

How to use these table sets:

1. Record observations of the dental traits listed in table 3 of Edgar HJH.

Prediction of social race category. J Forensic Sci n.d.. The traits should be score as present, absent, or unobservable, according to the breakpoints also listed in table 3.

2. Compare the scores with table sets A, B, C, and D. The number of individuals with with the observed trait combinations are listed after “AA” (African Americans) and “EA” (European Americans). Table set A provides the frequency of each individual trait in the samples. Table sets B, C, and D provide probabilities of presence and absence combinations for two, three, and four trait combinations, respectively. In the tables, “0” refers to a trait observed to be absent, and “1” refers to a trait observed to be present. For each comparison that can be made, record the probability that the individual would be classified in each race. Also, record whether the probability given is a Bayesian probability (RP) or a logistic regression probability (LP). Probabilities computed by logistic regression are preferable, but are not always computable.

3. Choose an acceptable level of probability (I used 85.0%) and note the race assigned by each result above that level. The determination of social race affiliation should be based on these probabilities.

UCTD	0	1	total
AA	16	83	99
EA	74	67	141
total	90	150	240
AA BP	0.18	0.55	
EA BP	0.82	0.45	

LM2C5	0	1	total
AA	33	48	81
EA	106	26	132
total	139	74	213
AA BP	0.24	0.65	
EA BP	0.76	0.35	

LaPCV	0	1	total
AA	11	90	101
EA	133	16	149
total	144	106	250
AA BP	0.08	0.85	
EA BP	0.92	0.15	

LM3C5	0	1	total
AA	1	7	8
EA	3	1	4
TOT	4	8	12
AA BP	0.25	0.88	
EA BP	0.75	0.12	

LpPCV	0	1	total
AA	4	102	106
EA	31	119	150
total	35	221	256
AA BP	0.11	0.46	
EA BP	0.89	0.54	

LM1C7	0	1	total
AA	57	47	104
EA	125	21	146
total	182	68	250
AA BP	0.31	0.69	
EA BP	0.69	0.31	

LM1DW	0	1	total
AA	48	42	90
EA	107	31	138
total	155	73	228
AA BP	0.31	0.58	
EA BP	0.69	0.42	

LM1TC	0	1	total
AA	70	13	83
EA	124	1	125
total	194	14	208
AA BP	0.36	0.93	
EA BP	0.64	0.07	

Table set A. Single trait forensic probabilities.

UCTD	0		1		
LaPCV	0	1	0	1	total
AA	2	12	8	70	92
EA	67	5	54	11	137
total	69	17	62	81	229
AA BP	0.03	0.71	0.13	0.86	
EA BP	0.97	0.29	0.87	0.14	
AA RP	0.03	0.75	0.13	0.86	
EA RP	0.97	0.25	0.87	0.14	

UCTD	0		1		
LpPCV	0	1	0	1	total
AA	1	15	3	78	97
EA	20	53	10	54	137
total	21	68	13	132	234
AA BP	0.05	0.22	0.23	0.59	
EA BP	0.95	0.78	0.77	0.41	
AA RP	0.03	0.24	0.36	0.57	
EA RP	0.97	0.76	0.64	0.43	

UCTD	0		1		
LM1DW	0	1	0	1	total
AA	6	6	36	34	82
EA	51	15	45	14	125
total	57	21	81	48	207
AA BP	0.11	0.29	0.44	0.71	
EA BP	0.89	0.71	0.56	0.29	
AA RP	0.10	0.33	0.46	0.69	
EA RP	0.90	0.67	0.54	0.31	

UCTD	0		1		
LM1TC	0	1	0	1	total
AA	9	1	54	12	76
EA	61	0	50	1	112
total	70	1	104	13	188
AA BP	0.13	1.00	0.52	0.92	
EA BP	0.87	0.00	0.48	0.08	

Continued.

Table set B. Two trait forensic probabilities.

Table set B. Continued.

UCTD	0		1		
LM2C5	0	1	0	1	total
AA	6	6	23	38	73
EA	0	1	1	6	8
total	6	7	24	44	81
AA BP	1.00	0.86	0.96	0.86	
EA BP	0.00	0.14	0.04	0.14	

UCTD	0		1		
LM3C5	0	1	0	1	total
AA	52	17	48	7	124
EA	1	0	2	1	4
total	53	17	50	8	128
AA BP	0.98	1.00	0.96	0.88	
EA BP	0.02	0.00	0.04	0.13	

UCTD	0		1		
LM1C7	0	1	0	1	total
AA	10	4	44	35	93
EA	62	7	52	12	133
total	72	11	96	47	226
AA BP	0.14	0.36	0.46	0.74	
EA BP	0.86	0.64	0.54	0.26	
AA RP	0.13	0.41	0.46	0.74	
EA RP	0.87	0.59	0.54	0.26	

LaPCV	0		1		
LM1DW	0	1	0	1	total
AA	6	2	37	39	84
EA	91	27	11	3	132
total	97	29	48	42	216
AA BP	0.06	0.07	0.77	0.93	
EA BP	0.94	0.93	0.23	0.07	
AA RP	0.05	0.11	0.84	0.90	
EA RP	0.95	0.89	0.16	0.10	

Continued.

