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1 C:\Users\stefa\ComputerVision\venv\Scripts\python.exe
  C:\Users\stefa\ComputerVision\HW6.py
2
3 0: 640x384 17 cakes, 65.8ms
4 Speed: 3.3ms preprocess, 65.8ms inference, 151.2ms
  postprocess per image at shape (1, 3, 640, 384)
5
6 0: 640x448 5 persons, 63.7ms
7 Speed: 2.5ms preprocess, 63.7ms inference, 2.0ms
  postprocess per image at shape (1, 3, 640, 448)
8 Detected Objects and Confidence Scores:
9 person: 0.87
10 person: 0.83
11 person: 0.79
12 person: 0.76
13 person: 0.58
14 Number of persons detected: 5
15 Processing frames for vehicle tracking and counting
...
16
17 0: 384x640 1 person, 9 cars, 2 trucks, 56.6ms
18 Speed: 2.0ms preprocess, 56.6ms inference, 2.0ms
  postprocess per image at shape (1, 3, 384, 640)
19 Frame 0: Cars: 9, Minivans: 0
20
21 0: 384x640 1 person, 7 cars, 1 truck, 17.6ms
22 Speed: 2.1ms preprocess, 17.6ms inference, 4.0ms
  postprocess per image at shape (1, 3, 384, 640)
23 Frame 1: Cars: 7, Minivans: 0
24
25 0: 384x640 1 person, 8 cars, 1 truck, 12.6ms
26 Speed: 2.0ms preprocess, 12.6ms inference, 1.0ms
  postprocess per image at shape (1, 3, 384, 640)
27 Frame 2: Cars: 8, Minivans: 0
28
29 0: 384x640 2 persons, 8 cars, 2 trucks, 11.5ms
30 Speed: 2.0ms preprocess, 11.5ms inference, 1.0ms
  postprocess per image at shape (1, 3, 384, 640)
31 Frame 3: Cars: 8, Minivans: 0
32
33 0: 384x640 2 persons, 7 cars, 2 trucks, 8.5ms
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34 Speed: 1.0ms preprocess, 8.5ms inference, 1.0ms
       postprocess per image at shape (1, 3, 384, 640)
35 Frame 4: Cars: 7, Minivans: 0
36
37 0: 384x640 3 persons, 8 cars, 2 trucks, 7.5ms
38 Speed: 2.0ms preprocess, 7.5ms inference, 1.0ms
       postprocess per image at shape (1, 3, 384, 640)
39 Frame 5: Cars: 8, Minivans: 0
40
41 0: 384x640 3 persons, 7 cars, 2 trucks, 12.0ms
42 Speed: 3.0ms preprocess, 12.0ms inference, 2.0ms
       postprocess per image at shape (1, 3, 384, 640)
43 Frame 6: Cars: 7, Minivans: 0
44
45 0: 384x640 3 persons, 7 cars, 2 trucks, 13.1ms
46 Speed: 2.0ms preprocess, 13.1ms inference, 2.0ms
       postprocess per image at shape (1, 3, 384, 640)
47 Frame 7: Cars: 7, Minivans: 0
48
49 0: 384x640 3 persons, 8 cars, 2 trucks, 11.0ms
50 Speed: 2.0ms preprocess, 11.0ms inference, 2.5ms
       postprocess per image at shape (1, 3, 384, 640)
51 Frame 8: Cars: 8, Minivans: 0
52
53 0: 384x640 3 persons, 8 cars, 2 trucks, 11.1ms
54 Speed: 2.0ms preprocess, 11.1ms inference, 5.2ms
       postprocess per image at shape (1, 3, 384, 640)
55 Frame 9: Cars: 8, Minivans: 0
56
57 0: 384x640 1 person, 8 cars, 1 truck, 11.5ms
58 Speed: 2.0ms preprocess, 11.5ms inference, 1.0ms
       postprocess per image at shape (1, 3, 384, 640)
59 Frame 10: Cars: 8, Minivans: 0
60
61 0: 384x640 2 persons, 8 cars, 1 truck, 11.6ms
62 Speed: 2.0ms preprocess, 11.6ms inference, 2.0ms
       postprocess per image at shape (1, 3, 384, 640)
63 Frame 11: Cars: 8, Minivans: 0
64
65 0: 384x640 4 persons, 9 cars, 1 truck, 17.1ms
66 Speed: 2.0ms preprocess, 17.1ms inference, 1.0ms
```

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66 postprocess per image at shape (1, 3, 384, 640)
67 Frame 12: Cars: 9, Minivans: 0
68
69 0: 384x640 4 persons, 8 cars, 1 truck, 9.6ms
70 Speed: 1.0ms preprocess, 9.6ms inference, 1.0ms
    postprocess per image at shape (1, 3, 384, 640)
71 Frame 13: Cars: 8, Minivans: 0
72
73 0: 384x640 4 persons, 9 cars, 1 truck, 13.5ms
74 Speed: 2.5ms preprocess, 13.5ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
75 Frame 14: Cars: 9, Minivans: 0
76
77 0: 384x640 3 persons, 9 cars, 1 truck, 12.0ms
78 Speed: 2.0ms preprocess, 12.0ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
79 Frame 15: Cars: 9, Minivans: 0
80
81 0: 384x640 3 persons, 8 cars, 10.6ms
82 Speed: 3.0ms preprocess, 10.6ms inference, 2.1ms
    postprocess per image at shape (1, 3, 384, 640)
83 Frame 16: Cars: 8, Minivans: 0
84
85 0: 384x640 3 persons, 9 cars, 1 truck, 9.9ms
86 Speed: 1.0ms preprocess, 9.9ms inference, 3.1ms
    postprocess per image at shape (1, 3, 384, 640)
87 Frame 17: Cars: 9, Minivans: 0
88
89 0: 384x640 4 persons, 9 cars, 1 truck, 8.5ms
90 Speed: 2.0ms preprocess, 8.5ms inference, 1.0ms
    postprocess per image at shape (1, 3, 384, 640)
91 Frame 18: Cars: 9, Minivans: 0
92
93 0: 384x640 2 persons, 9 cars, 1 truck, 8.6ms
94 Speed: 2.0ms preprocess, 8.6ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
95 Frame 19: Cars: 9, Minivans: 0
96
97 0: 384x640 4 persons, 8 cars, 8.0ms
98 Speed: 1.5ms preprocess, 8.0ms inference, 2.5ms
    postprocess per image at shape (1, 3, 384, 640)
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99 Frame 20: Cars: 8, Minivans: 0
100
101 0: 384x640 4 persons, 10 cars, 10.0ms
102 Speed: 2.0ms preprocess, 10.0ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
103 Frame 21: Cars: 10, Minivans: 0
104
105 0: 384x640 2 persons, 10 cars, 1 truck, 8.5ms
106 Speed: 1.0ms preprocess, 8.5ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
107 Frame 22: Cars: 10, Minivans: 0
108
109 0: 384x640 2 persons, 9 cars, 7.6ms
110 Speed: 1.5ms preprocess, 7.6ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
111 Frame 23: Cars: 9, Minivans: 0
112
113 0: 384x640 3 persons, 9 cars, 1 truck, 10.7ms
114 Speed: 2.2ms preprocess, 10.7ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
115 Frame 24: Cars: 9, Minivans: 0
116
117 0: 384x640 3 persons, 10 cars, 1 truck, 9.5ms
118 Speed: 2.0ms preprocess, 9.5ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
119 Frame 25: Cars: 10, Minivans: 0
120
121 0: 384x640 3 persons, 10 cars, 9.1ms
122 Speed: 2.5ms preprocess, 9.1ms inference, 2.1ms
    postprocess per image at shape (1, 3, 384, 640)
123 Frame 26: Cars: 10, Minivans: 0
124
125 0: 384x640 3 persons, 10 cars, 1 truck, 16.7ms
126 Speed: 2.2ms preprocess, 16.7ms inference, 2.5ms
    postprocess per image at shape (1, 3, 384, 640)
127 Frame 27: Cars: 10, Minivans: 0
128
129 0: 384x640 3 persons, 10 cars, 1 bus, 1 truck, 10.
    5ms
130 Speed: 2.0ms preprocess, 10.5ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
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131 Frame 28: Cars: 10, Minivans: 0
132
133 0: 384x640 4 persons, 9 cars, 8.5ms
134 Speed: 2.5ms preprocess, 8.5ms inference, 1.3ms
    postprocess per image at shape (1, 3, 384, 640)
135 Frame 29: Cars: 9, Minivans: 0
136
137 0: 384x640 3 persons, 9 cars, 1 bus, 1 truck, 8.2ms
138 Speed: 2.0ms preprocess, 8.2ms inference, 1.0ms
    postprocess per image at shape (1, 3, 384, 640)
139 Frame 30: Cars: 9, Minivans: 0
140
141 0: 384x640 2 persons, 8 cars, 9.5ms
142 Speed: 2.0ms preprocess, 9.5ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
143 Frame 31: Cars: 8, Minivans: 0
144
145 0: 384x640 4 persons, 8 cars, 10.1ms
146 Speed: 2.5ms preprocess, 10.1ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
147 Frame 32: Cars: 8, Minivans: 0
148
149 0: 384x640 2 persons, 8 cars, 8.0ms
150 Speed: 2.0ms preprocess, 8.0ms inference, 1.2ms
    postprocess per image at shape (1, 3, 384, 640)
151 Frame 33: Cars: 8, Minivans: 0
152
153 0: 384x640 2 persons, 8 cars, 8.5ms
154 Speed: 1.9ms preprocess, 8.5ms inference, 1.0ms
    postprocess per image at shape (1, 3, 384, 640)
155 Frame 34: Cars: 8, Minivans: 0
156
157 0: 384x640 3 persons, 9 cars, 12.9ms
158 Speed: 2.0ms preprocess, 12.9ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
159 Frame 35: Cars: 9, Minivans: 0
160
161 0: 384x640 3 persons, 10 cars, 14.2ms
162 Speed: 3.5ms preprocess, 14.2ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
163 Frame 36: Cars: 10, Minivans: 0
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164
165 0: 384x640 2 persons, 10 cars, 1 truck, 9.5ms
166 Speed: 1.0ms preprocess, 9.5ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
167 Frame 37: Cars: 10, Minivans: 0
168
169 0: 384x640 3 persons, 9 cars, 7.6ms
170 Speed: 3.0ms preprocess, 7.6ms inference, 2.5ms
    postprocess per image at shape (1, 3, 384, 640)
171 Frame 38: Cars: 9, Minivans: 0
172
173 0: 384x640 4 persons, 10 cars, 11.5ms
174 Speed: 2.0ms preprocess, 11.5ms inference, 1.0ms
    postprocess per image at shape (1, 3, 384, 640)
175 Frame 39: Cars: 10, Minivans: 0
176
177 0: 384x640 4 persons, 11 cars, 1 bus, 11.1ms
178 Speed: 1.0ms preprocess, 11.1ms inference, 1.5ms
    postprocess per image at shape (1, 3, 384, 640)
179 Frame 40: Cars: 11, Minivans: 0
180
181 0: 384x640 3 persons, 10 cars, 1 bus, 8.5ms
182 Speed: 2.0ms preprocess, 8.5ms inference, 1.0ms
    postprocess per image at shape (1, 3, 384, 640)
183 Frame 41: Cars: 10, Minivans: 0
184
185 0: 384x640 4 persons, 13 cars, 1 bus, 14.1ms
186 Speed: 2.0ms preprocess, 14.1ms inference, 3.2ms
    postprocess per image at shape (1, 3, 384, 640)
187 Frame 42: Cars: 13, Minivans: 0
188
189 0: 384x640 4 persons, 10 cars, 1 bus, 1 truck, 10.
    5ms
190 Speed: 2.5ms preprocess, 10.5ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
191 Frame 43: Cars: 10, Minivans: 0
192
193 0: 384x640 4 persons, 11 cars, 1 bus, 9.5ms
194 Speed: 2.0ms preprocess, 9.5ms inference, 1.0ms
    postprocess per image at shape (1, 3, 384, 640)
195 Frame 44: Cars: 11, Minivans: 0
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196
197 0: 384x640 4 persons, 11 cars, 10.7ms
198 Speed: 0.9ms preprocess, 10.7ms inference, 1.0ms
    postprocess per image at shape (1, 3, 384, 640)
199 Frame 45: Cars: 11, Minivans: 0
200
201 0: 384x640 5 persons, 10 cars, 1 bus, 10.5ms
202 Speed: 1.5ms preprocess, 10.5ms inference, 1.5ms
    postprocess per image at shape (1, 3, 384, 640)
203 Frame 46: Cars: 10, Minivans: 0
204
205 0: 384x640 6 persons, 10 cars, 1 truck, 8.1ms
206 Speed: 2.3ms preprocess, 8.1ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
207 Frame 47: Cars: 10, Minivans: 0
208
209 0: 384x640 7 persons, 9 cars, 1 truck, 13.4ms
210 Speed: 2.5ms preprocess, 13.4ms inference, 2.1ms
    postprocess per image at shape (1, 3, 384, 640)
211 Frame 48: Cars: 9, Minivans: 0
212
213 0: 384x640 7 persons, 11 cars, 1 truck, 11.6ms
214 Speed: 2.4ms preprocess, 11.6ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
215 Frame 49: Cars: 11, Minivans: 0
216
217 0: 384x640 6 persons, 9 cars, 1 bus, 2 trucks, 8.0ms
218 Speed: 2.0ms preprocess, 8.0ms inference, 1.0ms
    postprocess per image at shape (1, 3, 384, 640)
219 Frame 50: Cars: 9, Minivans: 0
220
221 0: 384x640 5 persons, 9 cars, 13.8ms
222 Speed: 2.0ms preprocess, 13.8ms inference, 1.0ms
    postprocess per image at shape (1, 3, 384, 640)
223 Frame 51: Cars: 9, Minivans: 0
224
225 0: 384x640 4 persons, 9 cars, 1 truck, 9.1ms
226 Speed: 1.0ms preprocess, 9.1ms inference, 1.5ms
    postprocess per image at shape (1, 3, 384, 640)
227 Frame 52: Cars: 9, Minivans: 0
228
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229 0: 384x640 4 persons, 10 cars, 9.4ms
230 Speed: 1.1ms preprocess, 9.4ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
231 Frame 53: Cars: 10, Minivans: 0
232
233 0: 384x640 4 persons, 9 cars, 1 truck, 8.8ms
234 Speed: 1.1ms preprocess, 8.8ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
235 Frame 54: Cars: 9, Minivans: 0
236
237 0: 384x640 4 persons, 9 cars, 1 truck, 14.7ms
238 Speed: 1.0ms preprocess, 14.7ms inference, 1.0ms
    postprocess per image at shape (1, 3, 384, 640)
239 Frame 55: Cars: 9, Minivans: 0
240
241 0: 384x640 2 persons, 9 cars, 1 truck, 9.6ms
242 Speed: 2.5ms preprocess, 9.6ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
243 Frame 56: Cars: 9, Minivans: 0
244
245 0: 384x640 2 persons, 10 cars, 1 bus, 1 truck, 9.6ms
246 Speed: 1.0ms preprocess, 9.6ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
247 Frame 57: Cars: 10, Minivans: 0
248
249 0: 384x640 3 persons, 9 cars, 2 buss, 12.9ms
250 Speed: 2.8ms preprocess, 12.9ms inference, 1.0ms
    postprocess per image at shape (1, 3, 384, 640)
251 Frame 58: Cars: 9, Minivans: 0
252
253 0: 384x640 3 persons, 8 cars, 2 buss, 10.3ms
254 Speed: 2.0ms preprocess, 10.3ms inference, 1.0ms
    postprocess per image at shape (1, 3, 384, 640)
255 Frame 59: Cars: 8, Minivans: 0
256
257 0: 384x640 3 persons, 8 cars, 2 buss, 12.0ms
258 Speed: 2.0ms preprocess, 12.0ms inference, 1.2ms
    postprocess per image at shape (1, 3, 384, 640)
259 Frame 60: Cars: 8, Minivans: 0
260
261 0: 384x640 3 persons, 8 cars, 1 bus, 1 umbrella, 9.
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261 5ms
262 Speed: 2.0ms preprocess, 9.5ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
263 Frame 61: Cars: 8, Minivans: 0
264
265 0: 384x640 3 persons, 8 cars, 1 bus, 2 trucks, 10.
    2ms
266 Speed: 2.5ms preprocess, 10.2ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
267 Frame 62: Cars: 8, Minivans: 0
268
269 0: 384x640 4 persons, 7 cars, 1 bus, 9.4ms
270 Speed: 2.0ms preprocess, 9.4ms inference, 1.0ms
    postprocess per image at shape (1, 3, 384, 640)
271 Frame 63: Cars: 7, Minivans: 0
272
273 0: 384x640 4 persons, 9 cars, 2 buss, 12.1ms
274 Speed: 2.5ms preprocess, 12.1ms inference, 1.0ms
    postprocess per image at shape (1, 3, 384, 640)
275 Frame 64: Cars: 9, Minivans: 0
276
277 0: 384x640 4 persons, 8 cars, 1 bus, 1 umbrella, 10.
    1ms
278 Speed: 3.0ms preprocess, 10.1ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
279 Frame 65: Cars: 8, Minivans: 0
280
281 0: 384x640 3 persons, 8 cars, 1 bus, 1 umbrella, 11.
    5ms
282 Speed: 2.0ms preprocess, 11.5ms inference, 2.5ms
    postprocess per image at shape (1, 3, 384, 640)
283 Frame 66: Cars: 8, Minivans: 0
284
285 0: 384x640 2 persons, 8 cars, 1 bus, 1 truck, 1
    umbrella, 14.9ms
286 Speed: 2.0ms preprocess, 14.9ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
287 Frame 67: Cars: 8, Minivans: 0
288
289 0: 384x640 2 persons, 7 cars, 1 bus, 1 truck, 9.5ms
290 Speed: 2.0ms preprocess, 9.5ms inference, 2.0ms
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290 postprocess per image at shape (1, 3, 384, 640)
291 Frame 68: Cars: 7, Minivans: 0
292
293 0: 384x640 3 persons, 8 cars, 1 bus, 1 truck, 8.5ms
294 Speed: 2.0ms preprocess, 8.5ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
295 Frame 69: Cars: 8, Minivans: 0
296
297 0: 384x640 3 persons, 8 cars, 1 bus, 9.6ms
298 Speed: 2.0ms preprocess, 9.6ms inference, 3.0ms
    postprocess per image at shape (1, 3, 384, 640)
299 Frame 70: Cars: 8, Minivans: 0
300
301 0: 384x640 2 persons, 8 cars, 1 bus, 8.0ms
302 Speed: 2.0ms preprocess, 8.0ms inference, 2.5ms
    postprocess per image at shape (1, 3, 384, 640)
303 Frame 71: Cars: 8, Minivans: 0
304
305 0: 384x640 2 persons, 8 cars, 1 bus, 11.6ms
306 Speed: 1.6ms preprocess, 11.6ms inference, 1.0ms
    postprocess per image at shape (1, 3, 384, 640)
307 Frame 72: Cars: 8, Minivans: 0
308
309 0: 384x640 2 persons, 8 cars, 1 bus, 10.8ms
310 Speed: 2.0ms preprocess, 10.8ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
311 Frame 73: Cars: 8, Minivans: 0
312
313 0: 384x640 2 persons, 8 cars, 1 bus, 12.5ms
314 Speed: 2.0ms preprocess, 12.5ms inference, 1.5ms
    postprocess per image at shape (1, 3, 384, 640)
315 Frame 74: Cars: 8, Minivans: 0
316
317 0: 384x640 2 persons, 7 cars, 1 bus, 1 umbrella, 11.
    5ms
318 Speed: 2.0ms preprocess, 11.5ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
319 Frame 75: Cars: 7, Minivans: 0
320
321 0: 384x640 2 persons, 8 cars, 1 bus, 1 umbrella, 11.
    1ms
```

