

===== Log file: LRs per locus =====

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

SAMPLE FILE:

C:/Users/809157br/Desktop/Analisi statistica/Traccia I.csv

SUSPECT FILE:

C:/Users/809157br/Desktop/Analisi statistica/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 2.429e-06 7.46e-05 0.03256 -1.487

D19S433 5.964e-06 3.304e-05 0.1805 -0.7435

D2S1338 7.266e-05 0.001381 0.05261 -1.279

D16S539 0.001601 0.003409 0.4697 -0.3282

D18S51 0.0001044 0.0003613 0.2889 -0.5393

TH01 0.0001932 9.596e-05 2.014 0.304

vWA 1.105e-07 2.449e-05 0.004511 -2.346

D21S11 0.002617 0.001901 1.377 0.1388

D8S1179 1.554e-07 5.443e-05 0.002855 -2.544

FGA 5.415e-06 7.249e-05 0.0747 -1.127

product 8.267e-48 7.387e-38 1.119e-10 -9.951

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

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

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SUSPECT FILE:

C:/Users/809157br/Desktop/Analisi statistica/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 0.53

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

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

0.01 2.391e-92 1.118e-50 2.138e-42 -41.67

0.062 1.109e-67 9.129e-43 1.215e-25 -24.92

0.11 3.062e-60 3.662e-40 8.363e-21 -20.08

0.16 9.859e-56 1.366e-38 7.22e-18 -17.14

0.22 2.627e-52 1.861e-37 1.411e-15 -14.85

0.27 2.046e-50 6.408e-37 3.193e-14 -13.5

0.32 4.054e-49 1.131e-36 3.584e-13 -12.45

0.37 2.786e-48 1.105e-36 2.522e-12 -11.6

0.42 7.91e-48 6.15e-37 1.286e-11 -10.89

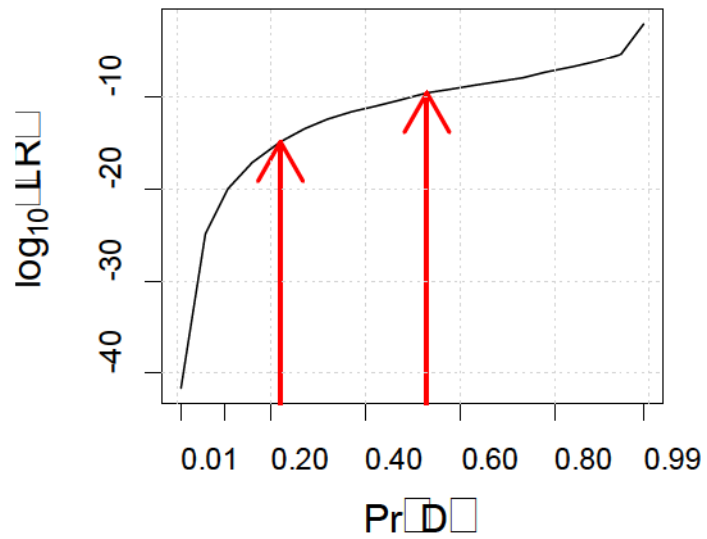
0.47 1.019e-47 1.949e-37 5.229e-11 -10.28
0.53 5.121e-48 2.24e-38 2.286e-10 -9.641
0.58 1.244e-48 1.789e-39 6.955e-10 -9.158
0.63 1.317e-49 6.654e-41 1.98e-09 -8.703
0.68 5.366e-51 9.847e-43 5.449e-09 -8.264
0.73 6.793e-53 4.527e-45 1.5e-08 -7.824
0.78 1.853e-55 4.305e-48 4.305e-08 -7.366
0.84 7.727e-60 4.387e-53 1.762e-07 -6.754
0.89 2.454e-65 3.266e-59 7.513e-07 -6.124
0.94 1.848e-74 2.808e-69 6.583e-06 -5.182
0.99 1.829e-97 1.654e-95 0.01106 -1.956

"quantile"	"value"
"min"	"-17.3456"
"0.01"	"-16.8732"
"0.05"	"-14.3477"
"0.5"	"-9.4096"
"0.95"	"-4.1826"
"0.99"	"-3.3819"
"max"	"0.5414"

Traccia I vs RHG

Popolazione caucasica

LR vs. probability c



Empirical distribuiti

