

| subject | locality | type    | trial | correct | z          | dprime     |
|---------|----------|---------|-------|---------|------------|------------|
| s1      | local    | control | AA    | 0.72    | 0.58284151 | 1.98791307 |
| s1      | local    | one     | AA    | 0.73    | 0.61281299 | 2.93916087 |
| s1      | local    | two     | AA    | 0.14    | -1.0803193 | -0.3081261 |
| s1      | local    | control | BA    | 0.08    | -1.4050716 |            |
| s1      | local    | one     | BA    | 0.01    | -2.3263479 |            |
| s1      | local    | two     | BA    | 0.22    | -0.7721932 |            |
| s1      | non      | control | AA    | 0.72    | 0.58284151 | 2.33352758 |
| s1      | non      | one     | AA    | 0.95    | 1.64485363 | 3.28970725 |
| s1      | non      | two     | AA    | 0.48    | -0.0501536 | 1.42563744 |
| s1      | non      | control | BA    | 0.04    | -1.7506861 |            |
| s1      | non      | one     | BA    | 0.05    | -1.6448536 |            |
| s1      | non      | two     | BA    | 0.07    | -1.475791  |            |
| s10     | local    | control | AA    | 0.39    | -0.279319  | -0.4049804 |
| s10     | local    | one     | AA    | 0.55    | 0.12566135 | 0.22609507 |
| s10     | local    | two     | AA    | 0.36    | -0.3584588 | -0.4337287 |
| s10     | local    | control | BA    | 0.55    | 0.12566135 |            |
| s10     | local    | one     | BA    | 0.46    | -0.1004337 |            |
| s10     | local    | two     | BA    | 0.53    | 0.07526986 |            |
| s10     | non      | control | AA    | 0.5     | 0          | 0.05015358 |
| s10     | non      | one     | AA    | 0.33    | -0.4399132 | -0.6932603 |
| s10     | non      | two     | AA    | 0.65    | 0.38532047 | 0.28488675 |
| s10     | non      | control | BA    | 0.48    | -0.0501536 |            |
| s10     | non      | one     | BA    | 0.6     | 0.2533471  |            |
| s10     | non      | two     | BA    | 0.54    | 0.10043372 |            |
| s11     | local    | control | AA    | 0.95    | 1.64485363 | 3.28970725 |
| s11     | local    | one     | AA    | 0.79    | 0.80642125 | 1.98140804 |
| s11     | local    | two     | AA    | 0.52    | 0.05015358 | 0.25204706 |
| s11     | local    | control | BA    | 0.05    | -1.6448536 |            |
| s11     | local    | one     | BA    | 0.12    | -1.1749868 |            |
| s11     | local    | two     | BA    | 0.42    | -0.2018935 |            |
| s11     | non      | control | AA    | 0.84    | 0.99445788 | 2.33521292 |
| s11     | non      | one     | AA    | 0.99    | 2.32634787 | 4.07703395 |
| s11     | non      | two     | AA    | 0.79    | 0.80642125 | 1.05976835 |
| s11     | non      | control | BA    | 0.09    | -1.340755  |            |
| s11     | non      | one     | BA    | 0.04    | -1.7506861 |            |
| s11     | non      | two     | BA    | 0.4     | -0.2533471 |            |
| s12     | local    | control | AA    | 0.96    | 1.75068607 | 4.07703395 |
| s12     | local    | one     | AA    | 0.89    | 1.22652812 | 2.87138175 |
| s12     | local    | two     | AA    | 0.71    | 0.55338472 | 1.67977585 |
| s12     | local    | control | BA    | 0.01    | -2.3263479 |            |
| s12     | local    | one     | BA    | 0.05    | -1.6448536 |            |
| s12     | local    | two     | BA    | 0.13    | -1.1263911 |            |

|     |       |         |    |      |            |            |
