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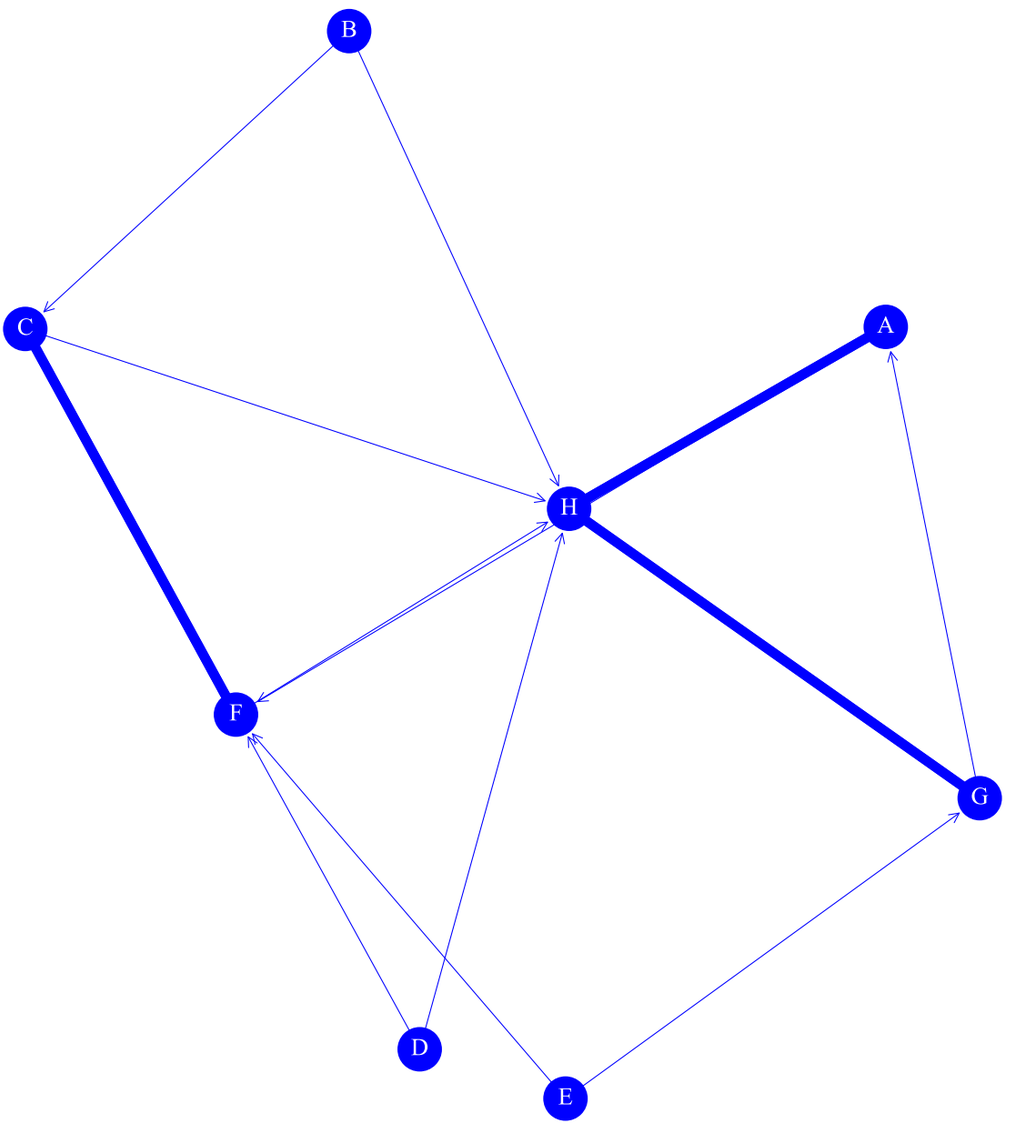
DEMO | GROUP 3 **SNA NETWORK GRAPH**

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

NN 8, **NE** 16, **NR** 3, **ND** 29%, **NC** 52%, **NT** 50%, **NR** 38%



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

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DEMO | GROUP 3 **SNA RAW SCORES**

