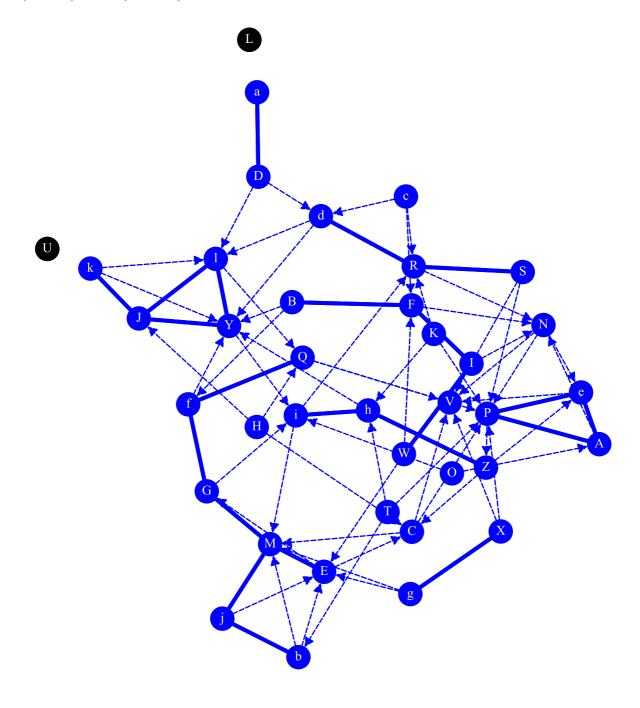


DEMO 2 | GROUP 1 SNA NETWORK GRAPH

A. Whom would you choose to spend a free outing with?

NN 38, NE 102, ND 7%, NC 17%, NT 28%, NR 43%





DEMO 2 | GROUP 1 SNA RAW SCORES

A. Whom would you choose to spend a free outing with?

ID	CHOICES	IC	PR	ВТ	CL	HU	ND
A	N, P, e	0.08	0.04	0.01	0.30	0.05	
В	F, Y, f	0.03	0.01	0.02	0.06	0.02	
C	M, P, V	0.08	0.03	0.05	0.28	0.08	
D	a, d, l	0.03	0.01	0.02	0.03	0.01	
E	C, G, M	0.14	0.04	0.05	0.28	0.02	
F	B, I, N	0.11	0.02	0.02	0.11	0.01	
G	M, f, i	0.08	0.04	0.08	0.29	0.02	
Н	C, J, Q	0.00	0.01	0.00	0.00	0.01	\leftarrow
I	F, N, W	0.05	0.01	0.01	0.07	0.01	
J	Y, k, 1	0.11	0.04	0.03	0.28	0.01	
K	P, R, h	0.00	0.01	0.00	0.00	0.06	←
L	-	0.00	0.01	0.00	0.00	0.00	\rightleftharpoons
M	E, G, j	0.19	0.06	0.11	0.35	0.01	
N	P, V, e	0.11	0.03	0.03	0.32	0.08	
O	A, i	0.00	0.01	0.00	0.00	0.01	←
P	A, Z, e	0.24	0.07	0.12	0.42	0.02	
Q	P, V, f	0.08	0.03	0.05	0.27	0.07	
R	N, S, d	0.14	0.03	0.08	0.29	0.01	
S	P, R, V	0.03	0.01	0.01	0.22	0.08	
T	P, b, h	0.00	0.01	0.00	0.00	0.05	←
U	-	0.00	0.01	0.00	0.00	0.00	\rightleftharpoons
V	-	0.16	0.05	0.00	0.40	0.00	\rightarrow
W	E, F, I	0.03	0.01	0.01	0.05	0.01	
X	P, V, g	0.03	0.01	0.00	0.03	0.07	
Y	J, i, l	0.19	0.06	0.13	0.37	0.01	
Z	C, e, h	0.05	0.03	0.08	0.31	0.03	
a	D	0.03	0.01	0.00	0.03	0.00	
b	E, M, j	0.05	0.01	0.00	0.21	0.02	
c	F, R, d	0.00	0.01	0.00	0.00	0.02	←
d	R, Y, 1	0.08	0.02	0.03	0.23	0.02	
e	A, P, V	0.11	0.06	0.01	0.34	0.07	
f	G, Q, Y	0.08	0.03	0.05	0.28	0.01	
g	E, M, X	0.03	0.01	0.01	0.03	0.02	
h	Y, Z, i	0.11	0.03	0.07	0.31	0.01	
i	M, R, h	0.11	0.05	0.14	0.35	0.04	
j	E, M, b	0.05	0.03	0.02	0.26	0.02	
k	J, Y, 1	0.03	0.02	0.00	0.22	0.01	
1	J, Q, Y	0.14	0.05	0.05	0.29	0.01	