Table set B. Continued.

LaPCV	0		1		
LpPCV	0	1	0	1	total
AA	2	9	2	85	98
EA	29	101	1	14	145
total	31	110	3	99	243
AA BP	0.06	0.08	0.67	0.86	
EA BP	0.94	0.92	0.33	0.14	
AA RP	0.06	0.08	0.83	0.86	
EA RP	0.94	0.92	0.17	0.14	

LaPCV	0		1		
LM2C5	0	1	0	1	total
AA	4	5	26	41	76
EA	89	22	13	3	127
total	93	27	39	44	203
AA BP	0.04	0.19	0.67	0.93	
EA BP	0.96	0.81	0.33	0.07	
AA RP	0.04	0.24	0.72	0.92	
EA RP	0.96	0.76	0.28	0.08	

LaPCV	0		1		
LM1TC	0	1	0	1	total
AA	8	0	59	12	79
EA	108	0	12	0	120
total	116	0	71	12	199
AA BP	0.07		0.83	1.00	
EA BP	0.93		0.17	0.00	

LaPCV	0		1		
LM1C7	0	1	0	1	total
AA	6	5	47	38	96
EA	110	15	11	5	141
total	116	20	58	43	237
AA BP	0.05	0.25	0.81	0.88	
EA BP	0.95	0.75	0.19	0.12	
AA RP	0.05	0.17	0.79	0.90	
EA RP	0.95	0.83	0.21	0.10	

Continued.

Table set B. Continued.

LpPCV	0		1		
LM1TC	0	1	0	1	total
AA	3	0	64	12	79
EA	26	0	93	1	120
total	29	0	157	13	199
AA BP	0.10		0.41	0.92	
EA BP	0.90		0.59	0.08	

LpPCV	0		1		
LM1DW	0	1	0	1	total
AA	2	1	43	40	86
EA	22	6	80	25	133
total	24	7	123	65	219
AA BP	0.08	0.14	0.35	0.62	
EA BP	0.92	0.86	0.65	0.38	
AA RP	0.06	0.28	0.36	0.59	
EA RP	0.94	0.72	0.64	0.41	

LpPCV	0		1		
LM2C5	0	1	0	1	total
AA	3	1	29	46	79
EA	23	4	81	21	129
total	26	5	110	67	208
AA BP	0.12	0.20	0.26	0.69	
EA BP	0.88	0.80	0.74	0.31	
AA RP	0.08	0.28	0.47	0.66	
EA RP	0.92	0.72	0.53	0.34	

LpPCV	0		1		
LM1C7	0	1	0	1	total
AA	3	0	53	44	100
EA	26	1	95	20	142
total	29	1	148	64	242
AA BP	0.10	0.00	0.36	0.69	
EA BP	0.90	1.00	0.64	0.31	

Continued.

Table set B. Continued.

LM1DW	0		1		
LM2C5	0	1	0	1	total
AA	16	16	12	20	64
EA	76	16	19	7	118
total	92	32	31	27	182
AA BP	0.17	0.50	0.39	0.74	
EA BP	0.83	0.50	0.61	0.26	
AA RP	0.17	0.40	0.51	0.73	
EA RP	0.83	0.60	0.49	0.27	

LM1DW	0		1		
LM1TC	0	1	0	1	total
AA	40	2	30	11	83
EA	92	0	28	1	121
total	132	2	58	12	204
AA BP	0.30	1.00	0.52	0.92	
EA BP	0.70	0.00	0.48	0.08	

LM1DW	0		1		
LM1C7	0	1	0	1	total
AA	25	23	24	18	90
EA	90	12	22	8	132
total	115	35	46	26	222
AA BP	0.22	0.66	0.52	0.69	
EA BP	0.78	0.34	0.48	0.31	
AA RP	0.24	0.45	0.58	0.80	
EA RP	0.76	0.55	0.42	0.20	

LM1TC	0		1		
LM2C5	0	1	0	1	total
AA	23	26	3	8	60
EA	83	21	1	0	105
total	106	47	4	8	165
AA BP	0.22	0.55	0.75	1.00	
EA BP	0.78	0.45	0.25	0.00	

Continued.

