

Appendix A. Result tables for 3-inch slap images.

This appendix shows successful segmentation rates for the 3-inch slap images by finger position, hand, and various combinations of fingers that may be of interest to different fingerprint matching applications.

The first table shows successful segmentation percentages for each finger position.

The second table combines the right and left hand for each finger position and shows results for getting both the right and left finger, either or none.

The third table looks at the results by right and left hand. Columns show segmentation rates for correctly segmenting all 5 finger positions, any 4, any 3, down to none.

The fourth table is similar to the third table but only uses the four finger slaps, no thumbs.

The fifth table is shows results for all ten fingers by combining right and left hands.

The last three tables show results for finger position combinations of thumb/index, thumb/index/middle and index/middle/ring.

All eight tables are then repeated (B) for the case where the maximum limited of the bottom (+128) is ignored and then repeated (C) again ignoring the bottom (crease) completely. This was done because previous work had shown the crease is usually the most difficult edge for the segmentation algorithm to detect and in general this how much the crease detection affects the success rate of the segmentation algorithm. The results in these tables show algorithm J definitely had difficulty detecting the crease and many other algorithms show significant increases in successfully segmenting “All 5” finger positions on a hand when the crease is ignored. Again, this is not a surprise as detecting the correct crease is a known difficulty for segmentation algorithms.

Most of the increase in segmentation performance comes from ignoring the maximum limit (+128) which will probably have less effect on matching but requires keeping/processing more of the slap fingerprint. This larger fingerprint area could have a detrimental effect on processing speeds for large scale systems, with no gain in system accuracy.

Similar to “A_32”, “M+” was the same software as “M” with additional values added to the output of the segmentation algorithm. The additions to the segmentation box returned by the software were; +30 for the top and bottom edges and +15 for the left side. No change was made to the right side.

		Finger Position									
		RT	RI	RM	RR	RL	LT	LI	LM	LR	LL
A		39.79	68.76	61.73	47.38	44.26	53.85	56.58	64.50	67.84	70.71
A+32		79.46	93.36	87.30	84.10	83.28	83.32	91.62	87.92	87.95	89.95
B		97.99	99.22	98.79	98.31	98.69	98.11	99.08	98.88	98.62	98.92
C		96.68	99.58	99.31	98.88	99.35	97.27	99.55	99.14	98.95	99.29
D		85.31	96.20	94.92	93.99	95.16	84.74	96.05	95.00	94.98	95.05
E		94.77	95.41	94.67	94.86	96.27	92.56	95.18	93.73	94.35	95.16
F		95.55	96.10	96.25	96.53	97.44	95.09	95.97	95.49	96.19	96.84
G		92.19	99.02	98.62	98.13	98.31	90.68	98.51	98.17	98.29	98.17
H		76.35	98.22	97.38	97.11	95.48	82.85	97.62	97.11	97.07	94.01
I		91.66	97.55	96.82	96.21	95.16	86.40	97.89	96.89	96.50	96.12
J		78.36	38.18	39.15	36.60	56.15	77.08	33.12	38.83	38.80	54.32
K		57.18	93.75	90.77	88.74	87.95	59.27	85.25	51.70	63.88	83.38
L		91.46	94.09	93.22	90.16	81.25	84.99	93.86	93.31	89.96	78.61
M		86.56	96.30	91.35	89.88	92.12	88.79	96.03	92.69	93.27	94.68
M+		90.17	97.70	93.35	92.77	95.05	90.66	96.89	93.33	94.06	95.41
N		96.34	97.08	96.57	93.81	96.95	96.00	97.46	94.98	91.52	95.25
P		82.88	96.91	94.48	91.93	94.49	82.86	94.64	92.83	90.81	94.88
Q		82.28	97.22	94.97	92.66	95.33	79.91	95.87	93.87	91.66	95.23
R		87.80	89.35	82.90	75.96	88.21	87.34	87.13	78.22	67.87	82.80

		Thumb			Index			Middle			Ring			Little		
		Both	Either	None	Both	Either	None	Both	Either	None	Both	Either	None	Both	Either	None
A		27.21	66.42	33.58	39.87	85.47	14.53	41.33	84.90	15.10	33.74	81.48	18.52	32.51	82.46	17.54
A+32		72.54	90.24	9.76	86.20	98.79	1.21	78.16	97.05	2.95	75.26	96.78	3.22	76.04	97.19	2.81
B		96.48	99.63	0.37	98.33	99.96	0.04	97.76	99.90	0.10	97.08	99.85	0.15	97.69	99.92	0.08
C		94.63	99.32	0.68	99.14	99.99	0.01	98.52	99.93	0.07	97.97	99.86	0.14	98.67	99.97	0.03
D		78.01	92.04	7.96	92.70	99.54	0.46	90.91	99.01	0.99	89.94	99.04	0.96	90.85	99.36	0.64
E		89.42	97.91	2.09	91.34	99.24	0.76	89.65	98.74	1.26	90.50	98.71	1.29	92.15	99.28	0.72
F		91.74	98.90	1.10	92.62	99.46	0.54	92.32	99.42	0.58	93.24	99.48	0.52	94.63	99.65	0.35
G		86.71	96.16	3.84	97.60	99.94	0.06	96.94	99.84	0.16	96.58	99.84	0.16	96.57	99.91	0.09
H		71.80	87.40	12.60	96.02	99.81	0.19	94.92	99.57	0.43	94.63	99.55	0.45	90.20	99.29	0.71
I		80.95	97.10	2.90	95.64	99.79	0.21	94.09	99.61	0.39	93.30	99.41	0.59	91.89	99.39	0.61
J		67.69	87.75	12.25	21.47	49.82	50.18	25.85	52.12	47.88	23.99	51.41	48.59	36.62	73.85	26.15
K		45.99	70.55	29.45	81.24	98.10	1.90	47.71	94.99	5.01	58.49	94.43	5.57	74.86	96.77	3.23
L		81.01	95.52	4.48	88.83	99.34	0.66	87.62	99.06	0.94	81.91	98.36	1.64	65.62	94.54	5.46
M		79.82	95.60	4.40	92.77	99.67	0.33	85.49	98.71	1.29	84.60	98.65	1.35	87.56	99.36	0.64
M+		84.58	96.31	3.69	94.91	99.81	0.19	87.90	98.95	1.05	87.88	99.09	0.91	91.09	99.49	0.51
N		93.19	99.25	0.75	94.91	99.69	0.31	92.49	99.06	0.94	87.78	97.56	2.44	92.92	99.24	0.76
P		73.52	92.29	7.71	92.32	99.38	0.62	88.81	98.68	1.32	84.94	97.87	2.13	90.22	99.19	0.81
Q		71.62	90.67	9.33	93.74	99.51	0.49	90.20	98.82	1.18	86.30	98.12	1.88	91.14	99.46	0.54
R		81.31	93.92	6.08	81.50	94.85	5.15	71.29	89.56	10.44	60.79	82.62	17.38	76.54	94.19	5.81

