

# Comparison of Versions of Kinship Links

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Newer Links Version: 70; Older Links Version: 69;

Newer Links: Uses parents' birthyear at 0, 5, 15, +; disconfirms; supports; unlikely

Older Links: Uses birth state of Parent of Gen1 -awful ROC performance vs explicit, but good vs roster

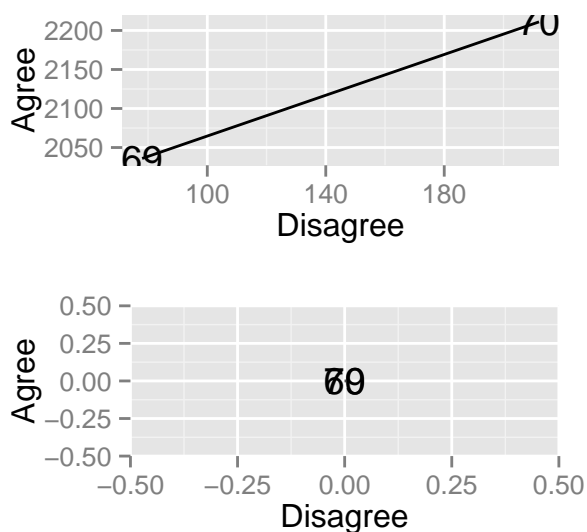


Figure 1: ROC for Gen1Housemates (left) and Gen2Siblings (right)

R	Implicit2004	Implicit	Roster	Explicit	Eventual
0	-	345	478	41	575
0.0625	-	-	-	2	77
0.125	76	-	96	-	96
0.25	43	106	-	273	287
0.375	310	-	-	37	66
0.5	1877	2683	-	3598	3917
0.75	32	-	-	-	11
1	-	-	-	-	11
-	2964	2168	4728	1351	262

Table 1: Counts for Gen1Housemates

R	Implicit2004	Implicit	Roster	Explicit	Eventual
0	-	171	478	41	554
0.0625	-	-	-	2	63
0.125	76	-	96	-	96
0.25	43	15	-	273	270
0.375	310	-	-	37	29
0.5	1877	2493	-	3598	3888
0.75	32	-	-	-	11
1	-	-	-	-	11
-	2964	2623	4728	1351	380

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
1243	0.500	0.500	0.500	-	51
858	-	0.500	0.500	-	71
855	-	-	0.500	-	-141
328	-	-	-	-	-32
231	0.500	-	0.500	-	-73
203	0.500	0.500	-	-	8
184	-	-	0.250	-	-31
159	-	-	-	0.000	-54
148	0.375	-	0.500	-	-35
119	-	0.000	-	0.000	49
118	-	0.500	-	-	10
56	0.375	0.500	0.500	-	22
46	-	0.000	-	-	15
46	-	0.000	0.500	-	32
44	0.500	0.500	-	0.000	1
44	-	0.500	-	0.000	1
44	-	0.250	0.500	-	38
33	0.375	-	-	-	-9
32	0.500	-	-	0.000	-12
30	0.125	-	-	0.125	-6
26	0.500	0.000	-	0.000	10
20	0.500	0.250	0.500	-	14
19	0.500	-	-	-	-12
18	-	-	0.375	-	-6
18	0.500	0.000	0.500	-	8
17	-	-	0.000	-	-10
17	0.375	-	0.250	-	-1
17	-	0.500	0.250	-	9
15	0.500	0.500	0.250	-	1
14	-	-	-	0.125	-10
14	-	0.000	-	0.125	8
13	0.375	0.000	0.500	-	9
13	-	0.000	0.250	-	10
12	0.125	0.500	-	0.125	0
12	-	0.250	0.250	-	12
10	0.750	0.500	0.500	-	1
10	0.250	0.500	0.500	-	3
9	0.750	-	0.500	-	-1
9	0.375	0.500	-	-	5
8	0.250	-	0.500	-	-5
8	0.250	-	-	-	0
8	-	0.000	0.000	-	8
7	0.125	-	0.500	-	-3
7	0.500	0.000	-	-	3
7	0.125	0.000	-	0.125	6
7	-	0.250	-	-	7
6	0.250	-	-	0.000	-2
5	0.375	-	-	0.000	-2
5	-	-	0.250	0.000	-1
5	0.750	-	-	-	0
5	0.125	0.500	0.500	-	1
5	-	0.500	0.000	-	2
5	-	0.500	0.375	-	3
5	-	0.250	-	0.000	4
4	0.500	-	0.250	-	-1
4	0.375	-	0.375	-	0
4	0.500	0.500	0.375	-	0
4	-	0.500	-	0.125	0
4	0.375	0.000	-	0.000	1
4	0.375	0.000	-	-	2
4	0.375	0.250	0.500	-	4
3	0.125	-	-	0.000	0
3	0.125	-	-	-	0
3	0.375	0.500	-	0.000	0
3	0.750	-	-	0.000	0