

Sheet1

MTCNN PLUS MOBILEFACENET RECOGNITION
TEST RESULTS ON FACE TOUGH IMAGE WHICH HAS 41
VARYING BATCH SIZES

BATCH SIZE	MODEL INITIALISATION TIME (Sec.)	PRE-PROCESSING TIME (Sec.)	DETECTION TIME (Sec.)	RECOGNITION TIME (Sec.)
1	0.414	0.008	1.798	1.068
2	0.367	0.008	1.826	0.901
3	0.374	0.008	1.841	0.89
4	0.396	0.008	1.841	0.937
5	0.375	0.008	1.861	0.963
6	0.377	0.008	1.837	0.92
7	0.421	0.008	1.797	0.926
8	0.372	0.008	1.836	1.039
9	0.373	0.008	1.83	0.992
10	0.418	0.008	1.8	1.073
11	0.374	0.008	1.828	0.957
12	0.371	0.008	1.842	1.023
13	0.372	0.009	1.831	1.083
14	0.38	0.009	1.911	0.905
15	0.377	0.007	1.821	0.936
16	0.373	0.008	1.85	0.97
20	0.378	0.008	1.803	1.168
24	0.38	0.009	1.748	0.869
28	0.376	0.008	1.845	0.956
32	0.371	0.008	1.835	1.03
36	0.375	0.008	1.851	1.128
40	0.364	0.008	1.814	1.208

.IMAGES

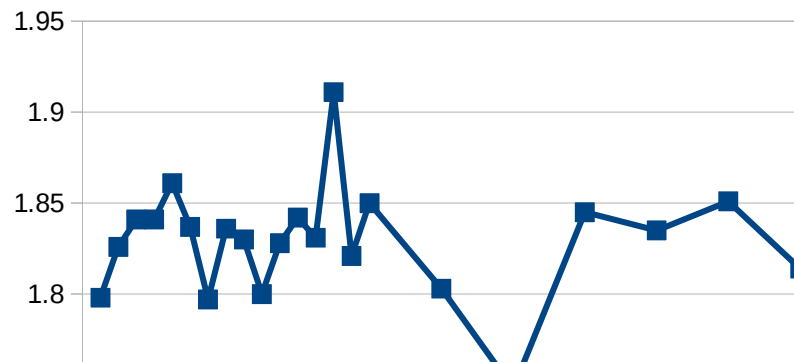
BATCH SIZE	MTCNN DETECTION TIME (Sec.)	BATCH SIZE	PRE- PROCESSIN G TIME (Sec.)
1	1.798	1	0.008
2	1.826	2	0.008
3	1.841	3	0.008
4	1.841	4	0.008
5	1.861	5	0.008
6	1.837	6	0.008
7	1.797	7	0.008
8	1.836	8	0.008
9	1.83	9	0.008
10	1.8	10	0.008
11	1.828	11	0.008
12	1.842	12	0.008
13	1.831	13	0.009
14	1.911	14	0.009
15	1.821	15	0.007
16	1.85	16	0.008
20	1.803	20	0.008
24	1.748	24	0.009
28	1.845	28	0.008
32	1.835	32	0.008
36	1.851	36	0.008
40	1.814	40	0.008

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9	0.373
10	0.418
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12	0.371
13	0.372
14	0.38
15	0.377
16	0.373
20	0.378
24	0.38
28	0.376
32	0.371
36	0.375
40	0.364

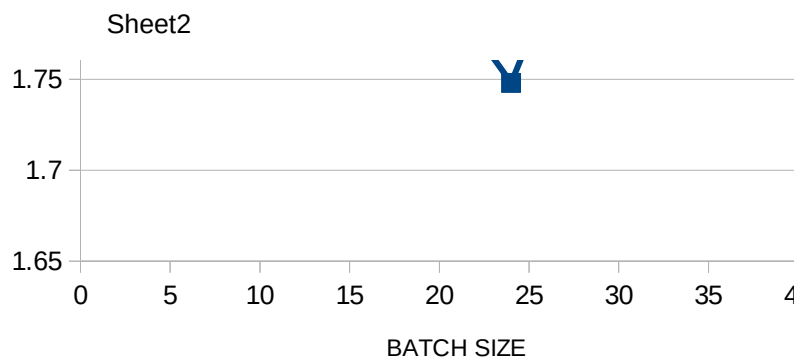
BATCH SIZE	RECOGNITION TIME (Sec.)
1	1.068
2	0.901
3	0.89
4	0.937
5	0.963
6	0.92
7	0.926
8	1.039
9	0.992
10	1.073
11	0.957
12	1.023

CTION TIME (Sec.)