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322 Speed: 2.0ms preprocess, 11.1ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
323 Frame 76: Cars: 8, Minivans: 0
324
325 0: 384x640 2 persons, 7 cars, 1 bus, 1 truck, 1
    umbrella, 10.9ms
326 Speed: 3.0ms preprocess, 10.9ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
327 Frame 77: Cars: 7, Minivans: 0
328
329 0: 384x640 2 persons, 5 cars, 1 bus, 1 umbrella, 12.
    0ms
330 Speed: 2.0ms preprocess, 12.0ms inference, 1.0ms
    postprocess per image at shape (1, 3, 384, 640)
331 Frame 78: Cars: 5, Minivans: 0
332
333 0: 384x640 2 persons, 8 cars, 1 bus, 1 truck, 1
    umbrella, 12.0ms
334 Speed: 1.5ms preprocess, 12.0ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
335 Frame 79: Cars: 8, Minivans: 0
336
337 0: 384x640 2 persons, 8 cars, 1 truck, 1 umbrella,
    11.4ms
338 Speed: 3.0ms preprocess, 11.4ms inference, 2.5ms
    postprocess per image at shape (1, 3, 384, 640)
339 Frame 80: Cars: 8, Minivans: 0
340
341 0: 384x640 2 persons, 8 cars, 1 bus, 1 truck, 1
    umbrella, 11.2ms
342 Speed: 3.0ms preprocess, 11.2ms inference, 3.0ms
    postprocess per image at shape (1, 3, 384, 640)
343 Frame 81: Cars: 8, Minivans: 0
344
345 0: 384x640 1 person, 7 cars, 1 bus, 1 umbrella, 12.
    5ms
346 Speed: 2.1ms preprocess, 12.5ms inference, 1.2ms
    postprocess per image at shape (1, 3, 384, 640)
347 Frame 82: Cars: 7, Minivans: 0
348
349 0: 384x640 2 persons, 8 cars, 1 bus, 1 umbrella, 13.
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349 1ms
350 Speed: 2.5ms preprocess, 13.1ms inference, 2.5ms
    postprocess per image at shape (1, 3, 384, 640)
351 Frame 83: Cars: 8, Minivans: 0
352
353 0: 384x640 2 persons, 8 cars, 1 bus, 1 umbrella, 13.
    0ms
354 Speed: 1.9ms preprocess, 13.0ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
355 Frame 84: Cars: 8, Minivans: 0
356
357 0: 384x640 1 person, 8 cars, 1 bus, 1 umbrella, 12.
    2ms
358 Speed: 2.0ms preprocess, 12.2ms inference, 2.5ms
    postprocess per image at shape (1, 3, 384, 640)
359 Frame 85: Cars: 8, Minivans: 0
360
361 0: 384x640 1 person, 8 cars, 1 bus, 1 truck, 1
    umbrella, 13.3ms
362 Speed: 2.1ms preprocess, 13.3ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
363 Frame 86: Cars: 8, Minivans: 0
364
365 0: 384x640 2 persons, 8 cars, 1 bus, 11.8ms
366 Speed: 3.2ms preprocess, 11.8ms inference, 3.0ms
    postprocess per image at shape (1, 3, 384, 640)
367 Frame 87: Cars: 8, Minivans: 0
368
369 0: 384x640 3 persons, 7 cars, 13.4ms
370 Speed: 2.0ms preprocess, 13.4ms inference, 1.0ms
    postprocess per image at shape (1, 3, 384, 640)
371 Frame 88: Cars: 7, Minivans: 0
372
373 0: 384x640 4 persons, 8 cars, 1 bus, 15.0ms
374 Speed: 3.4ms preprocess, 15.0ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
375 Frame 89: Cars: 8, Minivans: 0
376
377 0: 384x640 4 persons, 9 cars, 1 bus, 12.6ms
378 Speed: 2.5ms preprocess, 12.6ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
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379 Frame 90: Cars: 9, Minivans: 0
380
381 0: 384x640 3 persons, 8 cars, 12.5ms
382 Speed: 2.6ms preprocess, 12.5ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
383 Frame 91: Cars: 8, Minivans: 0
384
385 0: 384x640 2 persons, 8 cars, 12.9ms
386 Speed: 2.1ms preprocess, 12.9ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
387 Frame 92: Cars: 8, Minivans: 0
388
389 0: 384x640 2 persons, 9 cars, 1 bus, 1 umbrella, 13.
    5ms
390 Speed: 2.5ms preprocess, 13.5ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
391 Frame 93: Cars: 9, Minivans: 0
392
393 0: 384x640 2 persons, 7 cars, 1 bus, 1 umbrella, 13.
    2ms
394 Speed: 2.0ms preprocess, 13.2ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
395 Frame 94: Cars: 7, Minivans: 0
396
397 0: 384x640 2 persons, 8 cars, 1 truck, 1 umbrella,
    13.5ms
398 Speed: 2.0ms preprocess, 13.5ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
399 Frame 95: Cars: 8, Minivans: 0
400
401 0: 384x640 2 persons, 7 cars, 1 truck, 1 umbrella,
    16.0ms
402 Speed: 3.0ms preprocess, 16.0ms inference, 3.0ms
    postprocess per image at shape (1, 3, 384, 640)
403 Frame 96: Cars: 7, Minivans: 0
404
405 0: 384x640 2 persons, 7 cars, 1 truck, 1 umbrella,
    14.1ms
406 Speed: 3.6ms preprocess, 14.1ms inference, 1.0ms
    postprocess per image at shape (1, 3, 384, 640)
407 Frame 97: Cars: 7, Minivans: 0
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408
409 0: 384x640 2 persons, 9 cars, 1 truck, 1 umbrella,
    15.0ms
410 Speed: 1.9ms preprocess, 15.0ms inference, 3.0ms
    postprocess per image at shape (1, 3, 384, 640)
411 Frame 98: Cars: 9, Minivans: 0
412
413 0: 384x640 2 persons, 9 cars, 1 truck, 1 umbrella,
    14.0ms
414 Speed: 2.0ms preprocess, 14.0ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
415 Frame 99: Cars: 9, Minivans: 0
416
417 0: 384x640 2 persons, 9 cars, 1 truck, 1 umbrella,
    14.5ms
418 Speed: 2.0ms preprocess, 14.5ms inference, 1.5ms
    postprocess per image at shape (1, 3, 384, 640)
419 Frame 100: Cars: 9, Minivans: 0
420
421 0: 384x640 2 persons, 8 cars, 2 trucks, 1 umbrella,
    14.0ms
422 Speed: 3.6ms preprocess, 14.0ms inference, 2.2ms
    postprocess per image at shape (1, 3, 384, 640)
423 Frame 101: Cars: 8, Minivans: 0
424
425 0: 384x640 2 persons, 9 cars, 1 umbrella, 14.5ms
426 Speed: 3.0ms preprocess, 14.5ms inference, 2.5ms
    postprocess per image at shape (1, 3, 384, 640)
427 Frame 102: Cars: 9, Minivans: 0
428
429 0: 384x640 2 persons, 10 cars, 1 umbrella, 14.2ms
430 Speed: 3.0ms preprocess, 14.2ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
431 Frame 103: Cars: 10, Minivans: 0
432
433 0: 384x640 2 persons, 10 cars, 1 umbrella, 14.1ms
434 Speed: 2.0ms preprocess, 14.1ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
435 Frame 104: Cars: 10, Minivans: 0
436
437 0: 384x640 4 persons, 10 cars, 1 umbrella, 14.6ms
```

