```
 1 C:\Users\user\anaconda3\envs\fmo_data_env\python.exe C:\Users\user\
   PycharmProjects\FMOX\FMOX-code\FMOX-Statistics\efficientam_evaluation.
   py
 2
 3 Dataset Name Falling_Object Subsequence Name v_box_GTgamma
 4 Sequence v_box_GTgamma has 22 frames
 5 Sequence v_box_GTgamma has 22 frames
 6 AverageScoreTracker, Finished seq v_box_GTgamma, avg. TIoU 0.904
 7
 8 Dataset Name Falling_Object Subsequence Name v_cell_GTgamma
 9 Sequence v_cell_GTgamma has 14 frames
10 Sequence v_cell_GTgamma has 14 frames
11 AverageScoreTracker, Finished seq v_cell_GTgamma, avg. TIoU 0.730
12
13 Dataset Name Falling_Object Subsequence Name v_key_GTgamma
14 Sequence v_key_GTgamma has 19 frames
15 Sequence v_key_GTgamma has 19 frames
16 AverageScoreTracker, Finished seq v_key_GTgamma, avg. TIoU 0.651
17
18 Dataset Name Falling_Object Subsequence Name v_marker_GTgamma
19 Sequence v_marker_GTgamma has 11 frames
20 Sequence v_marker_GTgamma has 11 frames
21 AverageScoreTracker, Finished seq v_marker_GTgamma, avg. TIoU 0.799
22
23 Dataset Name Falling_Object Subsequence Name v_pen_GTgamma
24 Sequence v_pen_GTgamma has 13 frames
25 Sequence v_pen_GTgamma has 13 frames
26 AverageScoreTracker, Finished seq v_pen_GTgamma, avg. TIoU 0.558
27
28 Dataset Name Falling_Object Subsequence Name v_rubber_GTgamma
29 Sequence v_rubber_GTgamma has 15 frames
30 Sequence v_rubber_GTgamma has 15 frames
31 AverageScoreTracker, Finished seq v_rubber_GTgamma, avg. TIoU 0.614
32
33 Dataset Name TbD-3D Subsequence Name HighFPS_GT_depth2
34 Sequence HighFPS_GT_depth2 has 48 frames
35 Sequence HighFPS_GT_depth2 has 48 frames
36 AverageScoreTracker, Finished seq HighFPS_GT_depth2, avg. TIoU 0.860
37
38 Dataset Name TbD-3D Subsequence Name HighFPS_GT_depthb2
39 Sequence HighFPS_GT_depthb2 has 81 frames
40 Sequence HighFPS_GT_depthb2 has 81 frames
41 AverageScoreTracker, Finished seq HighFPS_GT_depthb2, avg. TIoU 0.823
42
43 Dataset Name TbD-3D Subsequence Name HighFPS_GT_depthf1
44 Sequence HighFPS_GT_depthf1 has 46 frames
45 Sequence HighFPS_GT_depthf1 has 46 frames
46 AverageScoreTracker, Finished seq HighFPS_GT_depthf1, avg. TIoU 0.833
47
48 Dataset Name TbD-3D Subsequence Name HighFPS_GT_depthf2
49 Sequence HighFPS_GT_depthf2 has 50 frames
50 Sequence HighFPS_GT_depthf2 has 50 frames
51 AverageScoreTracker, Finished seq HighFPS_GT_depthf2, avg. TIoU 0.816
```

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 52
 53 Dataset Name TbD-3D Subsequence Name HighFPS_GT_depthf3
 54 Sequence HighFPS_GT_depthf3 has 37 frames
 55 Sequence HighFPS_GT_depthf3 has 37 frames
 56 AverageScoreTracker, Finished seq HighFPS_GT_depthf3, avg. TIoU 0.816
 57
 58 Dataset Name TbD-3D Subsequence Name HighFPS_GT_out1
 59 Sequence HighFPS_GT_out1 has 57 frames
 60 Sequence HighFPS_GT_out1 has 57 frames
 61 AverageScoreTracker, Finished seq HighFPS_GT_out1, avg. TIoU 0.899
 62
 63 Dataset Name TbD-3D Subsequence Name HighFPS_GT_out2
 64 Sequence HighFPS_GT_out2 has 50 frames
 65 Sequence HighFPS_GT_out2 has 50 frames
 66 AverageScoreTracker, Finished seq HighFPS_GT_out2, avg. TIoU 0.909
 67
 68 Dataset Name TbD-3D Subsequence Name HighFPS_GT_outa1
 69 Sequence HighFPS_GT_outa1 has 47 frames
 70 Sequence HighFPS_GT_outa1 has 47 frames
 71 AverageScoreTracker, Finished seq HighFPS_GT_outa1, avg. TIoU 0.923
 72
 73 Dataset Name TbD-3D Subsequence Name HighFPS_GT_outb1
 74 Sequence HighFPS_GT_outb1 has 41 frames
 75 Sequence HighFPS_GT_outb1 has 41 frames
 76 AverageScoreTracker, Finished seq HighFPS_GT_outb1, avg. TIoU 0.830
 77
 78 Dataset Name TbD-3D Subsequence Name HighFPS_GT_outf1
 79 Sequence HighFPS_GT_outf1 has 60 frames
 80 Sequence HighFPS_GT_outf1 has 60 frames
 81 AverageScoreTracker, Finished seq HighFPS_GT_outf1, avg. TIoU 0.895
 82
 83 Dataset Name TbD Subsequence Name VS_badminton_white_GX010058-8
 84 Sequence VS_badminton_white_GX010058-8 has 40 frames
 85 Sequence VS_badminton_white_GX010058-8 has 40 frames
 86 AverageScoreTracker, Finished seq VS_badminton_white_GX010058-8, avg
    . TIoU 0.010
 87
 88 Dataset Name TbD Subsequence Name VS_badminton_yellow_GX010060-8
 89 Sequence VS_badminton_yellow_GX010060-8 has 57 frames
 90 Sequence VS_badminton_yellow_GX010060-8 has 57 frames
 91 AverageScoreTracker, Finished seq VS_badminton_yellow_GX010060-8, avg
    . TIoU 0.265
 92
 93 Dataset Name TbD Subsequence Name fall_cube
 94 Sequence fall_cube has 20 frames
 95 Sequence fall_cube has 20 frames
 96 AverageScoreTracker, Finished seq fall_cube, avg. TIoU 0.902
 97
 98 Dataset Name TbD Subsequence Name hit_tennis
 99 Sequence hit_tennis has 30 frames
100 Sequence hit_tennis has 30 frames
101 AverageScoreTracker, Finished seq hit_tennis, avg. TIoU 0.878
102
```

