

===== Log file: LRs per locus =====
===== Input files =====

SAMPLE FILE:

F:/Traccia I.csv

SUSPECT FILE:

F:/RHG.csv

VICTIM FILE:

SELECTED LOCI:

D3S1358 D19S433 D2S1338 D16S539 D18S51 TH01 vWA D21S11 D8S1179 FGA

SELECTED REPLICATES:

TracciaIR1 TracciaIR2

===== User parameters =====

Drop-out value: 0.5

Drop-in value: 0.05

Theta value: 0.01

Unknowns under Hp: 1

Unknowns under Hd: 2

===== Hypotheses =====

Under Hp: RHG + 1 unknown(s)

Under Hd: 2 unknown(s)

===== Log10(LR) vs. Pr(D) =====

Locus Pr(E|Hp) Pr(E|Hd) LR log(LR)

D3S1358 8.431e-07 3.228e-05 0.02612 -1.583

D19S433 9.048e-07 4.838e-06 0.187 -0.7281

D2S1338 2.954e-05 0.0004227 0.06987 -1.156

D16S539 0.003081 0.006889 0.4472 -0.3495

D18S51 4.444e-05 5.335e-05 0.8329 -0.07939

TH01 0.0001733 0.0001639 1.057 0.02427

vWA 6.377e-08 1.405e-05 0.004537 -2.343

D21S11 0.002836 0.001902 1.491 0.1736

D8S1179 7.457e-08 2.363e-05 0.003156 -2.501

FGA 3.496e-07 5.472e-06 0.06389 -1.195

product 2.521e-51 1.374e-41 1.835e-10 -9.736

===== Log file: Sensitivity analysis =====

===== Input files =====

SAMPLE FILE:

F:/Traccia I.csv

SUSPECT FILE:

F:/RHG.csv

VICTIM FILE:

SELECTED LOCI:

D3S1358 D19S433 D2S1338 D16S539 D18S51 TH01 vWA D21S11 D8S1179 FGA

SELECTED REPLICATES:

TracciaIR1 TracciaIR2

===== User parameters =====

Drop-in value: 0.05

Theta value: 0.01

Unknowns under Hp: 1

Unknowns under Hd: 2

===== Hypotheses =====

Under Hp: RHG + 1 unknown(s)

Under Hd: 2 unknown(s)

===== Drop-out ranges: under Hp =====

5% percentile 0.22

95% percentile 0.53

===== Drop-out ranges: under Hd =====

5% percentile 0.22

95% percentile 0.47

===== Likelihoods & likelihood ratios =====

Pr(D) Pr(E|Hp) Pr(E|Hd) LR log10(LR)

0.01 6.208e-96 3.573e-55 1.737e-41 -40.76

0.062 3.336e-71 5.382e-47 6.199e-25 -24.21

0.11 9.383e-64 2.768e-44 3.39e-20 -19.47

0.16 3.043e-59 1.267e-42 2.401e-17 -16.62

0.22 8.131e-56 2.103e-41 3.866e-15 -14.41

0.27 6.334e-54 8.263e-41 7.666e-14 -13.12

0.32 1.253e-52 1.625e-40 7.708e-13 -12.11

0.37 8.589e-52 1.736e-40 4.946e-12 -11.31

0.42 2.43e-51 1.041e-40 2.334e-11 -10.63

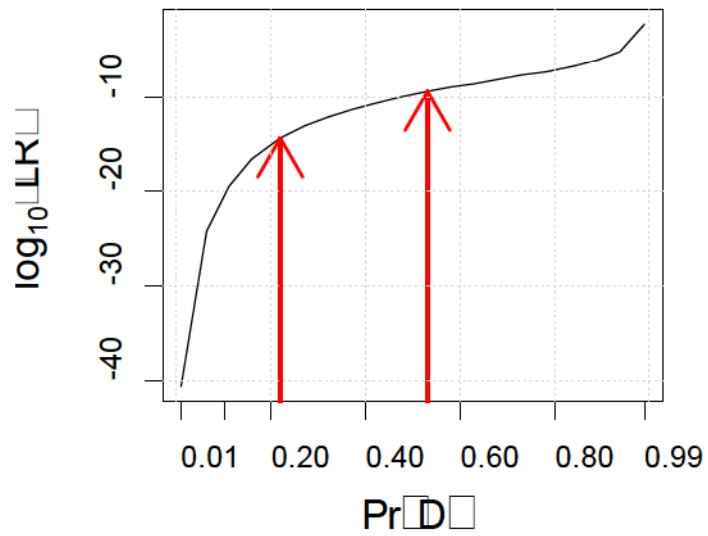
0.47 3.118e-51 3.512e-41 8.878e-11 -10.05
0.53 1.557e-51 4.289e-42 3.63e-10 -9.44
0.58 3.756e-52 3.569e-43 1.052e-09 -8.978
0.63 3.944e-53 1.373e-44 2.873e-09 -8.542
0.68 1.59e-54 2.086e-46 7.621e-09 -8.118
0.73 1.984e-56 9.773e-49 2.03e-08 -7.692
0.78 5.306e-59 9.386e-52 5.653e-08 -7.248
0.84 2.126e-63 9.516e-57 2.234e-07 -6.651
0.89 6.321e-69 6.859e-63 9.217e-07 -6.035
0.94 3.967e-78 5.262e-73 7.539e-06 -5.123
0.99 7.772e-102 1.051e-99 0.007393 -2.131

"quantile"	"value"
"min"	"-17.0909"
"0.01"	"-16.4149"
"0.05"	"-14.6529"
"0.5"	"-9.7429"
"0.95"	"-3.9877"
"0.99"	"-2.0723"
"max"	"-1.7444"

Traccia I vs RHG

Popolazione afro-americana

LR vs. probability of



Empirical distributio