		Right Hand (w/Thumbs)					Left Hand (w/Thumbs)						
		All 5	Any 4	Any 3	Any 2	Any 1	None	All 5	Any 4	Any 3	Any 2	Any 1	None
A		6.70	27.32	54.86	79.08	93.95	6.05	15.78	44.59	69.50	86.92	96.70	3.30
A+32		54.00	83.44	93.44	97.16	99.45	0.55	62.37	87.22	94.37	97.32	99.49	0.51
B		93.76	99.45	99.84	99.96	100.00	0.00	94.37	99.46	99.83	99.94	100.00	0.00
C		94.28	99.62	99.93	99.97	100.00	0.00	94.71	99.59	99.93	99.97	100.00	0.00
D		72.53	95.16	98.55	99.40	99.95	0.05	72.13	95.17	98.80	99.75	99.97	0.03
E		82.91	95.41	98.33	99.35	99.98	0.02	79.67	94.17	97.97	99.24	99.92	0.08
F		86.98	96.98	98.59	99.37	99.96	0.04	85.57	96.21	98.53	99.32	99.95	0.05
G		87.65	98.94	99.77	99.92	100.00	0.00	85.39	98.70	99.80	99.95	99.99	0.01
H		69.73	96.02	99.12	99.73	99.94	0.06	73.99	96.15	99.00	99.60	99.93	0.07
I		81.80	96.80	99.15	99.73	99.93	0.07	78.15	96.87	99.13	99.70	99.94	0.06
J		10.47	25.88	45.17	72.01	94.91	5.09	10.05	25.33	43.67	69.48	93.61	6.39
K		41.99	84.44	94.82	98.26	99.61	0.39	20.90	52.88	78.55	92.92	98.77	1.23
L		65.56	89.27	96.65	99.10	99.91	0.09	59.16	86.75	96.37	99.14	99.89	0.11
M		67.86	91.98	97.60	99.08	99.89	0.11	73.65	94.32	98.41	99.52	99.93	0.07
M+		76.15	95.16	98.57	99.41	99.94	0.06	77.41	95.19	98.68	99.57	99.94	0.06
N		84.56	97.03	99.35	99.86	100.00	0.00	80.67	95.77	99.01	99.85	100.00	0.00
P		69.57	93.39	98.40	99.54	99.94	0.06	67.29	92.16	97.80	99.27	99.89	0.11
Q		70.09	94.15	98.74	99.73	99.97	0.03	66.06	92.83	98.36	99.72	99.95	0.05
R		54.96	80.48	91.32	97.24	99.78	0.22	46.86	73.24	87.49	95.68	99.52	0.48

		Right Hand				Left Hand					
		All 4	Any 3	Any 2	Any 1	None	All 4	Any 3	Any 2	Any 1	None
A		15.83	43.58	71.95	90.80	9.20	28.03	58.14	80.04	93.33	6.67
A+32		66.57	88.17	95.19	97.92	2.08	73.60	90.21	95.38	97.79	2.21
B		95.58	99.55	99.84	99.96	0.04	95.99	99.56	99.85	99.94	0.06
C		97.34	99.80	99.96	99.98	0.02	97.15	99.76	99.94	99.97	0.03
D		85.13	96.53	98.82	99.47	0.53	85.22	96.62	99.10	99.82	0.18
E		86.58	96.18	98.53	99.49	0.51	84.84	95.33	98.35	99.40	0.60
F		90.63	97.30	98.69	99.41	0.59	89.33	96.77	98.65	99.36	0.64
G		94.89	99.32	99.85	99.96	0.04	94.08	99.15	99.86	99.97	0.03
H		90.21	98.40	99.57	99.82	0.18	88.36	98.12	99.40	99.70	0.30
I		88.77	97.79	99.34	99.78	0.22	90.02	98.00	99.33	99.79	0.21
J		13.27	28.76	48.75	78.34	21.66	12.45	28.29	47.19	75.95	24.05
K		73.92	91.10	97.02	99.17	0.83	32.44	65.76	88.17	97.84	2.16
L		70.63	91.24	97.45	99.40	0.60	67.71	90.77	97.70	99.57	0.43
M		77.56	94.52	98.25	99.31	0.69	82.29	95.94	98.84	99.61	0.39
M+		83.89	96.58	98.91	99.50	0.50	84.53	96.60	98.95	99.60	0.40
N		87.54	97.51	99.49	99.88	0.12	83.97	96.22	99.14	99.89	0.11
P		82.74	96.26	99.07	99.74	0.26	80.18	94.95	98.50	99.54	0.46
Q		84.12	96.88	99.33	99.87	0.13	81.88	95.82	99.09	99.84	0.16
R		63.95	82.41	92.29	97.78	2.22	55.34	75.57	88.72	96.39	3.61

Person

	All 10	Any 9	Any 8	Any 7	Any 6	Any 5	Any 4	Any 3	Any 2	Any 1	None
A	1.80	8.20	20.86	37.93	56.65	73.22	85.82	93.53	97.80	99.58	0.42
A+32	39.50	65.52	82.08	90.30	95.07	97.56	98.93	99.51	99.85	99.95	0.05
B	89.32	98.04	99.49	99.84	99.95	99.98	99.99	100.00	100.00	100.00	0.00
C	90.21	98.30	99.66	99.89	99.96	99.99	100.00	100.00	100.00	100.00	0.00
D	58.02	82.00	94.47	97.96	99.29	99.76	99.92	99.98	100.00	100.00	0.00
E	70.14	87.37	94.17	97.23	98.93	99.47	99.76	99.92	99.99	100.00	0.00
F	76.52	91.69	96.19	98.17	99.43	99.73	99.83	99.93	100.00	100.00	0.00
G	78.09	93.50	99.02	99.68	99.89	99.95	99.98	100.00	100.00	100.00	0.00
H	59.90	81.10	95.20	98.22	99.35	99.68	99.89	99.93	99.97	99.99	0.01
I	66.65	89.93	96.74	98.78	99.50	99.78	99.89	99.95	99.98	100.00	0.00
J	3.95	10.33	18.61	28.02	38.72	51.25	66.21	81.58	93.69	98.22	1.78
K	13.15	33.93	58.01	76.38	88.84	95.35	98.31	99.38	99.82	99.97	0.03
L	43.43	71.13	86.46	94.08	97.79	99.21	99.76	99.95	99.99	100.00	0.00
M	53.58	80.66	92.69	97.09	98.79	99.58	99.89	99.95	99.99	100.00	0.00
M+	62.62	85.80	94.77	97.97	99.26	99.75	99.89	99.96	100.00	100.00	0.00
N	71.95	90.22	96.24	98.54	99.42	99.80	99.95	99.98	100.00	100.00	0.00
P	52.52	78.84	91.73	96.52	98.56	99.43	99.77	99.90	99.98	99.99	0.01
Q	52.41	78.96	92.58	97.28	98.89	99.62	99.90	99.96	100.00	100.00	0.00
R	36.23	57.74	73.23	82.41	88.75	93.27	96.67	98.61	99.73	99.94	0.06