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

ID	CHOICES	IC	PR	BT	CL	HU	ND
A	F, H	0.29	0.22	0.10	0.58	0.17	
B	C, H	0.00	0.02	0.00	0.00	0.13	←
C	F, H	0.29	0.10	0.02	0.50	0.17	
D	F, H	0.00	0.02	0.00	0.00	0.17	←
E	F, G	0.00	0.02	0.00	0.00	0.08	←
F	C, H	0.57	0.17	0.13	0.70	0.13	
G	A, H	0.29	0.16	0.04	0.58	0.12	
H	A, G	0.86	0.31	0.21	0.88	0.03	

IC In-Degree **PR** PageRank **BT** Betweenness **CL** Closenness **HU** Hub **ND** No In-Degree (←) No Out-Degree (→) No In or Out-Degree (⇄)

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DEMO | GROUP 3 **SNA RANK SCORES**

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

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

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

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DEMO | GROUP 3 **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	H	1	H	1	H	1	H	1	A
2	F	2	A	2	F	2	F	1	C
3	A	3	F	3	A	3	A	1	D
3	C	4	G	4	G	3	G	2	B
3	G	5	C	5	C	4	C	2	F
4	B	6	B	6	B	5	B	3	G
4	D	6	D	6	D	5	D	4	E
4	E	6	E	6	E	5	E	5	H

IC In-Degree **PR** PageRank **BT** Betweenness **CL** Closenness **HU** Hub

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

Non reciprocal edges

X → Y in network A · not Y → X in network A

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

Reciprocal edges

X → Y in network A · Y → X in network A

A · H | C · F | G · H

Half symmetrical edges

X → Y in network A · X → Y in network B

No edge of this type

Reversed half symmetrical edges

X → Y in network A · Y → X in network B

B · H | D · F | D · H | G · A

Full symmetrical edges

X → Y, Y → X in network A · X → Y, Y → X in network B

No edge of this type

This report is designed as a support tool to facilitate decision-making and does not replace the professional judgment of industry experts. Interpretations drawn from the report should be integrated with other information related to the specific evaluation context.

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

Cliques

Each node can reach every other node: a) without intermediaries; b) ignoring the direction of connections

3 A · G · H | C · F · H | A · F · H | D · F · H | B · C · H

Strongly Connected Groups

Each node can reach every other node: a) with or without intermediaries; b) following the direction of connections

5 A · C · F · G · H

Weakly Connected Groups

Each node can reach every other node: a) with or without intermediaries; b) ignoring the direction of connections