|-----|-------|---------|----|------|------------|------------|
| s12 | non   | control | AA | 0.96 | 1.75068607 | 4.07703395 |
| s12 | non   | one     | AA | 0.92 | 1.40507156 | 3.15575763 |
| s12 | non   | two     | AA | 0.87 | 1.12639113 | 2.46714616 |
| s12 | non   | control | BA | 0.01 | -2.3263479 |            |
| s12 | non   | one     | BA | 0.04 | -1.7506861 |            |
| s12 | non   | two     | BA | 0.09 | -1.340755  |            |
| s14 | local | control | AA | 0.84 | 0.99445788 | 3.32080576 |
| s14 | local | one     | AA | 0.91 | 1.34075503 | 3.66710291 |
| s14 | local | two     | AA | 0.75 | 0.67448975 | 1.51611098 |
| s14 | local | control | BA | 0.01 | -2.3263479 |            |
| s14 | local | one     | BA | 0.01 | -2.3263479 |            |
| s14 | local | two     | BA | 0.2  | -0.8416212 |            |
| s14 | non   | control | AA | 0.82 | 0.91536509 | 1.90982297 |
| s14 | non   | one     | AA | 0.91 | 1.34075503 | 2.46714616 |
| s14 | non   | two     | AA | 0.81 | 0.8778963  | 1.71951753 |
| s14 | non   | control | BA | 0.16 | -0.9944579 |            |
| s14 | non   | one     | BA | 0.13 | -1.1263911 |            |
| s14 | non   | two     | BA | 0.2  | -0.8416212 |            |
| s15 | local | control | AA | 0.91 | 1.34075503 | 2.74582659 |
| s15 | local | one     | AA | 0.86 | 1.08031934 | 2.42107437 |
| s15 | local | two     | AA | 0.76 | 0.70630256 | 1.83269369 |
| s15 | local | control | BA | 0.08 | -1.4050716 |            |
| s15 | local | one     | BA | 0.09 | -1.340755  |            |
| s15 | local | two     | BA | 0.13 | -1.1263911 |            |
| s15 | non   | control | AA | 0.88 | 1.17498679 | 2.92567286 |
| s15 | non   | one     | AA | 0.99 | 2.32634787 | 4.07703395 |
| s15 | non   | two     | AA | 0.86 | 1.08031934 | 2.20671047 |
| s15 | non   | control | BA | 0.04 | -1.7506861 |            |
| s15 | non   | one     | BA | 0.04 | -1.7506861 |            |
| s15 | non   | two     | BA | 0.13 | -1.1263911 |            |
| s16 | local | control | AA | 0.61 | 0.27931903 | 0.4556932  |
| s16 | local | one     | AA | 0.6  | 0.2533471  | 0.2533471  |
| s16 | local | two     | AA | 0.58 | 0.20189348 | 0.66959228 |
| s16 | local | control | BA | 0.43 | -0.1763742 |            |
| s16 | local | one     | BA | 0.5  | 0          |            |
| s16 | local | two     | BA | 0.32 | -0.4676988 |            |
| s16 | non   | control | AA | 0.55 | 0.12566135 | -0.4871516 |
| s16 | non   | one     | AA | 0.52 | 0.05015358 | -0.2031935 |
| s16 | non   | two     | AA | 0.52 | 0.05015358 | 0.05015358 |
| s16 | non   | control | BA | 0.73 | 0.61281299 |            |
| s16 | non   | one     | BA | 0.6  | 0.2533471  |            |
| s16 | non   | two     | BA | 0.5  | 0          |            |
| s2  | local | control | AA | 0.99 | 2.32634787 | 4.07703395 |

|    |       |         |    |      |            |            |
|----|-------|---------|----|------|------------|------------|
| s2 | local | one     | AA | 0.76 | 0.70630256 | 2.35115619 |
| s2 | local | two     | AA | 0.5  | 0          | 1.75068607 |
| s2 | local | control | BA | 0.04 | -1.7506861 |            |
| s2 | local | one     | BA | 0.05 | -1.6448536 |            |
| s2 | local | two     | BA | 0.04 | -1.7506861 |            |
| s2 | non   | control | AA | 0.95 | 1.64485363 | 3.3955397  |
| s2 | non   | one     | AA | 0.95 | 1.64485363 | 3.04992519 |
| s2 | non   | two     | AA | 0.78 | 0.77219321 | 1.41553862 |
| s2 | non   | control | BA | 0.04 | -1.7506861 |            |