	Right Thumb/Index			Left Thumb/Index		
	Both	Either	None	Both	Either	None
A	28.02	80.53	19.47	31.20	79.23	20.77
A+32	74.61	98.21	1.79	76.70	98.24	1.76
B	97.25	99.97	0.03	97.24	99.95	0.05
C	96.32	99.95	0.05	96.88	99.94	0.06
D	82.00	99.51	0.49	81.34	99.45	0.55
E	90.66	99.52	0.48	88.44	99.29	0.71
F	91.91	99.75	0.25	91.39	99.67	0.33
G	91.32	99.89	0.11	89.33	99.86	0.14
H	75.28	99.29	0.71	81.14	99.33	0.67
I	89.56	99.65	0.35	84.71	99.57	0.43
J	30.02	86.51	13.49	26.03	84.17	15.83
K	53.84	97.36	2.64	51.97	92.72	7.28
L	86.45	99.23	0.77	80.29	98.72	1.28
M	83.56	99.36	0.64	85.48	99.45	0.55
M+	88.27	99.67	0.33	88.04	99.63	0.37
N	93.65	99.85	0.15	93.69	99.86	0.14
P	80.70	99.15	0.85	78.91	98.75	1.25
Q	80.27	99.34	0.66	76.93	99.01	0.99
R	78.32	98.81	1.19	75.89	98.56	1.44

	Right Thumb/Index/Middle				Left Thumb/Index/Middle			
	All 3	Any 2	Any 1	None	All 3	Any 2	Any 1	None
A	19.41	61.28	89.59	10.41	23.30	61.93	89.69	10.31
A+32	67.82	93.28	99.02	0.98	70.33	93.49	99.04	0.96
B	96.20	99.81	99.99	0.01	96.32	99.77	99.98	0.02
C	95.72	99.86	99.99	0.01	96.13	99.85	99.98	0.02
D	78.71	97.86	99.85	0.15	77.89	98.06	99.84	0.16
E	87.58	97.46	99.81	0.19	84.87	96.90	99.70	0.30
F	89.99	98.02	99.89	0.11	88.97	97.72	99.86	0.14
G	90.27	99.61	99.96	0.04	87.83	99.57	99.96	0.04
H	73.92	98.24	99.79	0.21	79.37	98.40	99.82	0.18
I	87.38	98.78	99.86	0.14	82.61	98.71	99.85	0.15
J	19.25	47.11	89.33	10.67	17.72	43.79	87.51	12.49
K	49.68	93.47	99.00	1.01	29.86	71.92	94.67	5.33
L	81.81	97.35	99.78	0.22	76.00	96.74	99.71	0.29
M	77.78	96.85	99.72	0.28	80.46	97.45	99.81	0.19
M+	83.50	98.01	99.83	0.17	83.35	97.91	99.86	0.14
N	90.95	99.17	99.95	0.05	89.39	99.16	99.97	0.03
P	77.08	97.54	99.77	0.23	74.70	96.42	99.50	0.50
Q	76.97	97.83	99.82	0.18	73.05	97.15	99.73	0.27
R	67.98	92.50	99.41	0.59	63.07	90.36	99.11	0.89

	Right Index/Middle/Ring				Left Index/Middle/Ring			
	All 3	Any 2	Any 1	None	All 3	Any 2	Any 1	None
A	27.47	62.64	87.76	12.24	33.73	66.94	88.25	11.75
A+32	75.36	92.32	97.08	2.92	78.19	92.47	96.83	3.17
B	96.70	99.67	99.94	0.06	96.96	99.72	99.90	0.10
C	97.95	99.86	99.96	0.04	97.84	99.83	99.97	0.03
D	88.59	97.44	99.08	0.92	88.82	97.76	99.44	0.56
E	89.10	96.90	98.93	1.07	87.94	96.44	98.88	1.12
F	92.35	97.66	98.88	1.12	91.33	97.37	98.95	1.05
G	96.37	99.50	99.92	0.08	95.60	99.43	99.93	0.07
H	93.99	99.00	99.72	0.28	93.31	98.84	99.66	0.34
I	92.53	98.47	99.57	0.43	93.11	98.58	99.59	0.41
J	18.18	36.08	59.67	40.33	17.38	35.49	57.87	42.13
K	80.52	94.18	98.56	1.44	36.71	70.79	93.33	6.67
L	82.31	95.93	99.23	0.77	81.59	96.14	99.40	0.60
M	82.51	96.14	98.87	1.13	85.88	96.96	99.15	0.85
M+	87.09	97.44	99.29	0.71	87.53	97.48	99.26	0.74
N	89.43	98.30	99.74	0.26	86.82	97.49	99.65	0.35
P	86.35	97.44	99.53	0.47	83.34	96.09	98.85	1.15
Q	87.45	97.77	99.64	0.36	85.06	96.88	99.47	0.53
R	67.56	85.37	95.28	4.72	59.33	80.40	93.51	6.49

