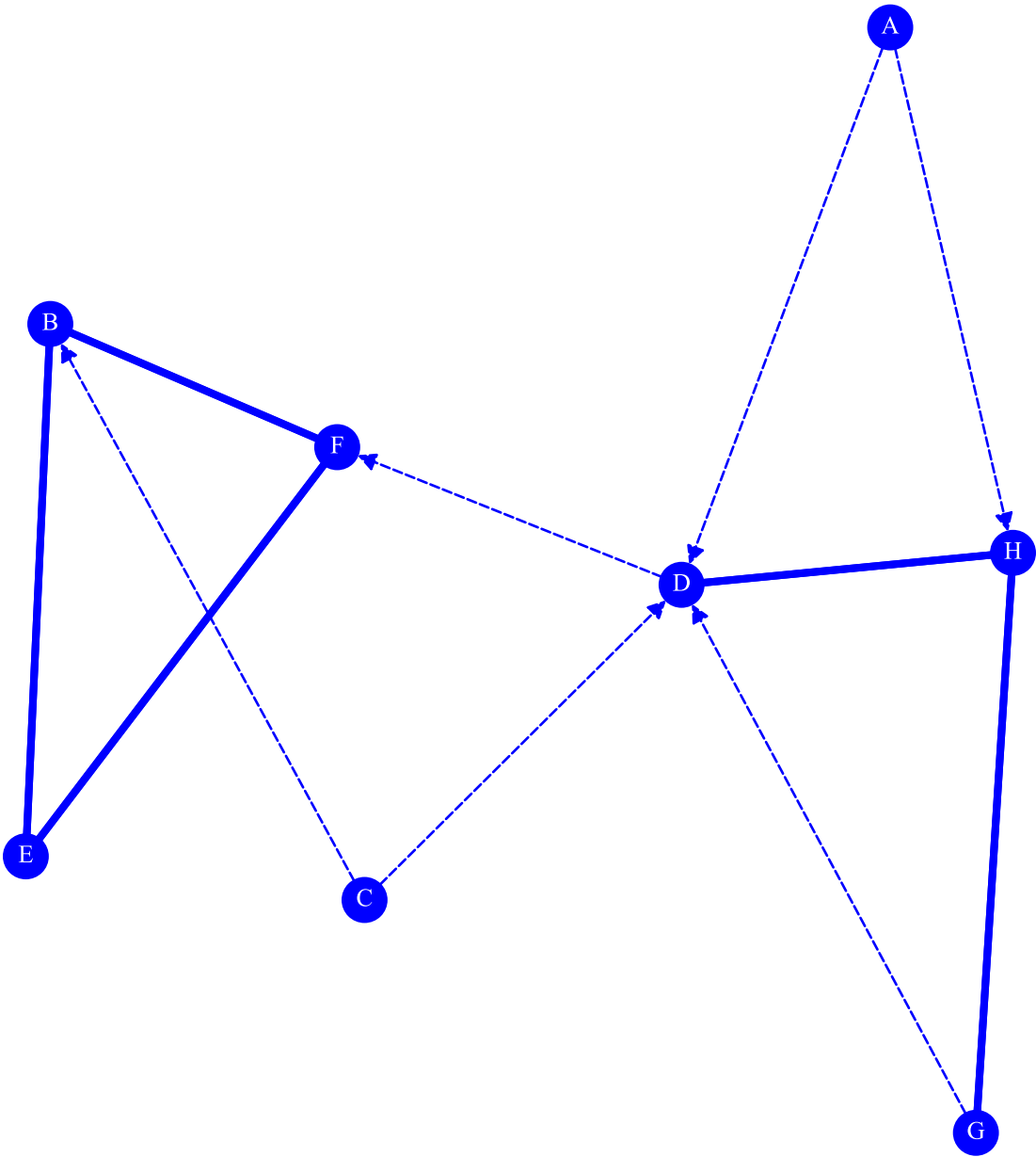


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A. Who would you like in your ideal work group?

NN 8, NE 16, ND 29%, NC 43%, NT 69%, NR 62%





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GROUP 2 - DEMO

SNA RAW SCORES

A. Who would you like in your ideal work group?

ID	CHOICES	IC	PR	BT	CL	HU	ND
A	D, H	0.00	0.02	0.00	0.00	0.18	←
B	E, F	0.43	0.23	0.04	0.50	0.07	
C	B, D	0.00	0.02	0.00	0.00	0.15	←
D	F, H	0.57	0.10	0.27	0.57	0.12	
E	B, F	0.29	0.22	0.00	0.47	0.10	
F	B, E	0.43	0.25	0.19	0.64	0.08	
G	D, H	0.14	0.06	0.00	0.29	0.18	
H	D, G	0.43	0.09	0.07	0.46	0.12	

IC In-Degree PR PageRank BT Betweenness CL Closeness HU Hub ND No In-Degree (←) No Out-Degree (→) No In or Out-Degree (↔)