```
438 Speed: 2.5ms preprocess, 14.6ms inference, 1.0ms
      postprocess per image at shape (1, 3, 384, 640)
439 Frame 105: Cars: 10, Minivans: 0
440
441 0: 384x640 3 persons, 12 cars, 1 umbrella, 14.6ms
442 Speed: 2.0ms preprocess, 14.6ms inference, 2.1ms
      postprocess per image at shape (1, 3, 384, 640)
443 Frame 106: Cars: 12, Minivans: 0
444
445 0: 384x640 2 persons, 14 cars, 1 umbrella, 15.2ms
446 Speed: 2.0ms preprocess, 15.2ms inference, 1.0ms
      postprocess per image at shape (1, 3, 384, 640)
447 Frame 107: Cars: 14, Minivans: 0
448
449 0: 384x640 1 person, 12 cars, 1 umbrella, 15.4ms
450 Speed: 2.0ms preprocess, 15.4ms inference, 2.0ms
      postprocess per image at shape (1, 3, 384, 640)
451 Frame 108: Cars: 12, Minivans: 0
452
453 0: 384x640 11 cars, 1 truck, 1 umbrella, 14.2ms
454 Speed: 3.1ms preprocess, 14.2ms inference, 2.0ms
      postprocess per image at shape (1, 3, 384, 640)
455 Frame 109: Cars: 11, Minivans: 0
456
457 0: 384x640 1 person, 12 cars, 1 umbrella, 15.5ms
458 Speed: 2.4ms preprocess, 15.5ms inference, 2.0ms
      postprocess per image at shape (1, 3, 384, 640)
459 Frame 110: Cars: 12, Minivans: 0
460
461 0: 384x640 8 cars, 1 truck, 1 umbrella, 15.1ms
462 Speed: 3.1ms preprocess, 15.1ms inference, 2.0ms
      postprocess per image at shape (1, 3, 384, 640)
463 Frame 111: Cars: 8, Minivans: 0
464
465 0: 384x640 3 persons, 10 cars, 3 trucks, 1 umbrella
      , 15.5ms
466 Speed: 2.0ms preprocess, 15.5ms inference, 2.0ms
      postprocess per image at shape (1, 3, 384, 640)
467 Frame 112: Cars: 10, Minivans: 0
468
469 0: 384x640 3 persons, 11 cars, 1 truck, 1 umbrella,
```

```
469 15.7ms
470 Speed: 2.0ms preprocess, 15.7ms inference, 2.1ms
    postprocess per image at shape (1, 3, 384, 640)
471 Frame 113: Cars: 11, Minivans: 0
472
473 0: 384x640 2 persons, 11 cars, 1 truck, 1 umbrella,
    15.7ms
474 Speed: 3.0ms preprocess, 15.7ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
475 Frame 114: Cars: 11, Minivans: 0
476
477 0: 384x640 2 persons, 11 cars, 1 truck, 1 umbrella,
    14.5ms
478 Speed: 2.5ms preprocess, 14.5ms inference, 3.5ms
    postprocess per image at shape (1, 3, 384, 640)
479 Frame 115: Cars: 11, Minivans: 0
480
481 0: 384x640 1 person, 12 cars, 1 truck, 1 umbrella,
    15.6ms
482 Speed: 3.0ms preprocess, 15.6ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
483 Frame 116: Cars: 12, Minivans: 0
484
485 0: 384x640 2 persons, 12 cars, 1 truck, 1 umbrella,
    15.9ms
486 Speed: 3.0ms preprocess, 15.9ms inference, 2.1ms
    postprocess per image at shape (1, 3, 384, 640)
487 Frame 117: Cars: 12, Minivans: 0
488
489 0: 384x640 1 person, 12 cars, 1 truck, 1 umbrella,
    16.7ms
490 Speed: 3.5ms preprocess, 16.7ms inference, 2.5ms
    postprocess per image at shape (1, 3, 384, 640)
491 Frame 118: Cars: 12, Minivans: 0
492
493 0: 384x640 1 person, 11 cars, 1 umbrella, 15.3ms
494 Speed: 3.0ms preprocess, 15.3ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
495 Frame 119: Cars: 11, Minivans: 0
496
497 0: 384x640 2 persons, 12 cars, 1 umbrella, 16.7ms
```

