

Python 3.6.8 |Anaconda custom (64-bit)| (default, Feb 21 2019, 18:30:04) [MSC v.1916 64 bit (AMD64)] on win32

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>>>

RESTART: C:\ObjDetAPI\models-master\research\object_detection\0
Tracker_Evaluator.py

True

Frame: 2 Total Penalty: 0.0662900042568012
 GT_area: 25038
 ST_area: 24931
 Overlap_area: 24128
 IOU: 0.9337099957431988
 Centre Distance: 3.0
 Category: True Positive

Frame: 3 Total Penalty: 0.14044446970531932
 GT_area: 23868
 ST_area: 24931
 Overlap_area: 23460
 IOU: 0.9258455345514819
 Centre Distance: 2.5
 Category: True Positive

Frame: 4 Total Penalty: 0.2481810547017218
 GT_area: 25038
 ST_area: 24931
 Overlap_area: 23562
 IOU: 0.8922634150035975
 Centre Distance: 5.0
 Category: True Positive

Frame: 5 Total Penalty: 0.3003765807994848
 GT_area: 24440
 ST_area: 24931
 Overlap_area: 24024
 IOU: 0.947804473902237
 Centre Distance: 1.5
 Category: True Positive

Frame: 6 Total Penalty: 0.3803561638219828
 GT_area: 23970
 ST_area: 24931
 Overlap_area: 23432
 IOU: 0.920020416977502
 Centre Distance: 3.5
 Category: True Positive

Frame: 7 Total Penalty: 0.44609064806211085
 GT_area: 24592
 ST_area: 24931
 Overlap_area: 23920
 IOU: 0.9342655157598719
 Centre Distance: 2.5
 Category: True Positive

Frame: 8 Total Penalty: 0.5284513701287152
 GT_area: 24360
 ST_area: 24931
 Overlap_area: 23587
 IOU: 0.9176392779333956
 Centre Distance: 3.0
 Category: True Positive

Frame: 9 Total Penalty: 0.5853168892672832
 GT_area: 24514
 ST_area: 24931
 Overlap_area: 23999
 IOU: 0.943134480861432
 Centre Distance: 1.0
 Category: True Positive

Frame: 10 Total Penalty: 0.6624612302844219
 GT_area: 23200
 ST_area: 24931
 Overlap_area: 23100
 IOU: 0.9228556589828613
 Centre Distance: 0.5
 Category: True Positive

Frame: 11 Total Penalty: 0.7293729068713273
 GT_area: 23460
 ST_area: 24931
 Overlap_area: 23358
 IOU: 0.9330883234130947
 Centre Distance: 0.5
 Category: True Positive

Frame: 12 Total Penalty: 0.801652398267581
 GT_area: 23129
 ST_area: 24931
 Overlap_area: 23129
 IOU: 0.9277205086037463
 Centre Distance: 1.0
 Category: True Positive

Frame: 13 Total Penalty: 0.8833496750250224
 GT_area: 23533
 ST_area: 24931
 Overlap_area: 23200
 IOU: 0.9183027232425586
 Centre Distance: 4.0
 Category: True Positive

Frame: 14 Total Penalty: 0.9564989698993782
 GT_area: 23300
 ST_area: 24931
 Overlap_area: 23200
 IOU: 0.9268507051256442

Centre Distance: 1.5
Category: True Positive

Frame: 15 Total Penalty: 1.061629129138879
 GT_area: 22310
 ST_area: 24931
 Overlap_area: 22310
 IOU: 0.894869840760499
 Centre Distance: 1.0
 Category: True Positive

Frame: 16 Total Penalty: 1.223957154488845
 GT_area: 20884
 ST_area: 24931
 Overlap_area: 20884
 IOU: 0.8376719746500341
 Centre Distance: 0.5
 Category: True Positive

Frame: 17 Total Penalty: 1.3277235497397375
 GT_area: 22344
 ST_area: 24931
 Overlap_area: 22344
 IOU: 0.8962336047491075
 Centre Distance: 0.5
 Category: True Positive

Frame: 18 Total Penalty: 1.455115150557996
 GT_area: 21755
 ST_area: 24931
 Overlap_area: 21755
 IOU: 0.8726083991817416
 Centre Distance: 1.0
 Category: True Positive

Frame: 19 Total Penalty: 1.632043472727183
 GT_area: 20520
 ST_area: 24931
 Overlap_area: 20520
 IOU: 0.823071677830813
 Centre Distance: 0.5
 Category: True Positive

