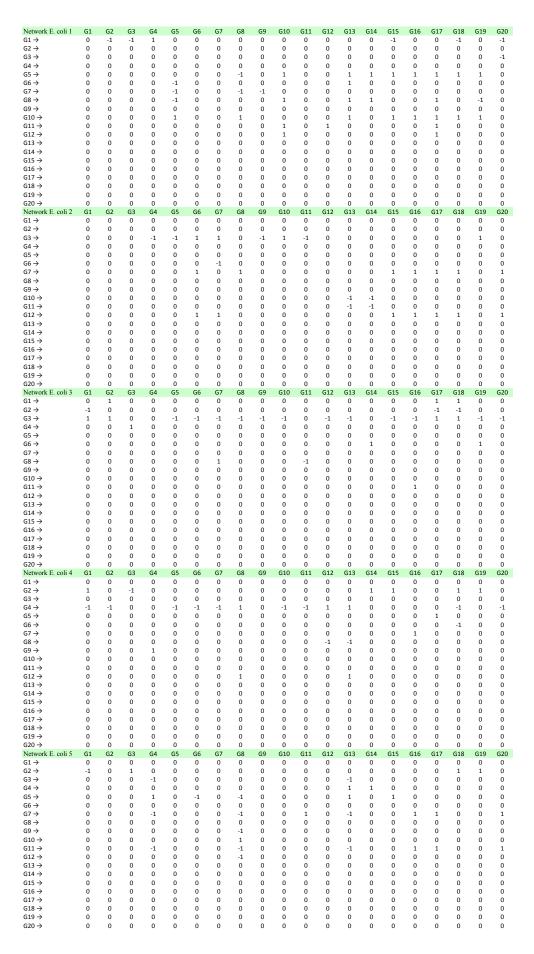


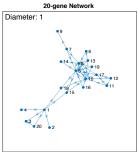
Network Yeast 9	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
$G1 \rightarrow$	0	1	0	0	1	0	1	0	0	1
$G2 \rightarrow$	0	0	0	0	0	1	0	1	0	0
$G3 \rightarrow$	0	1	0	0	0	0	1	0	1	1
$G4 \rightarrow$	0	1	0	0	0	0	0	0	1	0
$G5 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G6 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G7 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G8 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G9 \rightarrow$	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0
Network Yeast 10	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
Network Yeast 10 G1 →	G1 0	G2 0	G3 0	G4 0	G5 0	G6 0	G7 0	G8 0	G9 0	G10 0
Gl →	0	0	0	0	0	0	0	0	0	0
$G1 \rightarrow$ $G2 \rightarrow$	0	0	0	0	0	0	0	0	0	0
$G1 \rightarrow$ $G2 \rightarrow$ $G3 \rightarrow$	0 1 0	0 0 0	0 1 0	0 0 0	0 0 1	0 0 0	0 1 0	0 0 0	0 0 0	0 1 0
$G1 \rightarrow$ $G2 \rightarrow$ $G3 \rightarrow$ $G4 \rightarrow$	0 1 0	0 0 0	0 1 0	0 0 0	0 0 1 0	0 0 0	0 1 0	0 0 0	0 0 0	0 1 0
$G1 \rightarrow$ $G2 \rightarrow$ $G3 \rightarrow$ $G4 \rightarrow$ $G5 \rightarrow$	0 1 0 1	0 0 0 0	0 1 0 1	0 0 0 0	0 0 1 0	0 0 0 0	0 1 0 0	0 0 0 1	0 0 0 1	0 1 0 1
$G1 \rightarrow$ $G2 \rightarrow$ $G3 \rightarrow$ $G4 \rightarrow$ $G5 \rightarrow$ $G6 \rightarrow$	0 1 0 1 0	0 0 0 0	0 1 0 1 0	0 0 0 0 0	0 0 1 0 0	0 0 0 0 0	0 1 0 0 0	0 0 0 1 0	0 0 0 1 0	0 1 0 1 0
$G1 \rightarrow$ $G2 \rightarrow$ $G3 \rightarrow$ $G4 \rightarrow$ $G5 \rightarrow$ $G6 \rightarrow$ $G7 \rightarrow$	0 1 0 1 0	0 0 0 0 0	0 1 0 1 0 0	0 0 0 0 0	0 0 1 0 0 0	0 0 0 0 0	0 1 0 0 0 1	0 0 0 1 0	0 0 0 1 0	0 1 0 1 0