Table set B. Continued.

LM1TC	0		1		
LM2C5	0	1	0	1	total
AA	23	26	3	8	60
EA	83	21	1	0	105
total	106	47	4	8	165
AA BP	0.22	0.55	0.75	1.00	
EA BP	0.78	0.45	0.25	0.00	

LM1TC	0		1		
LM1C7	0	1	0	1	total
AA	37	33	9	4	83
EA	102	17	1	0	120
total	139	50	10	4	203
AA BP	0.27	0.66	0.90	1.00	
EA BP	0.73	0.34	0.10	0.00	

LM2C5	0		1		
LM1C7	0	1	0	1	total
AA	18	13	26	19	76
EA	86	14	22	3	125
total	104	27	48	22	201
AA BP	0.17	0.48	0.54	0.86	
EA BP	0.83	0.52	0.46	0.14	
AA RP	0.17	0.49	0.55	0.86	
EA RP	0.83	0.51	0.45	0.14	

UCTD	0				1				
LaPCV	0		1		0		1		
LpPCV	0	1	0	1	0	1	0	1	total
AA	1	1	0	12	1	7	2	66	90
EA	19	47	0	5	9	43	1	9	133
total	20	48	0	17	10	50	3	75	223
AA BP	0.05	0.02		0.71	0.10	0.14	0.67	0.88	
EA BP	0.95	0.98		0.29	0.90	0.86	0.33	0.12	

UCTD	0				1				
LaPCV	0		1		0		1		
LM1DW	0	1	0	1	0	1	0	1	total
AA	0	1	5	5	5	1	29	32	78
EA	46	14	3	1	36	11	8	2	121
total	46	15	8	6	41	12	37	34	199
AA BP	0.00	0.07	0.62	0.83	0.12	0.08	0.78	0.94	
EA BP	1.00	0.93	0.38	0.17	0.88	0.92	0.22	0.06	

UCTD	0				1				
LaPCV	0		1		0		1		
LM1TC	0	1	0	1	0	1	0	1	total
AA	1	0	8	1	6	0	47	11	74
EA	55	0	4	0	42	0	8	0	109
total	56	0	12	1	48	0	55	11	183
AA BP	0.02		0.67	1.00	0.12		0.85	1.00	
EA BP	0.98		0.33	0.00	0.88		0.15	0.00	

UCTD	0				1				
LaPCV	0		1		0		1		
LM2C5	0	1	0	1	0	1	0	1	total
AA	1	1	5	4	3	3	18	34	69
EA	47	15	4	1	37	5	9	2	120
total	48	16	9	5	40	8	27	36	189
AA BP	0.02	0.06	0.56	0.80	0.08	0.38	0.67	0.94	
EA BP	0.98	0.94	0.44	0.20	0.93	0.62	0.33	0.06	
AA RP	0.01	0.09	0.60	0.77	0.03	0.22	0.83	0.92	
EA RP	0.99	0.91	0.40	0.23	0.97	0.78	0.17	0.08	

Continued.

Table set C. Three trait forensic probabilities.

Table set C. Continued.

UCTD	0				1				
LaPCV	0		1		0		1		
LM1C7	0	1	0	1	0	1	0	1	total
AA	1	1	9	2	5	3	35	31	87
EA	58	4	3	2	42	9	8	3	129
total	59	5	12	4	47	12	43	34	216
AA BP	0.02	0.20	0.75	0.50	0.11	0.25	0.81	0.91	
EA BP	0.98	0.80	0.25	0.50	0.89	0.75	0.19	0.09	
AA RP	0.02	0.12	0.88	0.50	0.29	0.19	0.81	0.91	
EA RP	0.98	0.89	0.12	0.50	0.71	0.81	0.19	0.09	

UCTD	0				1				
LpPCV	0		1		0		1		
LM1DW	0	1	0	1	0	1	0	1	total
AA	0	1	6	5	2	0	32	34	80
EA	13	4	37	11	8	2	34	12	121
total	13	5	43	16	10	2	66	46	201
AA BP	0.00	0.20	0.14	0.31	0.20	0.00	0.48	0.74	
EA BP	1.00	0.80	0.86	0.69	0.80	1.00	0.52	0.26	