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



DEMO 2 | GROUP 1 SNA RANK SCORES

A. Whom would you choose to spend a free outing with?

ID	CHOICES	IC	PR	ВТ	CL	HU	ND
A	N, P, e	6	10	21	10	9	
В	F, Y, f	8	27	19	24	20	
C	M, P, V	6	18	12	13	1	
D	a, d, 1	8	25	20	26	33	
E	C, G, M	4	11	11	13	17	
F	B, I, N	5	22	17	22	34	
G	M, f, i	6	9	6	12	12	
Н	C, J, Q	9	31	29	27	31	←
I	F, N, W	7	26	25	23	30	
J	Y, k, l	5	8	15	14	23	
K	P, R, h	9	31	29	27	7	←
L	-	9	31	29	27	36	⇄
M	E, G, j	2	2	4	4	25	
N	P, V, e	5	12	16	7	3	
О	A, i	9	31	29	27	24	←
P	A, Z, e	1	1	3	1	19	
Q	P, V, f	6	16	13	16	4	
R	N, S, d	4	14	7	11	32	
S	P, R, V	8	24	26	19	2	
T	P, b, h	9	31	29	27	8	←
U	-	9	31	29	27	36	⇄
V	-	3	5	29	2	36	\rightarrow
W	E, F, I	8	29	22	25	27	
X	P, V, g	8	30	27	26	6	
Y	J, i, 1	2	3	2	3	29	
Z	C, e, h	7	13	5	8	11	
a	D	8	28	29	26	35	
b	E, M, j	7	23	28	21	15	
c	F, R, d	9	31	29	27	18	←
d	R, Y, 1	6	20	14	18	14	
e	A, P, V	5	4	23	6	5	
f	G, Q, Y	6	17	10	15	26	
g	E, M, X	8	30	24	26	16	
h	Y, Z, i	5	15	8	9	22	
i	M, R, h	5	7	1	5	10	
j	E, M, b	7	19	18	17	13	
k	J, Y, 1	8	21	29	20	21	
1	J, Q, Y	4	6	9	12	28	

IC In-Degree PR PageRank BT Betweenness CL Closenness HU Hub ND No In-Degree (\leftarrow) No Out-Degree (\rightarrow) No In or Out-Degree (\rightleftarrows) Very low Low High Very high



DEMO 2 | GROUP 1

SNA NODES ORDERED BY RANKS

A. Whom would you choose to spend a free outing with?

RANK	IC	RANK	PR	RANK	ВТ	RANK	CL	RANK	HU
1	P	1	P	1	i	1	P	1	С
2	M	2	M	2	Y	2	V	2	S
2	Y	3	Y	3	P	3	Y	3	N
3	V	4	e	4	M	4	M	4	Q
4	E	5	V	5	Z	5	i	5	e
4	R	6	1	6	G	6	e	6	X
4	1	7	i	7	R	7	N	7	K
5	F	8	J	8	h	8	Z	8	T
5	J	9	G	9	1	9	h	9	A
5	N	10	A	10	f	10	A	10	i
5	e	11	Е	11	E	11	R	11	Z
5	h	12	N	12	C	12	G	12	G
5	i	13	Z	13	Q	12	1	13	j
6	A	14	R	14	d	13	C	14	d
6	С	15	h	15	J	13	E	15	b
6	G	16	Q	16	N	14	J	16	g
6	Q	17	f	17	F	15	f	17	Е
6	d	18	C	18	j	16	Q	18	c
6	f	19	j	19	В	17	j	19	P
7	I	20	d	20	D	18	d	20	В
7	Z	21	k	21	A	19	S	21	k
7	b	22	F	22	W	20	k	22	h
7	j	23	b	23	e	21	b	23	J
8	В	24	S	24	g	22	F	24	O
8	D	25	D	25	I	23	I	25	M
8	S	26	I	26	S	24	В	26	f
8	W	27	В	27	X	25	W	27	W
8	X	28	a	28	b	26	D	28	1
8	a	29	W	29	Н	26	X	29	Y
8	g	30	X	29	K	26	a	30	I
8	k	30	g	29	L	26	g	31	Н
9	Н	31	Н	29	O	27	Н	32	R
9	K	31	K	29	T	27	K	33	D
9	L	31	L	29	U	27	L	34	F
9	O	31	O	29	V	27	O	35	a
9	T	31	T	29	a	27	T	36	L
9	U	31	U	29	c	27	U	36	U
9	c	31	c	29	k	27	c	36	V