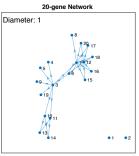


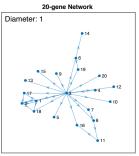


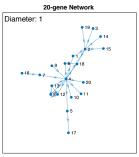


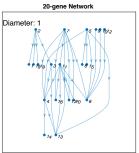


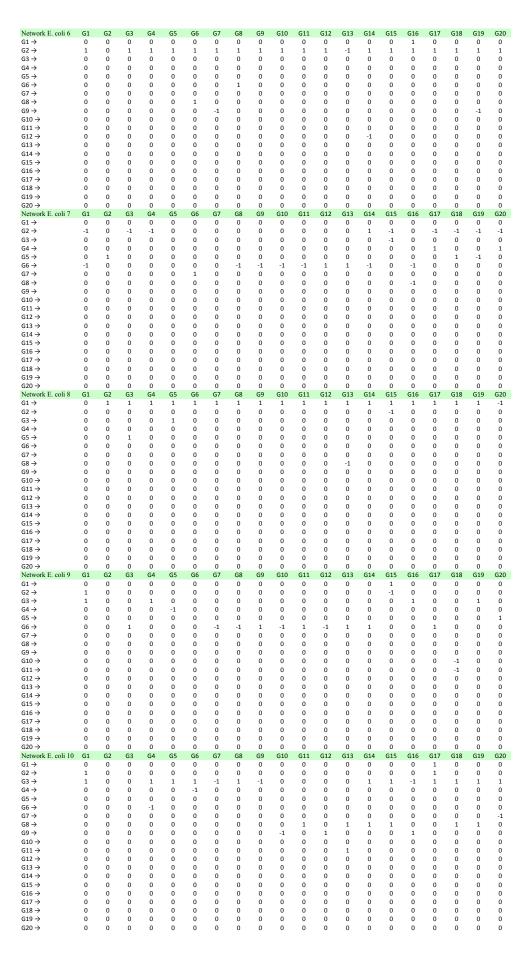


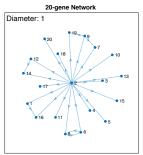


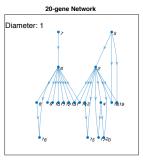


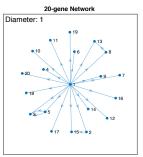


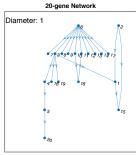


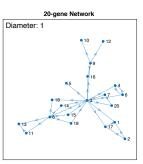












Network Yeast 1	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	G12	G13	G14	G15	G16	G17	G18	G19	G20
G1 → G2 →	0	1 0	0	0	0	0	0	0	1 0	0	0 1	0 1	0	0	0	0 1	0	0	1 0	0
G3 →	0	1	0	1	0	0	0	1	0	1	0	0	1	0	0	1	1	0	0	1
G4 →	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
G5 →	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1
G6 → G7 →	0	1 0	0	0	0	0	1 0	0	0	0	0	1 0	0	1 0	0 1	0	0	0	0	0
G8 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G9 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G11 → G12 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G13 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G14 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G15 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G16 → G17 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G17 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G19 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G20 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Network Yeast 2 G1 →	G1 0	G2 1	G3 0	G4 0	G5 0	G6 0	G7 0	G8 0	G9 1	G10 0	G11 0	G12 0	G13 0	G14 0	G15 1	G16 0	G17 1	G18 0	G19 0	G20 0
G2 →	0	0	0	0	0	0	1	1	0	1	0	1	0	1	0	0	0	1	0	1
G3 →	0	1	0	0	1	0	0	0	1	1	1	0	1	0	0	1	0	0	0	0
G4 → G5 →	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1 0	0 1	1	0	0	0
G6 →	0	1	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	1	1	1
G7 →	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	1	0	1
G8 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G9 → G10 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G10 → G11 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G12 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G13 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G14 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G15 → G16 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G17 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G18 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G19 → G20 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Network Yeast 3	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	G12	G13	G14	G15	G16	G17	G18	G19	G20
G1 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G2 →	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
G3 → G4 →	0	0	0	0	0 1	0 1	0	0 1	0	0 1	0	0 1	0	0	0	0 1	0 1	0 1	0	0 1
G5 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G6 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G7 →	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
G8 → G9 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	ō	0	0	0	0	0	ō	0	0	0	0	0	0	0	0	0	0	0
G11 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G12 → G13 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G14 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G15 →	0	0	ō	0	0	0	0	0	ō	0	0	0	0	0	0	0	0	0	0	0
G16 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G17 → G18 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G19 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G20 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Network Yeast 4	G1 0	G2	G3 1	G4 1	G5	G6 0	G7	G8 0	G 9	G10 1	G11 1	G12 1	G13 0	G14 0	G15	G16 1	G17 0	G18 0	G19 1	G20 0
G1 → G2 →	0	1 0	0	0	1 0	0	1 0	1	0	0	0	0	1	1	1 0	0	0	0	0	0
G3 →	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
G4 →	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	1	1	0	0
G5 → G6 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1 0	0	0	0	0
G7 →	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0
G8 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G9 → G10 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G12 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G13 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G14 → G15 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G16 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G17 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G18 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G19 → G20 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Network Yeast 5	G1	G2	G3	G4	G5	G6	G7	G8	G 9	G10	G11	G12	G13	G14	G15	G16	G17	G18	G19	G20
G1 →	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G2 → G3 →	0 1	0	0	0 1	0	0	0 1	0	0	0 1	0 1	0	0	0	0 1	0 1	1 1	0	0	0 1
G4 →	1	0	0	0	1	0	1	0	0	1	1	0	0	0	1	1	0	0	0	1
G5 →	0	0	0	0	0	1	0	1	1	0	0	1	1	0	0	0	0	0	1	0
G6 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G7 → G8 →	0	0	0	0	0	1 0	0	0	0	0	0	1 0	1 0	1 0	0	0	0	1 0	0	0
G9 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G11 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G12 → G13 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G14 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G15 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G16 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G17 → G18 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G19 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G20 →	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
020 /																				