UCTD	0				1				
LpPCV	0		1		0		1		
LM1TC	0	1	0	1	0	1	0	1	total
AA	1	0	8	1	2	0	51	11	74
EA	16	0	44	0	9	0	38	1	108
total	17	0	52	1	11	0	89	12	182
AA BP	0.06		0.15	1.00	0.18		0.57	0.92	
EA BP	0.94		0.85	0.00	0.82		0.43	0.08	

UCTD	0				1				
LpPCV	0		1		0		1		
LM2C5	0	1	0	1	0	1	0	1	total
AA	1	0	5	6	2	1	20	36	71
EA	15	3	37	13	8	1	38	6	121
total	16	3	42	19	10	2	58	42	192
AA BP	0.06	0.00	0.12	0.32	0.20	0.50	0.34	0.86	
EA BP	0.94	1.00	0.88	0.68	0.80	0.50	0.66	0.14	

Continued.

Table set C. Continued.

UCTD	0				1				
LpPCV	0		1		0		1		
LM1C7	0	1	0	1	0	1	0	1	total
AA	1	0	9	4	2	0	41	34	91
EA	17	0	44	7	8	1	41	11	129
total	18	0	53	11	10	1	82	45	220
AA BP	0.06		0.17	0.36	0.20	0.00	0.50	0.76	
EA BP	0.94		0.83	0.64	0.80	1.00	0.50	0.24	

UCTD	0				1				
LM1DW	0		1		0		1		
LM1TC	0	1	0	1	0	1	0	1	total
AA	4	0	5	1	31	2	23	10	76
EA	44	0	14	0	37	0	12	1	108
total	48	0	19	1	68	2	35	11	184
AA BP	0.08		0.26	1.00	0.46	1.00	0.66	0.91	
EA BP	0.92		0.74	0.00	0.54	0.00	0.34	0.09	

UCTD	0				1				
LM1DW	0		1		0		1		
LM2C5	0	1	0	1	0	1	0	1	total
AA	0	3	6	0	13	11	6	20	59
EA	36	11	10	4	35	4	8	3	111
total	36	14	16	4	48	15	14	23	170
AA BP	0.00	0.21	0.38	0.00	0.27	0.73	0.43	0.87	
EA BP	1.00	0.79	0.63	1.00	0.73	0.27	0.57	0.13	

UCTD	0				1				
LM1DW	0		1		0		1		
LM1C7	0	1	0	1	0	1	0	1	total
AA	5	1	4	2	19	17	19	15	82
EA	47	3	10	4	35	7	10	4	120
total	52	4	14	6	54	24	29	19	202
AA BP	0.10	0.25	0.29	0.33	0.35	0.71	0.66	0.79	
EA BP	0.90	0.75	0.71	0.67	0.65	0.29	0.34	0.21	
AA RP	0.09	0.28	0.31	0.41	0.30	0.60	0.63	0.82	
EA RP	0.91	0.72	0.69	0.59	0.60	0.40	0.37	0.18	

Continued.

Table set C. Continued.

UCTD	0				1				
LM1TC	0		1		0		1		
LM2C5	0	1	0	1	0	1	0	1	total
AA	5	2	1	0	16	22	2	8	56
EA	43	14	0	0	34	6	1	0	98
total	48	16	1	0	50	28	3	8	154
AA BP	0.10	0.12	1.00		0.32	0.79	0.67	1.00	
EA BP	0.90	0.88	0.00		0.68	0.21	0.33	0.00	

UCTD	0				1				
LM1TC	0		1		0		1		
LM1C7	0	1	0	1	0	1	0	1	total
AA	7	2	1	0	28	26	8	4	76
EA	53	6	0	0	39	9	1	0	108
total	60	8	1	0	67	35	9	4	184
AA BP	0.12	0.25	1.00		0.42	0.74	0.89	1.00	
EA BP	0.88	0.75	0.00		0.58	0.26	0.11	0.00	

UCTD	0				1				
LM2C5	0		1		0		1		
LM1C7	0	1	0	1	0	1	0	1	total
AA	4	2	3	2	13	8	22	14	68
EA	44	5	15	1	38	7	5	2	117
total	48	7	18	3	51	15	27	16	185
AA BP	0.08	0.29	0.17	0.67	0.25	0.53	0.81	0.88	
EA BP	0.92	0.71	0.83	0.33	0.75	0.47	0.19	0.12	
AA RP	0.05	0.26	0.34	0.63	0.30	0.58	0.67	0.88	
EA RP	0.95	0.74	0.66	0.37	0.70	0.42	0.33	0.12	

LaPCV	0				1				
LpPCV	0		1		0		1		
LM1DW	0	1	0	1	0	1	0	1	total
AA	1	1	5	1	1	0	34	38	81
EA	21	5	67	22	0	1	10	2	128
total	22	6	72	23	1	1	44	40	209
AA BP	0.05	0.17	0.07	0.04	1.00	0.00	0.77	0.95	
EA BP	0.95	0.83	0.93	0.96	0.00	1.00	0.23	0.05	

Continued.

