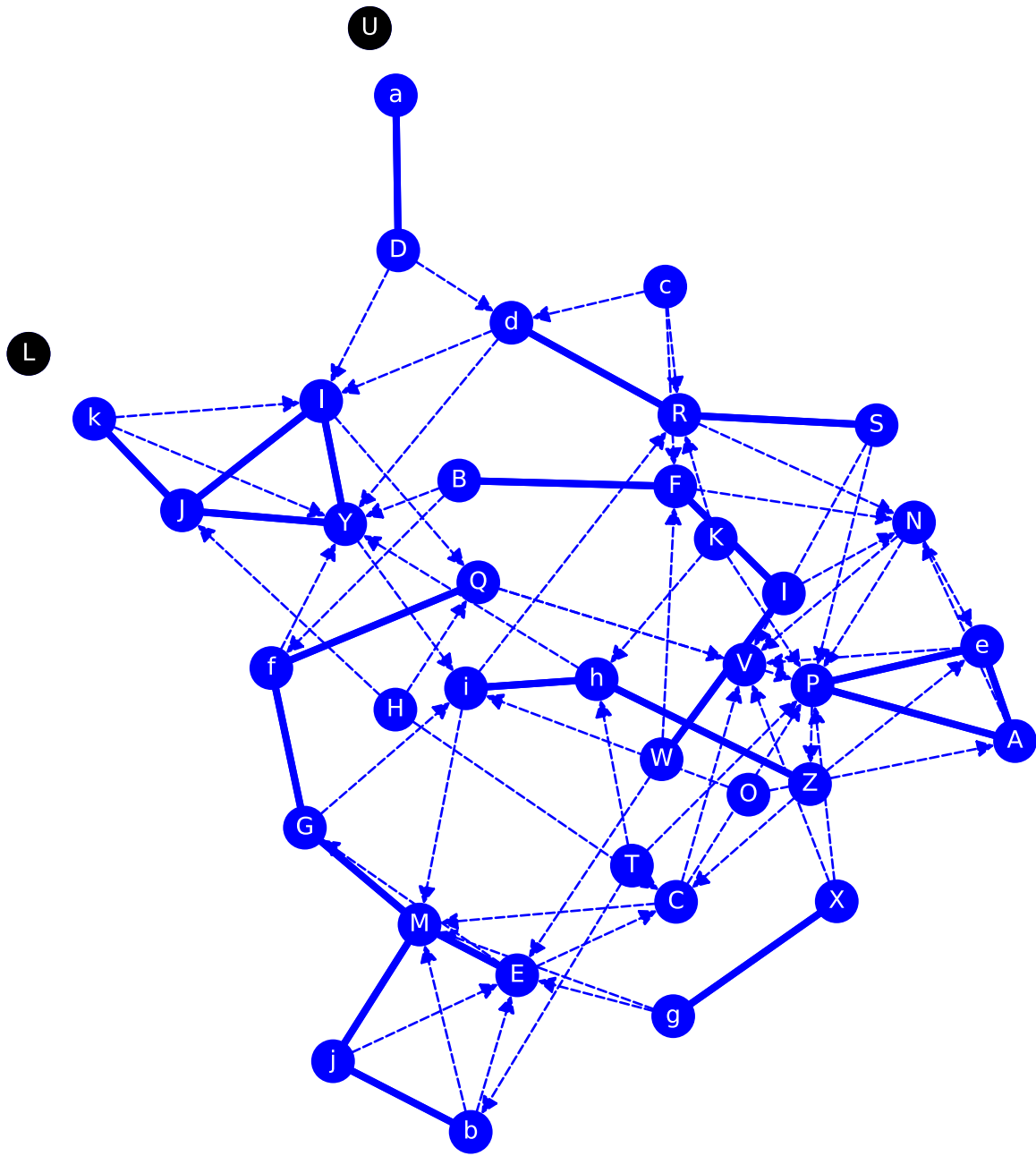


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A. Whom would you choose to spend a free outing with?