| s2 | non   | one     | BA | 0.08 | -1.4050716 |            |
| s2 | non   | two     | BA | 0.26 | -0.6433454 |            |
| s3 | local | control | AA | 0.85 | 1.03643339 | 2.21142018 |
| s3 | local | one     | AA | 0.64 | 0.35845879 | 1.13065201 |
| s3 | local | two     | AA | 0.55 | 0.12566135 | 0.25132269 |
| s3 | local | control | BA | 0.12 | -1.1749868 |            |
| s3 | local | one     | BA | 0.22 | -0.7721932 |            |
| s3 | local | two     | BA | 0.45 | -0.1256613 |            |
| s3 | non   | control | AA | 0.99 | 2.32634787 | 3.9712015  |
| s3 | non   | one     | AA | 0.67 | 0.43991317 | 2.19059924 |
| s3 | non   | two     | AA | 0.61 | 0.27931903 | 0.95380878 |
| s3 | non   | control | BA | 0.05 | -1.6448536 |            |
| s3 | non   | one     | BA | 0.04 | -1.7506861 |            |
| s3 | non   | two     | BA | 0.25 | -0.6744898 |            |
| s4 | local | control | AA | 0.68 | 0.4676988  | 1.30932003 |
| s4 | local | one     | AA | 0.7  | 0.52440051 | 0.80371955 |
| s4 | local | two     | AA | 0.73 | 0.61281299 | 0.84035797 |
| s4 | local | control | BA | 0.2  | -0.8416212 |            |
| s4 | local | one     | BA | 0.39 | -0.279319  |            |
| s4 | local | two     | BA | 0.41 | -0.227545  |            |
| s4 | non   | control | AA | 0.91 | 1.34075503 | 2.46714616 |
| s4 | non   | one     | AA | 0.88 | 1.17498679 | 2.65077782 |
| s4 | non   | two     | AA | 0.83 | 0.95416525 | 1.90833051 |
| s4 | non   | control | BA | 0.13 | -1.1263911 |            |
| s4 | non   | one     | BA | 0.07 | -1.475791  |            |
| s4 | non   | two     | BA | 0.17 | -0.9541653 |            |
| s5 | local | control | AA | 0.96 | 1.75068607 | 3.2264771  |
| s5 | local | one     | AA | 0.77 | 0.73884685 | 1.6930121  |
| s5 | local | two     | AA | 0.5  | 0          | 0.55338472 |
| s5 | local | control | BA | 0.07 | -1.475791  |            |
| s5 | local | one     | BA | 0.17 | -0.9541653 |            |
| s5 | local | two     | BA | 0.29 | -0.5533847 |            |
| s5 | non   | control | AA | 0.91 | 1.34075503 | 2.68151007 |
| s5 | non   | one     | AA | 0.9  | 1.28155157 | 2.15944786 |

|    |       |         |    |      |            |            |
|----|-------|---------|----|------|------------|------------|
| s5 | non   | two     | AA | 0.65 | 0.38532047 | 1.37977835 |
| s5 | non   | control | BA | 0.09 | -1.340755  |            |
| s5 | non   | one     | BA | 0.19 | -0.8778963 |            |
| s5 | non   | two     | BA | 0.16 | -0.9944579 |            |
| s6 | local | control | AA | 0.99 | 2.32634787 | 3.36278126 |
| s6 | local | one     | AA | 0.95 | 1.64485363 | 2.59901888 |
| s6 | local | two     | AA | 0.57 | 0.17637416 | 0.78918716 |
| s6 | local | control | BA | 0.15 | -1.0364334 |            |
| s6 | local | one     | BA | 0.17 | -0.9541653 |            |
| s6 | local | two     | BA | 0.27 | -0.612813  |            |
| s6 | non   | control | AA | 0.85 | 1.03643339 | 2.11675273 |
| s6 | non   | one     | AA | 0.83 | 0.95416525 | 1.90833051 |
| s6 | non   | two     | AA | 0.75 | 0.67448975 | 1.0063431  |
| s6 | non   | control | BA | 0.14 | -1.0803193 |            |
| s6 | non   | one     | BA | 0.17 | -0.9541653 |            |
| s6 | non   | two     | BA | 0.37 | -0.3318533 |            |
| s7 | local | control | AA | 0.96 | 1.75068607 | 3.3955397  |
| s7 | local | one     | AA | 0.99 | 2.32634787 | 3.50133467 |
| s7 | local | two     | AA | 0.81 | 0.8778963  | 2.52274992 |