Table set C. Continued.

LaPCV	0				1				
LpPCV	0		1		0		1		
LM1TC	0	1	0	1	0	1	0	1	total
AA	2	0	6	0	1	0	56	11	76
EA	24	0	81	0	1	0	10	0	116
total	26	0	87	0	2	0	66	11	192
AA BP	0.08		0.07		0.50		0.85	1.00	
EA BP	0.92		0.93		0.50		0.15	0.00	

LaPCV	0				1				
LpPCV	0		1		0		1		
LM2C5	0	1	0	1	0	1	0	1	total
AA	2	0	2	5	1	1	24	39	74
EA	22	3	66	18	1	0	11	3	124
total	24	3	68	23	2	1	35	42	198
AA BP	0.08	0.00	0.03	0.22	0.50	1.00	0.69	0.93	
EA BP	0.92	1.00	0.97	0.78	0.50	0.00	0.31	0.07	

LaPCV	0				1				
LpPCV	0		1		0		1		
LM1C7	0	1	0	1	0	1	0	1	total
AA	2	0	4	5	1	0	45	36	93
EA	24	1	83	14	1	0	9	5	137
total	26	1	87	19	2	0	54	41	230
AA BP	0.08	0.00	0.05	0.26	0.50		0.83	0.88	
EA BP	0.92	1.00	0.95	0.74	0.50		0.17	0.12	

LaPCV	0				1				
LM1DW	0		1		0		1		
LM1TC	0	1	0	1	0	1	0	1	total
AA	6	0	2	0	31	2	28	10	79
EA	79	0	26	0	9	0	2	0	116
total	85	0	28	0	40	2	30	10	195
AA BP	0.07		0.07		0.78	1.00	0.93	1.00	
EA BP	0.93		0.93		0.23	0.00	0.07	0.00	

Continued.

Table set C. Continued.

LaPCV	0				1				
LM1DW	0		1		0		1		
LM2C5	0	1	0	1	0	1	0	1	total
AA	2	3	1	0	12	12	11	20	61
EA	63	14	17	5	10	1	1	2	113
total	65	17	18	5	22	13	12	22	174
AA BP	0.03	0.18	0.06	0.00	0.55	0.92	0.92	0.91	
EA BP	0.97	0.82	0.94	1.00	0.45	0.08	0.08	0.09	

LaPCV	0				1				
LM1DW	0		1		0		1		
LM1C7	0	1	0	1	0	1	0	1	total
AA	3	3	2	0	21	16	21	18	84
EA	79	8	20	6	8	3	1	2	127
total	82	11	22	6	29	19	22	20	211
AA BP	0.04	0.27	0.09	0.00	0.72	0.84	0.95	0.90	
EA BP	0.96	0.73	0.91	1.00	0.28	0.16	0.05	0.10	

LaPCV	0				1				
LM1TC	0		1		0		1		
LM2C5	0	1	0	1	0	1	0	1	total
AA	3	3	0	0	18	23	3	8	58
EA	71	18	0	0	10	2	0	0	101
total	74	21	0	0	28	25	3	8	159
AA BP	0.04	0.14			0.64	0.92	1.00	1.00	
EA BP	0.96	0.86			0.36	0.08	0.00	0.00	

LaPCV	0				1				
LM1TC	0		1		0		1		
LM1C7	0	1	0	1	0	1	0	1	total
AA	5	3	0	0	31	28	8	4	79
EA	91	13	0	0	9	3	0	0	116
total	96	16	0	0	40	31	8	4	195
AA BP	0.05	0.19			0.78	0.90	1.00	1.00	
EA BP	0.95	0.81			0.22	0.10	0.00	0.00	

Continued.

Table set C. Continued.