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



DEMO 2 | GROUP 1

SNA EDGES GROUPED BY TYPE

A. Whom would you choose to spend a free outing with?

Non reciprocal edges

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

 $\left(T \cdot P\right) \left(T \cdot b\right) \left(T \cdot h\right) \left(W \cdot E\right) \left(W \cdot F\right) \left(X \cdot P\right) \left(X \cdot V\right) \left(Y \cdot i\right) \left(Z \cdot C\right) \left(Z \cdot e\right) \left(b \cdot E\right) \left(b \cdot M\right) \left(c \cdot F\right) \left(c \cdot R\right) \left(c \cdot d\right) \left(d \cdot Y\right) \left(C \cdot R\right) \left(C$

 $\left[d\cdot l\right]\left(e\cdot V\right)\left(f\cdot Y\right)\left(g\cdot E\right)\left(g\cdot M\right)\left(h\cdot Y\right)\left(i\cdot M\right)\left(i\cdot R\right)\left(j\cdot E\right)\left(k\cdot Y\right)\left(k\cdot l\right)\left(l\cdot Q\right)$

Reciprocal edges

 $X \to Y$ in network $A \cdot Y \to X$ in network A

 $(R \cdot d) (X \cdot g) (Y \cdot l) (Z \cdot h) (b \cdot j) (h \cdot i)$

Half symmetrical edges

 $X \to Y$ in network $A \cdot X \to Y$ in network B

 $Q \cdot V$ $Q \cdot f$

Reversed half symmetrical edges

 $X \to Y$ in network $A \cdot Y \to X$ in network B

 $f \cdot Q$

Full symmetrical edges

 $X \to Y, Y \to X$ in network $A \cdot X \to Y, Y \to X$ in network B

No edge of this type



DEMO 2 | GROUP 1 SNA SUBGRAPHS

A. Whom would you choose to spend a free outing with?

Cliques

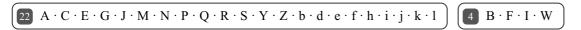
Cliques

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



Strongly Connected Groups

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



Weakly Connected Groups

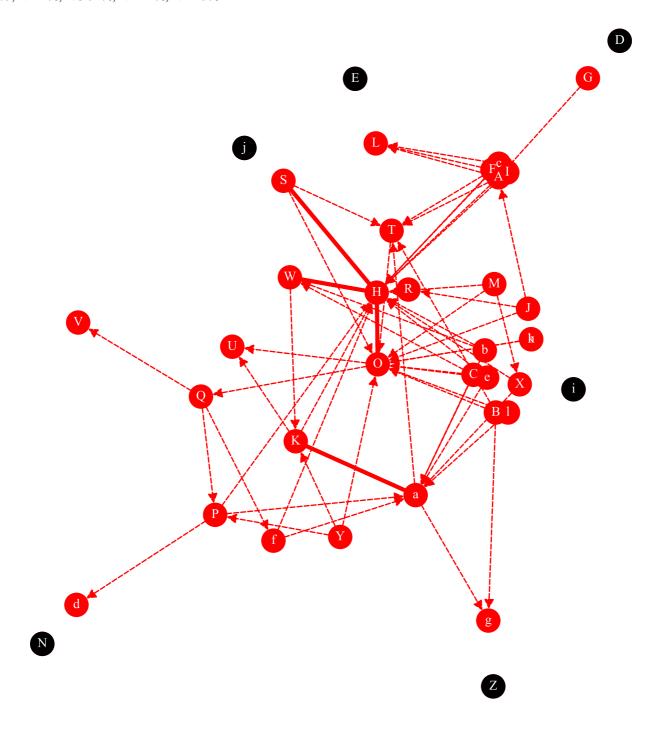
Each node can reach every other node: a) with or without intermediaries; b) ignoring the direction of connections