| s7 | local | control | BA | 0.05 | -1.6448536 |            |
| s7 | local | one     | BA | 0.12 | -1.1749868 |            |
| s7 | local | two     | BA | 0.05 | -1.6448536 |            |
| s7 | non   | control | AA | 0.99 | 2.32634787 | 4.65269575 |
| s7 | non   | one     | AA | 0.81 | 0.8778963  | 3.20424417 |
| s7 | non   | two     | AA | 0.79 | 0.80642125 | -0.1880366 |
| s7 | non   | control | BA | 0.01 | -2.3263479 |            |
| s7 | non   | one     | BA | 0.01 | -2.3263479 |            |
| s7 | non   | two     | BA | 0.84 | 0.99445788 |            |
| s8 | local | control | AA | 0.99 | 2.32634787 | 4.65269575 |
| s8 | local | one     | AA | 0.91 | 1.34075503 | 3.66710291 |
| s8 | local | two     | AA | 0.82 | 0.91536509 | 2.32043665 |
| s8 | local | control | BA | 0.01 | -2.3263479 |            |
| s8 | local | one     | BA | 0.01 | -2.3263479 |            |
| s8 | local | two     | BA | 0.08 | -1.4050716 |            |
| s8 | non   | control | AA | 0.91 | 1.34075503 | 3.66710291 |
| s8 | non   | one     | AA | 0.88 | 1.17498679 | 3.50133467 |
| s8 | non   | two     | AA | 0.92 | 1.40507156 | 3.73141943 |
| s8 | non   | control | BA | 0.01 | -2.3263479 |            |
| s8 | non   | one     | BA | 0.01 | -2.3263479 |            |
| s8 | non   | two     | BA | 0.01 | -2.3263479 |            |
| s9 | local | control | AA | 0.99 | 2.32634787 | 4.65269575 |
| s9 | local | one     | AA | 0.9  | 1.28155157 | 3.03223764 |
| s9 | local | two     | AA | 0.93 | 1.47579103 | 3.8021389  |

|     |       |         |    |      |            |            |
|-----|-------|---------|----|------|------------|------------|
| s9  | local | control | BA | 0.01 | -2.3263479 |            |
| s9  | local | one     | BA | 0.04 | -1.7506861 |            |
| s9  | local | two     | BA | 0.01 | -2.3263479 |            |
| s9  | non   | control | AA | 0.88 | 1.17498679 | 3.50133467 |
| s9  | non   | one     | AA | 0.96 | 1.75068607 | 3.3955397  |
| s9  | non   | two     | AA | 0.99 | 2.32634787 | 3.66710291 |
| s9  | non   | control | BA | 0.01 | -2.3263479 |            |
| s9  | non   | one     | BA | 0.05 | -1.6448536 |            |
| s9  | non   | two     | BA | 0.09 | -1.340755  |            |
| s17 | local | control | AA | 0.79 | 0.80642125 | 3.13276912 |
| s17 | local | one     | AA | 0.96 | 1.75068607 | 3.15575763 |
| s17 | local | two     | AA | 0.86 | 1.08031934 | 3.40666721 |
| s17 | local | control | BA | 0.01 | -2.3263479 |            |
| s17 | local | one     | BA | 0.08 | -1.4050716 |            |
| s17 | local | two     | BA | 0.01 | -2.3263479 |            |
| s17 | non   | control | AA | 0.99 | 2.32634787 | 4.65269575 |
| s17 | non   | one     | AA | 0.9  | 1.28155157 | 2.6223066  |
| s17 | non   | two     | AA | 0.96 | 1.75068607 | 4.07703395 |
| s17 | non   | control | BA | 0.01 | -2.3263479 |            |
| s17 | non   | one     | BA | 0.09 | -1.340755  |            |
| s17 | non   | two     | BA | 0.01 | -2.3263479 |            |
| s18 | local | control | AA | 0.74 | 0.64334541 | 2.96969328 |
| s18 | local | one     | AA | 0.95 | 1.64485363 | 3.9712015  |
| s18 | local | two     | AA | 0.54 | 0.10043372 | 2.42678159 |
| s18 | local | control | BA | 0.01 | -2.3263479 |            |
| s18 | local | one     | BA | 0.01 | -2.3263479 |            |
| s18 | local | two     | BA | 0.01 | -2.3263479 |            |
| s18 | non   | control | AA | 0.99 | 2.32634787 | 4.65269575 |
| s18 | non   | one     | AA | 0.95 | 1.64485363 | 3.9712015  |