8 A · B · C · D · E · F · G · H

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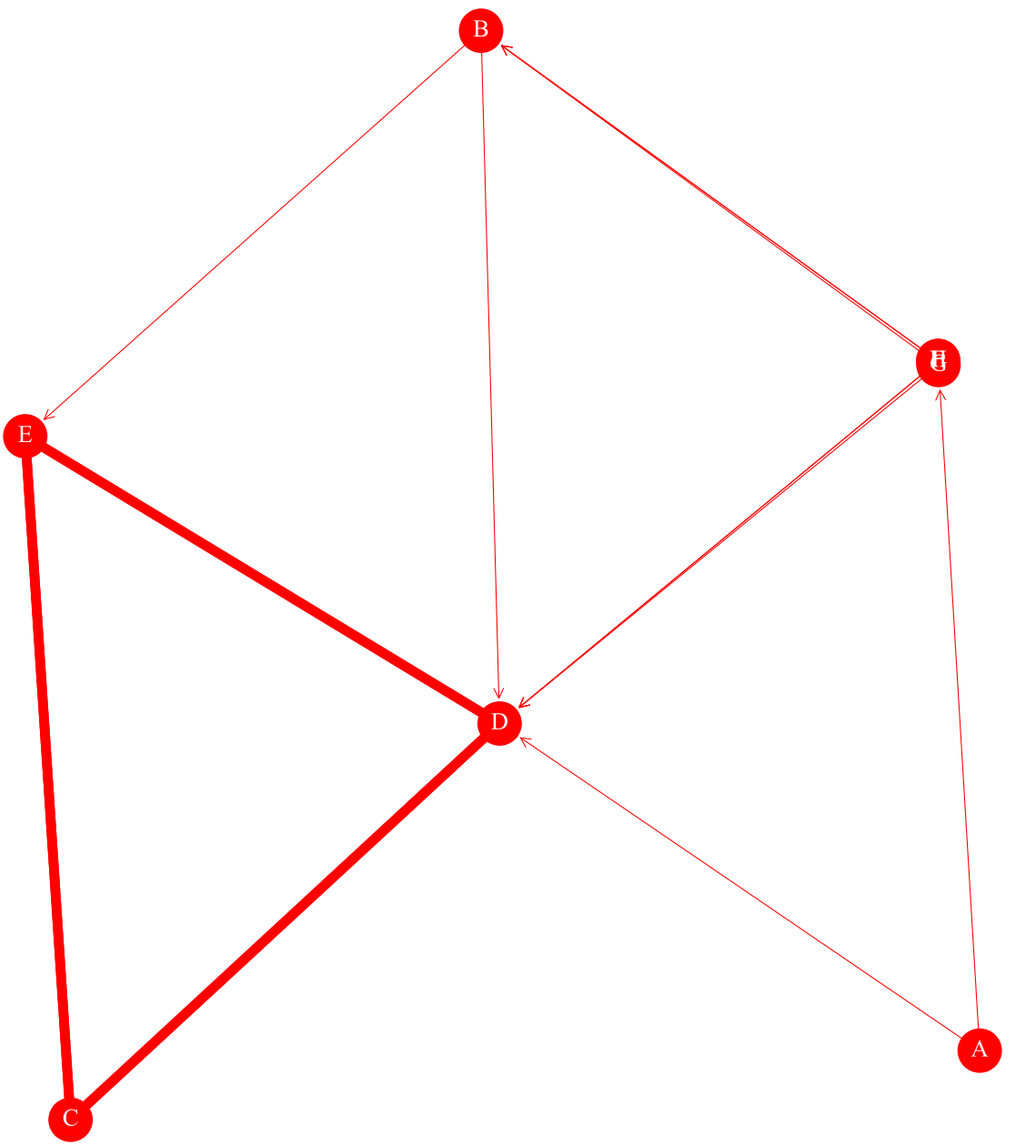
DEMO | GROUP 3 **SNA NETWORK GRAPH**

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

NN 8, **NE** 16, **NR** 3, **ND** 29%, **NC** 71%, **NT** 75%, **NR** 38%



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

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DEMO | GROUP 3 **SNA RAW SCORES**

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

ID	CHOICES	IC	PR	BT	CL	HU	ND
A	D, G	0.00	0.02	0.00	0.00	0.11	←
B	D, E	0.43	0.05	0.04	0.46	0.14	
C	D, E	0.29	0.27	0.00	0.58	0.14	
D	C, E	1.00	0.31	0.17	1.00	0.05	
E	C, D	0.43	0.29	0.01	0.64	0.12	
F	B, D	0.00	0.02	0.00	0.00	0.15	←
G	B, D	0.14	0.03	0.02	0.14	0.15	
H	B, D	0.00	0.02	0.00	0.00	0.15	←

IC In-Degree **PR** PageRank **BT** Betweenness **CL** Closenness **HU** Hub **ND** No In-Degree (←) No Out-Degree (→) No In or Out-Degree (⇄)

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DEMO | GROUP 3 **SNA RANK SCORES**

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

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

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

This report is designed as a support tool to facilitate decision-making and does not replace the professional judgment of industry experts. Interpretations drawn from the report should be integrated with other information related to the specific evaluation context.