DEMO 2 | GROUP 1 SNA NETWORK GRAPH

B. Whom would you not choose to spend a free outing with?

NN 38, NE 63, ND 4%, NC 31%, NT 12%, NR 13%





DEMO 2 | GROUP 1 SNA RAW SCORES

B. Whom would you not choose to spend a free outing with?

ID	CHOICES	IC	PR	ВТ	CL	HU	ND
A	H, L, T	0.05	0.02	0.01	0.05	0.05	
В	O, T, g	0.00	0.01	0.00	0.00	0.03	←
C	O, W, a	0.00	0.01	0.00	0.00	0.05	←
D	=	0.00	0.01	0.00	0.00	0.00	\rightleftharpoons
E	-	0.00	0.01	0.00	0.00	0.00	\rightleftharpoons
F	H, L, T	0.00	0.01	0.00	0.00	0.05	←
G	A	0.00	0.01	0.00	0.00	0.00	←
Н	O, S, W	0.38	0.15	0.10	0.47	0.03	
I	Н	0.00	0.01	0.00	0.00	0.03	←
J	A, O, R	0.00	0.01	0.00	0.00	0.02	←
K	H, U, a	0.08	0.05	0.02	0.25	0.06	
L	-	0.08	0.02	0.00	0.10	0.00	\rightarrow
M	Н, О, Х	0.00	0.01	0.00	0.00	0.06	←
N	-	0.00	0.01	0.00	0.00	0.00	\rightleftharpoons
O	H, Q, U	0.32	0.14	0.13	0.42	0.04	
P	H, a, d	0.05	0.02	0.03	0.21	0.06	
Q	P, V, f	0.03	0.05	0.08	0.27	0.00	
R	-	0.03	0.01	0.00	0.03	0.00	\rightarrow
S	Н, О, Т	0.03	0.05	0.01	0.28	0.06	
T	0	0.14	0.05	0.01	0.30	0.02	
U	-	0.05	0.06	0.00	0.29	0.00	\rightarrow
V	-	0.03	0.02	0.00	0.21	0.00	\rightarrow
W	Н, К	0.08	0.06	0.02	0.30	0.04	
X	H, a	0.03	0.01	0.00	0.03	0.05	
Y	K, O, P	0.00	0.01	0.00	0.00	0.03	←
Z	-	0.00	0.01	0.00	0.00	0.00	\rightleftharpoons
a	K, T, g	0.22	0.05	0.03	0.25	0.02	
b	H, W, a	0.00	0.01	0.00	0.00	0.06	←
c	H, L	0.00	0.01	0.00	0.00	0.04	←
d	-	0.03	0.02	0.00	0.17	0.00	\rightarrow
e	Н, О, а	0.00	0.01	0.00	0.00	0.07	←
f	H, a	0.03	0.02	0.01	0.20	0.05	
g	-	0.05	0.03	0.00	0.21	0.00	\rightarrow
h	0	0.00	0.01	0.00	0.00	0.02	←
i	-	0.00	0.01	0.00	0.00	0.00	\rightleftarrows
j	-	0.00	0.01	0.00	0.00	0.00	\rightleftharpoons
k	0	0.00	0.01	0.00	0.00	0.02	←
1	O, a	0.00	0.01	0.00	0.00	0.04	←

IC In-Degree PR PageRank BT Betweenness CL Closenness HU Hub ND No In-Degree (\leftarrow) No Out-Degree (\rightarrow) No In or Out-Degree (\rightleftarrows)