		Finger Position									
		RT	RI	RM	RR	RL	LT	LI	LM	LR	LL
A		40.77	70.16	63.23	48.60	45.70	54.99	58.24	66.31	69.60	72.52
A+32		81.33	95.04	89.61	85.79	85.05	85.70	93.67	90.57	90.40	91.69
B		98.30	99.49	99.25	98.87	98.89	98.48	99.22	99.23	98.84	99.11
C		96.81	99.75	99.58	99.22	99.48	97.45	99.65	99.50	99.17	99.50
D		85.72	98.03	97.95	97.14	96.67	85.26	97.53	98.02	97.88	96.82
E		98.08	97.21	97.25	97.90	98.13	98.06	97.05	96.62	97.51	97.49
F		97.28	96.99	96.88	97.59	98.14	97.37	96.88	96.21	97.40	97.60
G		95.22	99.11	98.78	98.32	98.50	95.36	98.58	98.36	98.48	98.40
H		77.20	98.36	97.81	97.85	96.37	84.06	97.78	97.44	97.78	95.04
I		92.42	98.52	98.41	98.26	95.55	87.34	98.82	98.20	98.30	96.48
J		85.72	91.84	94.46	91.36	87.25	86.13	87.73	92.59	90.22	87.20
K		60.87	97.53	96.96	95.69	91.08	64.95	89.34	56.08	68.90	89.50
L		96.72	95.27	95.08	92.80	82.94	97.01	95.14	95.37	92.86	81.50
M		88.70	96.56	92.31	90.48	92.84	91.93	96.53	93.86	94.26	96.33
M+		93.56	98.36	95.63	94.34	96.30	95.66	97.88	96.30	96.66	97.54
N		97.57	97.30	96.80	94.02	97.00	97.60	97.66	95.32	91.72	95.33
P		94.73	97.90	96.82	94.73	95.85	94.44	95.67	95.23	92.66	96.00
Q		95.03	98.23	97.40	95.47	96.78	96.06	96.95	96.35	93.52	96.33
R		96.91	89.44	83.06	76.01	88.27	96.68	87.18	78.41	67.89	82.86

		Thumb			Index			Middle			Ring			Little		
		Both	Either	None	Both	Either	None	Both	Either	None	Both	Either	None	Both	Either	None
A		28.38	67.38	32.62	41.65	86.76	13.24	43.11	86.43	13.57	35.28	82.93	17.07	34.35	83.87	16.13
A+32		75.65	91.37	8.63	89.40	99.32	0.68	82.09	98.09	1.91	78.57	97.62	2.38	78.94	97.79	2.21
B		97.10	99.67	0.33	98.75	99.96	0.04	98.55	99.93	0.07	97.84	99.87	0.13	98.06	99.93	0.07
C		94.91	99.35	0.65	99.41	99.99	0.01	99.11	99.97	0.03	98.49	99.90	0.10	99.00	99.98	0.02
D		78.85	92.13	7.87	95.67	99.89	0.11	96.15	99.82	0.18	95.24	99.77	0.23	93.81	99.68	0.32
E		96.52	99.62	0.38	94.56	99.70	0.30	94.25	99.62	0.38	95.73	99.69	0.31	95.87	99.75	0.25
F		95.22	99.43	0.57	94.26	99.61	0.39	93.49	99.61	0.39	95.27	99.72	0.28	95.98	99.76	0.24
G		92.59	97.99	2.01	97.74	99.94	0.06	97.27	99.87	0.13	96.93	99.87	0.13	96.98	99.92	0.08
H		73.38	87.87	12.13	96.31	99.84	0.16	95.64	99.61	0.39	95.94	99.69	0.31	91.93	99.48	0.52
I		82.11	97.65	2.35	97.44	99.90	0.10	96.80	99.82	0.18	96.74	99.82	0.18	92.55	99.47	0.53
J		79.32	92.52	7.48	81.83	97.74	2.26	88.19	98.86	1.14	83.75	97.83	2.17	77.79	96.66	3.34
K		51.74	74.17	25.83	87.36	99.59	0.41	54.29	98.71	1.29	65.96	98.74	1.26	81.88	98.90	1.10
L		94.77	99.04	0.96	90.93	99.61	0.39	91.02	99.52	0.48	86.48	99.27	0.73	68.84	95.79	4.21
M		84.10	96.60	3.40	93.45	99.74	0.26	87.31	98.97	1.03	85.98	98.81	1.19	89.70	99.56	0.44
M+		91.34	97.94	2.06	96.42	99.91	0.09	92.44	99.57	0.43	91.49	99.55	0.45	94.16	99.76	0.24
N		95.70	99.55	0.45	95.31	99.69	0.31	92.97	99.11	0.89	88.17	97.58	2.42	93.05	99.25	0.75
P		90.57	98.69	1.31	94.02	99.65	0.35	92.74	99.38	0.62	88.74	98.65	1.35	92.42	99.47	0.53
Q		92.12	99.10	0.90	95.51	99.76	0.24	94.36	99.47	0.53	90.18	98.82	1.18	93.43	99.69	0.31
R		94.61	99.06	0.94	81.63	94.86	5.14	71.59	89.61	10.40	60.85	82.64	17.36	76.62	94.20	5.80

		Right Hand (w/Thumbs)					Left Hand (w/Thumbs)						
		All 5	Any 4	Any 3	Any 2	Any 1	None	All 5	Any 4	Any 3	Any 2	Any 1	None
A		7.33	29.19	56.87	80.52	94.56	5.44	17.00	46.90	71.83	88.62	97.32	2.68
A+32		57.90	86.20	95.04	98.03	99.64	0.36	67.11	90.31	96.41	98.48	99.73	0.27
B		95.36	99.62	99.86	99.96	100.00	0.00	95.55	99.54	99.85	99.95	100.00	0.00
C		95.26	99.67	99.94	99.97	100.00	0.00	95.67	99.69	99.93	99.97	100.00	0.00
D		79.80	97.37	98.94	99.45	99.95	0.05	78.90	97.53	99.30	99.82	99.98	0.02
E		92.23	97.90	98.96	99.51	99.98	0.02	90.93	97.47	98.85	99.50	99.99	0.01
F		91.14	97.65	98.74	99.38	99.98	0.02	90.06	97.29	98.75	99.38	99.99	0.01
G		91.07	99.15	99.78	99.93	100.00	0.00	90.40	99.01	99.83	99.95	99.99	0.01
H		71.87	96.80	99.24	99.74	99.94	0.06	76.57	96.89	99.12	99.61	99.93	0.07
I		85.61	98.26	99.54	99.81	99.94	0.06	81.64	98.17	99.56	99.82	99.95	0.05
J		64.91	90.22	96.90	98.81	99.79	0.21	63.22	88.76	95.24	97.04	99.61	0.39
K		51.92	92.96	98.26	99.43	99.88	0.12	28.00	61.77	84.57	95.34	99.20	0.80
L		72.90	92.75	97.84	99.45	99.97	0.03	71.41	92.89	98.42	99.67	99.98	0.02
M		71.27	92.95	97.79	99.13	99.91	0.09	79.05	95.79	98.79	99.60	99.95	0.05
M+		83.16	96.73	98.93	99.48	99.96	0.04	87.46	97.93	99.27	99.70	99.97	0.03
N		86.25	97.21	99.37	99.86	100.00	0.00	82.74	96.02	99.04	99.87	100.00	0.00
P		84.14	97.03	99.26	99.70	99.98	0.02	80.32	95.71	98.72	99.53	99.96	0.04
Q		85.60	97.91	99.61	99.89	99.99	0.01	83.27	96.94	99.38	99.87	99.98	0.02
R		62.47	81.70	91.83	99.83	0.17	53.92	74.78	88.14	95.92	99.64	0.36	