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

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

IC In-Degree **PR** PageRank **BT** Betweenness **CL** Closenness **HU** Hub

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

Non reciprocal edges

X → Y in network B · not Y → X in network B

A · D | A · G | B · D | B · E | F · B | F · D | G · B | G · D | H · B | H · D

Reciprocal edges

X → Y in network B · Y → X in network B

C · D | C · E | D · E

Half symmetrical edges

X → Y in network B · X → Y in network A

No edge of this type

Reversed half symmetrical edges

X → Y in network B · Y → X in network A

A · G | F · D | H · B | H · D

Full symmetrical edges

X → Y, Y → X in network B · X → Y, Y → X in network A

No edge of this type

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

Cliques

Each node can reach every other node: a) without intermediaries; b) ignoring the direction of connections

3 C · D · E | A · D · G | B · D · G | B · D · E | B · D · H | B · D · F

Strongly Connected Groups

Each node can reach every other node: a) with or without intermediaries; b) following the direction of connections

3 C · D · E

Weakly Connected Groups

Each node can reach every other node: a) with or without intermediaries; b) ignoring the direction of connections

8 A · B · C · D · E · F · G · H

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DEMO | GROUP 3 **SOCIOGRAM**

ID	RP	RR	GP	GR	MP	MR	BL	OR	IM	AI	II	ST
A	2	0	2	2	1	0	2	0	2	2	3	marginal
B	0	3	2	2	0	0	-3	0	3	-3	0	ambivalent
C	2	2	2	2	1	2	0	0	4	0	3	ambivalent
D	0	7	2	2	0	2	-7	0	7	-7	0	rejected
E	0	3	2	2	0	2	-3	0	3	-3	0	ambivalent
F	4	0	2	2	1	0	4	0	4	4	5	appreciated
G	2	1	2	2	1	0	1	0	3	1	3	ambivalent
H	6	0	2	2	2	0	6	0	6	6	8	popular

RP Received preferences **RR** Received rejections **GP** Given preferences **GR** Given rejections **MP** Mutual preferences **MR** Mutual rejections **BL** Balance **OR** Orientation **IM** Impact **AI** Affiliation index **II** Influence index **ST** Sociometric status Very low Low High Very high

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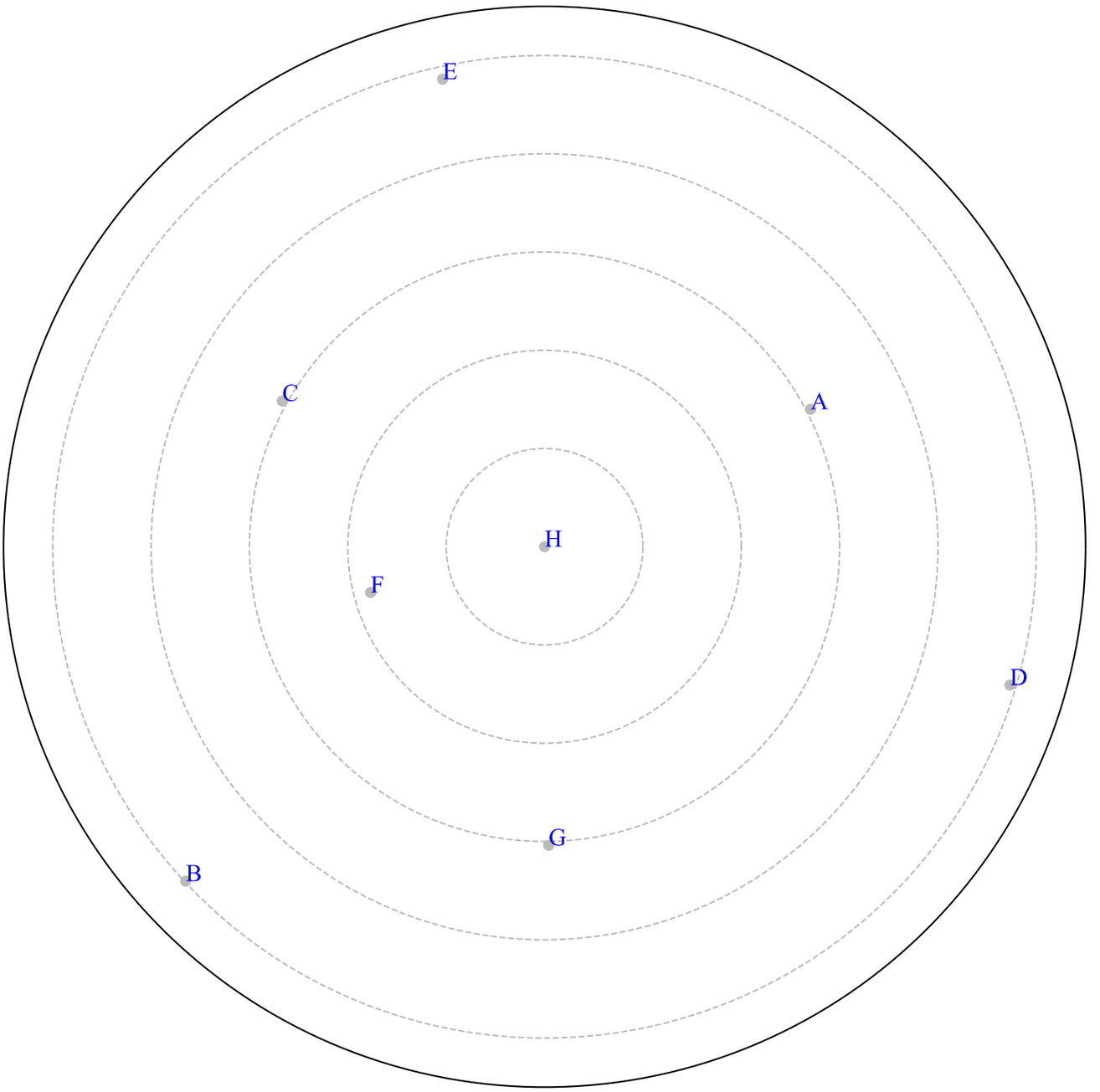
DEMO | GROUP 3 **SOCIOGRAM**