LaPCV	0				1				
LM2C5	0		1		0		1		
LM1C7	0	1	0	1	0	1	0	1	total
AA	4	0	1	4	12	12	24	14	71
EA	73	10	20	1	10	3	1	2	120
total	77	10	21	5	22	15	25	16	191
AA BP	0.05	0.00	0.05	0.80	0.55	0.80	0.96	0.88	
EA BP	0.95	1.00	0.95	0.20	0.45	0.20	0.04	0.12	

LpPCV	0				1				
LM1DW	0		1		0		1		
LM1TC	0	1	0	1	0	1	0	1	total
AA	2	0	1	0	36	1	28	11	79
EA	20	0	6	0	67	0	22	1	116
total	22	0	7	0	103	1	50	12	195
AA BP	0.09		0.14		0.35	1.00	0.56	0.92	
EA BP	0.91		0.86		0.65	0.00	0.44	0.08	

LpPCV	0				1				
LM1DW	0		1		0		1		
LM2C5	0	1	0	1	0	1	0	1	total
AA	2	0	1	0	13	15	11	20	62
EA	16	2	6	0	58	13	13	7	115
total	18	2	7	0	71	28	24	27	177
AA BP	0.11	0.00	0.14		0.18	0.54	0.46	0.74	
EA BP	0.89	1.00	0.86		0.82	0.46	0.54	0.26	

LpPCV	0				1				
LM1DW	0		1		0		1		
LM1C7	0	1	0	1	0	1	0	1	total
AA	2	0	1	0	22	21	23	17	86
EA	19	1	5	0	67	11	17	8	128
total	21	1	6	0	89	32	40	25	214
AA BP	0.10	0.00	0.17		0.25	0.66	0.58	0.68	
EA BP	0.90	1.00	0.83		0.75	0.34	0.43	0.32	

Continued.

Table set C. Continued.

LpPCV	0				1				
LM1TC	0		1		0		1		
LM2C5	0	1	0	1	0	1	0	1	total
AA	3	0	0	0	20	25	2	8	58
EA	21	2	0	0	60	18	1	0	102
total	24	2	0	0	80	43	3	8	160
AA BP	0.13	0.00			0.25	0.58	0.67	1.00	
EA BP	0.88	1.00			0.75	0.42	0.33	0.00	

LpPCV	0				1				
LM1TC	0		1		0		1		
LM1C7	0	1	0	1	0	1	0	1	total
AA	3	0	0	0	34	30	8	4	79
EA	23	1	0	0	75	16	1	0	116
total	26	1	0	0	109	46	9	4	195
AA BP	0.12	0.00			0.31	0.65	0.89	1.00	
EA BP	0.88	1.00			0.69	0.35	0.11	0.00	

LpPCV	0				1				
LM2C5	0		1		0		1		
LM1C7	0	1	0	1	0	1	0	1	total
AA	3	0	0	0	14	13	26	18	74
EA	21	0	3	0	63	14	18	3	122
total	24	0	3	0	77	27	44	21	196
AA BP	0.12		0.00		0.18	0.48	0.59	0.86	
EA BP	0.88		1.00		0.82	0.52	0.41	0.14	

LM1DW	0				1				
LM1TC	0		1		0		1		
LM2C5	0	1	0	1	0	1	0	1	total
AA	14	13	1	1	9	13	2	7	60
EA	63	15	0	0	17	6	1	0	102
total	77	28	1	1	26	19	3	7	162
AA BP	0.18	0.46	1.00	1.00	0.35	0.68	0.67	1.00	
EA BP	0.82	0.54	0.00	0.00	0.65	0.32	0.33	0.00	

Continued.

Table set C. Continued.

LM1DW	0				1				
LM1TC	0		1		0		1		
LM1C7	0	1	0	1	0	1	0	1	total
AA	22	18	1	1	15	15	8	3	83
EA	78	11	0	0	21	6	1	0	117
total	100	29	1	1	36	21	9	3	200
AA BP	0.22	0.62	1.00	1.00	0.42	0.71	0.89	1.00	
EA BP	0.78	0.38	0.00	0.00	0.58	0.29	0.11	0.00	

LM1DW	0				1				
LM2C5	0		1		0		1		
LM1C7	0	1	0	1	0	1	0	1	total
AA	10	6	8	8	5	7	13	7	64
EA	62	11	16	0	15	3	4	3	114
total	72	17	24	8	20	10	17	10	178
AA BP	0.14	0.35	0.33	1.00	0.25	0.70	0.76	0.70	
EA BP	0.86	0.65	0.67	0.00	0.75	0.30	0.24	0.30	

LM1TC	0				1				
LM2C5	0		1		0		1		
LM1C7	0	1	0	1	0	1	0	1	total
AA	12	11	15	11	2	1	5	3	60
EA	67	12	19	2	1	0	0	0	101
total	79	23	34	13	3	1	5	3	161
AA BP	0.15	0.48	0.44	0.85	0.67	1.00	1.00	1.00	
EA BP	0.85	0.52	0.56	0.15	0.33	0.00	0.00	0.00	