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GROUP 2 - DEMO

SNA RANK SCORES

A. Who would you like in your ideal work group?

ID	CHOICES	IC	PR	BT	CL	HU	ND
A	D, H	5	7	5	7	1	←
B	E, F	2	2	4	3	7	
C	B, D	5	7	5	7	2	←
D	F, H	1	4	1	2	3	
E	B, F	3	3	5	4	5	
F	B, E	2	1	2	1	6	
G	D, H	4	6	5	6	1	
H	D, G	2	5	3	5	4	

IC In-Degree PR PageRank BT Betweenness CL Closeness HU Hub ND No In-Degree (←) No Out-Degree (→) No In or Out-Degree (↔) Very low Low High Very high

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GROUP 2 - DEMO

SNA NODES ORDERED BY RANKS

A. Who would you like in your ideal work group?

RANK	IC	RANK	PR	RANK	BT	RANK	CL	RANK	HU
1	D	1	F	1	D	1	F	1	A
2	B	2	B	2	F	2	D	1	G
2	F	3	E	3	H	3	B	2	C
2	H	4	D	4	B	4	E	3	D
3	E	5	H	5	A	5	H	4	H
4	G	6	G	5	C	6	G	5	E
5	A	7	A	5	E	7	A	6	F
5	C	7	C	5	G	7	C	7	B

IC In-Degree PR PageRank BT Betweenness CL Closeness HU Hub

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GROUP 2 - DEMO

SNA EDGES GROUPED BY TYPE

A. Who would you like in your ideal work group?

Non reciprocal edges

$X \rightarrow Y$ in network A · not $Y \rightarrow X$ in network A

- A · D
- A · H
- C · B
- C · D
- D · F
- G · D

Reciprocal edges

$X \rightarrow Y$ in network A · $Y \rightarrow X$ in network A

- B · E
- B · F
- D · H
- E · F
- G · H

Half symmetrical edges

$X \rightarrow Y$ in network A · $X \rightarrow Y$ in network B

No edge of this type

Reversed half symmetrical edges

$X \rightarrow Y$ in network A · $Y \rightarrow X$ in network B

- C · D
- D · F

Full symmetrical edges

$X \rightarrow Y, Y \rightarrow X$ in network A · $X \rightarrow Y, Y \rightarrow X$ in network B

No edge of this type



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GROUP 2 - DEMO

SNA SUBGRAPHS

A. Who would you like in your ideal work group?

Strongly Connected Components

Maximal subgraphs where all vertices are mutually reachable.

3

B · E · F

D · G · H

Weakly Connected Components

Maximal subgraphs where any vertices are connected by undirected paths.

8

A · B · C · D · E · F · G · H

Cliques

Subgraphs that become fully connected when directional edges are ignored.

