

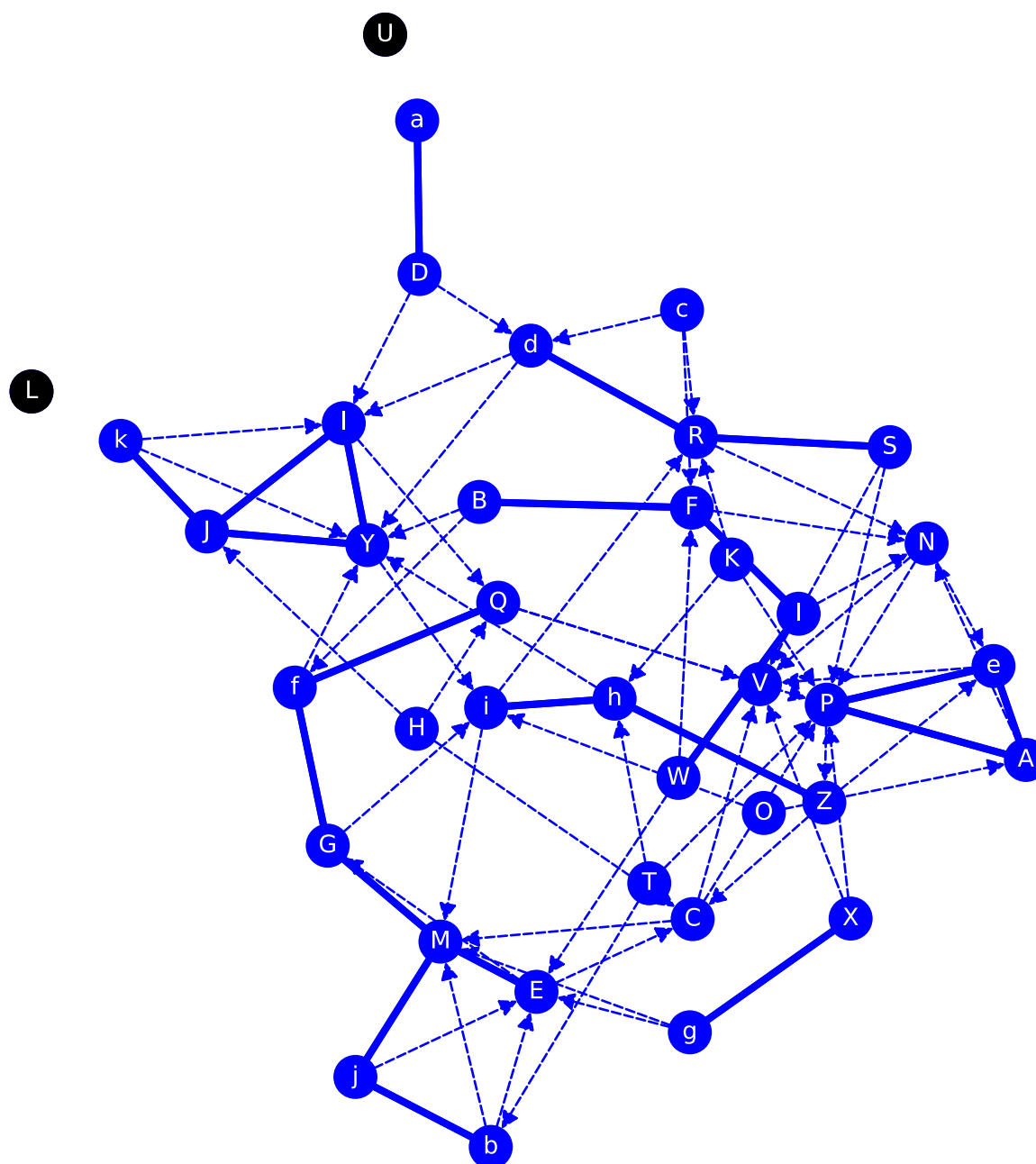
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GROUP 1 - DEMO 3

