

## 6. Supplementary Material

### 6.1. Subject Recognition Accuracy per Gesture

Label Index	Accuracy	Label Index	Accuracy
52	10.64	56	19.15
36	10.64	9	19.15
16	12.77	69	19.15
68	12.77	3	19.15
61	12.77	6	19.15
14	12.77	12	19.57
60	14.58	78	19.57
45	14.89	41	20.83
21	14.89	81	20.83
17	14.89	54	21.28
15	14.89	55	21.28
31	14.89	59	21.28
65	14.89	58	21.28
71	14.89	7	21.28
53	14.89	74	21.28
77	15.22	22	21.28
13	17.02	27	21.28
43	17.02	2	21.28
26	17.02	38	21.28
25	17.02	79	21.28
24	17.02	67	23.40
23	17.02	4	23.40
46	17.02	76	23.40
49	17.02	5	23.40
51	17.02	72	23.40
63	17.02	33	23.40
10	17.02	64	23.40
75	17.02	82	23.40
83	17.02	47	23.40
73	17.39	48	23.40
39	17.39	44	23.40
42	17.39	57	23.40
11	19.15	18	23.40
19	19.15	1	23.40
8	19.15	70	23.91
30	19.15	66	23.91
50	19.15	20	25.53
62	19.15	32	25.53
29	19.15	35	25.53
40	19.15	34	25.53
		28	27.66
		37	27.66
		80	29.79

Table 6: Subject recognition accuracy as a function of gesture class, sorted by accuracy. This is the corresponding data for Figure 10

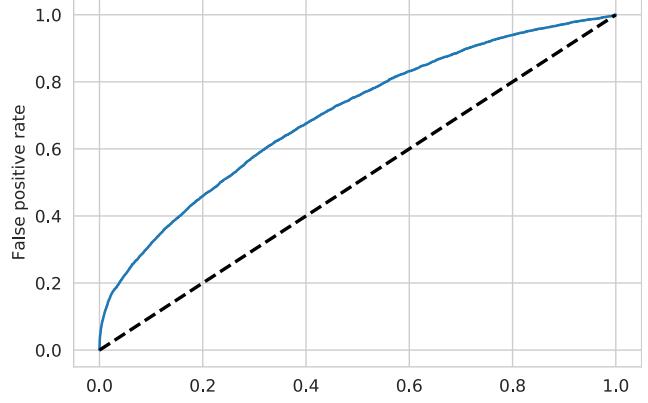


Figure 9: ROC curve for gesture-based user verification

### 6.2. Dataset Split for Subject Recognition for Unseen Gestures

We select the following gestures for training: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, and 82.

### 6.3. Dataset Split for Gesture Based Verification

We use 30 subjects for training, 10 for validation, and 10 for testing. The subjects for train is 3, 4, 5, 6, 8, 10, 15, 16, 17, 20, 21, 22, 23, 25, 26, 27, 30, 32, 36, 38, 39, 40, 42, 43, 44, 45, 46, 48, 49, and 50. The validation is 2, 9, 11, 14, 18, 19, 28, 31, 41, and 47. The testing is 1, 7, 12, 13, 24, 29, 33, 34, 35, and 37.

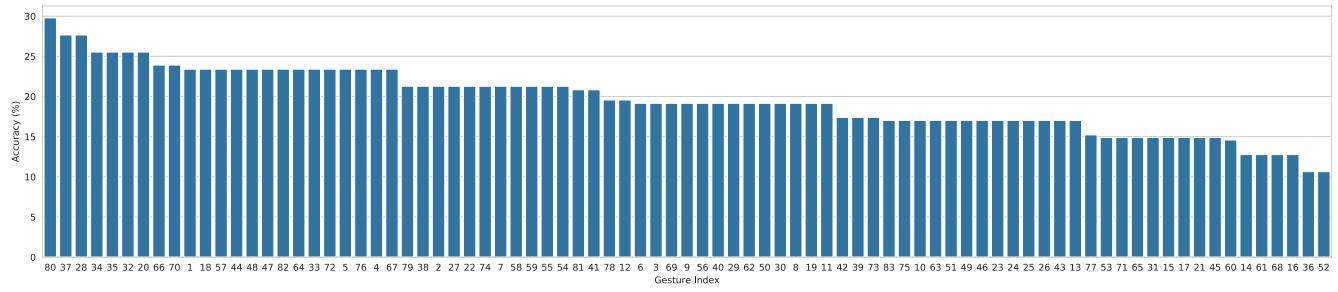


Figure 10: Subject recognition accuracy as a function of gesture class, sorted by accuracy. Some gestures allow subjects to be more easily recognized than others. Table in Supplementary Material shows the original data.