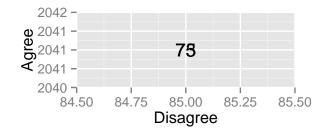
Comparison of Versions of Kinship Links

Joe Rodger's BG Team

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Newer Links Version: 75; Older Links Version: 73;

Newer Links: Uses parents' birthyear at 0, 5, 15, +; disconfirms (Reverts to V73)
Older Links: Uses parents' birthyear at 0, 5, 15, +; disconfirms



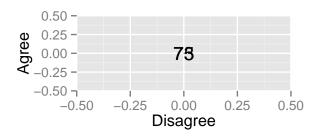


Figure 1: ROC for Gen1Housemates (left) and Gen2Siblings (right)

| R | Implicit2004 | Implicit | Roster | Explicit | Eventual |
|--------|--------------|----------|--------|----------|----------|
| 0 | = | 204 | 478 | 41 | 558 |
| 0.0625 | - | - | - | 2 | 72 |
| 0.125 | 76 | - | 96 | - | 96 |
| 0.25 | 43 | 17 | - | 273 | 275 |
| 0.375 | 310 | - | - | 37 | 24 |
| 0.5 | 1877 | 2493 | _ | 3598 | 3888 |
| 0.75 | 32 | - | - | - | 11 |
| 1 | - | _ | _ | _ | 11 |
| - | 2964 | 2588 | 4728 | 1351 | 367 |

Table 1: Counts for Gen1Housemates

| R | Implicit2004 | Implicit | Roster | Explicit | Eventual |
|--------|--------------|----------|--------|----------|----------|
| 0 | - | 204 | 478 | 41 | 558 |
| 0.0625 | - | - | - | 2 | 72 |
| 0.125 | 76 | - | 96 | - | 96 |
| 0.25 | 43 | 17 | - | 273 | 275 |
| 0.375 | 310 | - | - | 37 | 24 |
| 0.5 | 1877 | 2493 | - | 3598 | 3888 |
| 0.75 | 32 | - | - | - | 11 |
| 1 | - | - | - | - | 11 |
| _ | 2964 | 2588 | 4728 | 1351 | 367 |

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

| R | Implicit2004 | Implicit | Explicit | Eventual |
|---|--------------|----------|----------|----------|
| - | 0 | 0 | 0 | 0 |

Table 3: Counts for Gen2Siblings

| \mathbf{R} | Implicit2004 | Implicit | Explicit | Eventual |
|--------------|--------------|----------|----------|----------|
| - | 0 | 0 | 0 | 0 |

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

| Count | | RImplicit | | RRoster | Delta |
|-------|-------|-----------|-------|---------|-------|
| 1192 | 0.500 | 0.500 | 0.500 | - | 0 |
| 993 | - | - | 0.500 | - | 0 |
| 787 | - | 0.500 | 0.500 | - | 0 |
| 356 | - | - | - | - | 0 |
| 304 | 0.500 | - | 0.500 | - | 0 |
| 211 | - | - | 0.250 | - | 0 |
| 205 | - | - | - | 0.000 | 0 |
| 195 | 0.500 | 0.500 | - | - | 0 |
| 182 | 0.375 | - | 0.500 | - | 0 |
| 108 | - | 0.500 | - | - | 0 |
| 78 | - | 0.000 | - | 0.000 | 0 |
| 44 | 0.500 | - | - | 0.000 | 0 |
| 43 | 0.500 | 0.500 | - | 0.000 | 0 |
| 43 | - | 0.500 | - | 0.000 | 0 |
| 42 | 0.375 | - | - | - | 0 |
| 35 | - | 0.000 | - | - | 0 |
| 34 | 0.125 | - | - | 0.125 | 0 |
| 34 | 0.375 | 0.500 | 0.500 | - | 0 |
| 31 | 0.500 | - | - | - | 0 |
| 24 | - | - | 0.000 | - | 0 |
| 24 | - | - | 0.375 | - | 0 |
| 18 | 0.375 | - | 0.250 | - | 0 |
| 18 | - | - | - | 0.125 | 0 |
| 16 | 0.500 | 0.000 | - | 0.000 | 0 |
| 16 | - | 0.000 | 0.500 | - | 0 |
| 14 | 0.500 | 0.500 | 0.250 | - | 0 |
| 13 | 0.250 | - | 0.500 | - | 0 |
| 12 | 0.125 | 0.500 | - | 0.125 | 0 |
| 12 | - | 0.000 | - | 0.125 | 0 |
| 10 | 0.125 | - | 0.500 | - | 0 |
| 10 | 0.500 | 0.000 | 0.500 | - | 0 |
| 10 | 0.750 | - | 0.500 | - | 0 |
| 9 | 0.750 | 0.500 | 0.500 | - | 0 |
| 8 | 0.250 | - | - | 0.000 | 0 |
| 8 | 0.250 | - | - | - | 0 |
| 8 | - | 0.500 | 0.250 | - | 0 |
| 7 | 0.250 | 0.500 | 0.500 | - | 0 |
| 7 | - | 0.250 | 0.500 | - | 0 |
| 6 | 0.375 | - | - | 0.000 | 0 |
| 6 | 0.500 | 0.250 | 0.500 | - | 0 |
| 6 | - | 0.000 | 0.250 | - | 0 |
| 6 | - | - | 0.250 | 0.000 | 0 |
| 5 | 0.375 | 0.000 | 0.500 | - | 0 |
| 5 | 0.500 | - | 0.250 | - | 0 |
| 5 | 0.750 | - | - | - | 0 |
| 4 | 0.125 | 0.500 | 0.500 | - | 0 |
| 4 | 0.375 | 0.000 | - | 0.000 | 0 |
| 4 | 0.375 | 0.500 | - | - | 0 |
| 4 | 0.375 | - | 0.375 | - | 0 |
| 4 | 0.500 | 0.000 | - | - | 0 |
| 4 | 0.500 | 0.500 | 0.375 | - | 0 |
| 4 | - | 0.500 | - | 0.125 | 0 |
| 3 | 0.125 | 0.000 | _ | 0.125 | 0 |
| 3 | 0.125 | - | - | 0.000 | 0 |
| 3 | 0.125 | - | - | - | 0 |
| 3 | 0.375 | 0.500 | - | 0.000 | 0 |
| 3 | 0.750 | - | - | 0.000 | 0 |
| 3 | - | 0.000 | 0.000 | - | 0 |
| 3 | - | 0.500 | 0.000 | - | 0 |
| 2 | 0.125 | 0.500 | 0.000 | - | 0 |
| 2 | 0.250 | 0.500 | - | 0.000 | 0 |
| 2 | 0.250 | | 0.250 | | 0 |
| 2 | 0.375 | 0.000 | - | 0.125 | 0 |
| 2 | 0.375 | 0.000 | - | - | 0 |
| 2 | 0.375 | _ | _ | 0.125 | 0 |