DEMO 2 | GROUP 1 SNA RANK SCORES

B. Whom would you not choose to spend a free outing with?

ID	CHOICES	IC	PR	ВТ	CL	HU	ND
A	H, L, T	6	14	8	15	8	
В	O, T, g	8	17	13	17	15	←
C	O, W, a	8	17	13	17	9	←
D	-	8	17	13	17	23	\rightleftharpoons
E	-	8	17	13	17	23	\rightleftharpoons
F	H, L, T	8	17	13	17	8	←
G	A	8	17	13	17	22	←
Н	O, S, W	1	1	2	1	16	
I	Н	8	17	13	17	14	←
J	A, O, R	8	17	13	17	18	←
K	H, U, a	5	7	7	8	4	
L	-	5	13	13	14	23	\rightarrow
M	H, O, X	8	17	13	17	5	←
N	-	8	17	13	17	23	\rightleftarrows
O	H, Q, U	2	2	1	2	12	
P	H, a, d	6	11	5	10	6	
Q	P, V, f	7	9	3	7	21	
R	-	7	16	13	16	23	\rightarrow
S	H, O, T	7	6	11	6	2	
T	O	4	8	9	3	19	
U	-	6	3	13	5	23	\rightarrow
V	-	7	12	13	9	23	\rightarrow
W	Н, К	5	4	6	4	13	
X	H, a	7	16	12	16	7	
Y	K, O, P	8	17	13	17	17	←
Z	-	8	17	13	17	23	\rightleftarrows
a	K, T, g	3	5	4	8	20	
b	H, W, a	8	17	13	17	3	←
c	H, L	8	17	13	17	11	←
d	-	7	15	13	13	23	\rightarrow
e	H, O, a	8	17	13	17	1	←
f	H, a	7	12	10	12	7	
g	-	6	10	13	11	23	\rightarrow
h	O	8	17	13	17	19	\leftarrow
i	-	8	17	13	17	23	\rightleftharpoons
j	-	8	17	13	17	23	\rightleftarrows
k	O	8	17	13	17	19	←
1	O, a	8	17	13	17	10	←

IC In-Degree PR PageRank BT Betweenness CL Closenness HU Hub ND No In-Degree (\leftarrow) No Out-Degree (\rightarrow) No In or Out-Degree (\rightleftarrows) Very low Low High Very high



DEMO 2 | GROUP 1

SNA NODES ORDERED BY RANKS

B. Whom would you not choose to spend a free outing with?

RANK	IC	RANK	PR	RANK	ВТ	RANK	CL	RANK	HU
1	Н	1	Н	1	О	1	Н	1	e
2	O	2	O	2	Н	2	O	2	S
3	a	3	U	3	Q	3	T	3	b
4	T	4	W	4	a	4	W	4	K
5	K	5	a	5	P	5	U	5	M
5	L	6	S	6	W	6	S	6	P
5	W	7	K	7	K	7	Q	7	X
6	A	8	T	8	A	8	K	7	f
6	P	9	Q	9	T	8	a	8	A
6	U	10	g	10	f	9	V	8	F
6	g	11	P	11	S	10	P	9	C
7	Q	12	V	12	X	11	g	10	1
7	R	12	f	13	В	12	f	11	c
7	S	13	L	13	C	13	d	12	O
7	V	14	A	13	D	14	L	13	W
7	X	15	d	13	E	15	A	14	I
7	d	16	R	13	F	16	R	15	В
7	f	16	X	13	G	16	X	16	Н
8	В	17	В	13	I	17	В	17	Y
8	С	17	С	13	J	17	C	18	J
8	D	17	D	13	L	17	D	19	T
8	Е	17	Е	13	M	17	E	19	h
8	F	17	F	13	N	17	F	19	k
8	G	17	G	13	R	17	G	20	a
8	I	17	I	13	U	17	I	21	Q
8	J	17	J	13	V	17	J	22	G
8	M	17	M	13	Y	17	M	23	D
8	N	17	N	13	Z	17	N	23	E
8	Y	17	Y	13	b	17	Y	23	L
8	Z	17	Z	13	c	17	Z	23	N
8	b	17	b	13	d	17	b	23	R
8	c	17	c	13	e	17	c	23	U
8	e	17	e	13	g	17	e	23	V
8	h	17	h	13	h	17	h	23	Z
8	i	17	i	13	i	17	i	23	d
8	j	17	j	13	j	17	j	23	g
8	k	17	k	13	k	17	k	23	i
8	1	17	1	13	1	17	1	23	j