Frame: 20 Total Penalty: 1.7852663679179095
 GT_area: 21111
 ST_area: 24931
 Overlap_area: 21111
 IOU: 0.8467771048092736
 Centre Distance: 1.0
 Category: True Positive

Frame: 21 Total Penalty: 1.9676497460415305
 GT_area: 20384
 ST_area: 24931

Overlap_area: 20384
IOU: 0.8176166218763788
Centre Distance: 1.0
Category: True Positive

Frame: 22 Total Penalty: 2.1410483261225544
GT_area: 20608
ST_area: 24931
Overlap_area: 20608
IOU: 0.8266014199189764
Centre Distance: 0.5
Category: True Positive

Frame: 23 Total Penalty: 2.3181370911139307
GT_area: 20516
ST_area: 24931
Overlap_area: 20516
IOU: 0.8229112350086238
Centre Distance: 1.5
Category: True Positive

Frame: 24 Total Penalty: 2.4735660751097592
GT_area: 21056
ST_area: 24931
Overlap_area: 21056
IOU: 0.8445710160041715
Centre Distance: 1.5
Category: True Positive

Frame: 25 Total Penalty: 2.615120949517625
GT_area: 21755
ST_area: 24931
Overlap_area: 21565
IOU: 0.858445125592134
Centre Distance: 1.0
Category: True Positive

Frame: 26 Total Penalty: 2.761565135470856
GT_area: 21280
ST_area: 24931
Overlap_area: 21280
IOU: 0.8535558140467691
Centre Distance: 2.0
Category: True Positive

Frame: 27 Total Penalty: 2.900388287370098
GT_area: 21470
ST_area: 24931
Overlap_area: 21470
IOU: 0.8611768481007581
Centre Distance: 0.0
Category: True Positive

Frame: 28 Total Penalty: 3.009409185047688

GT_area: 22213
ST_area: 24931
Overlap_area: 22213
IOU: 0.8909791023224098
Centre Distance: 1.0
Category: True Positive

Frame: 29 Total Penalty: 3.14301794522578
 GT_area: 21600
 ST_area: 24931
 Overlap_area: 21600
 IOU: 0.8663912398219085
 Centre Distance: 2.5
 Category: True Positive

Frame: 30 Total Penalty: 3.255929581341459
 GT_area: 22116
 ST_area: 24931
 Overlap_area: 22116
 IOU: 0.8870883638843208
 Centre Distance: 2.0
 Category: True Positive

Frame: 31 Total Penalty: 3.3596959765923513
 GT_area: 22344
 ST_area: 24931
 Overlap_area: 22344
 IOU: 0.8962336047491075
 Centre Distance: 2.5
 Category: True Positive

Frame: 32 Total Penalty: 3.4764983511461196
 GT_area: 22019
 ST_area: 24931
 Overlap_area: 22019
 IOU: 0.8831976254462316
 Centre Distance: 2.0
 Category: True Positive

Frame: 33 Total Penalty: 3.5870033449289602
 GT_area: 22176
 ST_area: 24931
 Overlap_area: 22176
 IOU: 0.8894950062171594
 Centre Distance: 2.0
 Category: True Positive

Frame: 34 Total Penalty: 3.7198071513830486
 GT_area: 23730
 ST_area: 24931
 Overlap_area: 22600
 IOU: 0.8671961935459115
 Centre Distance: 6.0
 Category: True Positive

Frame: 35 Total Penalty: 3.8651527836641115
 GT_area: 25536
 ST_area: 24931
 Overlap_area: 23256
 IOU: 0.8546543677189372
 Centre Distance: 7.5
 Category: True Positive

Frame: 36 Total Penalty: 4.063846951938336
 GT_area: 23625
 ST_area: 24931
 Overlap_area: 21600
 IOU: 0.8013058317257753
 Centre Distance: 10.0
 Category: True Positive

Frame: 37 Total Penalty: 4.247682659126147
 GT_area: 24416
 ST_area: 24931
 Overlap_area: 22176
 IOU: 0.8161642928121895
 Centre Distance: 9.0
 Category: True Positive

Frame: 38 Total Penalty: 4.472325894280714
 GT_area: 23712
 ST_area: 24931
 Overlap_area: 21244
 IOU: 0.7753567648454324
 Centre Distance: 11.5
 Category: True Positive

Frame: 39 Total Penalty: 4.645979255313508
 GT_area: 24300
 ST_area: 24931
 Overlap_area: 22275
 IOU: 0.8263466389672058
 Centre Distance: 8.5
 Category: True Positive

