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

SAMPLE FILE:

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

SUSPECT FILE:

C:/Users/809157br/Desktop/AMK.csv

VICTIM FILE:

SELECTED LOCI:

D3S1358 D19S433 D2S1338 D16S539 D18S51 TH01 vWA D21S11 D8S1179 FGA

SELECTED REPLICATES:

TracciaIR1 TracciaIR2

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

Drop-out value: 0.5

Drop-in value: 0.05

Theta value: 0.01

Unknowns under Hp: 1

Unknowns under Hd: 2

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===== Hypotheses =====

Under Hp: AMK + 1 unknown(s)

Under Hd: 2 unknown(s)

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

Locus	Pr(E Hp)	Pr(E Hd)	LR	log(LR)
D3S1358	0.0001826	7.921e-05	2.305	0.3626
D19S433	0.001102	5.389e-05	20.44	1.311
D2S1338	0.02609	0.001801	14.49	1.161
D16S539	0.03559	0.003964	8.979	0.9532
D18S51	0.003175	0.0004112	7.722	0.8877
TH01	0.0003162	9.875e-05	3.202	0.5055
vWA	4.662e-05	2.757e-05	1.691	0.2282
D21S11	0.005345	0.001886	2.834	0.4524
D8S1179	0.001153	7.399e-05	15.59	1.193
FGA	0.0005492	8.867e-05	6.194	0.792
product	2.96e-29	4.22e-37	70130000	7.846

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

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

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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

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Unknowns under Hp: 1

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===== Hypotheses =====

Under Hp: AMK + 1 unknown(s)

Under Hd: 2 unknown(s)

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

5% percentile 0.22

95% percentile 0.47

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

5% percentile 0.16

95% percentile 0.47

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

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

0.01 4.56e-40 1.064e-49 4.287e+09 9.632

0.062 9.094e-33 7.615e-42 1.194e+09 9.077

0.11 2.214e-30 2.898e-39 763800000 8.883

0.16 5.355e-29 1.025e-37 522500000 8.718

0.22 4.475e-28 1.312e-36 3.41e+08 8.533

0.27 1.048e-27 4.305e-36 243500000 8.387

0.32 1.292e-27 7.274e-36 177600000 8.249

0.37 9.069e-28 6.834e-36 132700000 8.123

0.42 3.741e-28 3.678e-36 101700000 8.007

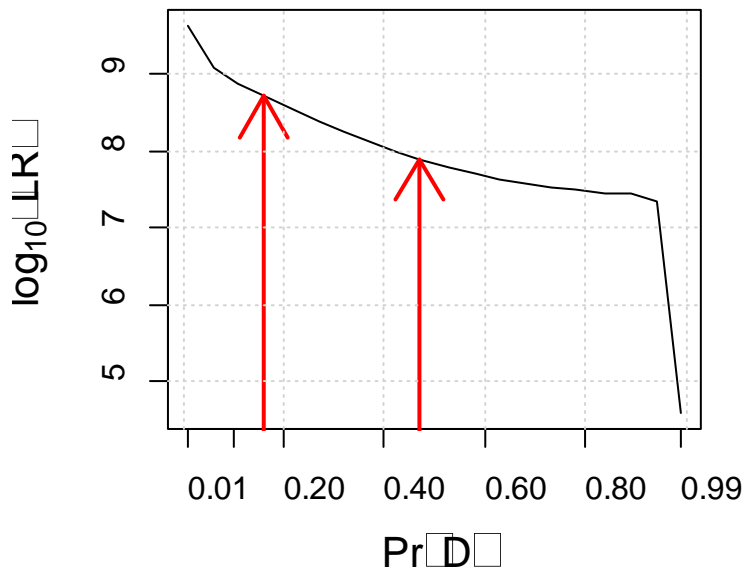
0.47 9.055e-29 1.132e-36 80020000 7.903
0.53 7.819e-30 1.261e-37 62020000 7.793
0.58 5.074e-31 9.85e-39 51510000 7.712
0.63 1.574e-32 3.593e-40 43810000 7.642
0.68 1.993e-34 5.226e-42 38140000 7.581
0.73 8.047e-37 2.366e-44 34010000 7.532
0.78 6.896e-40 2.219e-47 31080000 7.493
0.84 6.408e-45 2.224e-52 28810000 7.46
0.89 4.449e-51 1.628e-58 27320000 7.437
0.94 3.02e-61 1.35e-68 22370000 7.35
0.99 1.943e-90 4.925e-95 39460 4.596

"quantile"	"value"
"min"	"-18.8034"
"0.01"	"-16.9353"
"0.05"	"-15.0142"
"0.5"	"-10.057"
"0.95"	"-4.8806"
"0.99"	"-3.548"
"max"	"-2.2367"

Traccia I vs AMK

[Pr(D) = 0.5]

LR vs. probability c



Empirical distributi