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 kl 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

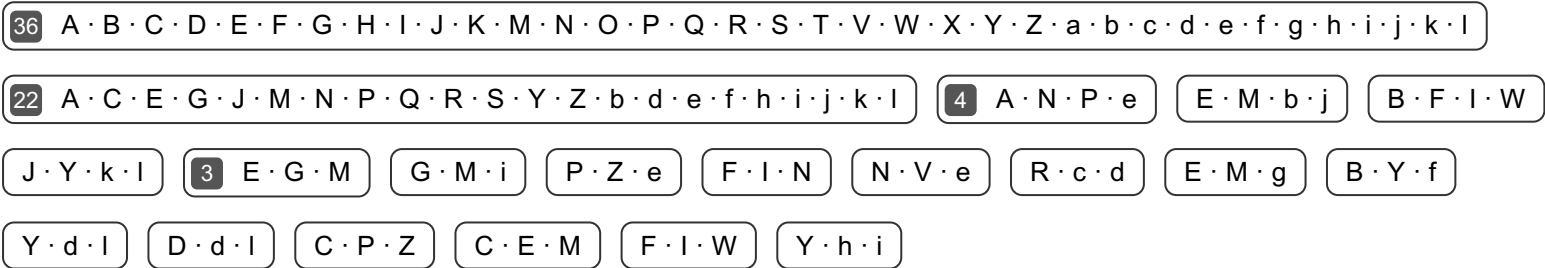
$X \rightarrow Y, Y \rightarrow X$  in network A ·  $X \rightarrow Y, Y \rightarrow X$  in network B