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%



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

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GROUP 1 - DEMO 3

RAW SCORES

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

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

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 1 - DEMO 3

RANK SCORES

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

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

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 1 - DEMO 3

NODES ORDERED BY RANK SCORES

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

RANK	IC	RANK	PR	RANK	BT	RANK	CL	RANK	HU
1	P	1	P	1	i	1	P	1	C
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	l	6	G	6	e	6	X
4	l	7	i	7	R	7	N	7	K
5	F	8	J	8	h	8	Z	8	T
5	J	9	G	9	l	9	h	9	A
5	N	10	A	10	f	10	A	10	i
5	e	11	E	11	E	11	R	11	Z
5	h	12	N	12	C	12	G	12	G
5	i	13	Z	13	Q	12	l	13	j
6	A	14	R	14	d	13	C	14	d
6	C	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	E
6	d	18	C	18	j	16	Q	18	c
6	f	19	j	19	B	17	j	19	P
7	l	20	d	20	D	18	d	20	B
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	B	24	S	24	g	22	F	24	O
8	D	25	D	25	l	23	l	25	M
8	S	26	l	26	S	24	B	26	f
8	W	27	B	27	X	25	W	27	W
8	X	28	a	28	b	26	D	28	l
8	a	29	W	29	H	26	X	29	Y
8	g	30	X	29	K	26	a	30	l
8	k	30	g	29	L	26	g	31	H
9	H	31	H	29	O	27	H	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 Closeness HU Hub

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GROUP 1 - DEMO 3

TYPES OF EDGES

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

Type I - Non reciprocal edges

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

AN BY Bf CM CP CV Dd DI EC EG FN Gi HC HJ HQ IN KP KR Kh
NP NV Ne OA Oi PZ QP QV RN SP SV TP Tb Th WE WF XP XV Yi
ZC Ze bE bM cF cR cd dY dI eV fY gE gM hY iM iR jE kY kI IQ

Type II - Reciprocal edges

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

AP Ae BF Da EM FI GM Gf IW JY Jk JI Mj Pe Qf RS Rd Xg YI Zh
bj hi

Type III - Half symmetrical edges

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

QV Qf

Type IV - Reversed half symmetrical edges

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

fQ

Type V - Full symmetrical edges

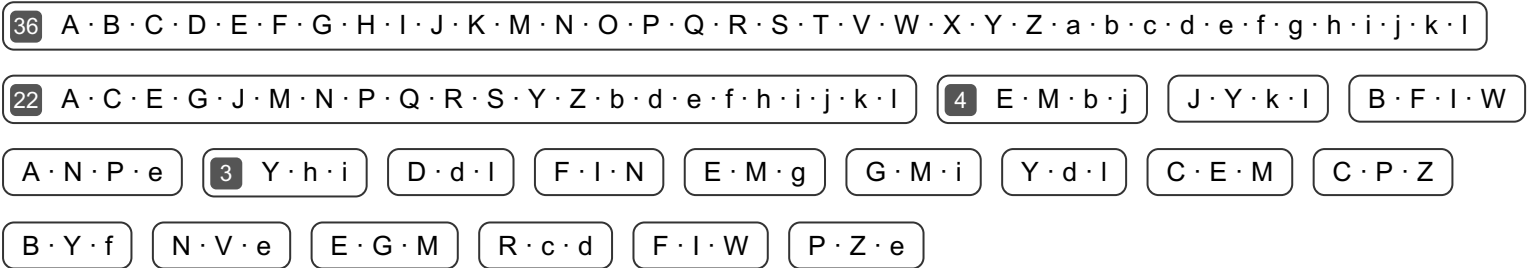
$X \rightarrow Y, Y \rightarrow X$ in network A · $X \rightarrow Y, Y \rightarrow X$ in network B