UCTD	0								1								
LaPCV	0				1				0				1				
LpPCV	0		1		0		1		0		1		0		1		
LM1TC	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	total
AA	1	0	0	0	0	0	8	1	1	0	5	0	1	0	45	10	72
EA	15	0	39	0	0	0	4	0	8	0	32	0	1	0	6	0	105
total	16	0	39	0	0	0	12	1	9	0	37	0	2	0	51	10	177
AA BP	0.1		0.00				0.70	1.00	0.10		0.10		0.50		0.90	1.00	
EA BP	0.9		1.00				0.30	0.00	0.90		0.90		0.50		0.10	0.00	

UCTD	0								1								
LaPCV	0				1				0				1				
LpPCV	0		1		0		1		0		1		0		1		
LM2C5	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	total
AA	1	0	0	1	0	0	5	4	1	0	2	3	1	1	16	32	67
EA	15	2	32	12	0	0	4	1	7	1	29	4	1	0	7	2	117
total	16	2	32	13	0	0	9	5	8	1	31	7	2	1	23	34	184
AA BP	0.10	0.00	0.00	0.10			0.60	0.80	0.10	0.00	0.10	0.40	0.50	1.00	0.70	0.90	
EA BP	0.90	1.00	1.00	0.90			0.40	0.20	0.90	1.00	0.90	0.60	0.50	0.00	0.30	0.10	

Continued.

Table set D. Four trait forensic probabilities.

Table set D. Continued.

UCTD	0								1								
LaPCV	0				1				0				1				
LpPCV	0		1		0		1		0		1		0		1		
LM1C7	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	total
AA	1	0	0	1	0	0	9	2	1	0	4	3	1	0	33	30	85
EA	16	0	41	4	0	0	3	2	7	1	33	8	1	0	6	3	125
total	17	0	41	5	0	0	12	4	8	1	37	11	2	0	39	33	210
AA BP	0.10		0.00	0.20			0.80	0.50	0.10	0.00	0.10	0.30	0.50		0.80	0.90	
EA BP	0.90		1.00	0.80			0.30	0.50	0.90	1.00	0.90	0.70	0.50		0.20	0.10	

UCTD	0								1								
LaPCV	0				1				0				1				
LM1TC	0		1		0		1		0		1		0		1		
LM2C5	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	total
AA	1	0	0	0	4	2	1	0	2	2	0	0	13	20	2	8	55
EA	39	12	0	0	3	1	0	0	27	5	0	0	7	1	0	0	95
total	40	12	0	0	7	3	1	0	29	7	0	0	20	21	2	8	150
AA BP	0.00	0.00			0.60	0.70	1.00		0.10	0.30			0.70	1.00	1.00	1.00	
EA BP	1.00	1.00			0.40	0.30	0.00		0.90	0.70			0.40	0.00	0.00	0.00	

Continued.

Table set D. Continued.

UCTD	0								1								
LaPCV	0				1				0				1				
LM1TC	0		1		0		1		0		1		0		1		
LM1C7	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	total
AA	1	0	0	0	6	2	1	0	4	2	0	0	23	24	7	4	74
EA	50	3	0	0	2	2	0	0	32	8	0	0	7	1	0	0	105
total	51	3	0	0	8	4	1	0	36	10	0	0	30	25	7	4	179
AA BP	0.00	0.00			0.8	0.5	1.00		0.1	0.2			0.8	1.00	1.00	1.00	
EA BP	1.00	1.00			0.3	0.5	0.00		0.9	0.8			0.2	0.00	0.00	0.00	

UCTD	0								1								
LpPCV	0				1				0				1				
LM1TC	0		1		0		1		0		1		0		1		
LM2C5	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	total
AA	1	0	0	0	4	2	1	0	2	0	0	0	14	21	1	8	54
EA	14	1	0	0	29	12	0	0	7	1	0	0	25	5	1	0	95
total	15	1	0	0	33	14	1	0	9	1	0	0	39	26	2	8	149
AA BP	0.1	0.00			0.1	0.1	1.00		0.2	0.00			0.4	0.8	0.5	1.00	
EA BP	0.9	1.00			0.9	0.9	0.00		0.8	1.00			0.6	0.2	0.5	0.00	

Continued.

Table set D. Continued.