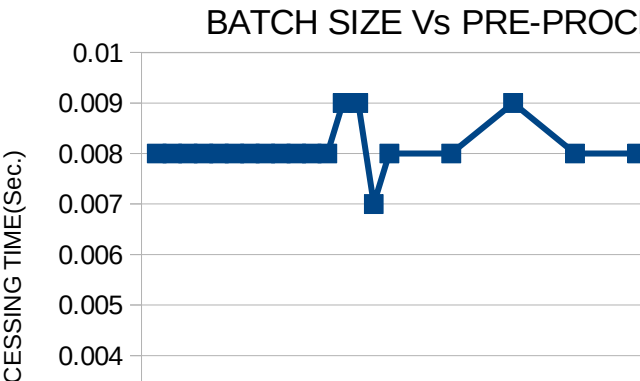
BATCH SIZE VS MTCNN DETE

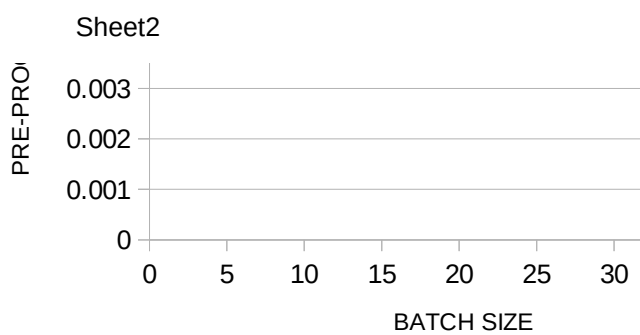
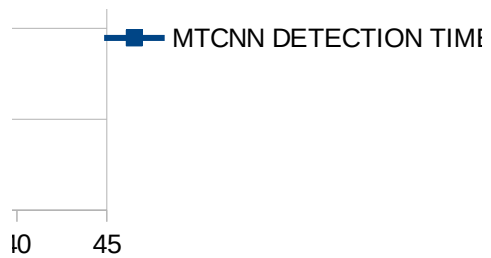


