## Comparison of Versions of Kinship Links

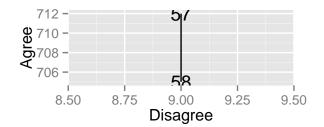
## Joe Rodger's BG Team

May 25, 2013

## Newer Links Version: 58; Older Links Version: 57;

Newer Links: Interpolates In HH79

Older Links: In HH in 79



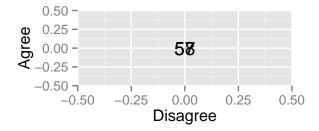


Figure 1: ROC for Gen1Housemates (left) and Gen2Siblings (right)

R	Implicit2004	Implicit	Roster	Explicit	Eventual
0	=	1	478	35	512
0.125	76	-	96	-	96
0.130999997258186	-	-	-	1	-
0.25	43	-	-	249	265
0.375	310	-	-	54	-
0.5	1877	841	-	3461	3688
0.75	32	-	-	-	11
1	-	-	-	-	11
_	2964	4460	4728	1502	719

Table 1: Counts for Gen1Housemates

R	Implicit2004	Implicit	Roster	Explicit	Eventual
0	=	1	478	35	512
0.125	76	=.	96	=.	96
0.130999997258186	-	-	-	1	1
0.25	43	-	-	261	254
0.375	310	-	-	54	54
0.5	1877	840	-	3588	3676
0.75	32	-	-	-	11
1	-	-	-	-	11
_	2964	4461	4728	1363	687

Table 2: Counts for Gen1Housemates (Previous version of links)

R	Implicit2004	Implicit	Explicit	Eventual
-	0	0	0	0

Table 3: Counts for Gen2Siblings

R	Implicit2004	Implicit	Explicit	Eventual
-	0	0	0	0

Table 4: Counts for Gen2Siblings (Previous version of links)

Count	RImplicit2004	RImplicit	RExplicit	RRoster	Delta
1383	1tImphch2004	Timpher	0.500	1(1(05)(6)	-89
1105	0.500	_	0.500	_	-27
565	0.500	_	0.500	_	99
	0.500	0.500	0.500	-	
374	0.500	0.500	0.500	- 0.000	-3
325	-			0.000	0
321	-	0.500	0.500	-	-4
212	0.375	-	0.500	-	-2
203	-	-	0.250	-	-11
195	0.500	-	-	-	27
103	0.500	-	-	0.000	0
67	0.500	0.500	-	-	3
50	0.375	-	-	-	3
48	-	0.500	-	-	5
47	0.125	-	-	0.125	0
37	-	-	0.375	-	0
33	-	-	-	0.125	0
26	-	_	0.000	-	0
17	0.250	_	0.500	_	-1
17	0.375	_	0.250	_	-1
16	0.750		0.500	_	-1
14	0.125		0.500		0
12	0.500	_	0.250	_	0
11	0.250	_	0.250	0.000	0
		-	-		
11	0.375	_	0.275	0.000	0
10	0.500	-	0.375	-	0
10	0.250	-	-	-	1
7	0.750	<del>-</del>	<del>-</del>	-	1
6	0.375	0.500	0.500	-	0
6	0.500	0.500	0.250	-	0
6	-	-	0.250	0.000	0
5	0.375	-	0.375	-	0
5	0.750	-	-	0.000	0
5	-	-	0.500	0.000	0
4	0.125	-	-	-	0
4	0.375	-	-	0.125	0
3	0.125	0.500	-	0.125	0
3	0.125	-	0.000	-	0
3	0.125	_	_	0.000	0
2	0.250	0.500	0.500	_	0
2	0.250	-	0.250	_	0
2	0.375	0.500		0.000	0
2	0.500	0.000		0.000	0
$\frac{2}{2}$	0.750	0.500	0.500	0.120	0
$\frac{2}{2}$	0.750	0.500	0.000	-	0
$\frac{2}{2}$	0.790	0.500	0.375	-	0
	<del>-</del>	0.500		0.000	
2	<u>-</u>	_	0.000	0.000	0
2	- 105	-	0.000	0.125	0
1	0.125	<del>-</del>	0.250	_	0
1	0.125	_	0.500	0.125	0
1	0.250	-	-	0.125	0
1	0.375	0.500		-	0
1	0.375	-	0.000	0.000	0
1	0.375	-	0.500	0.000	0
1	0.500	0.500	0.000	-	0
1	0.500	0.500	0.131	_	0
1	0.500	-	0.500	0.000	0
1	_	0.000	-	0.000	0
1	-	0.500	0.250	-	0
1	_	0.500	- 0.200	0.000	0
1		0.500	_	0.000 $0.125$	0
1	<u>-</u>	5.500	0.250	0.125 $0.125$	0
1			0.250 $0.500$	0.125 $0.125$	0
1	-	3	0.500	0.120	U

Table 5: Counts for Gen1Housemates