		Right Hand				Left Hand					
		All 4	Any 3	Any 2	Any 1	None	All 4	Any 3	Any 2	Any 1	None
A		17.11	45.59	73.45	91.65	8.35	29.84	60.42	82.01	94.41	5.59
A+32		69.85	90.32	96.58	98.63	1.37	77.37	92.63	97.20	98.79	1.21
B		96.93	99.70	99.86	99.96	0.04	96.88	99.62	99.86	99.95	0.05
C		98.25	99.84	99.96	99.98	0.02	98.02	99.82	99.94	99.97	0.03
D		92.85	98.25	99.11	99.50	0.50	92.32	98.45	99.45	99.86	0.14
E		93.89	98.00	98.95	99.52	0.48	92.42	97.61	98.90	99.49	0.51
F		93.51	97.77	98.77	99.41	0.59	92.18	97.48	98.79	99.38	0.62
G		95.47	99.37	99.86	99.96	0.04	94.68	99.24	99.86	99.97	0.03
H		92.15	98.69	99.60	99.82	0.18	90.28	98.43	99.44	99.70	0.30
I		92.31	98.93	99.64	99.84	0.16	93.10	98.97	99.66	99.88	0.12
J		74.72	92.78	97.71	99.18	0.82	72.68	91.26	95.87	97.32	2.68
K		85.74	96.75	99.05	99.72	0.28	39.69	72.89	92.43	98.81	1.19
L		75.04	93.42	98.07	99.56	0.44	73.17	93.45	98.55	99.70	0.30
M		79.67	94.89	98.31	99.31	0.69	85.65	96.68	99.02	99.63	0.37
M+		88.59	97.47	99.05	99.52	0.48	91.12	98.24	99.35	99.68	0.32
N		88.16	97.58	99.50	99.88	0.12	84.63	96.35	99.15	99.89	0.11
P		88.34	97.80	99.40	99.77	0.23	84.63	96.44	98.90	99.59	0.41
Q		89.92	98.38	99.68	99.89	0.11	86.48	97.32	99.46	99.89	0.11
R		64.20	82.47	92.31	97.80	2.20	55.60	75.62	88.73	96.39	3.61

Person

	All 10	Any 9	Any 8	Any 7	Any 6	Any 5	Any 4	Any 3	Any 2	Any 1	None
A	2.07	9.16	22.57	40.56	59.65	75.80	87.62	94.67	98.34	99.70	0.30
A+32	44.53	70.65	86.17	93.16	96.69	98.55	99.42	99.76	99.93	99.99	0.01
B	91.81	98.50	99.57	99.88	99.95	99.98	99.99	100.00	100.00	100.00	0.00
C	91.97	98.58	99.72	99.90	99.96	99.99	100.00	100.00	100.00	100.00	0.00
D	68.43	87.39	96.96	98.82	99.63	99.86	99.96	99.99	100.00	100.00	0.00
E	84.88	94.84	97.49	98.81	99.66	99.81	99.89	99.94	100.00	100.00	0.00
F	83.23	94.28	97.12	98.56	99.61	99.78	99.86	99.94	100.00	100.00	0.00
G	84.42	95.89	99.25	99.73	99.89	99.95	99.98	100.00	100.00	100.00	0.00
H	63.40	82.87	96.00	98.47	99.45	99.73	99.89	99.93	99.98	99.99	0.01
I	71.85	93.30	98.29	99.36	99.73	99.89	99.94	99.97	99.99	100.00	0.00
J	47.20	73.00	87.20	93.21	96.71	98.36	99.28	99.68	99.89	99.96	0.04
K	19.31	44.69	69.63	85.34	94.49	98.38	99.66	99.89	99.96	99.98	0.02
L	54.42	81.38	92.99	97.48	99.31	99.79	99.95	99.98	99.99	100.00	0.00
M	59.56	84.36	94.15	97.58	99.04	99.68	99.91	99.96	99.99	100.00	0.00
M+	75.05	92.09	97.28	98.79	99.60	99.88	99.94	99.98	100.00	100.00	0.00
N	75.13	91.07	96.41	98.58	99.43	99.82	99.95	99.98	100.00	100.00	0.00
P	70.39	90.10	96.34	98.46	99.48	99.77	99.89	99.93	99.98	100.00	0.00
Q	73.48	92.51	97.71	99.18	99.69	99.91	99.98	100.00	0.00	0.00	0.00
R	45.20	63.50	75.23	83.41	89.38	93.65	96.82	98.74	99.77	99.94	0.06

	Right Thumb/Index			Left Thumb/Index		
	Both	Either	None	Both	Either	None
A	29.22	81.72	18.28	32.67	80.56	19.44
A+32	77.74	98.63	1.37	80.55	98.82	1.18
B	97.82	99.97	0.03	97.75	99.95	0.05
C	96.61	99.95	0.05	97.16	99.94	0.06
D	84.06	99.68	0.32	83.16	99.63	0.37
E	95.36	99.93	0.07	95.20	99.91	0.09
F	94.38	99.89	0.11	94.38	99.88	0.12
G	94.42	99.91	0.09	94.04	99.90	0.10
H	76.22	99.34	0.66	82.43	99.41	0.59
I	91.18	99.75	0.25	86.42	99.75	0.25
J	79.19	98.37	1.63	75.71	98.14	1.86
K	59.47	99.05	0.95	59.73	94.61	5.39
L	92.36	99.70	0.30	92.56	99.75	0.25
M	85.84	99.48	0.52	88.92	99.64	0.36
M+	92.12	99.86	0.14	93.78	99.88	0.12
N	95.04	99.88	0.12	95.41	99.92	0.08
P	92.97	99.73	0.27	90.61	99.63	0.37
Q	93.42	99.92	0.08	93.31	99.84	0.16
R	87.00	99.33	0.67	84.67	99.15	0.85