Frame: 40 Total Penalty: 4.809223954068136
 GT_area: 24182
 ST_area: 24931
 Overlap_area: 22374
 IOU: 0.8367553012453719
 Centre Distance: 8.0
 Category: True Positive

Frame: 41 Total Penalty: 4.966678209023057
 GT_area: 23504
 ST_area: 24931
 Overlap_area: 22148
 IOU: 0.8425457450450793

Centre Distance: 7.5
Category: True Positive

Frame: 42 Total Penalty: 5.120597503131755
 GT_area: 23608
 ST_area: 24931
 Overlap_area: 22246
 IOU: 0.8460807058913019
 Centre Distance: 7.5
 Category: True Positive

Frame: 43 Total Penalty: 5.3076177145168835
 GT_area: 23956
 ST_area: 24931
 Overlap_area: 21922
 IOU: 0.8129797886148711
 Centre Distance: 9.5
 Category: True Positive

Frame: 44 Total Penalty: 5.480778050955612
 GT_area: 23504
 ST_area: 24931
 Overlap_area: 21922
 IOU: 0.8268396635612718
 Centre Distance: 8.5
 Category: True Positive

Frame: 45 Total Penalty: 5.633207562770231
 GT_area: 23625
 ST_area: 24931
 Overlap_area: 22275
 IOU: 0.847570488185381
 Centre Distance: 7.0
 Category: True Positive

Frame: 46 Total Penalty: 5.789211368669375
 GT_area: 23520
 ST_area: 24931
 Overlap_area: 22176
 IOU: 0.8439961941008564
 Centre Distance: 7.0
 Category: True Positive

Frame: 47 Total Penalty: 5.925686652673059
 GT_area: 23625
 ST_area: 24931
 Overlap_area: 22500
 IOU: 0.8635247159963156
 Centre Distance: 6.0
 Category: True Positive

Frame: 48 Total Penalty: 6.07943243099667
 GT_area: 23175
 ST_area: 24931

Overlap_area: 22050
IOU: 0.8462542216763893
Centre Distance: 7.0
Category: True Positive

Frame: 49 Total Penalty: 6.214465332214212
 GT_area: 22400
 ST_area: 24931
 Overlap_area: 21952
 IOU: 0.8649670987824579
 Centre Distance: 5.5
 Category: True Positive

Frame: 50 Total Penalty: 6.3395884849235715
 GT_area: 22644
 ST_area: 24931
 Overlap_area: 22200
 IOU: 0.8748768472906404
 Centre Distance: 4.5
 Category: True Positive

Frame: 51 Total Penalty: 6.471953813229696
 GT_area: 21631
 ST_area: 24931
 Overlap_area: 21631
 IOU: 0.8676346716938751
 Centre Distance: 4.0
 Category: True Positive

Frame: 52 Total Penalty: 6.627382797225525
 GT_area: 21056
 ST_area: 24931
 Overlap_area: 21056
 IOU: 0.8445710160041715
 Centre Distance: 2.5
 Category: True Positive

Frame: 53 Total Penalty: 6.794123000185695
 GT_area: 20774
 ST_area: 24931
 Overlap_area: 20774
 IOU: 0.8332597970398299
 Centre Distance: 2.5
 Category: True Positive

Frame: 54 Total Penalty: 6.925314858339467
 GT_area: 22077
 ST_area: 24931
 Overlap_area: 21854
 IOU: 0.8688081418462272
 Centre Distance: 5.0
 Category: True Positive

Frame: 55 Total Penalty: 7.048735499308542

GT_area: 21854
ST_area: 24931
Overlap_area: 21854
IOU: 0.8765793590309253
Centre Distance: 4.5
Category: True Positive

Frame: 56 Total Penalty: 7.173319350738488
GT_area: 21825
ST_area: 24931
Overlap_area: 21825
IOU: 0.8754161485700533
Centre Distance: 4.0
Category: True Positive

Frame: 57 Total Penalty: 7.296739991707563
GT_area: 21854
ST_area: 24931
Overlap_area: 21854
IOU: 0.8765793590309253
Centre Distance: 3.5
Category: True Positive

Frame: 58 Total Penalty: 7.424091481820274
GT_area: 21756
ST_area: 24931
Overlap_area: 21756
IOU: 0.8726485098872889
Centre Distance: 2.5
Category: True Positive

