

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

SAMPLE FILE:

C:/Users/Filippo/Desktop/Traccia I.csv

SUSPECT FILE:

C:/Users/Filippo/Desktop/RS.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: RS + 1 unknown(s)

Under Hd: 2 unknown(s)

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

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

D3S1358 1.188e-06 7.416e-05 0.01602 -1.795

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 0.0001818 0.0003755 0.4842 -0.3149

TH01 1.832e-06 9.129e-05 0.02007 -1.697

vWA 0.0004548 0.0001233 3.689 0.5669

D21S11 2.778e-06 0.001684 0.001649 -2.783

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

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

product 2.919e-49 3.239e-37 9.011e-13 -12.05

===== Log file: Sensitivity analysis =====
===== Input files =====

SAMPLE FILE:
C:/Users/Filippo/Desktop/Traccia I.csv

SUSPECT FILE:
C:/Users/Filippo/Desktop/RS.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: RS + 1 unknown(s)
Under Hd: 2 unknown(s)

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

5% percentile 0.27
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	1.955e-99	3.657e-50	5.345e-50	-49.27
0.062	6.147e-72	3.821e-42	1.609e-30	-29.79
0.11	1.047e-63	1.577e-39	6.64e-25	-24.18
0.16	1.065e-58	5.948e-38	1.79e-21	-20.75
0.22	7.422e-55	8.162e-37	9.094e-19	-18.04
0.27	1.07e-52	2.818e-36	3.796e-17	-16.42
0.32	3.538e-51	4.981e-36	7.104e-16	-15.15
0.37	3.786e-50	4.865e-36	7.782e-15	-14.11
0.42	1.594e-49	2.706e-36	5.888e-14	-13.23

0.47 2.939e-49 8.561e-37 3.432e-13 -12.46
0.53 2.198e-49 9.8e-38 2.243e-12 -11.65
0.58 7.313e-50 7.791e-39 9.387e-12 -11.03
0.63 1.051e-50 2.879e-40 3.651e-11 -10.44
0.68 5.808e-52 4.224e-42 1.375e-10 -9.862
0.73 1.004e-53 1.918e-44 5.234e-10 -9.281
0.78 3.808e-56 1.792e-47 2.125e-09 -8.673
0.84 2.48e-60 1.764e-52 1.406e-08 -7.852
0.89 1.253e-65 1.247e-58 1.005e-07 -6.998
0.94 1.902e-74 9.609e-69 1.979e-06 -5.704
0.99 1.724e-96 3.943e-95 0.04372 -1.359

"quantile"	"value"
"min"	"-16.6872"
"0.01"	"-16.3281"
"0.05"	"-14.9885"
"0.5"	"-10.0362"
"0.95"	"-4.436"
"0.99"	"-2.4257"
"max"	"-2.2406"

Traccia I vs RS

