

Executive Summary: Likelihood Ratio Statistics for Analysis of Single Source, Mixed and Degraded Evidence Samples – NYC OCME’s Forensic Statistical Tool (Validation Study)(2011)

Table 4A. Frequency of observed LR’s among non-contributors to two-person samples

Observed frequency (1 in x):

LR greater than:	Deducible	Non-Deducible
0.001	270	900
0.01	580	2,000
0.10	1,500	4,800
1	5,000	10,000
10	16,000	19,000
100	55,000	176,000
1,000	> 166,000	> 176,000
10,000	> 166,000	> 176,000

Table 4B. Frequency of observed LR’s among non-contributors to three-person samples

Observed frequency (1 in x):

LR greater than:	Deducible	Non-Deducible
0.001	80	300
0.01	170	610
0	410	1,300
1	1,200	3,100
10	4,400	7,600
100	13,000	40,000
1,000	31,000	60,000
10,000	> 93,000	121,000