No edge of this type

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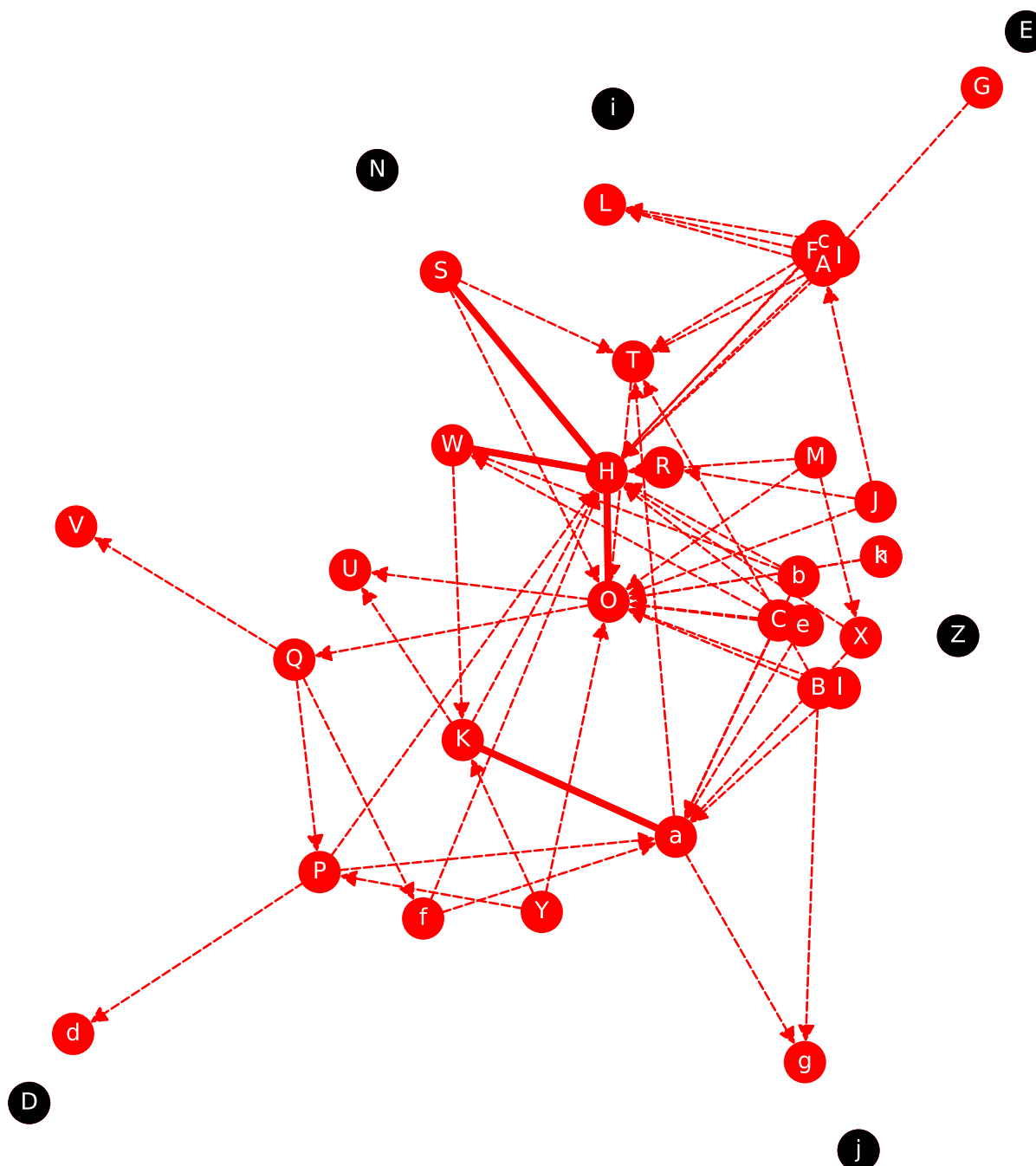
A. Whom would you choose to spend a free outing with?