No edge of this type

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

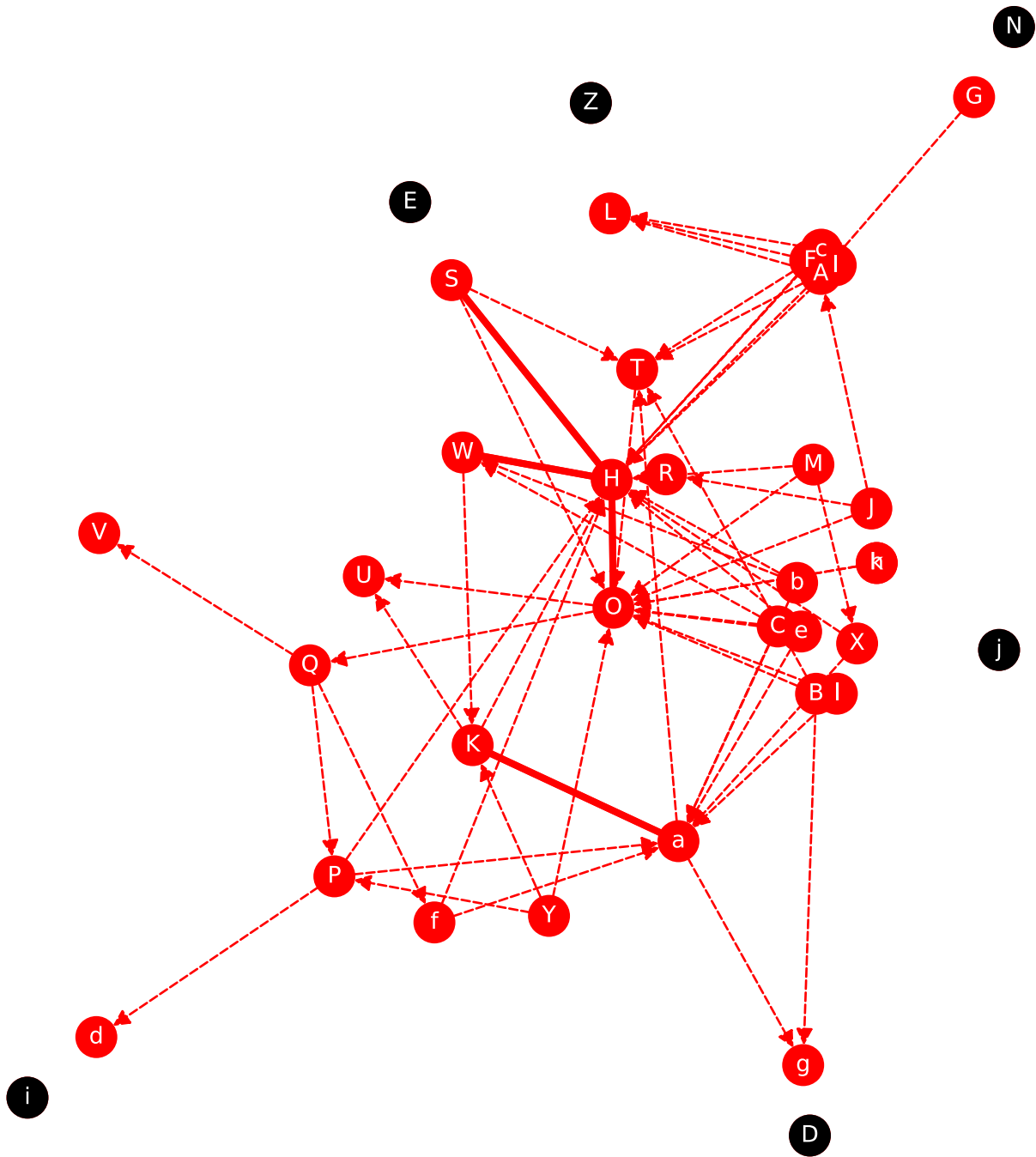
Connected components



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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

B · O · T

H · W · b

O · S · T

H · M · X

H · O · e

H · K · W

H · M · O

H · O · S

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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	100	controversial
B	1	0	3	3	1	0	1	0	1	97	91	neglected
C	3	0	3	3	0	0	3	0	3	99	94	-
D	1	0	3	0	1	0	1	3	1	103	100	neglected
E	5	0	3	0	1	0	5	3	5	110	112	-
F	4	0	3	3	2	0	4	0	4	104	103	-
G	3	0	3	1	2	0	3	2	3	106	106	-
H	0	14	3	3	0	3	-14	0	14	69	85	rejected
I	2	0	3	1	2	0	2	2	2	104	103	underrated
J	4	0	3	3	3	0	4	0	4	106	106	-
K	0	3	3	3	0	1	-3	0	3	89	85	-
L	0	3	0	0	0	0	-3	0	3	89	85	-
M	7	0	3	3	3	0	7	0	7	111	115	appreciated
N	4	0	3	0	0	0	4	3	4	106	106	-
O	0	12	2	3	0	1	-12	-1	12	71	81	rejected
P	9	2	3	3	2	0	7	0	11	110	118	popular
Q	3	1	3	3	1	0	2	0	4	99	97	-
R	5	1	3	0	2	0	4	3	6	110	115	-
S	1	1	3	3	1	1	0	0	2	96	91	underrated
T	0	5	3	1	0	0	-5	2	5	89	91	rejected
U	0	2	0	0	0	0	-2	0	2	90	85	underrated
V	6	1	0	0	0	0	5	0	7	103	103	-
W	1	3	3	2	1	1	-2	1	4	94	94	-
X	1	1	3	2	1	0	0	1	2	97	94	underrated
Y	7	0	3	3	2	0	7	0	7	110	112	appreciated
Z	2	0	3	0	1	0	2	3	2	104	103	underrated
a	1	8	1	3	1	1	-7	-2	9	80	85	rejected
b	2	0	3	3	1	0	2	0	2	99	94	underrated
c	0	0	3	2	0	0	0	1	0	96	88	neglected
d	3	1	3	0	1	0	2	3	4	104	106	-
e	4	0	3	3	2	0	4	0	4	104	103	-
f	3	1	3	2	2	0	2	1	4	103	103	-
g	1	2	3	0	1	0	-1	3	3	99	100	-
h	4	0	3	1	2	0	4	2	4	108	109	-
i	4	0	3	0	1	0	4	3	4	108	109	-
j	2	0	3	0	2	0	2	3	2	106	106	underrated
k	1	0	3	1	1	0	1	2	1	101	97	neglected
l	5	0	3	2	2	0	5	1	5	108	109	-

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
	38	5	3.21	5.71	-14	1	5	7	10
Affiliation coefficient	38	103	100.00	10.00	69	96	103	106	111
	38	5	4.87	3.26	-1	2	5	7	11
Influence coefficient	38	101	100.00	10.00	81	91	101	106	118

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