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



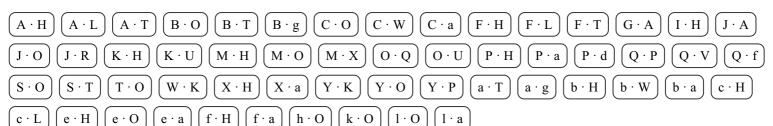
DEMO 2 | GROUP 1

SNA EDGES GROUPED BY TYPE

B. Whom would you not choose to spend a free outing with?

Non reciprocal edges

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



Reciprocal edges

 $X \to Y$ in network $B \, \cdot \, Y \to X$ in network B



Half symmetrical edges

 $X \to Y$ in network $B \cdot X \to Y$ in network A



Reversed half symmetrical edges

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



Full symmetrical edges

 $X \to Y, \, Y \to X$ in network $B \, \cdot \, X \to Y, \, Y \to X$ in network A

No edge of this type



DEMO 2 | GROUP 1 SNA SUBGRAPHS

B. Whom would you not choose to spend a free outing with?

Cliques

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

Strongly Connected Groups

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

 $\boxed{ 10 \ \text{H} \cdot \text{K} \cdot \text{O} \cdot \text{P} \cdot \text{Q} \cdot \text{S} \cdot \text{T} \cdot \text{W} \cdot \text{a} \cdot \text{f} }$

Weakly Connected Groups

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

32 A · B · C · F · G · H · I · J · K · L · M · O · P · Q · R · S · T · U · V · W · X · Y · a · b · c · d · e · f · g · h · k · l



DEMO 2 | GROUP 1 SOCIOGRAM

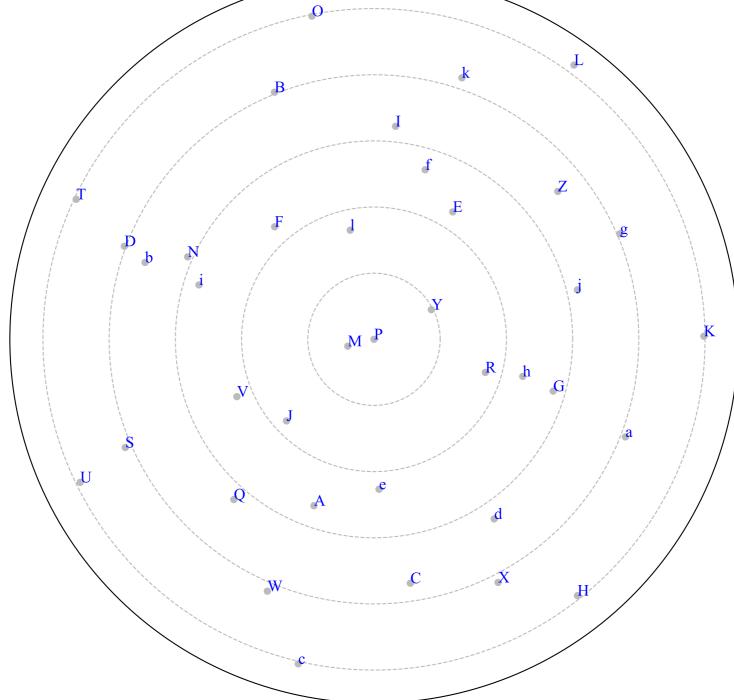
ID	RP	RR	GP	GR	MP	MR	BL	OR	IM	AI	II	ST
A	3	2	3	3	2	0	1	0	5	1	5	ambivalent
В	1	0	3	3	1	0	1	0	1	1	2	marginal
C	3	0	3	3	0	0	3	0	3	3	3	-
D	1	0	3	0	1	0	1	3	1	4	2	marginal
E	5	0	3	0	1	0	5	3	5	8	6	appreciated
F	4	0	3	3	2	0	4	0	4	4	6	-
G	3	0	3	1	2	0	3	2	3	5	5	-
Н	0	14	3	3	0	3	-14	0	14	-14	0	rejected
I	2	0	3	1	2	0	2	2	2	4	4	-
J	4	0	3	3	3	0	4	0	4	4	7	-
K	0	3	3	3	0	1	-3	0	3	-3	0	-
L	0	3	0	0	0	0	-3	0	3	-3	0	-
M	7	0	3	3	3	0	7	0	7	7	10	popular
N	4	0	3	0	0	0	4	3	4	7	4	-
O	0	12	2	3	0	1	-12	-1	12	-13	0	rejected
P	9	2	3	3	2	0	7	0	11	7	11	popular
Q	3	1	3	3	1	0	2	0	4	2	4	ambivalent
R	5	1	3	0	2	0	4	3	6	7	7	-
S	1	1	3	3	1	1	0	0	2	0	2	-
T	0	5	3	1	0	0	-5	2	5	-3	0	disliked
U	0	2	0	0	0	0	-2	0	2	-2	0	-
V	6	1	0	0	0	0	5	0	7	5	6	popular
W	1	3	3	2	1	1	-2	1	4	-1	2	ambivalent
X	1	1	3	2	1	0	0	1	2	1	2	-
Y	7	0	3	3	2	0	7	0	7	7	9	popular
Z	2	0	3	0	1	0	2	3	2	5	3	-
a	1	8	1	3	1	1	-7	-2	9	-9	2	rejected
b	2	0	3	3	1	0	2	0	2	2	3	-
c	0	0	3	2	0	0	0	1	0	1	0	marginal
d	3	1	3	0	1	0	2	3	4	5	4	ambivalent
e	4	0	3	3	2	0	4	0	4	4	6	-
f	3	1	3	2	2	0	2	1	4	3	5	ambivalent
g	1	2	3	0	1	0	-1	3	3	2	2	ambivalent
h	4	0	3	1	2	0	4	2	4	6	6	-
i	4	0	3	0	1	0	4	3	4	7	5	-
j	2	0	3	0	2	0	2	3	2	5	4	-
k	1	0	3	1	1	0	1	2	1	3	2	marginal
1	5	0	3	2	2	0	5	1	5	6	7	appreciated