Influence index



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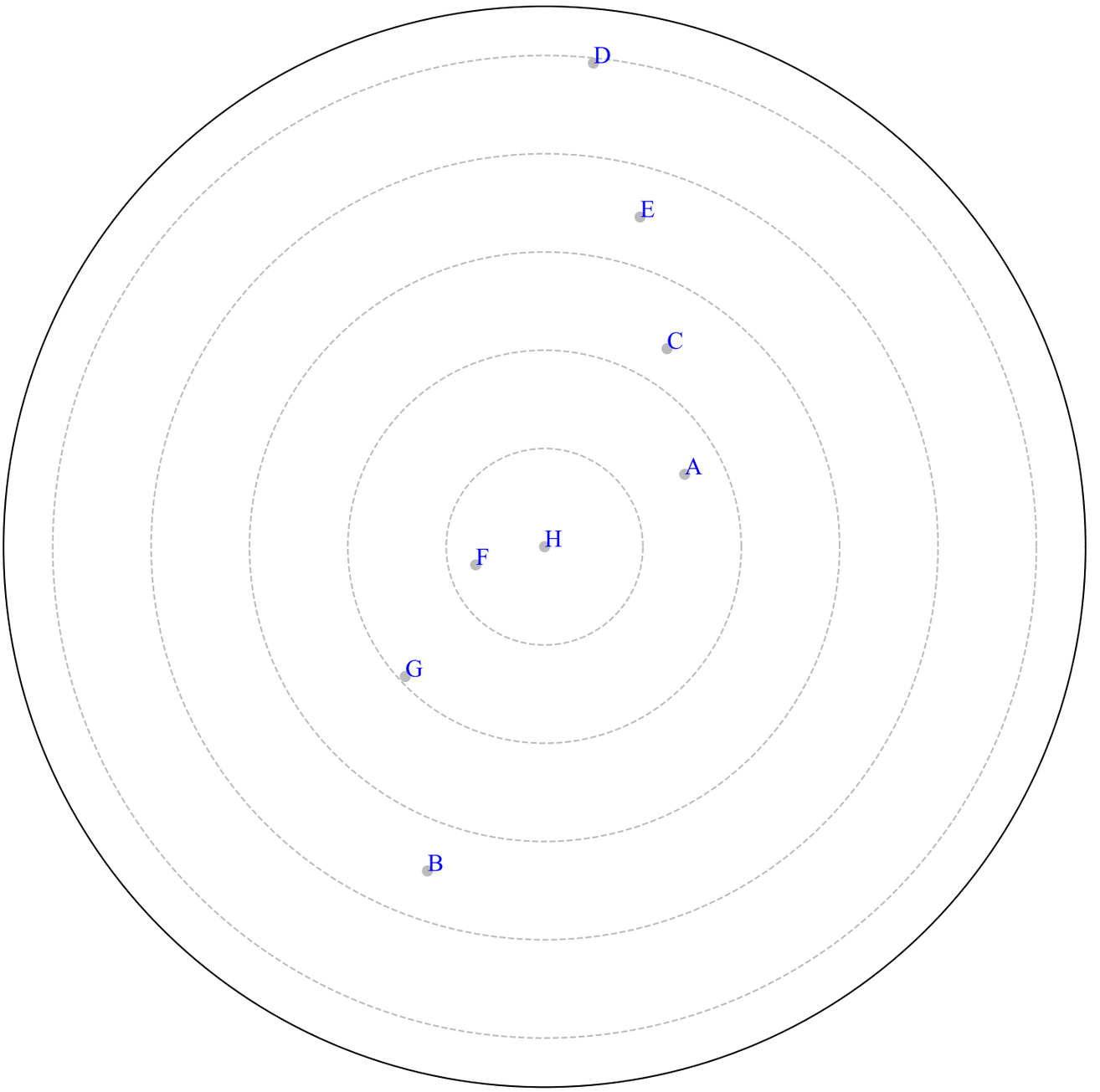
DEMO | GROUP 3 **SOCIOGRAM**