	Right Thumb/Index/Middle				Left Thumb/Index/Middle			
	All 3	Any 2	Any 1	None	All 3	Any 2	Any 1	None
A	20.47	63.16	90.53	9.47	24.75	64.00	90.79	9.21
A+32	71.59	95.04	99.35	0.65	74.87	95.65	99.43	0.57
B	97.19	99.86	99.99	0.01	97.14	99.82	99.98	0.02
C	96.27	99.88	99.99	0.01	96.73	99.88	99.98	0.02
D	83.15	98.66	99.89	0.11	81.99	98.92	99.91	0.09
E	94.08	98.50	99.95	0.05	93.46	98.31	99.96	0.04
F	92.96	98.26	99.93	0.07	92.38	98.14	99.94	0.06
G	93.47	99.67	99.96	0.04	92.67	99.66	99.97	0.03
H	75.09	98.47	99.80	0.20	80.92	98.54	99.82	0.18
I	90.16	99.29	99.91	0.09	85.21	99.27	99.89	0.11
J	76.13	96.39	99.50	0.50	72.74	94.36	99.35	0.65
K	57.99	97.78	99.71	0.29	36.97	77.51	95.89	4.11
L	88.70	98.52	99.92	0.08	88.96	98.86	99.95	0.05
M	80.63	97.27	99.78	0.22	84.55	98.07	99.87	0.13
M+	89.01	98.68	99.92	0.08	91.12	98.96	99.94	0.06
N	92.51	99.23	99.97	0.03	91.35	99.27	99.98	0.02
P	90.51	99.08	99.94	0.06	87.44	98.19	99.90	0.10
Q	91.32	99.45	99.98	0.02	90.42	99.19	99.96	0.04
R	76.26	93.40	99.61	0.39	71.28	91.44	99.37	0.63

	Right Index/Middle/Ring				Left Index/Middle/Ring			
	All 3	Any 2	Any 1	None	All 3	Any 2	Any 1	None
A	29.01	64.25	88.73	11.27	35.64	68.95	89.57	10.43
A+32	78.31	94.11	98.03	1.97	81.87	94.69	98.09	1.91
B	97.88	99.77	99.95	0.05	97.64	99.75	99.91	0.09
C	98.70	99.89	99.96	0.04	98.47	99.87	99.97	0.03
D	95.20	98.68	99.24	0.76	94.79	99.00	99.64	0.36
E	95.02	98.23	99.12	0.88	94.05	97.99	99.15	0.85
F	94.57	97.98	98.91	1.09	93.64	97.85	99.01	0.99
G	96.76	99.52	99.93	0.07	96.00	99.48	99.93	0.07
H	95.16	99.12	99.73	0.27	94.40	98.95	99.66	0.34
I	96.13	99.33	99.74	0.26	96.20	99.33	99.79	0.21
J	82.53	96.14	99.00	1.01	79.43	94.18	96.93	3.07
K	92.05	98.52	99.60	0.40	43.05	76.02	95.25	4.75
L	86.57	97.14	99.43	0.57	86.22	97.54	99.61	0.39
M	84.15	96.31	98.88	1.12	88.12	97.31	99.21	0.79
M+	90.96	98.03	99.34	0.66	92.93	98.49	99.42	0.58
N	90.04	98.34	99.74	0.26	87.43	97.59	99.66	0.34
P	91.21	98.55	99.69	0.31	87.19	97.26	99.09	0.91
Q	92.41	98.89	99.80	0.20	89.09	98.05	99.69	0.31
R	67.79	85.43	95.30	4.70	59.55	80.42	93.51	6.49

		Finger Position									
		RT	RI	RM	RR	RL	LT	LI	LM	LR	LL
A		54.69	85.39	77.50	64.25	60.79	70.44	70.60	77.27	84.21	81.96
A+32		92.07	97.94	97.10	95.97	93.48	92.81	96.40	95.86	95.57	92.99
B		99.43	99.60	99.60	99.57	99.23	99.36	99.38	99.63	99.64	99.31
C		99.13	99.86	99.91	99.86	99.66	99.20	99.77	99.84	99.86	99.63
D		94.19	98.11	98.26	97.48	96.76	93.09	97.63	98.41	98.23	96.90
E		99.09	97.30	97.63	98.29	98.16	98.85	97.14	97.03	97.90	97.54
F		99.03	97.12	97.38	98.01	98.22	98.71	97.03	96.76	97.73	97.69
G		97.39	99.52	99.64	99.11	98.79	97.19	98.96	99.54	99.52	98.77
H		79.40	98.96	98.86	98.84	96.78	86.52	98.38	98.89	99.09	95.61
I		94.07	98.68	99.33	98.84	95.66	88.75	99.02	99.40	99.06	96.61
J		93.75	92.78	95.37	92.04	88.17	94.85	88.39	93.63	90.98	88.77
K		61.25	97.59	97.16	95.78	91.17	65.26	89.36	56.17	68.99	89.53
L		97.11	95.96	96.00	94.13	83.84	97.29	95.81	96.58	94.20	82.28
M		96.38	98.80	98.81	98.85	97.62	96.21	98.70	98.78	98.65	97.23
M+		97.11	99.37	99.38	99.01	98.02	97.80	98.82	99.11	99.07	97.84
N		99.10	98.23	99.62	99.51	99.32	99.12	98.88	99.63	99.58	98.92
P		95.46	98.71	98.59	97.32	97.09	95.24	96.56	97.69	96.76	97.27
Q		95.43	98.87	99.15	98.05	97.75	96.41	97.72	98.78	97.60	97.35
R		98.31	99.10	99.55	99.45	99.26	98.33	99.19	99.59	99.52	98.90

		Thumb			Index			Middle			Ring			Little		
		Both	Either	None	Both	Either	None	Both	Either	None	Both	Either	None	Both	Either	None
A		43.85	81.28	18.72	60.64	95.36	4.64	60.48	94.28	5.72	54.82	93.64	6.36	50.90	91.84	8.16
A+32		89.26	95.62	4.38	94.59	99.75	0.25	93.33	99.64	0.36	91.98	99.57	0.43	87.82	98.65	1.35
B		98.94	99.86	0.14	99.02	99.97	0.03	99.25	99.99	0.01	99.24	99.98	0.02	98.57	99.97	0.03
C		98.54	99.79	0.21	99.63	0.00	0.00	99.75	0.00	0.00	99.73	99.99	0.01	99.30	99.99	0.01
D		90.34	96.94	3.06	95.84	99.90	0.10	96.80	99.86	0.14	95.91	99.80	0.20	93.94	99.72	0.28
E		98.16	99.78	0.22	94.72	99.71	0.29	94.96	99.70	0.30	96.41	99.77	0.23	95.95	99.75	0.25
F		98.05	99.69	0.31	94.51	99.64	0.36	94.45	99.68	0.32	95.98	99.76	0.24	96.15	99.77	0.23
G		96.17	98.41	1.59	98.49	99.99	0.01	99.19	99.99	0.01	98.65	99.97	0.03	97.60	99.96	0.04
H		77.00	88.92	11.08	97.43	99.91	0.09	97.85	99.89	0.11	98.03	99.91	0.09	92.80	99.59	0.41
I		84.26	98.56	1.44	97.79	99.91	0.09	98.77	99.96	0.04	97.97	99.93	0.07	92.78	99.48	0.52
J		90.27	98.33	1.67	83.21	97.96	2.04	89.81	99.19	0.81	84.99	98.03	1.97	79.90	97.03	2.97
K		52.18	74.42	25.58	87.42	99.61	0.39	54.47	98.81	1.19	66.10	98.79	1.21	82.00	98.91	1.09
L		95.38	99.11	0.89	92.24	99.67	0.33	92.99	99.68	0.32	88.91	99.52	0.48	70.18	96.14	3.86
M		93.79	98.88	1.12	97.63	99.96	0.04	97.74	99.95	0.05	97.61	99.95	0.05	95.13	99.83	0.17
M+		95.96	99.03	0.97	98.31	99.97	0.03	98.60	99.95	0.05	98.20	99.94	0.06	96.12	99.84	0.16
N		98.52	99.78	0.22	97.29	99.85	0.15	99.29	99.97	0.03	99.13	99.98	0.02	98.30	99.95	0.05
P		91.85	98.94	1.06	95.55	99.82	0.18	96.51	99.88	0.12	94.47	99.68	0.32	94.70	99.70	0.30
Q		92.77	99.22	0.78	96.79	99.90	0.10	98.09	99.95	0.05	95.93	99.79	0.21	95.28	99.84	0.16
R		97.13	99.58	0.42	98.38	99.94	0.06	99.21	99.95	0.05	99.03	99.96	0.04	98.23	99.94	0.06