UCTD	0								1								
LpPCV	0				1				0				1				
LM1TC	0		1		0		1		0		1		0		1		
LM1C7	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	total
AA	1	0	0	0	6	2	1	0	2	0	0	0	26	25	7	4	74
EA	15	0	0	0	37	6	0	0	7	1	0	0	29	8	1	0	104
total	16	0	0	0	43	8	1	0	9	1	0	0	55	33	8	4	178
AA BP	0.10				0.10	0.30	1.00		0.20	0.00			0.50	0.80	0.90	1.00	
EA BP	0.90				0.90	0.80	0.00		0.80	1.00			0.50	0.20	0.10	0.00	

UCTD	0								1								
LpPCV	0				1				0				1				
LM2C5	0		1		0		1		0		1		0		1		
LM1C7	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	total
AA	1	0	0	0	3	2	3	2	2	0	0	0	10	8	22	13	66
EA	14	0	2	0	30	5	12	1	7	0	1	0	29	7	4	2	114
total	15	0	2	0	33	7	15	3	9	0	1	0	39	15	26	15	180
AA BP	0.10		0.00		0.10	0.30	0.20	0.70	0.20		0.00		0.30	0.50	0.80	0.90	
EA BP	0.90		1.00		0.90	0.70	0.80	0.30	0.80		1.00		0.70	0.50	0.20	0.10	

Continued.

Table set D. Continued.

UCTD	0								1								
LM1TC	0				1				0				1				
LM2C5	0		1		0		1		0		1		0		1		
LM1C7	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	total
AA	3	2	2	0	1	0	0	0	9	7	12	10	1	1	5	3	56
EA	37	4	13	1	0	0	0	0	26	6	5	1	1	0	0	0	94
total	40	6	15	1	1	0	0	0	35	13	17	11	2	1	5	3	150
AA BP	0.10	0.30	0.10	0.00	1.00				0.30	0.50	0.70	0.90	0.50	1.00	1.00	1.00	
EA BP	0.90	0.70	0.90	1.00	0.00				0.70	0.50	0.30	0.10	0.50	0.00	0.00	0.00	

LaPCV	0								1								
LP4LC	0				1				0				1				
LM1TC	0		1		0		1		0		1		0		1		
LM2C5	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	total
AA	2	0	0	0	1	3	0	0	1	0	0	0	17	22	2	8	56
EA	20	1	0	0	50	16	0	0	1	0	0	0	8	2	0	0	98
total	22	1	0	0	51	19	0	0	2	0	0	0	25	24	2	8	154
AA BP	0.10	0.00			0.00	0.20			0.50				0.70	0.90	1.00	1.00	
EA BP	0.90	1.00			1.00	0.80			0.50				0.30	0.10	0.00	0.00	

Continued.

Table set D. Continued.

LaPCV	0								1								
LpPCV	0				1				0				1				
LM1TC	0		1		0		1		0		1		0		1		
LM1C7	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	total
AA	2	0	0	0	3	3	0	0	1	0	0	0	30	26	7	4	76
EA	21	1	0	0	67	12	0	0	1	0	0	0	7	3	0	0	112
total	23	1	0	0	70	15	0	0	2	0	0	0	37	29	7	4	188
AA BP	0.10	0.00			0.00	0.20			0.50				0.80	0.90	1.00	1.00	
EA BP	0.90	1.00			1.00	0.80			0.50				0.20	0.10	0.00	0.00	

LaPCV	0								1								
LpPCV	0				1				0				1				
LM2C5	0		1		0		1		0		1		0		1		
LM1C7	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	total
AA	2	0	0	0	2	0	1	4	1	0	0	0	10	12	24	13	69
EA	20	0	2	0	52	10	17	1	1	0	0	0	8	3	1	2	117
total	22	0	2	0	54	10	18	5	2	0	0	0	18	15	25	15	186
AA BP	0.10		0.00		0.00	0.00	0.10	0.80	0.50				0.60	0.80	1.00	0.90	
EA BP	0.90		1.00		1.00	1.00	0.90	0.20	0.50				0.40	0.20	0.00	0.10	

Continued.

Table set D. Continued.

LpPCV	0								1								
LM1TC	0				1				0				1				
LM2C5	0		1		0		1		0		1		0		1		
LM1C7	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	total
AA	3	0	0	0	9	11	15	10	1	1	5	3	15	2	32	12	119
EA	19	0	2	0	0	0	0	0	46	12	16	2	1	0	0	0	98
total	22	0	2	0	9	11	15	10	47	13	21	5	16	2	32	12	217
AA BP	0.10		0.00		1.00	1.00	1.00	1.00	0.00	0.10	0.20	0.60	0.90	1.00	1.00	1.00	
EA BP	0.90		1.00		0.00	0.00	0.00	0.00	1.00	0.90	0.80	0.40	0.10	0.00	0.00	0.00	