```
498 Speed: 2.7ms preprocess, 16.7ms inference, 2.0ms
       postprocess per image at shape (1, 3, 384, 640)
499 Frame 120: Cars: 12, Minivans: 0
500
501 0: 384x640 2 persons, 11 cars, 1 truck, 1 umbrella,
     15.8ms
502 Speed: 3.0ms preprocess, 15.8ms inference, 2.4ms
       postprocess per image at shape (1, 3, 384, 640)
503 Frame 121: Cars: 11, Minivans: 0
504
505 0: 384x640 3 persons, 9 cars, 1 umbrella, 17.0ms
506 Speed: 3.5ms preprocess, 17.0ms inference, 2.5ms
       postprocess per image at shape (1, 3, 384, 640)
507 Frame 122: Cars: 9, Minivans: 0
508
509 0: 384x640 1 person, 9 cars, 1 truck, 1 umbrella, 17
     .2ms
510 Speed: 2.5ms preprocess, 17.2ms inference, 2.0ms
       postprocess per image at shape (1, 3, 384, 640)
511 Frame 123: Cars: 9, Minivans: 0
512
513 0: 384x640 2 persons, 9 cars, 1 truck, 1 umbrella,
     16.7ms
514 Speed: 2.0ms preprocess, 16.7ms inference, 2.0ms
       postprocess per image at shape (1, 3, 384, 640)
515 Frame 124: Cars: 9, Minivans: 0
516
517 0: 384x640 3 persons, 7 cars, 1 truck, 1 umbrella,
     17.1ms
518 Speed: 2.0ms preprocess, 17.1ms inference, 3.0ms
       postprocess per image at shape (1, 3, 384, 640)
519 Frame 125: Cars: 7, Minivans: 0
520
521 0: 384x640 3 persons, 7 cars, 1 truck, 16.6ms
522 Speed: 3.0ms preprocess, 16.6ms inference, 2.0ms
       postprocess per image at shape (1, 3, 384, 640)
523 Frame 126: Cars: 7, Minivans: 0
524
525 0: 384x640 3 persons, 8 cars, 17.0ms
526 Speed: 3.1ms preprocess, 17.0ms inference, 2.0ms
       postprocess per image at shape (1, 3, 384, 640)
```

```
527 Frame 127: Cars: 8, Minivans: 0
528
529 0: 384x640 3 persons, 8 cars, 1 truck, 1 umbrella,
    17.3ms
530 Speed: 2.0ms preprocess, 17.3ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
531 Frame 128: Cars: 8, Minivans: 0
532
533 0: 384x640 3 persons, 9 cars, 1 umbrella, 17.6ms
534 Speed: 3.5ms preprocess, 17.6ms inference, 2.5ms
    postprocess per image at shape (1, 3, 384, 640)
535 Frame 129: Cars: 9, Minivans: 0
536
537 0: 384x640 3 persons, 9 cars, 1 umbrella, 16.8ms
538 Speed: 3.0ms preprocess, 16.8ms inference, 3.0ms
    postprocess per image at shape (1, 3, 384, 640)
539 Frame 130: Cars: 9, Minivans: 0
540
541 0: 384x640 3 persons, 9 cars, 17.0ms
542 Speed: 3.0ms preprocess, 17.0ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
543 Frame 131: Cars: 9, Minivans: 0
544
545 0: 384x640 2 persons, 10 cars, 1 truck, 1 umbrella,
    22.4ms
546 Speed: 2.5ms preprocess, 22.4ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
547 Frame 132: Cars: 10, Minivans: 0
548
549 0: 384x640 1 person, 10 cars, 1 umbrella, 21.7ms
550 Speed: 3.0ms preprocess, 21.7ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
551 Frame 133: Cars: 10, Minivans: 0
552
553 0: 384x640 3 persons, 9 cars, 1 umbrella, 22.0ms
554 Speed: 3.0ms preprocess, 22.0ms inference, 2.5ms
    postprocess per image at shape (1, 3, 384, 640)
555 Frame 134: Cars: 9, Minivans: 0
556
557 0: 384x640 2 persons, 9 cars, 1 umbrella, 22.3ms
558 Speed: 2.5ms preprocess, 22.3ms inference, 3.0ms
```

```
558 postprocess per image at shape (1, 3, 384, 640)
559 Frame 135: Cars: 9, Minivans: 0
560
561 0: 384x640 2 persons, 9 cars, 1 umbrella, 22.1ms
562 Speed: 3.0ms preprocess, 22.1ms inference, 2.5ms
    postprocess per image at shape (1, 3, 384, 640)
563 Frame 136: Cars: 9, Minivans: 0
564
565 0: 384x640 2 persons, 9 cars, 1 truck, 1 umbrella,
    22.8ms
566 Speed: 2.0ms preprocess, 22.8ms inference, 2.5ms
    postprocess per image at shape (1, 3, 384, 640)
567 Frame 137: Cars: 9, Minivans: 0
568
569 0: 384x640 2 persons, 10 cars, 1 umbrella, 22.1ms
570 Speed: 4.0ms preprocess, 22.1ms inference, 4.0ms
    postprocess per image at shape (1, 3, 384, 640)
571 Frame 138: Cars: 10, Minivans: 0
572
573 0: 384x640 1 person, 11 cars, 1 umbrella, 22.5ms
574 Speed: 3.0ms preprocess, 22.5ms inference, 4.1ms
    postprocess per image at shape (1, 3, 384, 640)
575 Frame 139: Cars: 11, Minivans: 0
576
577 0: 384x640 3 persons, 10 cars, 1 umbrella, 22.1ms
578 Speed: 3.0ms preprocess, 22.1ms inference, 2.5ms
    postprocess per image at shape (1, 3, 384, 640)
579 Frame 140: Cars: 10, Minivans: 0
580
581 0: 384x640 3 persons, 9 cars, 1 umbrella, 22.6ms
582 Speed: 3.0ms preprocess, 22.6ms inference, 2.2ms
    postprocess per image at shape (1, 3, 384, 640)
583 Frame 141: Cars: 9, Minivans: 0
584
585 0: 384x640 1 person, 10 cars, 1 umbrella, 22.5ms
586 Speed: 3.0ms preprocess, 22.5ms inference, 2.5ms
    postprocess per image at shape (1, 3, 384, 640)
587 Frame 142: Cars: 10, Minivans: 0
588
589 0: 384x640 3 persons, 10 cars, 1 umbrella, 22.8ms
590 Speed: 4.0ms preprocess, 22.8ms inference, 1.0ms
```

```
590 postprocess per image at shape (1, 3, 384, 640)
591 Frame 143: Cars: 10, Minivans: 0
592
593 0: 384x640 3 persons, 10 cars, 1 truck, 1 umbrella,
      22.5ms
594 Speed: 3.0ms preprocess, 22.5ms inference, 2.0ms
      postprocess per image at shape (1, 3, 384, 640)
595 Frame 144: Cars: 10, Minivans: 0
596
597 0: 384x640 2 persons, 10 cars, 1 umbrella, 22.8ms
598 Speed: 3.0ms preprocess, 22.8ms inference, 2.0ms
      postprocess per image at shape (1, 3, 384, 640)
599 Frame 145: Cars: 10, Minivans: 0
600
601 0: 384x640 3 persons, 9 cars, 1 umbrella, 22.5ms
602 Speed: 2.5ms preprocess, 22.5ms inference, 2.0ms
      postprocess per image at shape (1, 3, 384, 640)
603 Frame 146: Cars: 9, Minivans: 0
604
605 0: 384x640 2 persons, 9 cars, 1 umbrella, 22.7ms
606 Speed: 2.5ms preprocess, 22.7ms inference, 3.0ms
      postprocess per image at shape (1, 3, 384, 640)
607 Frame 147: Cars: 9, Minivans: 0
608
609 0: 384x640 3 persons, 12 cars, 1 umbrella, 23.1ms
610 Speed: 2.5ms preprocess, 23.1ms inference, 2.0ms
      postprocess per image at shape (1, 3, 384, 640)
611 Frame 148: Cars: 12, Minivans: 0
612
613 0: 384x640 2 persons, 11 cars, 1 umbrella, 22.6ms
614 Speed: 2.5ms preprocess, 22.6ms inference, 2.0ms
      postprocess per image at shape (1, 3, 384, 640)
615 Frame 149: Cars: 11, Minivans: 0
616
617 0: 384x640 3 persons, 10 cars, 1 umbrella, 23.1ms
618 Speed: 3.0ms preprocess, 23.1ms inference, 2.0ms
      postprocess per image at shape (1, 3, 384, 640)
619 Frame 150: Cars: 10, Minivans: 0
620
621 0: 384x640 3 persons, 10 cars, 1 umbrella, 22.6ms
622 Speed: 3.0ms preprocess, 22.6ms inference, 3.0ms
```

```
622 postprocess per image at shape (1, 3, 384, 640)
623 Frame 151: Cars: 10, Minivans: 0
624
625 0: 384x640 3 persons, 10 cars, 1 umbrella, 22.1ms
626 Speed: 3.2ms preprocess, 22.1ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
627 Frame 152: Cars: 10, Minivans: 0
628
629 0: 384x640 3 persons, 10 cars, 1 umbrella, 22.7ms
630 Speed: 3.0ms preprocess, 22.7ms inference, 3.1ms
    postprocess per image at shape (1, 3, 384, 640)
631 Frame 153: Cars: 10, Minivans: 0
632
633 0: 384x640 3 persons, 9 cars, 1 umbrella, 23.2ms
634 Speed: 3.0ms preprocess, 23.2ms inference, 1.5ms
    postprocess per image at shape (1, 3, 384, 640)
635 Frame 154: Cars: 9, Minivans: 0
636
637 0: 384x640 3 persons, 10 cars, 1 umbrella, 22.5ms
638 Speed: 3.0ms preprocess, 22.5ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
639 Frame 155: Cars: 10, Minivans: 0
640
641 0: 384x640 4 persons, 10 cars, 1 umbrella, 23.0ms
642 Speed: 3.1ms preprocess, 23.0ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
643 Frame 156: Cars: 10, Minivans: 0
644
645 0: 384x640 4 persons, 11 cars, 1 umbrella, 23.7ms
646 Speed: 3.5ms preprocess, 23.7ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
647 Frame 157: Cars: 11, Minivans: 0
648
649 0: 384x640 4 persons, 11 cars, 1 umbrella, 23.6ms
650 Speed: 3.5ms preprocess, 23.6ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
651 Frame 158: Cars: 11, Minivans: 0
652
653 0: 384x640 3 persons, 12 cars, 1 umbrella, 24.1ms
654 Speed: 3.0ms preprocess, 24.1ms inference, 2.5ms
    postprocess per image at shape (1, 3, 384, 640)
```