		Right Hand (w/Thumbs)					Left Hand (w/Thumbs)						
		All 5	Any 4	Any 3	Any 2	Any 1	None	All 5	Any 4	Any 3	Any 2	Any 1	None
A		18.57	52.88	79.29	93.24	98.63	1.37	34.87	69.09	86.40	95.03	99.09	0.91
A+32		82.34	96.40	98.64	99.28	99.89	0.11	81.37	95.43	98.06	98.90	99.87	0.13
B		97.79	99.80	99.88	99.97	100.00	0.00	97.75	99.76	99.87	99.95	100.00	0.00
C		98.54	99.93	99.98	99.99	100.00	0.00	98.48	99.89	99.95	99.98	100.00	0.00
D		88.21	98.04	99.08	99.50	99.96	0.04	86.80	98.22	99.42	99.84	99.98	0.02
E		93.90	98.08	98.98	99.52	99.99	0.01	92.42	97.66	98.88	99.50	100.00	0.00
F		93.73	97.86	98.79	99.41	99.98	0.02	92.24	97.52	98.77	99.39	99.99	0.01
G		94.93	99.64	99.91	99.97	100.00	0.00	94.47	99.61	99.92	99.97	100.00	0.00
H		75.40	98.08	99.61	99.79	99.96	0.04	81.08	98.29	99.49	99.69	99.94	0.06
I		88.39	98.74	99.68	99.84	99.94	0.06	84.62	98.77	99.64	99.84	99.96	0.04
J		72.94	92.55	97.64	99.08	99.90	0.10	72.27	91.28	95.93	97.31	99.84	0.16
K		52.48	93.21	98.28	99.43	99.88	0.12	28.16	62.00	84.68	95.39	99.21	0.79
L		76.12	93.62	97.97	99.48	99.97	0.03	74.72	93.71	98.58	99.68	99.98	0.02
M		91.99	99.13	99.71	99.83	99.98	0.02	91.32	99.09	99.67	99.79	99.98	0.02
M+		94.15	99.33	99.73	99.83	99.98	0.02	94.11	99.37	99.68	99.77	99.98	0.02
N		96.41	99.64	99.85	99.92	100.00	0.00	96.76	99.68	99.84	99.95	100.00	0.00
P		89.71	98.38	99.50	99.75	99.98	0.02	87.49	97.69	99.06	99.59	99.98	0.02
Q		90.72	99.03	99.77	99.91	99.99	0.01	89.94	98.65	99.66	99.90	99.99	0.01
R		96.51	99.54	99.80	99.89	99.98	0.02	96.30	99.63	99.82	99.90	99.99	0.01

		Right Hand				Left Hand					
		All 4	Any 3	Any 2	Any 1	None	All 4	Any 3	Any 2	Any 1	None
A		33.67	67.99	88.75	97.24	2.76	48.25	77.74	90.82	97.11	2.89
A+32		88.73	97.35	98.90	99.39	0.61	86.97	96.29	98.27	98.99	1.01
B		98.29	99.81	99.88	99.97	0.03	98.32	99.76	99.87	99.95	0.05
C		99.34	99.95	99.98	99.99	0.01	99.20	99.91	99.94	99.97	0.03
D		93.52	98.36	99.13	99.50	0.50	93.07	98.59	99.47	99.86	0.14
E		94.65	98.09	98.96	99.52	0.48	93.22	97.72	98.90	99.49	0.51
F		94.51	97.88	98.78	99.41	0.59	93.17	97.58	98.80	99.38	0.62
G		97.37	99.72	99.93	99.98	0.02	97.10	99.67	99.92	99.99	0.01
H		94.51	99.26	99.70	99.83	0.17	93.28	99.18	99.60	99.72	0.28
I		93.72	99.18	99.72	99.86	0.14	95.05	99.31	99.70	99.89	0.11
J		77.08	93.56	97.92	99.25	0.75	75.45	92.18	96.13	97.42	2.58
K		86.15	96.79	99.05	99.72	0.28	39.82	72.96	92.46	98.83	1.17
L		78.07	94.14	98.14	99.58	0.42	76.36	94.13	98.67	99.71	0.29
M		95.25	99.30	99.72	99.82	0.18	94.68	99.26	99.66	99.77	0.23
M+		96.80	99.44	99.72	99.82	0.18	96.01	99.43	99.67	99.74	0.26
N		97.18	99.70	99.86	99.92	0.08	97.52	99.70	99.84	99.96	0.04
P		93.54	98.81	99.57	99.79	0.21	91.42	98.08	99.16	99.62	0.38
Q		94.83	99.27	99.82	99.90	0.10	93.00	98.85	99.70	99.90	0.10
R		98.01	99.62	99.83	99.90	0.10	97.81	99.66	99.82	99.90	0.10