```
103 Dataset Name TbD Subsequence Name hit_tennis2
104 Sequence hit_tennis2 has 26 frames
105 Sequence hit_tennis2 has 26 frames
106 AverageScoreTracker, Finished seq hit_tennis2, avg. TIoU 0.094
107
108 Dataset Name TbD Subsequence Name VS_pingpong_GX010051-8
109 Sequence VS_pingpong_GX010051-8 has 58 frames
110 Sequence VS_pingpong_GX010051-8 has 58 frames
111 AverageScoreTracker, Finished seq VS_pingpong_GX010051-8, avg. TIoU 0
    .756
112
113 Dataset Name TbD Subsequence Name VS_roll_golf-gc-12
114 Sequence VS_roll_golf-gc-12 has 16 frames
115 Sequence VS_roll_golf-gc-12 has 16 frames
116 AverageScoreTracker, Finished seq VS_roll_golf-gc-12, avg. TIoU 0.858
117
118 Dataset Name TbD Subsequence Name VS_tennis_GX010073-8
119 Sequence VS_tennis_GX010073-8 has 38 frames
120 Sequence VS_tennis_GX010073-8 has 38 frames
121 AverageScoreTracker, Finished seq VS_tennis_GX010073-8, avg. TIoU 0.
    807
122
123 Dataset Name TbD Subsequence Name throw_floor
124 Sequence throw_floor has 40 frames
125 Sequence throw_floor has 40 frames
126 AverageScoreTracker, Finished seq throw_floor, avg. TIoU 0.003
127
128 Dataset Name TbD Subsequence Name throw_soft
129 Sequence throw_soft has 60 frames
130 Sequence throw_soft has 60 frames
131 AverageScoreTracker, Finished seq throw_soft, avg. TIoU 0.008
132
133 Dataset Name TbD Subsequence Name throw_tennis
134 Sequence throw_tennis has 45 frames
135 Sequence throw_tennis has 45 frames
136 AverageScoreTracker, Finished seq throw_tennis, avg. TIoU 0.003
137
138 Dataset Name TbD Subsequence Name VS_volleyball_GX010068-12
139 Sequence VS_volleyball_GX010068-12 has 41 frames
140 Sequence VS_volleyball_GX010068-12 has 41 frames
141 AverageScoreTracker, Finished seq VS_volleyball_GX010068-12, avg.
    TIoU 0.872
142
143 Dataset Name FMOv2 Subsequence Name atp_serves
144 Sequence atp_serves has 463 frames
145 Sequence atp_serves has 463 frames
146 AverageScoreTracker, Finished seq atp_serves, avg. TIoU 0.135
147
148 Dataset Name FMOv2 Subsequence Name blue
149 Sequence blue has 21 frames
150 Sequence blue has 21 frames
151 AverageScoreTracker, Finished seq blue, avg. TIoU 0.775
152
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```
153 Dataset Name FMOv2 Subsequence Name darts1
154 Sequence darts1 has 36 frames
155 Sequence darts1 has 36 frames
156 AverageScoreTracker, Finished seq darts1, avg. TIoU 0.738
157
158 Dataset Name FMOv2 Subsequence Name darts_window1
159 Sequence darts_window1 has 5 frames
160 Sequence darts_window1 has 5 frames
161 AverageScoreTracker, Finished seq darts_window1, avg. TIoU 0.023
162
163 Dataset Name FMOv2 Subsequence Name frisbee
164 Sequence frisbee has 20 frames
165 Sequence frisbee has 20 frames
166 AverageScoreTracker, Finished seq frisbee, avg. TIoU 0.490
167
168 Dataset Name FMOv2 Subsequence Name hockey
