

Comparison of Versions of Kinship Links

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May 26, 2013

Newer Links Version: 60; Older Links Version: 59;

Newer Links: Interpolates Explicit; no ambiguous yet

Older Links: Uses In HH 76-80

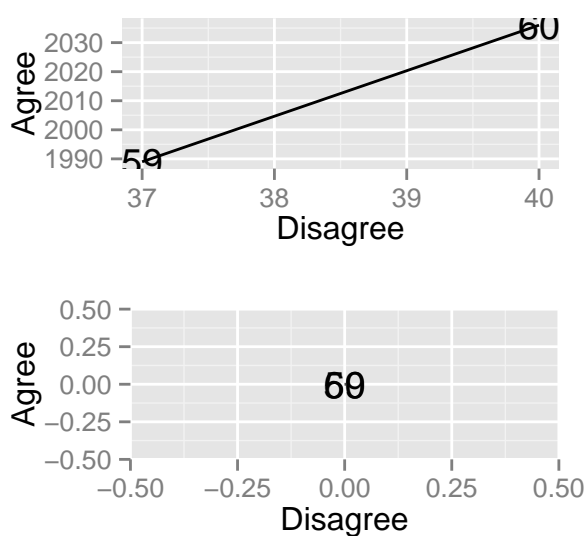


Figure 1: ROC for Gen1Housemates (left) and Gen2Siblings (right)

| R | Implicit2004 | Implicit | Roster | Explicit | Eventual |
|-------|--------------|----------|--------|----------|----------|
| 0 | - | 1 | 478 | 41 | 512 |
| 0.125 | 76 | - | 96 | - | 96 |
| 0.25 | 43 | 12 | - | 273 | 266 |
| 0.375 | 310 | - | - | - | - |
| 0.5 | 1877 | 2493 | - | 3598 | 3891 |
| 0.75 | 32 | - | - | - | 11 |
| 1 | - | - | - | - | 11 |
| - | 2964 | 2796 | 4728 | 1390 | 515 |

Table 1: Counts for Gen1Housemates

| R | Implicit2004 | Implicit | Roster | Explicit | Eventual |
|-------------------|--------------|----------|--------|----------|----------|
| 0 | - | 1 | 478 | 35 | 512 |
| 0.125 | 76 | - | 96 | - | 96 |
| 0.130999997258186 | - | - | - | 1 | - |
| 0.25 | 43 | 12 | - | 249 | 266 |
| 0.375 | 310 | - | - | 54 | - |
| 0.5 | 1877 | 2493 | - | 3461 | 3891 |
| 0.75 | 32 | - | - | - | 11 |
| 1 | - | - | - | - | 11 |
| - | 2964 | 2796 | 4728 | 1502 | 515 |

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 |
|-------|---------------|-----------|-----------|---------|-------|
| 1192 | 0.500 | 0.500 | 0.500 | - | 20 |
| 1013 | - | - | 0.500 | - | 71 |
| 787 | - | 0.500 | 0.500 | - | 27 |
| 417 | - | - | - | - | -60 |
| 314 | 0.500 | - | 0.500 | - | 13 |
| 282 | - | - | - | 0.000 | 0 |
| 218 | - | - | 0.250 | - | 20 |
| 200 | 0.500 | 0.500 | - | - | -14 |
| 187 | 0.375 | - | 0.500 | - | 3 |
| 110 | - | 0.500 | - | - | -25 |
| 60 | 0.500 | - | - | 0.000 | 0 |
| 48 | 0.375 | - | - | - | 1 |
| 43 | 0.500 | 0.500 | - | 0.000 | 0 |
| 43 | - | 0.500 | - | 0.000 | 0 |
| 37 | 0.500 | - | - | - | -10 |
| 37 | 0.125 | - | - | 0.125 | -1 |
| 34 | 0.375 | 0.500 | 0.500 | - | 0 |
| 30 | - | - | - | 0.125 | 0 |
| 27 | - | - | 0.000 | - | 4 |
| 18 | 0.375 | - | 0.250 | - | 1 |
| 14 | 0.500 | 0.500 | 0.250 | - | 0 |
| 13 | 0.250 | - | 0.500 | - | 1 |
| 12 | 0.125 | 0.500 | - | 0.125 | 0 |
| 10 | 0.125 | - | 0.500 | - | 0 |
| 10 | 0.375 | - | - | 0.000 | 0 |
| 10 | 0.750 | - | 0.500 | - | 1 |
| 9 | 0.250 | - | - | 0.000 | 0 |
| 9 | 0.750 | 0.500 | 0.500 | - | 0 |
| 8 | 0.250 | - | - | - | -1 |
| 8 | - | 0.500 | 0.250 | - | 2 |
| 7 | 0.250 | 0.500 | 0.500 | - | 0 |
| 6 | 0.750 | - | - | - | -1 |
| 6 | 0.500 | 0.250 | 0.500 | - | 0 |
| 6 | - | - | 0.250 | 0.000 | 0 |
| 5 | 0.500 | - | 0.250 | - | 1 |
| 4 | 0.125 | 0.500 | 0.500 | - | 0 |
| 4 | 0.125 | - | - | - | 0 |
| 4 | 0.375 | 0.500 | - | - | 0 |
| 4 | 0.375 | - | - | 0.125 | 0 |
| 4 | 0.750 | - | - | 0.000 | 0 |
| 4 | - | 0.500 | - | 0.125 | 0 |
| 4 | - | - | 0.500 | 0.000 | 0 |
| 3 | 0.125 | - | - | 0.000 | 0 |
| 3 | 0.375 | 0.500 | - | 0.000 | 0 |
| 3 | - | 0.500 | 0.000 | - | 0 |
| 3 | - | 0.250 | 0.500 | - | 1 |
| 2 | 0.125 | 0.500 | 0.000 | - | 0 |
| 2 | 0.250 | 0.500 | - | 0.000 | 0 |
| 2 | 0.250 | - | 0.250 | - | 0 |
| 2 | 0.750 | 0.500 | - | - | 0 |
| 2 | - | 0.500 | 0.000 | 0.000 | 0 |
| 2 | - | - | 0.000 | 0.125 | 0 |
| 2 | 0.500 | 0.500 | 0.000 | - | 1 |
| 1 | 0.125 | - | 0.000 | - | 0 |
| 1 | 0.125 | - | 0.250 | - | 0 |
| 1 | 0.125 | - | 0.500 | 0.125 | 0 |
| 1 | 0.250 | 0.500 | - | - | 0 |
| 1 | 0.250 | - | - | 0.125 | 0 |
| 1 | 0.375 | 0.500 | 0.500 | 0.000 | 0 |
| 1 | 0.375 | - | 0.000 | 0.000 | 0 |
| 1 | 0.500 | 0.250 | - | 0.125 | 0 |
| 1 | 0.500 | 0.250 | - | - | 0 |
| 1 | 0.500 | 0.500 | 0.500 | 0.000 | 0 |
| 1 | 0.500 | 0.500 | - | 0.125 | 0 |
| 1 | 0.750 | 0.500 | - | 0.000 | 0 |