3

B · E · F

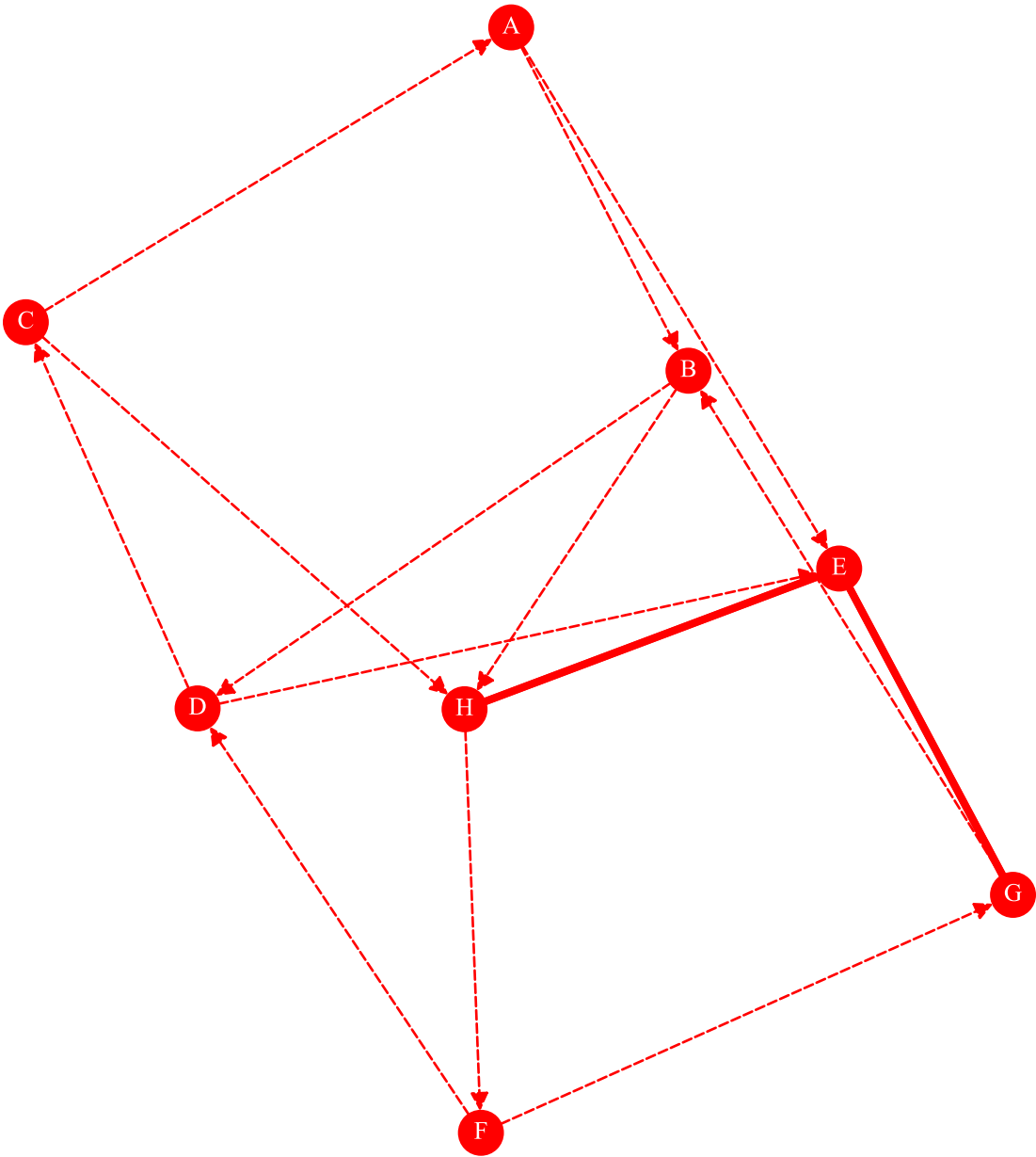
D · G · H

A · D · H

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B. Who would you not want in your ideal work group?

NN 8, NE 16, ND 29%, NC 10%, NT 0%, NR 25%



NN Nodes NE Edges ND Density NC Centralization NT Transitivity NR Reciprocity

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GROUP 2 - DEMO

SNA RAW SCORES

B. Who would you not want in your ideal work group?

ID	CHOICES	IC	PR	BT	CL	HU	ND
A	B, E	0.14	0.05	0.07	0.32	0.28	
B	D, H	0.29	0.11	0.22	0.50	0.00	
C	A, H	0.14	0.06	0.18	0.39	0.00	
D	C, E	0.29	0.11	0.31	0.50	0.22	
E	G, H	0.57	0.23	0.20	0.70	0.00	
F	D, G	0.14	0.10	0.16	0.44	0.00	
G	B, E	0.29	0.16	0.14	0.50	0.28	
H	E, F	0.43	0.19	0.25	0.58	0.22	

IC In-Degree PR PageRank BT Betweenness CL Closeness HU Hub ND No In-Degree (←) No Out-Degree (→) No In or Out-Degree (↔)

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GROUP 2 - DEMO

SNA RANK SCORES

B. Who would you not want in your ideal work group?

ID	CHOICES	IC	PR	BT	CL	HU	ND
A	B, E	4	8	8	6	1	
B	D, H	3	5	3	3	4	
C	A, H	4	7	5	5	3	
D	C, E	3	4	1	3	2	
E	G, H	1	1	4	1	5	
F	D, G	4	6	6	4	6	
G	B, E	3	3	7	3	1	
H	E, F	2	2	2	2	2	

IC In-Degree PR PageRank BT Betweenness CL Closeness HU Hub ND No In-Degree (←) No Out-Degree (→) No In or Out-Degree (↔) Very low Low High Very high



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GROUP 2 - DEMO

SNA NODES ORDERED BY RANKS

B. Who would you not want in your ideal work group?

RANK	IC	RANK	PR	RANK	BT	RANK	CL	RANK	HU
1	E	1	E	1	D	1	E	1	A
2	H	2	H	2	H	2	H	1	G
3	B	3	G	3	B	3	B	2	D
3	D	4	D	4	E	3	D	2	H
3	G	5	B	5	C	3	G	3	C
4	A	6	F	6	F	4	F	4	B
4	C	7	C	7	G	5	C	5	E
4	F	8	A	8	A	6	A	6	F

IC In-Degree PR PageRank BT Betweenness CL Closeness HU Hub

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B. Who would you not want in your ideal work group?

Non reciprocal edges

$X \rightarrow Y$ in network B · not $Y \rightarrow X$ in network B

- A · B
- A · E
- B · D
- B · H
- C · A
- C · H
- D · C
- D · E
- F · D
- F · G
- G · B
- H · F

Reciprocal edges

$X \rightarrow Y$ in network B · $Y \rightarrow X$ in network B

- E · G
- E · H

Half symmetrical edges

$X \rightarrow Y$ in network B · $X \rightarrow Y$ in network A

No edge of this type

Reversed half symmetrical edges

$X \rightarrow Y$ in network B · $Y \rightarrow X$ in network A

- D · C
- F · D

Full symmetrical edges

$X \rightarrow Y, Y \rightarrow X$ in network B · $X \rightarrow Y, Y \rightarrow X$ in network A

No edge of this type

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B. Who would you not want in your ideal work group?

Strongly Connected Components

Maximal subgraphs where all vertices are mutually reachable.

8A · B · C · D · E · F · G · H

Weakly Connected Components

Maximal subgraphs where any vertices are connected by undirected paths.

8A · B · C · D · E · F · G · H

Cliques

Subgraphs that become fully connected when directional edges are ignored.

No components of this type