

TABLE S1

SUBJECT-INDEPENDENT (LOSO-CV) PERFORMANCE OF MS-EN-CNN FOR EACH OF THE TEST SUBJECTS FOR VARIOUS PHASES AND SESSIONS AVAILABLE IN THE MI-DATASET. $s_i, i = 1, 2$ AND “ON”/“OFF” INDICATE THE SESSION AND THE ONLINE/OFFLINE PHASES, RESPECTIVELY.

Test subject	s_1 (off), %	s_1 (on), %	s_2 (off), %	s_2 (on), %	s_1 (off+on), %	s_2 (off+on), %	$s_1 + s_2$, %
1	90.00	83.00	81.00	89.00	86.50	85.00	85.75
2	84.00	63.00	83.00	92.00	73.50	87.50	80.50
3	94.00	91.00	97.00	97.00	92.50	97.00	94.75
4	83.00	95.00	91.00	92.00	89.00	91.50	90.25
5	98.00	83.00	92.00	93.00	90.50	92.50	91.50
6	99.00	97.00	98.00	100.00	98.00	99.00	98.50
7	73.00	87.00	83.00	87.00	80.00	85.00	82.50
8	76.00	76.00	84.00	91.00	76.00	87.50	81.75
9	86.00	79.00	76.00	67.00	82.50	71.50	77.00
10	73.00	59.00	72.00	57.00	66.00	64.50	65.25
11	83.00	69.00	75.00	65.00	76.00	70.00	73.00
12	86.00	84.00	78.00	80.00	85.00	79.00	82.00
13	79.00	78.00	75.00	67.00	78.50	71.00	74.75
14	81.00	78.00	77.00	85.00	79.50	81.00	80.25
15	94.00	92.00	93.00	91.00	93.00	92.00	92.50
16	78.00	84.00	97.00	75.00	81.00	86.00	83.50
17	75.00	83.00	69.00	80.00	79.00	74.50	76.75
18	94.00	76.00	81.00	91.00	85.00	86.00	85.50
19	81.00	90.00	76.00	90.00	85.50	83.00	84.25
20	86.00	93.00	88.00	86.00	89.50	87.00	88.25
21	95.00	97.00	99.00	98.00	96.00	98.50	97.25
22	78.00	96.00	87.00	84.00	87.00	85.50	86.25
23	86.00	58.00	89.00	67.00	72.00	78.00	75.00
24	68.00	62.00	61.00	71.00	65.00	66.00	65.50
25	87.00	59.00	100.00	98.00	73.00	99.00	86.00
26	82.00	88.00	97.00	83.00	85.00	90.00	87.50
27	93.00	85.00	97.00	93.00	89.00	95.00	92.00
28	99.00	100.00	97.00	100.00	99.50	98.50	99.00
29	78.00	85.00	82.00	85.00	81.50	83.50	82.50
30	85.00	94.00	90.00	73.00	89.50	81.50	85.50
31	92.00	95.00	91.00	83.00	93.50	87.00	90.25
32	98.00	80.00	92.00	91.00	89.00	91.50	90.25
33	98.00	100.00	98.00	99.00	99.00	98.50	98.75
34	65.00	67.00	68.00	66.00	66.00	67.00	66.50
35	100.00	100.00	95.00	100.00	100.00	97.50	98.75
36	99.00	99.00	99.00	100.00	99.00	99.50	99.25
37	96.00	93.00	97.00	96.00	94.50	96.50	95.50
38	76.00	73.00	79.00	78.00	74.50	78.50	76.50
39	92.00	94.00	87.00	98.00	93.00	92.50	92.75
40	84.00	76.00	89.00	82.00	80.00	85.50	82.75
41	76.00	64.00	84.00	84.00	70.00	84.00	77.00
42	84.00	82.00	81.00	80.00	83.00	80.50	81.75
43	90.00	93.00	93.00	91.00	91.50	92.00	91.75
44	80.00	88.00	86.00	93.00	84.00	89.50	86.75
45	86.00	93.00	95.00	96.00	89.50	95.50	92.50
46	67.00	74.00	81.00	96.00	70.50	88.50	79.5
47	96.00	62.00	92.00	96.00	79.00	94.00	86.50
48	72.00	93.00	70.00	90.00	82.50	80.00	81.25
49	79.00	74.00	89.00	95.00	76.50	92.00	84.25
50	47.00	67.00	51.00	55.00	57.00	53.00	55.00
51	77.00	76.00	71.00	85.00	76.50	78.00	77.25
52	93.00	94.00	83.00	92.00	93.50	87.50	90.50
53	89.00	68.00	85.00	75.00	78.50	80.00	79.25
54	71.00	73.00	84.00	72.00	72.00	78.00	75.00
Mean	84.28	82.26	85.28	85.56	83.27	85.42	84.34
SD	10.63	12.33	10.57	11.63	9.92	10.16	9.42
Median	84.50	83.50	86.50	89.50	83.50	86.50	84.88
Range	47.00	58.00	51.00	55.00	57.00	53.00	55.00
Max	100.00	100.00	100.00	100.00	100.00	99.50	99.25
Min	53.00	42.00	49.00	45.00	43.00	46.50	44.25