13	1.083	DETEC
14	0.905	
15	0.936	
16	0.97	
20	1.168	
24	0.869	
28	0.956	
32	1.03	
36	1.128	
40	1.208	

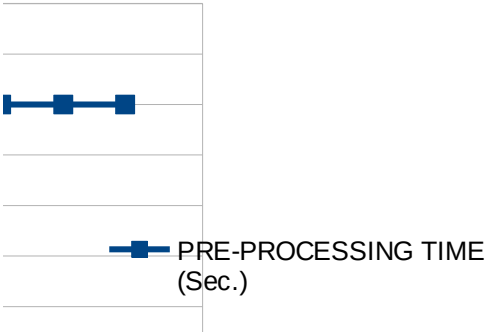


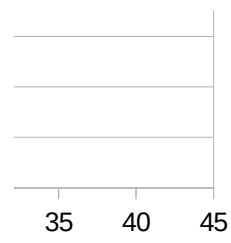
SECTION TIME



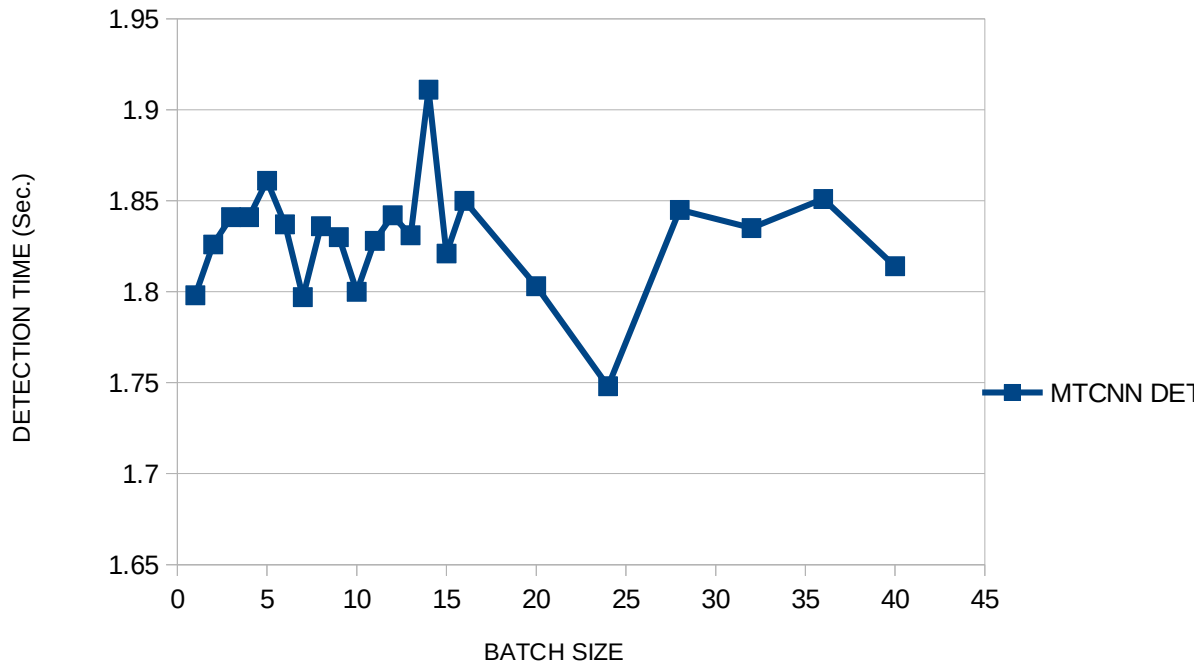