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



DEMO 2 | GROUP 1 SOCIOGRAM

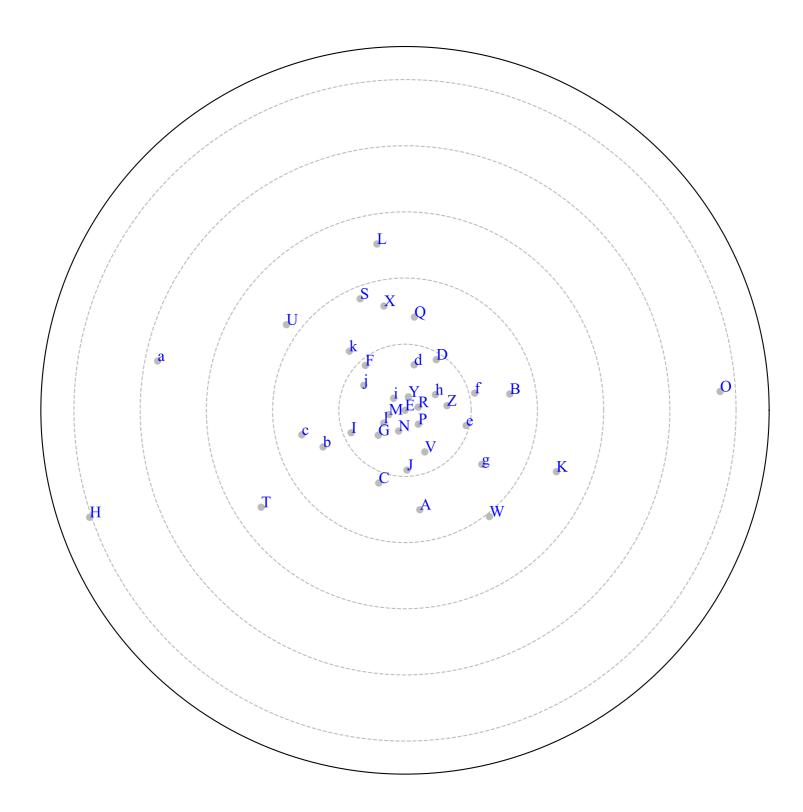
Influence index





DEMO 2 | GROUP 1 SOCIOGRAM

Affiliation index



Authors: Dr. Pierpaolo CALANNA, PhD, Dr. Gaetano BUONAIUTO (2021-2025), **License of use**: the layout of this report, the customization of charts, as well as the selection of quantitative indices, are subject to copyright.