```
655 Frame 159: Cars: 12, Minivans: 0
656
657 0: 384x640 3 persons, 11 cars, 1 umbrella, 23.1ms
658 Speed: 3.0ms preprocess, 23.1ms inference, 2.5ms
    postprocess per image at shape (1, 3, 384, 640)
659 Frame 160: Cars: 11, Minivans: 0
660
661 0: 384x640 4 persons, 10 cars, 1 umbrella, 24.0ms
662 Speed: 3.0ms preprocess, 24.0ms inference, 1.0ms
    postprocess per image at shape (1, 3, 384, 640)
663 Frame 161: Cars: 10, Minivans: 0
664
665 0: 384x640 4 persons, 11 cars, 1 umbrella, 23.1ms
666 Speed: 3.0ms preprocess, 23.1ms inference, 2.5ms
    postprocess per image at shape (1, 3, 384, 640)
667 Frame 162: Cars: 11, Minivans: 0
668
669 0: 384x640 4 persons, 11 cars, 1 umbrella, 24.6ms
670 Speed: 2.0ms preprocess, 24.6ms inference, 1.5ms
    postprocess per image at shape (1, 3, 384, 640)
671 Frame 163: Cars: 11, Minivans: 0
672
673 0: 384x640 4 persons, 14 cars, 1 umbrella, 24.7ms
674 Speed: 3.1ms preprocess, 24.7ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
675 Frame 164: Cars: 14, Minivans: 0
676
677 0: 384x640 3 persons, 10 cars, 1 umbrella, 23.6ms
678 Speed: 3.5ms preprocess, 23.6ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
679 Frame 165: Cars: 10, Minivans: 0
680
681 0: 384x640 3 persons, 11 cars, 1 umbrella, 23.0ms
682 Speed: 3.0ms preprocess, 23.0ms inference, 2.5ms
    postprocess per image at shape (1, 3, 384, 640)
683 Frame 166: Cars: 11, Minivans: 0
684
685 0: 384x640 3 persons, 10 cars, 1 umbrella, 24.4ms
686 Speed: 3.1ms preprocess, 24.4ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
687 Frame 167: Cars: 10, Minivans: 0
```

688
689 0: 384x640 3 persons, 10 cars, 1 umbrella, 23.9ms
690 Speed: 3.0ms preprocess, 23.9ms inference, 2.0ms
postprocess per image at shape (1, 3, 384, 640)
691 Frame 168: Cars: 10, Minivans: 0
692
693 0: 384x640 3 persons, 11 cars, 1 umbrella, 24.1ms
694 Speed: 3.0ms preprocess, 24.1ms inference, 2.1ms
postprocess per image at shape (1, 3, 384, 640)
695 Frame 169: Cars: 11, Minivans: 0
696
697 0: 384x640 3 persons, 11 cars, 1 umbrella, 24.3ms
698 Speed: 3.1ms preprocess, 24.3ms inference, 2.0ms
postprocess per image at shape (1, 3, 384, 640)
699 Frame 170: Cars: 11, Minivans: 0
700
701 0: 384x640 3 persons, 9 cars, 1 umbrella, 24.3ms
702 Speed: 3.4ms preprocess, 24.3ms inference, 2.5ms
postprocess per image at shape (1, 3, 384, 640)
703 Frame 171: Cars: 9, Minivans: 0
704
705 0: 384x640 3 persons, 12 cars, 1 umbrella, 23.9ms
706 Speed: 3.0ms preprocess, 23.9ms inference, 3.0ms
postprocess per image at shape (1, 3, 384, 640)
707 Frame 172: Cars: 12, Minivans: 0
708
709 0: 384x640 3 persons, 13 cars, 1 umbrella, 24.9ms
710 Speed: 3.2ms preprocess, 24.9ms inference, 2.0ms
postprocess per image at shape (1, 3, 384, 640)
711 Frame 173: Cars: 13, Minivans: 0
712
713 0: 384x640 3 persons, 10 cars, 1 umbrella, 25.0ms
714 Speed: 3.1ms preprocess, 25.0ms inference, 2.0ms
postprocess per image at shape (1, 3, 384, 640)
715 Frame 174: Cars: 10, Minivans: 0
716
717 0: 384x640 3 persons, 9 cars, 1 umbrella, 25.2ms
718 Speed: 3.0ms preprocess, 25.2ms inference, 2.0ms
postprocess per image at shape (1, 3, 384, 640)
719 Frame 175: Cars: 9, Minivans: 0
720

```
721 0: 384x640 3 persons, 10 cars, 1 truck, 1 umbrella,  
    25.5ms  
722 Speed: 1.9ms preprocess, 25.5ms inference, 2.6ms  
    postprocess per image at shape (1, 3, 384, 640)  
723 Frame 176: Cars: 10, Minivans: 0  
724  
725 0: 384x640 1 person, 10 cars, 1 truck, 1 umbrella,  
    25.4ms  
726 Speed: 4.5ms preprocess, 25.4ms inference, 1.5ms  
    postprocess per image at shape (1, 3, 384, 640)  
727 Frame 177: Cars: 10, Minivans: 0  
728  
729 0: 384x640 2 persons, 11 cars, 1 umbrella, 25.5ms  
730 Speed: 3.0ms preprocess, 25.5ms inference, 1.4ms  
    postprocess per image at shape (1, 3, 384, 640)  
731 Frame 178: Cars: 11, Minivans: 0  
732  
733 0: 384x640 3 persons, 11 cars, 1 truck, 1 umbrella,  
    24.6ms  
734 Speed: 3.0ms preprocess, 24.6ms inference, 2.0ms  
    postprocess per image at shape (1, 3, 384, 640)  
735 Frame 179: Cars: 11, Minivans: 0  
736  
737 0: 384x640 3 persons, 9 cars, 1 truck, 1 umbrella,  
    24.3ms  
738 Speed: 3.5ms preprocess, 24.3ms inference, 2.0ms  
    postprocess per image at shape (1, 3, 384, 640)  
739 Frame 180: Cars: 9, Minivans: 0  
740  
741 0: 384x640 2 persons, 10 cars, 1 umbrella, 24.6ms  
742 Speed: 3.0ms preprocess, 24.6ms inference, 2.2ms  
    postprocess per image at shape (1, 3, 384, 640)  
743 Frame 181: Cars: 10, Minivans: 0  
744  
745 0: 384x640 2 persons, 13 cars, 1 umbrella, 24.2ms  
746 Speed: 3.0ms preprocess, 24.2ms inference, 3.7ms  
    postprocess per image at shape (1, 3, 384, 640)  
747 Frame 182: Cars: 13, Minivans: 0  
748  
749 0: 384x640 1 person, 13 cars, 1 umbrella, 25.4ms  
750 Speed: 3.0ms preprocess, 25.4ms inference, 3.0ms
```

```
750 postprocess per image at shape (1, 3, 384, 640)
751 Frame 183: Cars: 13, Minivans: 0
752
753 0: 384x640 2 persons, 12 cars, 1 truck, 1 umbrella,
    25.1ms
754 Speed: 3.0ms preprocess, 25.1ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
755 Frame 184: Cars: 12, Minivans: 0
756
757 0: 384x640 1 person, 12 cars, 1 umbrella, 24.5ms
758 Speed: 5.0ms preprocess, 24.5ms inference, 4.0ms
    postprocess per image at shape (1, 3, 384, 640)
759 Frame 185: Cars: 12, Minivans: 0
760
761 0: 384x640 1 person, 10 cars, 1 truck, 1 umbrella,
    24.6ms
762 Speed: 3.0ms preprocess, 24.6ms inference, 2.5ms
    postprocess per image at shape (1, 3, 384, 640)
763 Frame 186: Cars: 10, Minivans: 0
764
765 0: 384x640 1 person, 12 cars, 1 truck, 1 umbrella,
    25.5ms
766 Speed: 3.6ms preprocess, 25.5ms inference, 2.9ms
    postprocess per image at shape (1, 3, 384, 640)
767 Frame 187: Cars: 12, Minivans: 0
768
769 0: 384x640 1 person, 12 cars, 1 umbrella, 25.0ms
770 Speed: 3.5ms preprocess, 25.0ms inference, 3.5ms
    postprocess per image at shape (1, 3, 384, 640)
771 Frame 188: Cars: 12, Minivans: 0
772
773 0: 384x640 2 persons, 11 cars, 1 truck, 1 umbrella,
    26.0ms
774 Speed: 2.0ms preprocess, 26.0ms inference, 3.2ms
    postprocess per image at shape (1, 3, 384, 640)
775 Frame 189: Cars: 11, Minivans: 0
776
777 0: 384x640 2 persons, 14 cars, 1 truck, 1 umbrella,
    26.2ms
778 Speed: 2.0ms preprocess, 26.2ms inference, 3.1ms
    postprocess per image at shape (1, 3, 384, 640)
```