Affiliation index



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DEMO | GROUP 3 **SOCIOGRAM NODES ORDERED BY RANKS**

RANK	RP	RANK	RR	RANK	GP	RANK	GR	RANK	BL	RANK	IM	RANK	AI	RANK	II
1	H	1	D	1	A	1	A	1	H	1	D	1	H	1	H
2	F	2	B	1	B	1	B	2	F	2	H	2	F	2	F
3	A	2	E	1	C	1	C	3	A	3	C	3	A	3	A
3	C	3	C	1	D	1	D	4	G	3	F	4	G	3	C
3	G	4	G	1	E	1	E	5	C	4	B	5	C	3	G
4	B	5	A	1	F	1	F	6	B	4	E	6	B	4	B
4	D	5	F	1	G	1	G	6	E	4	G	6	E	4	D
4	E	5	H	1	H	1	H	7	D	5	A	7	D	4	E

RP Received preferences **RR** Received rejections **GP** Given preferences **GR** Given rejections **BL** Balance **IM** Impact **AI** Affiliation index **II** Influence index

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DEMO | GROUP 3 **SOCIOGRAM STATISTICS**

Type I cohesion index : 37.50% *Type II cohesion index : 0.38*
Type I conflitct index : 37.50% *Type II conflitct index : 0.38*

ID	Count	Sum	Median	IQR	Mean	SD	Min	P25	P50	P75	Max
Received preferences	8.0	16.0	2	2	2.00	2.14	0	0	2	2	6
Received rejections	8.0	16.0	1	3	2.00	2.39	0	0	1	3	7
Given Preferences	8.0	16.0	2	0	2.00	0.00	2	2	2	2	2
Given rejections	8.0	16.0	2	0	2.00	0.00	2	2	2	2	2
Mutual preferences	8.0	6.0	1	1	0.75	0.71	0	0	1	1	2
Mutual rejections	8.0	6.0	0	2	0.75	1.04	0	0	0	2	2
Balance	8.0	0.0	0	5	0.00	4.21	-7	-3	0	2	6
Orientation	8.0	0.0	0	0	0.00	0.00	0	0	0	0	0
Impact	8.0	32.0	3	1	4.00	1.69	2	3	3	4	7
Affiliation index	8.0	0.0	0	5	0.00	4.21	-7	-3	0	2	6
Influence index	8.0	22.0	3	3	2.75	2.82	0	0	3	3	8

IQR Interquartile range **SD** Standard Deviation **Min** Minimum value **P25** 25° percentile **P50** 50° percentile **P75** 75° percentile **Max** Maximum value