DEMO 2 | GROUP 1

SOCIOGRAM NODES ORDERED BY RANKS

RANK	RP	RANK	RR	RANK	GP	RANK	GR	RANK	BL	RANK	IM	RANK	AI	RANK	II
1		1	Н	1		1	A	1	M	1	—— Н	1		1	
2	M	2	О	1	В	1	В	1	P	2	O	2	M	2	M
2	Y	3	a	1	С	1	С	1	Y	3	P	2	N	3	Y
3	V	4	T	1	D	1	F	2	E	4	a	2	P	4	J
4	E	5	K	1	E	1	Н	2	V	5	M	2	R	4	R
4	R	5	L	1	F	1	J	2	1	5	V	2	Y	4	1
4	1	5	W	1	G	1	K	3	F	5	Y	2	i	5	E
5	F	6	A	1	Н	1	M	3	J	6	R	3	h	5	F
5	J	6	P	1	I	1	O	3	N	7	A	3	1	5	V
5	N	6	U	1	J	1	P	3	R	7	E	4	G	5	e
5	e	6	g	1	K	1	Q	3	e	7	T	4	V	5	h
5	h	7	Q	1	M	1	S	3	h	7	1	4	Z	6	A
5	i	7	R	1	N	1	Y	3	i	8	F	4	d	6	G
6	A	7	S	1	P	1	a	4	C	8	J	4	j	6	f
6	C	7	V	1	Q	1	b	4	G	8	N	5	D	6	i
6	G	7	X	1	R	1	e	5	I	8	Q	5	F	7	I
6	Q	7	d	1	S	2	W	5	Q	8	W	5	I	7	N
6	d	7	f	1	T	2	X	5	Z	8	d	5	J	7	Q
6	f	8	В	1	W	2	c	5	b	8	e	5	e	7	d
7	I	8	C	1	X	2	f	5	d	8	f	6	С	7	j
7	Z	8	D	1	Y	2	1	5	f	8	h	6	f	8	С
7	b	8	Е	1	Z	3	G	5	j	8	i	6	k	8	Z
7	j	8	F	1	b	3	I	6	A	9	С	7	Q	8	b
8	В	8	G	1	c	3	T	6	В	9	G	7	b	9	В
8	D	8	I	1	d	3	h	6	D	9	K	7	g	9	D
8	S	8	J	1	e	3	k	6	k	9	L	8	A	9	S
8	W	8	M	1	f	4	D	7	S	9	g	8	В	9	W
8	X	8	N	1	g	4	Е	7	X	10	I	8	X	9	X
8	a	8	Y	1	h	4	L	7	c	10	S	8	c	9	a
8	g	8	Z	1	i	4	N	8	g	10	U	9	S	9	g
8	k	8	b	1	j	4	R	9	U	10	X	10	W	9	k
9	Н	8	c	1	k	4	U	9	W	10	Z	11	U	10	Н
9	K	8	e	1	1	4	V	10	K	10	b	12	K	10	K
9	L	8	h	2	O	4	Z	10	L	10	j	12	L	10	L
9	O	8	i	3	a	4	d	11	T	11	В	12	T	10	O
9	T	8	j	4	L	4	g	12	a	11	D	13	a	10	T
9	U	8	k	4	U	4	i	13	O	11	k	14	O	10	U
9	c	8	1	4	V	4	j	14	Н	12	c	15	Н	10	c

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



DEMO 2 | GROUP 1 SOCIOGRAM STATISTICS

Type I cohesion index: 43.14% Type II cohesion index: 0.58 Type I conflitct index: 12.70% Type II conflitct index: 0.11

ID	Count	Sum	Median	IQR	Mean	SD	Min	P25	P50	P75	Max
Received preferences	38.0	102.0	2	3	2.68	2.27	0	1	2	4	9
Received rejections	38.0	63.0	0	2	1.66	3.18	0	0	0	2	14
Given Preferences	38.0	102.0	3	0	2.68	0.87	0	3	3	3	3
Given rejections	38.0	63.0	2	3	1.66	1.32	0	0	2	3	3
Mutual preferences	38.0	44.0	1	1	1.16	0.89	0	0	1	2	3
Mutual rejections	38.0	8.0	0	0	0.21	0.58	0	0	0	0	3
Balance	38.0	39.0	2	4	1.03	4.61	-14	0	2	4	7
Orientation	38.0	39.0	0	2	1.03	1.38	-2	0	0	2	3
Impact	38.0	165.0	4	3	4.34	3.05	0	2	4	5	14
Affiliation index	38.0	78.0	3	4	2.05	5.19	-14	1	3	5	8
Influence index	38.0	146.0	4	4	3.84	2.88	0	2	4	6	11

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