ESISNG TIME

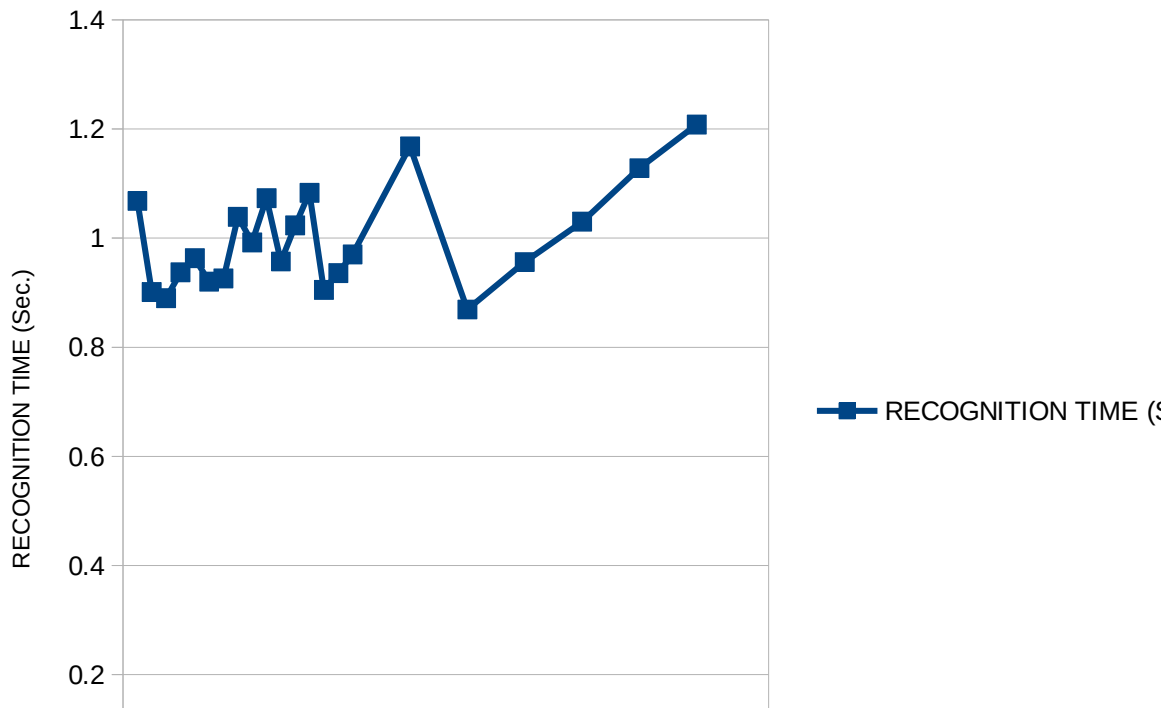


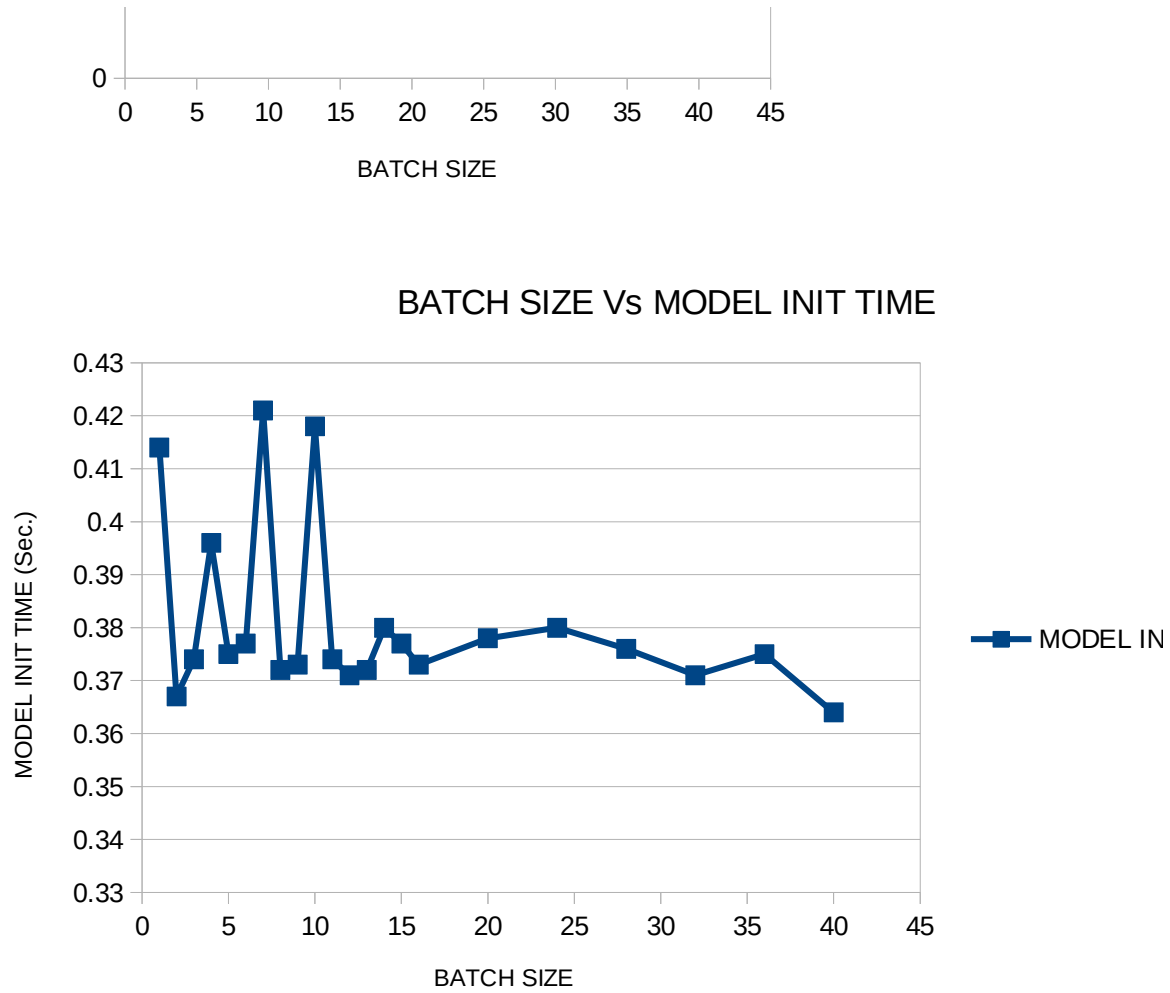


BATCH SIZE VS MTCNN DETECTION TIME



BATCH SIZE VS RECOGNITION TIME





SECTION TIME (Sec.)

Sec.)

IIT TIME (Sec.)