```
779 Frame 190: Cars: 14, Minivans: 0
780
781 0: 384x640 1 person, 12 cars, 1 truck, 1 umbrella,
    25.9ms
782 Speed: 3.0ms preprocess, 25.9ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
783 Frame 191: Cars: 12, Minivans: 0
784
785 0: 384x640 2 persons, 13 cars, 2 trucks, 1 umbrella
    , 26.2ms
786 Speed: 2.0ms preprocess, 26.2ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
787 Frame 192: Cars: 13, Minivans: 0
788
789 0: 384x640 2 persons, 13 cars, 1 umbrella, 25.0ms
790 Speed: 2.5ms preprocess, 25.0ms inference, 3.0ms
    postprocess per image at shape (1, 3, 384, 640)
791 Frame 193: Cars: 13, Minivans: 0
792
793 0: 384x640 1 person, 13 cars, 1 truck, 1 umbrella,
    25.0ms
794 Speed: 3.0ms preprocess, 25.0ms inference, 2.5ms
    postprocess per image at shape (1, 3, 384, 640)
795 Frame 194: Cars: 13, Minivans: 0
796
797 0: 384x640 2 persons, 11 cars, 1 truck, 1 umbrella,
    26.4ms
798 Speed: 3.0ms preprocess, 26.4ms inference, 3.0ms
    postprocess per image at shape (1, 3, 384, 640)
799 Frame 195: Cars: 11, Minivans: 0
800
801 0: 384x640 2 persons, 11 cars, 1 umbrella, 25.6ms
802 Speed: 2.0ms preprocess, 25.6ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
803 Frame 196: Cars: 11, Minivans: 0
804
805 0: 384x640 2 persons, 13 cars, 1 truck, 1 umbrella,
    25.2ms
806 Speed: 3.0ms preprocess, 25.2ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
807 Frame 197: Cars: 13, Minivans: 0
```

```
808
809 0: 384x640 2 persons, 12 cars, 1 truck, 1 umbrella,
     25.1ms
810 Speed: 3.0ms preprocess, 25.1ms inference, 3.0ms
     postprocess per image at shape (1, 3, 384, 640)
811 Frame 198: Cars: 12, Minivans: 0
812
813 0: 384x640 3 persons, 11 cars, 1 truck, 1 umbrella,
     25.1ms
814 Speed: 3.5ms preprocess, 25.1ms inference, 1.0ms
     postprocess per image at shape (1, 3, 384, 640)
815 Frame 199: Cars: 11, Minivans: 0
816
817 0: 384x640 3 persons, 12 cars, 1 truck, 1 umbrella,
     24.8ms
818 Speed: 3.5ms preprocess, 24.8ms inference, 3.1ms
     postprocess per image at shape (1, 3, 384, 640)
819 Frame 200: Cars: 12, Minivans: 0
820
821 0: 384x640 3 persons, 11 cars, 2 trucks, 1 umbrella
     , 24.5ms
822 Speed: 3.0ms preprocess, 24.5ms inference, 2.1ms
     postprocess per image at shape (1, 3, 384, 640)
823 Frame 201: Cars: 11, Minivans: 0
824
825 0: 384x640 3 persons, 11 cars, 1 bus, 2 trucks, 1
     umbrella, 25.5ms
826 Speed: 3.0ms preprocess, 25.5ms inference, 2.0ms
     postprocess per image at shape (1, 3, 384, 640)
827 Frame 202: Cars: 11, Minivans: 0
828
829 0: 384x640 2 persons, 12 cars, 1 truck, 1 umbrella,
     24.3ms
830 Speed: 3.0ms preprocess, 24.3ms inference, 3.0ms
     postprocess per image at shape (1, 3, 384, 640)
831 Frame 203: Cars: 12, Minivans: 0
832
833 0: 384x640 2 persons, 12 cars, 1 truck, 1 umbrella,
     24.5ms
834 Speed: 4.0ms preprocess, 24.5ms inference, 2.6ms
     postprocess per image at shape (1, 3, 384, 640)
```

```
835 Frame 204: Cars: 12, Minivans: 0
836
837 0: 384x640 2 persons, 12 cars, 1 truck, 1 umbrella,
     25.5ms
838 Speed: 2.5ms preprocess, 25.5ms inference, 2.0ms
     postprocess per image at shape (1, 3, 384, 640)
839 Frame 205: Cars: 12, Minivans: 0
840
841 0: 384x640 2 persons, 14 cars, 1 umbrella, 24.5ms
842 Speed: 3.0ms preprocess, 24.5ms inference, 3.0ms
     postprocess per image at shape (1, 3, 384, 640)
843 Frame 206: Cars: 14, Minivans: 0
844
845 0: 384x640 3 persons, 14 cars, 1 umbrella, 24.5ms
846 Speed: 3.3ms preprocess, 24.5ms inference, 2.0ms
     postprocess per image at shape (1, 3, 384, 640)
847 Frame 207: Cars: 14, Minivans: 0
848
849 0: 384x640 3 persons, 14 cars, 1 umbrella, 24.8ms
850 Speed: 4.0ms preprocess, 24.8ms inference, 3.1ms
     postprocess per image at shape (1, 3, 384, 640)
851 Frame 208: Cars: 14, Minivans: 0
852
853 0: 384x640 3 persons, 14 cars, 1 truck, 1 umbrella,
     23.8ms
854 Speed: 4.0ms preprocess, 23.8ms inference, 2.0ms
     postprocess per image at shape (1, 3, 384, 640)
855 Frame 209: Cars: 14, Minivans: 0
856
857 0: 384x640 3 persons, 14 cars, 1 truck, 1 umbrella,
     24.9ms
858 Speed: 2.6ms preprocess, 24.9ms inference, 1.0ms
     postprocess per image at shape (1, 3, 384, 640)
859 Frame 210: Cars: 14, Minivans: 0
860
861 0: 384x640 3 persons, 14 cars, 1 umbrella, 24.5ms
862 Speed: 4.0ms preprocess, 24.5ms inference, 2.0ms
     postprocess per image at shape (1, 3, 384, 640)
863 Frame 211: Cars: 14, Minivans: 0
864
865 0: 384x640 2 persons, 14 cars, 1 umbrella, 24.6ms
```

```
866 Speed: 3.0ms preprocess, 24.6ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
867 Frame 212: Cars: 14, Minivans: 0
868
869 0: 384x640 4 persons, 12 cars, 1 umbrella, 24.1ms
870 Speed: 3.0ms preprocess, 24.1ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
871 Frame 213: Cars: 12, Minivans: 0
872
873 0: 384x640 4 persons, 12 cars, 1 umbrella, 24.6ms
874 Speed: 2.5ms preprocess, 24.6ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
875 Frame 214: Cars: 12, Minivans: 0
876
877 0: 384x640 3 persons, 12 cars, 1 umbrella, 24.3ms
878 Speed: 4.0ms preprocess, 24.3ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
879 Frame 215: Cars: 12, Minivans: 0
880
881 0: 384x640 4 persons, 11 cars, 1 umbrella, 24.7ms
882 Speed: 3.0ms preprocess, 24.7ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
883 Frame 216: Cars: 11, Minivans: 0
884
885 0: 384x640 3 persons, 13 cars, 1 umbrella, 24.6ms
886 Speed: 2.7ms preprocess, 24.6ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
887 Frame 217: Cars: 13, Minivans: 0
888
889 0: 384x640 5 persons, 15 cars, 1 umbrella, 25.0ms
890 Speed: 3.5ms preprocess, 25.0ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
891 Frame 218: Cars: 15, Minivans: 0
892
893 0: 384x640 3 persons, 13 cars, 1 umbrella, 25.2ms
894 Speed: 3.0ms preprocess, 25.2ms inference, 1.4ms
    postprocess per image at shape (1, 3, 384, 640)
895 Frame 219: Cars: 13, Minivans: 0
896
897 0: 384x640 3 persons, 14 cars, 1 truck, 1 umbrella,
    24.7ms
```

```
898 Speed: 3.0ms preprocess, 24.7ms inference, 1.7ms
    postprocess per image at shape (1, 3, 384, 640)
899 Frame 220: Cars: 14, Minivans: 0
900
901 0: 384x640 3 persons, 14 cars, 1 truck, 1 umbrella,
    24.7ms
902 Speed: 3.0ms preprocess, 24.7ms inference, 3.0ms
    postprocess per image at shape (1, 3, 384, 640)
903 Frame 221: Cars: 14, Minivans: 0
904
905 0: 384x640 3 persons, 13 cars, 1 truck, 1 umbrella,
    25.7ms
906 Speed: 2.0ms preprocess, 25.7ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
907 Frame 222: Cars: 13, Minivans: 0
908
909 0: 384x640 3 persons, 14 cars, 1 truck, 1 umbrella,
    24.5ms
910 Speed: 4.0ms preprocess, 24.5ms inference, 2.1ms
    postprocess per image at shape (1, 3, 384, 640)
911 Frame 223: Cars: 14, Minivans: 0
912
913 0: 384x640 3 persons, 13 cars, 1 truck, 1 umbrella,
    25.2ms
914 Speed: 3.0ms preprocess, 25.2ms inference, 3.0ms
    postprocess per image at shape (1, 3, 384, 640)
915 Frame 224: Cars: 13, Minivans: 0
916
917 0: 384x640 1 person, 14 cars, 1 truck, 1 umbrella,
    24.6ms
918 Speed: 5.1ms preprocess, 24.6ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
919 Frame 225: Cars: 14, Minivans: 0
920
921 0: 384x640 2 persons, 14 cars, 1 truck, 1 umbrella,
    25.2ms
922 Speed: 3.0ms preprocess, 25.2ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
923 Frame 226: Cars: 14, Minivans: 0
924
925 0: 384x640 2 persons, 17 cars, 1 truck, 1 umbrella,
```

```
925 24.1ms
926 Speed: 3.0ms preprocess, 24.1ms inference, 3.4ms
    postprocess per image at shape (1, 3, 384, 640)
927 Frame 227: Cars: 17, Minivans: 0
928
929 0: 384x640 3 persons, 14 cars, 2 trucks, 1 umbrella
    , 24.8ms
930 Speed: 3.0ms preprocess, 24.8ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
931 Frame 228: Cars: 14, Minivans: 0
932
933 0: 384x640 2 persons, 13 cars, 1 umbrella, 24.9ms
934 Speed: 3.6ms preprocess, 24.9ms inference, 4.6ms
    postprocess per image at shape (1, 3, 384, 640)
935 Frame 229: Cars: 13, Minivans: 0
936
937 0: 384x640 2 persons, 12 cars, 1 truck, 1 umbrella,
    25.6ms
938 Speed: 3.0ms preprocess, 25.6ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
939 Frame 230: Cars: 12, Minivans: 0
940
941 0: 384x640 2 persons, 13 cars, 1 truck, 1 umbrella,
    24.4ms
942 Speed: 4.0ms preprocess, 24.4ms inference, 2.3ms
    postprocess per image at shape (1, 3, 384, 640)
943 Frame 231: Cars: 13, Minivans: 0
944
945 0: 384x640 2 persons, 13 cars, 1 truck, 1 umbrella,
    24.3ms
946 Speed: 2.6ms preprocess, 24.3ms inference, 2.2ms
    postprocess per image at shape (1, 3, 384, 640)
947 Frame 232: Cars: 13, Minivans: 0
948
949 0: 384x640 2 persons, 12 cars, 1 umbrella, 24.7ms
950 Speed: 2.9ms preprocess, 24.7ms inference, 3.0ms
    postprocess per image at shape (1, 3, 384, 640)
951 Frame 233: Cars: 12, Minivans: 0
952
953 0: 384x640 2 persons, 12 cars, 1 truck, 1 umbrella,
    24.1ms
```

