## Comparison of Versions of Kinship Links

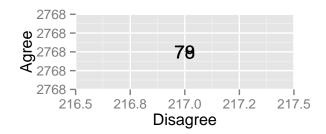
## Joe Rodger's BG Team

October 24, 2013

## Newer Links Version: 79; Older Links Version: 78;

Newer Links: R excludes SameGeneration==255

 ${\tt Older\ Links:\ Demoted\ priority\ of\ AlwaysLivedWithBothBioparents}$ 



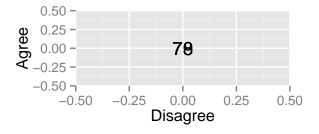


Figure 1: ROC for Gen1Housemates (left) and Gen2Siblings (right)

$\overline{R}$	Implicit2004	Implicit	Roster	Explicit	Eventual
0	-	204	478	41	558
0.0625	-	-	-	2	47
0.125	76	-	96	-	96
0.25	43	193	-	273	300
0.375	310	-	-	37	15
0.5	1877	3489	-	3598	4000
0.75	32	-	-	-	11
1	-	-	-	-	11
-	2964	1416	4728	1351	264

Table 1: Counts for Gen1Housemates

R	Implicit2004	Implicit	Roster	Explicit	Eventual
0	-	204	478	41	558
0.0625	-	=	-	2	47
0.125	76	-	96	-	96
0.25	43	193	-	273	300
0.375	310	-	-	37	15
0.5	1877	3489	-	3598	4000
0.75	32	-	-	-	11
1	-	-	-	-	11
_	2964	1416	4728	1351	264

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
1445	0.500	0.500	0.500	-	0
1238	_	0.500	0.500	_	0
501	_	_	0.500	-	0
244	_	_	-	_	0
206	0.500	0.500	_	-	0
201	-	0.500	_	_	0
177	0.375	-	0.500	_	0
148	-	_	0.250	_	0
112	_	0.500	0.200	0.000	0
99	_	0.000	_	0.000	0
78	-	0.000	_	0.000	0
71	0.500	0.500	_	0.000	0
58	0.500		0.250	0.000	
	-	0.500	0.250	-	0
48	- 0.055	0.250	0.500	_	0
41	0.375	-	-	-	0
39	0.375	0.500	0.500	-	0
38	-	0.250	-	0.000	0
35	-	0.000	-	-	0
30	0.500	0.250	0.500	-	0
27	0.500	-	0.500	-	0
19	0.125	-	-	0.125	0
19	-	0.250	-	-	0
18	0.500	0.500	0.250	-	0
18	-	-	0.000	-	0
17	0.125	0.500	-	0.125	0
17	0.375	-	0.250	-	0
16	0.500	0.000	-	0.000	0
16	-	0.000	0.500	_	0
15	0.500	0.250	-	0.000	0
15	0.500				0
15	0.000		0.375		0
14		0.250	0.373	<u>-</u>	0
13	0.250	0.200	0.500	_	0
12	0.750	0.500	0.500	_	0
12	0.750	0.000	0.500	0.125	0
	0.105		-		_
10	0.125	0.250	0.500	0.125	0
10	0.125	-	0.500	-	0
10	0.500	0.000	0.500	-	0
10	-	_	_	0.125	0
9	-	0.500	0.375	-	0
8	0.250	-	-	0.000	0
8	0.250	-	-	-	0
8	-	0.500	-	0.125	0
7	0.250	0.500	0.500	-	0
7	0.750	-	0.500	-	0
7	-	0.500	0.000	-	0
6	0.500	0.250	-	-	0
6	-	0.000	0.250	_	0
5	0.375	0.000	0.500	_	0
5	0.375	-	-	0.000	0
5	0.500	0.500	0.375	-	0
5	0.750	-	0.010		0
4	0.125	0.500	0.500	_	0
4	0.125 $0.375$	0.000	0.000	0.000	0
4	0.375	0.500	_	0.000	0
4	0.375	0.500	-	0.000	
		0.500	0.075	-	0
4	0.375	-	0.375	-	0
4	0.500	0.000	-	-	0
4	-	0.250	-	0.125	0
3	0.125	0.000		0.125	0
3	0.125	_	_	0.000	0
3	0.125	2 -	-	-	0
3	-	$0.0\overline{000}$	0.000	-	0
2	0.125	0.500	0.000	-	0
	0.250				