Connected components



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

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



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

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GROUP 1 - DEMO 3

RAW SCORES

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

ID	CHOICES	IC	PR	BT	CL	HU	ND
A	H, L, T	0.05	0.02	0.01	0.05	0.05	
B	T, O, 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	↔
E	-	0.00	0.01	0.00	0.00	0.00	↔
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	←
H	O, W, S	0.38	0.15	0.10	0.47	0.03	
I	H	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, a, U	0.08	0.05	0.02	0.25	0.06	
L	-	0.08	0.02	0.00	0.10	0.00	→
M	H, O, X	0.00	0.01	0.00	0.00	0.06	←
N	-	0.00	0.01	0.00	0.00	0.00	↔
O	H, U, Q	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	→
S	H, T, O	0.03	0.05	0.01	0.28	0.06	
T	O	0.14	0.05	0.01	0.30	0.02	
U	-	0.05	0.06	0.00	0.29	0.00	→
V	-	0.03	0.02	0.00	0.21	0.00	→
W	H, K	0.08	0.06	0.02	0.30	0.04	
X	H, a	0.03	0.01	0.00	0.03	0.05	
Y	O, K, P	0.00	0.01	0.00	0.00	0.03	←
Z	-	0.00	0.01	0.00	0.00	0.00	↔
a	T, g, K	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	→
e	H, O, a	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	→
h	O	0.00	0.01	0.00	0.00	0.02	←
i	-	0.00	0.01	0.00	0.00	0.00	↔
j	-	0.00	0.01	0.00	0.00	0.00	↔
k	O	0.00	0.01	0.00	0.00	0.02	←
l	O, a	0.00	0.01	0.00	0.00	0.04	←

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 1 - DEMO 3

RANK SCORES

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

ID	CHOICES	IC	PR	BT	CL	HU	ND
A	H, L, T	6	14	8	15	8	
B	T, O, g	8	17	13	17	15	←
C	O, W, a	8	17	13	17	9	←
D	-	8	17	13	17	23	⇒
E	-	8	17	13	17	23	⇒
F	H, L, T	8	17	13	17	8	←
G	A	8	17	13	17	22	←
H	O, W, S	1	1	2	1	16	
I	H	8	17	13	17	14	←
J	A, O, R	8	17	13	17	18	←
K	H, a, U	5	7	7	8	4	
L	-	5	13	13	14	23	→
M	H, O, X	8	17	13	17	5	←
N	-	8	17	13	17	23	⇒
O	H, U, Q	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	→
S	H, T, O	7	6	11	6	2	
T	O	4	8	9	3	19	
U	-	6	3	13	5	23	→
V	-	7	12	13	9	23	→
W	H, K	5	4	6	4	13	
X	H, a	7	16	12	16	7	
Y	O, K, P	8	17	13	17	17	←
Z	-	8	17	13	17	23	⇒
a	T, g, K	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	→
e	H, O, a	8	17	13	17	1	←
f	H, a	7	12	10	12	7	
g	-	6	10	13	11	23	→
h	O	8	17	13	17	19	←
i	-	8	17	13	17	23	⇒
j	-	8	17	13	17	23	⇒
k	O	8	17	13	17	19	←
l	O, a	8	17	13	17	10	←

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 1 - DEMO 3

NODES ORDERED BY RANK SCORES

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

RANK	IC	RANK	PR	RANK	BT	RANK	CL	RANK	HU
1	H	1	H	1	O	1	H	1	e
2	O	2	O	2	H	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	I
7	R	12	f	13	B	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	B
7	f	16	X	13	G	16	X	16	H
8	B	17	B	13	I	17	B	17	Y
8	C	17	C	13	J	17	C	18	J
8	D	17	D	13	L	17	D	19	T
8	E	17	E	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	l	17	l	13	l	17	l	23	j

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

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GROUP 1 - DEMO 3

TYPES OF EDGES

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

Type I - Non reciprocal edges

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

AH AL AT BO BT Bg CO CW Ca FH FL FT GA IH JA JO JR KH KU
MH MO MX OQ OU PH Pa Pd QP QV Qf SO ST TO WK XH Xa YK
YO YP aT ag bH bW ba cH cL eH eO ea fH fa hO kO lO la

Type II - Reciprocal edges

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

HO HS HW Ka

Type III - Half symmetrical edges

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

QV Qf

Type IV - Reversed half symmetrical edges

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

Qf

Type V - 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. Whom would you not choose to spend a free outing with?