```
954 Speed: 3.0ms preprocess, 24.1ms inference, 3.0ms
    postprocess per image at shape (1, 3, 384, 640)
955 Frame 234: Cars: 12, Minivans: 0
956
957 0: 384x640 2 persons, 11 cars, 1 umbrella, 24.3ms
958 Speed: 3.6ms preprocess, 24.3ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
959 Frame 235: Cars: 11, Minivans: 0
960
961 0: 384x640 3 persons, 12 cars, 1 truck, 1 umbrella,
    25.1ms
962 Speed: 3.2ms preprocess, 25.1ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
963 Frame 236: Cars: 12, Minivans: 0
964
965 0: 384x640 3 persons, 9 cars, 1 bus, 1 truck, 1
    umbrella, 24.9ms
966 Speed: 3.0ms preprocess, 24.9ms inference, 3.0ms
    postprocess per image at shape (1, 3, 384, 640)
967 Frame 237: Cars: 9, Minivans: 0
968
969 0: 384x640 3 persons, 11 cars, 2 trucks, 1 umbrella
    , 24.6ms
970 Speed: 3.0ms preprocess, 24.6ms inference, 1.5ms
    postprocess per image at shape (1, 3, 384, 640)
971 Frame 238: Cars: 11, Minivans: 0
972
973 0: 384x640 3 persons, 12 cars, 1 bus, 1 umbrella, 25
    .1ms
974 Speed: 2.2ms preprocess, 25.1ms inference, 2.9ms
    postprocess per image at shape (1, 3, 384, 640)
975 Frame 239: Cars: 12, Minivans: 0
976
977 0: 384x640 3 persons, 12 cars, 1 truck, 1 umbrella,
    23.6ms
978 Speed: 3.0ms preprocess, 23.6ms inference, 2.7ms
    postprocess per image at shape (1, 3, 384, 640)
979 Frame 240: Cars: 12, Minivans: 0
980
981 0: 384x640 3 persons, 11 cars, 1 bus, 1 truck, 1
    umbrella, 25.2ms
```

```
982 Speed: 3.1ms preprocess, 25.2ms inference, 1.9ms
      postprocess per image at shape (1, 3, 384, 640)
983 Frame 241: Cars: 11, Minivans: 0
984
985 0: 384x640 2 persons, 13 cars, 1 bus, 2 trucks, 1
      umbrella, 24.6ms
986 Speed: 3.6ms preprocess, 24.6ms inference, 3.0ms
      postprocess per image at shape (1, 3, 384, 640)
987 Frame 242: Cars: 13, Minivans: 0
988
989 0: 384x640 2 persons, 12 cars, 1 truck, 1 umbrella
      , 24.8ms
990 Speed: 3.0ms preprocess, 24.8ms inference, 2.5ms
      postprocess per image at shape (1, 3, 384, 640)
991 Frame 243: Cars: 12, Minivans: 0
992
993 0: 384x640 3 persons, 11 cars, 1 bus, 2 trucks, 1
      umbrella, 24.1ms
994 Speed: 3.0ms preprocess, 24.1ms inference, 3.9ms
      postprocess per image at shape (1, 3, 384, 640)
995 Frame 244: Cars: 11, Minivans: 0
996
997 0: 384x640 2 persons, 11 cars, 1 bus, 3 trucks, 1
      umbrella, 24.7ms
998 Speed: 3.1ms preprocess, 24.7ms inference, 2.0ms
      postprocess per image at shape (1, 3, 384, 640)
999 Frame 245: Cars: 11, Minivans: 0
1000
1001 0: 384x640 1 person, 10 cars, 2 trucks, 1 umbrella
      , 24.1ms
1002 Speed: 3.0ms preprocess, 24.1ms inference, 3.0ms
      postprocess per image at shape (1, 3, 384, 640)
1003 Frame 246: Cars: 10, Minivans: 0
1004
1005 0: 384x640 2 persons, 11 cars, 1 bus, 2 trucks, 1
      umbrella, 24.7ms
1006 Speed: 2.9ms preprocess, 24.7ms inference, 2.0ms
      postprocess per image at shape (1, 3, 384, 640)
1007 Frame 247: Cars: 11, Minivans: 0
1008
1009 0: 384x640 2 persons, 11 cars, 2 trucks, 1 umbrella
```

```
1009 , 24.8ms
1010 Speed: 2.0ms preprocess, 24.8ms inference, 3.1ms
    postprocess per image at shape (1, 3, 384, 640)
1011 Frame 248: Cars: 11, Minivans: 0
1012
1013 0: 384x640 2 persons, 11 cars, 1 bus, 2 trucks, 1
    umbrella, 24.0ms
1014 Speed: 3.0ms preprocess, 24.0ms inference, 2.9ms
    postprocess per image at shape (1, 3, 384, 640)
1015 Frame 249: Cars: 11, Minivans: 0
1016
1017 0: 384x640 1 person, 12 cars, 1 bus, 1 truck, 1
    umbrella, 24.9ms
1018 Speed: 2.0ms preprocess, 24.9ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
1019 Frame 250: Cars: 12, Minivans: 0
1020
1021 0: 384x640 2 persons, 13 cars, 1 bus, 1 umbrella,
    25.2ms
1022 Speed: 3.5ms preprocess, 25.2ms inference, 1.0ms
    postprocess per image at shape (1, 3, 384, 640)
1023 Frame 251: Cars: 13, Minivans: 0
1024
1025 0: 384x640 2 persons, 12 cars, 1 bus, 3 trucks, 1
    umbrella, 25.1ms
1026 Speed: 3.0ms preprocess, 25.1ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
1027 Frame 252: Cars: 12, Minivans: 0
1028
1029 0: 384x640 2 persons, 11 cars, 1 bus, 4 trucks, 1
    umbrella, 24.9ms
1030 Speed: 2.0ms preprocess, 24.9ms inference, 2.6ms
    postprocess per image at shape (1, 3, 384, 640)
1031 Frame 253: Cars: 11, Minivans: 0
1032
1033 0: 384x640 2 persons, 12 cars, 4 trucks, 1 umbrella
    , 25.3ms
1034 Speed: 2.0ms preprocess, 25.3ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
1035 Frame 254: Cars: 12, Minivans: 0
1036
```

```
1037 0: 384x640 2 persons, 11 cars, 4 trucks, 1 umbrella  
    , 25.6ms  
1038 Speed: 3.6ms preprocess, 25.6ms inference, 2.0ms  
    postprocess per image at shape (1, 3, 384, 640)  
1039 Frame 255: Cars: 11, Minivans: 0  
1040  
1041 0: 384x640 2 persons, 11 cars, 1 bus, 2 trucks, 1  
    umbrella, 26.0ms  
1042 Speed: 2.0ms preprocess, 26.0ms inference, 1.2ms  
    postprocess per image at shape (1, 3, 384, 640)  
1043 Frame 256: Cars: 11, Minivans: 0  
1044  
1045 0: 384x640 2 persons, 12 cars, 1 bus, 2 trucks, 1  
    umbrella, 24.8ms  
1046 Speed: 3.4ms preprocess, 24.8ms inference, 2.0ms  
    postprocess per image at shape (1, 3, 384, 640)  
1047 Frame 257: Cars: 12, Minivans: 0  
1048  
1049 0: 384x640 2 persons, 11 cars, 1 bus, 2 trucks, 1  
    umbrella, 24.6ms  
1050 Speed: 3.1ms preprocess, 24.6ms inference, 2.0ms  
    postprocess per image at shape (1, 3, 384, 640)  
1051 Frame 258: Cars: 11, Minivans: 0  
1052  
1053 0: 384x640 2 persons, 12 cars, 2 trucks, 1 umbrella  
    , 24.5ms  
1054 Speed: 3.0ms preprocess, 24.5ms inference, 2.7ms  
    postprocess per image at shape (1, 3, 384, 640)  
1055 Frame 259: Cars: 12, Minivans: 0  
1056  
1057 0: 384x640 2 persons, 12 cars, 1 bus, 2 trucks, 1  
    umbrella, 24.5ms  
1058 Speed: 3.1ms preprocess, 24.5ms inference, 2.0ms  
    postprocess per image at shape (1, 3, 384, 640)  
1059 Frame 260: Cars: 12, Minivans: 0  
1060  
1061 0: 384x640 2 persons, 11 cars, 1 truck, 1 umbrella  
    , 24.6ms  
1062 Speed: 3.6ms preprocess, 24.6ms inference, 2.0ms  
    postprocess per image at shape (1, 3, 384, 640)  
1063 Frame 261: Cars: 11, Minivans: 0
```

```
1064
1065 0: 384x640 2 persons, 11 cars, 1 truck, 1 umbrella
      , 24.5ms
1066 Speed: 3.0ms preprocess, 24.5ms inference, 1.5ms
      postprocess per image at shape (1, 3, 384, 640)
1067 Frame 262: Cars: 11, Minivans: 0
1068
1069 0: 384x640 3 persons, 13 cars, 1 truck, 1 umbrella
      , 24.2ms
1070 Speed: 3.0ms preprocess, 24.2ms inference, 4.2ms
      postprocess per image at shape (1, 3, 384, 640)
1071 Frame 263: Cars: 13, Minivans: 0
1072
1073 0: 384x640 3 persons, 12 cars, 1 truck, 1 umbrella
      , 24.5ms
1074 Speed: 3.5ms preprocess, 24.5ms inference, 2.0ms
      postprocess per image at shape (1, 3, 384, 640)
1075 Frame 264: Cars: 12, Minivans: 0
1076
1077 0: 384x640 2 persons, 11 cars, 1 truck, 1 umbrella
      , 25.2ms
1078 Speed: 2.6ms preprocess, 25.2ms inference, 2.0ms
      postprocess per image at shape (1, 3, 384, 640)
1079 Frame 265: Cars: 11, Minivans: 0
1080
1081 0: 384x640 2 persons, 12 cars, 1 bus, 1 truck, 1
      umbrella, 25.1ms
1082 Speed: 3.0ms preprocess, 25.1ms inference, 1.5ms
      postprocess per image at shape (1, 3, 384, 640)
1083 Frame 266: Cars: 12, Minivans: 0
1084
1085 0: 384x640 2 persons, 10 cars, 1 truck, 1 umbrella
      , 25.4ms
1086 Speed: 3.0ms preprocess, 25.4ms inference, 2.0ms
      postprocess per image at shape (1, 3, 384, 640)
1087 Frame 267: Cars: 10, Minivans: 0
1088
1089 0: 384x640 2 persons, 12 cars, 1 bus, 1 truck, 1
      umbrella, 24.8ms
1090 Speed: 2.0ms preprocess, 24.8ms inference, 1.8ms
      postprocess per image at shape (1, 3, 384, 640)
```