| s18 | non   | two     | AA | 0.96 | 1.75068607 | 4.07703395 |
| s18 | non   | control | BA | 0.01 | -2.3263479 |            |
| s18 | non   | one     | BA | 0.01 | -2.3263479 |            |
| s18 | non   | two     | BA | 0.01 | -2.3263479 |            |
| s19 | local | control | AA | 0.87 | 1.12639113 | 3.452739   |
| s19 | local | one     | AA | 0.8  | 0.84162123 | 3.16796911 |
| s19 | local | two     | AA | 0.88 | 1.17498679 | 3.50133467 |
| s19 | local | control | BA | 0.01 | -2.3263479 |            |
| s19 | local | one     | BA | 0.01 | -2.3263479 |            |
| s19 | local | two     | BA | 0.01 | -2.3263479 |            |
| s19 | non   | control | AA | 0.99 | 2.32634787 | 4.65269575 |
| s19 | non   | one     | AA | 0.95 | 1.64485363 | 3.9712015  |
| s19 | non   | two     | AA | 0.92 | 1.40507156 | 3.15575763 |
| s19 | non   | control | BA | 0.01 | -2.3263479 |            |

|     |       |         |    |      |            |            |
|-----|-------|---------|----|------|------------|------------|
| s19 | non   | one     | BA | 0.01 | -2.3263479 |            |
| s19 | non   | two     | BA | 0.04 | -1.7506861 |            |
| s20 | local | control | AA | 0.89 | 1.22652812 | 2.56728315 |
| s20 | local | one     | AA | 0.96 | 1.75068607 | 2.83100541 |
| s20 | local | two     | AA | 0.88 | 1.17498679 | 2.58005835 |
| s20 | local | control | BA | 0.09 | -1.340755  |            |
| s20 | local | one     | BA | 0.14 | -1.0803193 |            |
| s20 | local | two     | BA | 0.08 | -1.4050716 |            |
| s20 | non   | control | AA | 0.93 | 1.47579103 | 3.8021389  |
| s20 | non   | one     | AA | 0.95 | 1.64485363 | 3.3955397  |
| s20 | non   | two     | AA | 0.75 | 0.67448975 | 2.31934338 |
| s20 | non   | control | BA | 0.01 | -2.3263479 |            |
| s20 | non   | one     | BA | 0.04 | -1.7506861 |            |
| s20 | non   | two     | BA | 0.05 | -1.6448536 |            |
| s21 | local | control | AA | 0.84 | 0.99445788 | 3.32080576 |
| s21 | local | one     | AA | 0.68 | 0.4676988  | 2.79404667 |
| s21 | local | two     | AA | 0.65 | 0.38532047 | 2.13600654 |
| s21 | local | control | BA | 0.01 | -2.3263479 |            |
| s21 | local | one     | BA | 0.01 | -2.3263479 |            |
| s21 | local | two     | BA | 0.04 | -1.7506861 |            |
| s21 | non   | control | AA | 0.84 | 0.99445788 | 1.83607912 |
| s21 | non   | one     | AA | 0.85 | 1.03643339 | 2.44150495 |
| s21 | non   | two     | AA | 0.58 | 0.20189348 | 1.54264851 |
| s21 | non   | control | BA | 0.2  | -0.8416212 |            |
| s21 | non   | one     | BA | 0.08 | -1.4050716 |            |
| s21 | non   | two     | BA | 0.09 | -1.340755  |            |
| s22 | local | control | AA | 0.95 | 1.64485363 | 2.98560866 |
| s22 | local | one     | AA | 0.82 | 0.91536509 | 3.24171296 |
| s22 | local | two     | AA | 0.74 | 0.64334541 | 2.39403148 |
| s22 | local | control | BA | 0.09 | -1.340755  |            |
| s22 | local | one     | BA | 0.01 | -2.3263479 |            |
| s22 | local | two     | BA | 0.04 | -1.7506861 |            |
| s22 | non   | control | AA | 0.79 | 0.80642125 | 2.21149281 |
| s22 | non   | one     | AA | 0.78 | 0.77219321 | 1.72635847 |
| s22 | non   | two     | AA | 0.56 | 0.15096922 | 1.27736034 |
| s22 | non   | control | BA | 0.08 | -1.4050716 |            |
| s22 | non   | one     | BA | 0.17 | -0.9541653 |            |
| s22 | non   | two     | BA | 0.13 | -1.1263911 |            |