Connected components

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

10

H · K · O · P · Q · S · T · W · a · f

3

H · M · O

H · M · X

H · O · e

H · K · W

H · W · b

H · O · S

B · O · T

O · S · T

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GROUP 1 - DEMO 3

SOCIOGRAM

ID	RP	RJ	GP	GJ	MP	MR	BL	OR	IM	AI	II	ST
A	3	2	3	3	2	0	1	0	5	99	104	controversial
B	1	0	3	3	1	0	1	0	1	97	93	neglected
C	3	0	3	3	0	0	3	0	3	99	97	-
D	1	0	3	0	1	0	1	3	1	103	93	neglected
E	5	0	3	0	1	0	5	3	5	110	107	-
F	4	0	3	3	2	0	4	0	4	104	107	-
G	3	0	3	1	2	0	3	2	3	106	104	-
H	0	14	3	3	0	3	-14	0	14	69	86	rejected
I	2	0	3	1	2	0	2	2	2	104	100	underrated
J	4	0	3	3	3	0	4	0	4	106	110	-
K	0	3	3	3	0	1	-3	0	3	89	86	-
L	0	3	0	0	0	0	-3	0	3	89	86	-
M	7	0	3	3	3	0	7	0	7	111	121	appreciated
N	4	0	3	0	0	0	4	3	4	106	100	-
O	0	12	2	3	0	1	-12	-1	12	71	86	rejected
P	9	2	3	3	2	0	7	0	11	110	124	popular
Q	3	1	3	3	1	0	2	0	4	99	100	-
R	5	1	3	0	2	0	4	3	6	110	110	-
S	1	1	3	3	1	1	0	0	2	96	93	underrated
T	0	5	3	1	0	0	-5	2	5	89	86	rejected
U	0	2	0	0	0	0	-2	0	2	90	86	underrated
V	6	1	0	0	0	0	5	0	7	103	107	-
W	1	3	3	2	1	1	-2	1	4	94	93	-
X	1	1	3	2	1	0	0	1	2	97	93	underrated
Y	7	0	3	3	2	0	7	0	7	110	117	appreciated
Z	2	0	3	0	1	0	2	3	2	104	97	underrated
a	1	8	1	3	1	1	-7	-2	9	80	93	rejected
b	2	0	3	3	1	0	2	0	2	99	97	underrated
c	0	0	3	2	0	0	0	1	0	96	86	neglected
d	3	1	3	0	1	0	2	3	4	104	100	-
e	4	0	3	3	2	0	4	0	4	104	107	-
f	3	1	3	2	2	0	2	1	4	103	104	-
g	1	2	3	0	1	0	-1	3	3	99	93	-
h	4	0	3	1	2	0	4	2	4	108	107	-
i	4	0	3	0	1	0	4	3	4	108	104	-
j	2	0	3	0	2	0	2	3	2	106	100	underrated
k	1	0	3	1	1	0	1	2	1	101	93	neglected
l	5	0	3	2	2	0	5	1	5	108	110	-

RP Received preferences RJ Received rejections GP Given preferences GJ Given rejections MP Mutual preferences MJ Mutual rejections OR Orientation IM Impact MP Balance AI Affiliation coefficient II Influence coefficient ST Status in the group ■ 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.

GROUP 1 - DEMO 3

SOCIOGRAM

Cohesion index : 0.58

ID	Count	Median	Mean	Std	Min	P25	P50	P75	Max
Received preferences	38	2	2.68	2.27	0	1	2	4	9
Received rejections	38	0	1.66	3.18	0	0	0	2	14
Given Preferences	38	3	2.68	0.87	0	3	3	3	3
Given rejections	38	2	1.66	1.32	0	0	2	3	3
Mutual preferences	38	1	1.16	0.89	0	0	1	2	3
Mutual rejections	38	0	0.21	0.58	0	0	0	0	3
Balance	38	2	1.03	4.61	-14	0	2	4	7
Orientation	38	0	1.03	1.38	-2	0	0	2	3
Impact	38	4	4.34	3.05	0	2	4	5	14
Affiliation coefficient	38	103	100.00	10.00	69	96	103	106	111
Influence coefficient	38	100	100.00	10.00	86	93	100	107	124

Std Standard Deviation Min Minimum value P25 25° percentile P50 50° percentile P75 75° percentile Max Maximum value