```
1091 Frame 268: Cars: 12, Minivans: 0
1092
1093 0: 384x640 2 persons, 12 cars, 1 truck, 1 umbrella
, 25.5ms
1094 Speed: 3.0ms preprocess, 25.5ms inference, 2.0ms
postprocess per image at shape (1, 3, 384, 640)
1095 Frame 269: Cars: 12, Minivans: 0
1096
1097 0: 384x640 2 persons, 13 cars, 1 truck, 1 umbrella
, 24.7ms
1098 Speed: 3.5ms preprocess, 24.7ms inference, 2.0ms
postprocess per image at shape (1, 3, 384, 640)
1099 Frame 270: Cars: 13, Minivans: 0
1100
1101 0: 384x640 4 persons, 11 cars, 1 bus, 1 truck, 1
umbrella, 24.0ms
1102 Speed: 3.5ms preprocess, 24.0ms inference, 1.9ms
postprocess per image at shape (1, 3, 384, 640)
1103 Frame 271: Cars: 11, Minivans: 0
1104
1105 0: 384x640 4 persons, 11 cars, 1 truck, 1 umbrella
, 24.6ms
1106 Speed: 2.9ms preprocess, 24.6ms inference, 3.0ms
postprocess per image at shape (1, 3, 384, 640)
1107 Frame 272: Cars: 11, Minivans: 0
1108
1109 0: 384x640 4 persons, 11 cars, 1 bus, 1 umbrella,
24.4ms
1110 Speed: 2.9ms preprocess, 24.4ms inference, 3.3ms
postprocess per image at shape (1, 3, 384, 640)
1111 Frame 273: Cars: 11, Minivans: 0
1112
1113 0: 384x640 2 persons, 11 cars, 1 bus, 1 umbrella,
24.4ms
1114 Speed: 3.6ms preprocess, 24.4ms inference, 1.9ms
postprocess per image at shape (1, 3, 384, 640)
1115 Frame 274: Cars: 11, Minivans: 0
1116
1117 0: 384x640 3 persons, 11 cars, 1 bus, 1 umbrella,
25.0ms
1118 Speed: 3.3ms preprocess, 25.0ms inference, 3.5ms
```

```
1118 postprocess per image at shape (1, 3, 384, 640)
1119 Frame 275: Cars: 11, Minivans: 0
1120
1121 0: 384x640 3 persons, 11 cars, 1 bus, 1 truck, 1
umbrella, 24.9ms
1122 Speed: 3.5ms preprocess, 24.9ms inference, 2.0ms
postprocess per image at shape (1, 3, 384, 640)
1123 Frame 276: Cars: 11, Minivans: 0
1124
1125 0: 384x640 3 persons, 11 cars, 1 bus, 1 truck, 1
umbrella, 24.3ms
1126 Speed: 3.0ms preprocess, 24.3ms inference, 2.2ms
postprocess per image at shape (1, 3, 384, 640)
1127 Frame 277: Cars: 11, Minivans: 0
1128
1129 0: 384x640 3 persons, 11 cars, 1 bus, 1 truck, 1
umbrella, 24.6ms
1130 Speed: 2.9ms preprocess, 24.6ms inference, 2.0ms
postprocess per image at shape (1, 3, 384, 640)
1131 Frame 278: Cars: 11, Minivans: 0
1132
1133 0: 384x640 3 persons, 12 cars, 1 truck, 1 umbrella
, 24.5ms
1134 Speed: 3.5ms preprocess, 24.5ms inference, 4.0ms
postprocess per image at shape (1, 3, 384, 640)
1135 Frame 279: Cars: 12, Minivans: 0
1136
1137 0: 384x640 2 persons, 12 cars, 1 bus, 2 trucks, 1
umbrella, 23.9ms
1138 Speed: 3.0ms preprocess, 23.9ms inference, 3.4ms
postprocess per image at shape (1, 3, 384, 640)
1139 Frame 280: Cars: 12, Minivans: 0
1140
1141 0: 384x640 3 persons, 12 cars, 1 bus, 1 truck, 1
umbrella, 24.5ms
1142 Speed: 3.3ms preprocess, 24.5ms inference, 2.5ms
postprocess per image at shape (1, 3, 384, 640)
1143 Frame 281: Cars: 12, Minivans: 0
1144
1145 0: 384x640 2 persons, 12 cars, 1 bus, 1 truck, 1
umbrella, 24.5ms
```

```
1146 Speed: 4.0ms preprocess, 24.5ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
1147 Frame 282: Cars: 12, Minivans: 0
1148
1149 0: 384x640 1 person, 13 cars, 1 bus, 2 trucks, 25.
    6ms
1150 Speed: 2.5ms preprocess, 25.6ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
1151 Frame 283: Cars: 13, Minivans: 0
1152
1153 0: 384x640 2 persons, 12 cars, 1 bus, 2 trucks, 1
    umbrella, 25.2ms
1154 Speed: 3.6ms preprocess, 25.2ms inference, 1.5ms
    postprocess per image at shape (1, 3, 384, 640)
1155 Frame 284: Cars: 12, Minivans: 0
1156
1157 0: 384x640 1 person, 12 cars, 1 bus, 1 truck, 24.
    2ms
1158 Speed: 3.1ms preprocess, 24.2ms inference, 3.0ms
    postprocess per image at shape (1, 3, 384, 640)
1159 Frame 285: Cars: 12, Minivans: 0
1160
1161 0: 384x640 12 cars, 1 bus, 1 truck, 24.8ms
1162 Speed: 3.0ms preprocess, 24.8ms inference, 3.0ms
    postprocess per image at shape (1, 3, 384, 640)
1163 Frame 286: Cars: 12, Minivans: 0
1164
1165 0: 384x640 12 cars, 1 truck, 25.2ms
1166 Speed: 2.0ms preprocess, 25.2ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
1167 Frame 287: Cars: 12, Minivans: 0
1168
1169 0: 384x640 12 cars, 1 truck, 1 umbrella, 25.5ms
1170 Speed: 2.0ms preprocess, 25.5ms inference, 1.9ms
    postprocess per image at shape (1, 3, 384, 640)
1171 Frame 288: Cars: 12, Minivans: 0
1172
1173 0: 384x640 12 cars, 1 truck, 25.4ms
1174 Speed: 3.0ms preprocess, 25.4ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
1175 Frame 289: Cars: 12, Minivans: 0
```

```
1176
1177 0: 384x640 1 person, 11 cars, 1 truck, 24.5ms
1178 Speed: 4.0ms preprocess, 24.5ms inference, 3.1ms
    postprocess per image at shape (1, 3, 384, 640)
1179 Frame 290: Cars: 11, Minivans: 0
1180
1181 0: 384x640 11 cars, 1 truck, 25.2ms
1182 Speed: 2.0ms preprocess, 25.2ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
1183 Frame 291: Cars: 11, Minivans: 0
1184
1185 0: 384x640 1 person, 11 cars, 1 truck, 25.2ms
1186 Speed: 3.0ms preprocess, 25.2ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
1187 Frame 292: Cars: 11, Minivans: 0
1188
1189 0: 384x640 12 cars, 1 truck, 24.3ms
1190 Speed: 3.2ms preprocess, 24.3ms inference, 2.5ms
    postprocess per image at shape (1, 3, 384, 640)
1191 Frame 293: Cars: 12, Minivans: 0
1192
1193 0: 384x640 11 cars, 1 bus, 2 trucks, 25.0ms
1194 Speed: 2.5ms preprocess, 25.0ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
1195 Frame 294: Cars: 11, Minivans: 0
1196
1197 0: 384x640 1 person, 11 cars, 1 bus, 2 trucks, 25.
    0ms
1198 Speed: 3.2ms preprocess, 25.0ms inference, 1.0ms
    postprocess per image at shape (1, 3, 384, 640)
1199 Frame 295: Cars: 11, Minivans: 0
1200
1201 0: 384x640 11 cars, 1 bus, 1 truck, 1 umbrella, 26.
    1ms
1202 Speed: 2.0ms preprocess, 26.1ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
1203 Frame 296: Cars: 11, Minivans: 0
1204
1205 0: 384x640 12 cars, 1 truck, 24.9ms
1206 Speed: 2.5ms preprocess, 24.9ms inference, 2.6ms
    postprocess per image at shape (1, 3, 384, 640)
```

```
1207 Frame 297: Cars: 12, Minivans: 0
1208
1209 0: 384x640 12 cars, 1 truck, 1 umbrella, 24.9ms
1210 Speed: 3.1ms preprocess, 24.9ms inference, 2.0ms
    postprocess per image at shape (1, 3, 384, 640)
1211 Frame 298: Cars: 12, Minivans: 0
1212
1213 0: 384x640 1 person, 11 cars, 1 bus, 1 truck, 1
    umbrella, 25.3ms
1214 Speed: 3.5ms preprocess, 25.3ms inference, 1.5ms
    postprocess per image at shape (1, 3, 384, 640)
1215 Frame 299: Cars: 11, Minivans: 0
1216
1217 0: 384x640 1 person, 12 cars, 1 truck, 1 umbrella,
    24.5ms
1218 Speed: 3.1ms preprocess, 24.5ms inference, 2.6ms
    postprocess per image at shape (1, 3, 384, 640)
1219 Frame 300: Cars: 12, Minivans: 0
1220
1221 Vehicle 'truck' was tracked:
1222 First detected in frame: 0
1223 Last detected in frame: 300
1224 Tracking history (frame, bbox): [(0, tensor([ 891.
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1225

1226 Process finished with exit code 0

1227