Comparison of Versions of Kinship Links

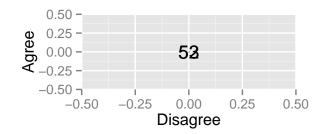
Joe Rodger's BG Team

March 13, 2013

Newer Links Version: 53; Older Links Version: 52;

Newer Links: ??? R Excludes Gen1 R=0, .375, .75

Older Links: After splitting off Gen1 Explicit tagset



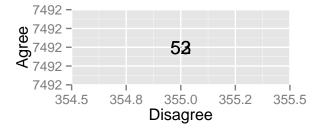


Figure 1: ROC for Gen1Housemates (left) and Gen2Siblings (right)

| R | Implicit2004 | Implicit | Roster | Explicit | Eventual |
|-------|--------------|----------|--------|----------|----------|
| 0 | - | - | 478 | = | - |
| 0.125 | 76 | - | 96 | - | 96 |
| 0.25 | 43 | - | - | 260 | 253 |
| 0.375 | 310 | - | - | 47 | - |
| 0.5 | 1877 | - | - | 3570 | 3548 |
| 0.75 | 32 | - | - | - | - |
| 1 | - | - | - | - | 11 |
| - | 2964 | 5302 | 4728 | 1425 | 1394 |

Table 1: Counts for Gen1Housemates

| R | Implicit2004 | Implicit | Roster | Explicit | Eventual |
|-------|--------------|----------|--------|----------|----------|
| 0 | - | - | 478 | = | - |
| 0.125 | 76 | - | 96 | - | 96 |
| 0.25 | 43 | - | - | 260 | 253 |
| 0.375 | 310 | - | - | 47 | - |
| 0.5 | 1877 | - | - | 3570 | 3548 |
| 0.75 | 32 | - | - | - | - |
| 1 | - | _ | _ | _ | 11 |
| - | 2964 | 5302 | 4728 | 1425 | 1394 |

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

| R | Implicit2004 | Implicit | Explicit | Eventual |
|-------|--------------|----------|----------|----------|
| 0.25 | 2221 | 3012 | 2975 | 3442 |
| 0.375 | 2663 | - | 244 | 610 |
| 0.5 | 5778 | 6731 | 5599 | 6997 |
| 0.75 | - | 12 | - | 12 |
| 1 | 36 | 27 | 22 | 27 |
| - | 390 | 1306 | 2248 | 0 |

Table 3: Counts for Gen2Siblings

| R | Implicit2004 | Implicit | Explicit | Eventual |
|-------|--------------|----------|----------|----------|
| 0.25 | 2221 | 3012 | 2975 | 3442 |
| 0.375 | 2663 | - | 244 | 610 |
| 0.5 | 5778 | 6731 | 5599 | 6997 |
| 0.75 | - | 12 | _ | 12 |
| 1 | 36 | 27 | 22 | 27 |
| _ | 390 | 1306 | 2248 | 0 |

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