169 Sequence hockey has 61 frames
170 Sequence hockey has 61 frames
171 AverageScoreTracker, Finished seq hockey, avg. TIoU 0.527
172
173 Dataset Name FMOv2 Subsequence Name ping_pong_paint
174 Sequence ping_pong_paint has 75 frames
175 Sequence ping_pong_paint has 75 frames
176 AverageScoreTracker, Finished seq ping_pong_paint, avg. TIoU 0.036
177
178 Dataset Name FMOv2 Subsequence Name ping_pong_side
179 Sequence ping_pong_side has 436 frames
180 Sequence ping_pong_side has 436 frames
181 AverageScoreTracker, Finished seq ping_pong_side, avg. TIoU 0.629
182
183 Dataset Name FMOv2 Subsequence Name ping_pong_top
184 Sequence ping_pong_top has 452 frames
185 Sequence ping_pong_top has 452 frames
186 AverageScoreTracker, Finished seq ping_pong_top, avg. TIoU 0.396
187
188 Dataset Name FMOv2 Subsequence Name softball
189 Sequence softball has 28 frames
190 Sequence softball has 28 frames
191 AverageScoreTracker, Finished seq softball, avg. TIoU 0.009
192
193 Dataset Name FMOv2 Subsequence Name squash
194 Sequence squash has 134 frames
195 Sequence squash has 134 frames
196 C:\Users\user\PycharmProjects\FMOX\FMOX-code\FMOX-Statistics\calciou.
    py:98: RuntimeWarning: invalid value encountered in divide
197   theta = 2*np.arccos( dists/ (2*rad) )
198 AverageScoreTracker, Finished seq squash, avg. TIoU nan
199
200 Dataset Name FMOv2 Subsequence Name tennis1
201 Sequence tennis1 has 64 frames
202 Sequence tennis1 has 64 frames
203 AverageScoreTracker, Finished seq tennis1, avg. TIoU nan
204
```

```
205 Dataset Name FMOv2 Subsequence Name tennis2
206 Sequence tennis2 has 219 frames
207 Sequence tennis2 has 219 frames
208 AverageScoreTracker, Finished seq tennis2, avg. TIoU 0.005
209
210 Dataset Name FMOv2 Subsequence Name tennis_serve_back
211 Sequence tennis_serve_back has 59 frames
212 Sequence tennis_serve_back has 59 frames
213 AverageScoreTracker, Finished seq tennis_serve_back, avg. TIoU 0.312
214
215 Dataset Name FMOv2 Subsequence Name tennis_serve_side
216 Sequence tennis_serve_side has 18 frames
217 Sequence tennis_serve_side has 18 frames
218 AverageScoreTracker, Finished seq tennis_serve_side, avg. TIoU 0.821
219
220 Dataset Name FMOv2 Subsequence Name volleyball1
221 Sequence volleyball1 has 13 frames
222 Sequence volleyball1 has 13 frames
223 AverageScoreTracker, Finished seq volleyball1, avg. TIoU 0.905
224
225 Dataset Name FMOv2 Subsequence Name volleyball_passing
226 Sequence volleyball_passing has 66 frames
227 Sequence volleyball_passing has 66 frames
228 AverageScoreTracker, Finished seq volleyball_passing, avg. TIoU 0.895
229
230 Dataset Name FMOv2 Subsequence Name william_tell
231 Sequence william_tell has 20 frames
232 Sequence william_tell has 20 frames
233 AverageScoreTracker, Finished seq william_tell, avg. TIoU 0.783
234
235 Process finished with exit code 0
236
```