Person

	All 10	Any 9	Any 8	Any 7	Any 6	Any 5	Any 4	Any 3	Any 2	Any 1	None
A	8.51	27.02	49.71	69.84	83.92	92.37	96.98	99.01	99.77	99.96	0.04
A+32	71.45	87.95	95.18	97.43	98.94	99.54	99.83	99.92	99.97	99.99	0.01
B	95.89	99.31	99.71	99.91	99.98	99.99	100.00	100.00	100.00	100.00	0.00
C	97.29	99.61	99.90	99.95	99.98	100.00	100.00	100.00	100.00	100.00	0.00
D	79.41	93.08	97.93	99.07	99.73	99.90	99.97	99.99	100.00	100.00	0.00
E	87.58	95.47	97.66	98.87	99.71	99.82	99.89	99.95	100.00	100.00	0.00
F	87.31	95.14	97.37	98.62	99.66	99.79	99.87	99.94	100.00	100.00	0.00
G	91.27	97.61	99.69	99.92	99.97	99.99	100.00	100.00	100.00	100.00	0.00
H	69.09	85.90	97.71	99.23	99.70	99.86	99.94	99.95	99.99	100.00	0.00
I	76.06	95.33	98.88	99.56	99.78	99.91	99.95	99.97	99.99	100.00	0.00
J	57.06	80.75	90.54	94.70	97.57	98.85	99.51	99.81	99.94	100.00	0.00
K	19.57	45.04	70.00	85.58	94.56	98.44	99.68	99.90	99.96	99.98	0.02
L	59.20	83.73	93.91	97.83	99.42	99.81	99.95	99.99	100.00	100.00	0.00
M	85.16	96.75	99.18	99.56	99.91	99.96	99.99	99.99	100.00	100.00	0.00
M+	89.76	97.53	99.30	99.54	99.89	99.96	99.98	99.99	100.00	100.00	0.00
N	93.71	98.95	99.66	99.85	99.94	99.98	99.99	99.99	100.00	100.00	0.00
P	80.07	94.49	98.00	99.09	99.74	99.86	99.93	99.95	99.99	100.00	0.00
Q	82.68	96.33	99.08	99.61	99.89	99.98	99.99	100.00	0.00	0.00	0.00
R	93.50	98.72	99.57	99.75	99.92	99.97	99.97	99.98	99.99	99.99	0.01

	Right Thumb/Index			Left Thumb/Index		
	Both	Either	None	Both	Either	None
A	47.10	92.98	7.02	50.33	90.72	9.28
A+32	90.39	99.61	0.39	89.61	99.60	0.40
B	99.05	99.98	0.02	98.77	99.98	0.02
C	99.01	99.98	0.02	99.00	99.98	0.02
D	92.43	99.87	0.13	90.92	99.79	0.21
E	96.43	99.96	0.04	96.06	99.93	0.07
F	96.18	99.97	0.03	95.84	99.90	0.10
G	96.95	99.96	0.04	96.19	99.95	0.05
H	78.71	99.65	0.35	85.24	99.66	0.34
I	92.93	99.82	0.18	87.98	99.79	0.21
J	87.25	99.27	0.73	84.01	99.23	0.77
K	59.87	99.09	0.91	60.02	94.66	5.34
L	93.36	99.78	0.22	93.47	99.79	0.21
M	95.32	99.93	0.07	95.09	99.93	0.07
M+	96.59	99.95	0.05	96.78	99.95	0.05
N	97.44	99.95	0.05	98.08	99.98	0.02
P	94.41	99.83	0.17	92.19	99.73	0.27
Q	94.45	99.94	0.06	94.40	99.88	0.12
R	97.52	99.93	0.07	97.60	99.98	0.02

	Right Thumb/Index/Middle				Left Thumb/Index/Middle			
	All 3	Any 2	Any 1	None	All 3	Any 2	Any 1	None
A	37.90	82.55	97.13	2.87	42.17	79.85	96.29	3.71
A+32	88.70	98.59	99.82	0.18	87.13	98.13	99.81	0.19
B	98.72	99.92	100.00	0.00	98.51	99.89	99.99	0.01
C	98.95	99.96	100.00	0.00	98.87	99.95	99.99	0.01
D	91.65	98.96	99.95	0.05	89.93	99.26	99.94	0.06
E	95.48	98.57	99.97	0.03	94.65	98.39	99.98	0.02
F	95.21	98.34	99.98	0.02	94.29	98.25	99.95	0.05
G	96.69	99.87	99.99	0.01	95.82	99.88	99.99	0.01
H	78.14	99.20	99.89	0.11	84.65	99.24	99.91	0.09
I	92.64	99.52	99.93	0.07	87.69	99.57	99.91	0.09
J	84.33	97.78	99.78	0.22	81.50	95.64	99.73	0.27
K	58.47	97.94	99.71	0.29	37.17	77.71	95.92	4.08
L	90.54	98.69	99.93	0.07	90.94	99.02	99.95	0.05
M	94.52	99.61	99.98	0.02	94.26	99.61	99.98	0.02
M+	96.25	99.72	99.98	0.02	96.26	99.64	99.98	0.02
N	97.30	99.70	99.99	0.01	97.90	99.82	100.00	0.00
P	93.44	99.47	99.95	0.05	91.14	98.63	99.93	0.07
Q	93.90	99.69	99.98	0.02	93.64	99.52	99.98	0.02
R	97.30	99.73	99.97	0.03	97.42	99.79	99.98	0.02

	Right Index/Middle/Ring				Left Index/Middle/Ring			
	All 3	Any 2	Any 1	None	All 3	Any 2	Any 1	None
A	48.54	82.54	96.05	3.95	53.69	83.38	95.01	4.99
A+32	93.27	98.44	99.30	0.70	91.14	97.81	98.88	1.12
B	98.96	99.86	99.96	0.04	98.91	99.84	99.91	0.09
C	99.69	99.96	99.98	0.02	99.55	99.95	99.97	0.03
D	95.85	98.76	99.24	0.76	95.53	99.09	99.64	0.36
E	95.77	98.32	99.13	0.87	94.83	98.09	99.15	0.85
F	95.52	98.08	98.92	1.08	94.56	97.94	99.02	0.98
G	98.48	99.83	99.97	0.03	98.19	99.85	99.97	0.03
H	97.34	99.54	99.77	0.23	97.16	99.48	99.72	0.28
I	97.51	99.55	99.80	0.20	98.06	99.61	99.82	0.18
J	84.41	96.67	99.10	0.90	81.27	94.68	97.05	2.95
K	92.38	98.55	99.60	0.40	43.17	76.09	95.27	4.73
L	89.19	97.46	99.44	0.56	89.08	97.88	99.63	0.37
M	97.14	99.54	99.79	0.21	96.88	99.52	99.73	0.27
M+	98.33	99.63	99.79	0.21	97.71	99.58	99.71	0.29
N	97.76	99.72	99.87	0.13	98.45	99.75	99.88	0.12
P	95.55	99.31	99.76	0.24	93.26	98.52	99.23	0.77
Q	96.64	99.57	99.86	0.14	95.05	99.25	99.79	0.21
R	98.51	99.71	99.88	0.12	98.69	99.74	99.86	0.14