Frame: 59 Total Penalty: 7.567570785000712
GT_area: 21534
ST_area: 24931
Overlap_area: 21437
IOU: 0.8565206968195621
Centre Distance: 0.0
Category: True Positive

Frame: 60 Total Penalty: 7.726770175317988
GT_area: 20962
ST_area: 24931
Overlap_area: 20962
IOU: 0.8408006096827243
Centre Distance: 0.5
Category: True Positive

Frame: 61 Total Penalty: 7.858052514574335
GT_area: 21658
ST_area: 24931
Overlap_area: 21658
IOU: 0.8687176607436525
Centre Distance: 0.5
Category: True Positive

Frame: 62 Total Penalty: 8.005980796632816
 GT_area: 21243
 ST_area: 24931
 Overlap_area: 21243
 IOU: 0.8520717179415186
 Centre Distance: 1.0
 Category: True Positive

Frame: 63 Total Penalty: 8.136340589661575
 GT_area: 21681
 ST_area: 24931
 Overlap_area: 21681
 IOU: 0.8696402069712407
 Centre Distance: 1.0
 Category: True Positive

Frame: 64 Total Penalty: 8.258758462991967
 GT_area: 21879
 ST_area: 24931
 Overlap_area: 21879
 IOU: 0.8775821266696081
 Centre Distance: 1.0
 Category: True Positive

Frame: 65 Total Penalty: 8.33268249331566
 GT_area: 23088
 ST_area: 24931
 Overlap_area: 23088
 IOU: 0.9260759696763066
 Centre Distance: 1.5
 Category: True Positive

Frame: 66 Total Penalty: 8.428506968868186
 GT_area: 22542
 ST_area: 24931
 Overlap_area: 22542
 IOU: 0.9041755244474751
 Centre Distance: 0.5
 Category: True Positive

Frame: 67 Total Penalty: 8.528422736386537
 GT_area: 22440
 ST_area: 24931
 Overlap_area: 22440
 IOU: 0.9000842324816494
 Centre Distance: 0.5
 Category: True Positive

Frame: 68 Total Penalty: 8.650840609716928
 GT_area: 21879
 ST_area: 24931
 Overlap_area: 21879
 IOU: 0.8775821266696081

Centre Distance: 1.0
Category: True Positive

Frame: 69 Total Penalty: 8.768405087676095
 GT_area: 22000
 ST_area: 24931
 Overlap_area: 22000
 IOU: 0.8824355220408326
 Centre Distance: 1.5
 Category: True Positive

Frame: 70 Total Penalty: 8.851233694631292
 GT_area: 22866
 ST_area: 24931
 Overlap_area: 22866
 IOU: 0.9171713930448037
 Centre Distance: 0.0
 Category: True Positive

Frame: 71 Total Penalty: 8.942966878217991
 GT_area: 22644
 ST_area: 24931
 Overlap_area: 22644
 IOU: 0.9082668164133008
 Centre Distance: 1.5
 Category: True Positive

Frame: 72 Total Penalty: 9.047655819696471
 GT_area: 22321
 ST_area: 24931
 Overlap_area: 22321
 IOU: 0.8953110585215194
 Centre Distance: 1.0
 Category: True Positive

Frame: 73 Total Penalty: 9.107766855363684
 GT_area: 23638
 ST_area: 24931
 Overlap_area: 23532
 IOU: 0.9398889643327875
 Centre Distance: 0.5
 Category: True Positive

Frame: 74 Total Penalty: 9.19059546231888
 GT_area: 22866
 ST_area: 24931
 Overlap_area: 22866
 IOU: 0.9171713930448037
 Centre Distance: 1.0
 Category: True Positive

Frame: 75 Total Penalty: 9.305476437966771
 GT_area: 23296
 ST_area: 24931

Overlap_area: 22644
IOU: 0.8851190243521089
Centre Distance: 3.5
Category: True Positive

Frame: 76 Total Penalty: 9.381711030099927
GT_area: 24075
ST_area: 24931
Overlap_area: 23532
IOU: 0.9237654078668446
Centre Distance: 1.0
Category: True Positive

Frame: 77 Total Penalty: 9.48913530252123
GT_area: 22866
ST_area: 24931
Overlap_area: 22542
IOU: 0.8925757275786973
Centre Distance: 3.0
Category: True Positive

Frame: 78 Total Penalty: 9.578646949677433
GT_area: 23540
ST_area: 24931
Overlap_area: 23100
IOU: 0.910488352843798
Centre Distance: 2.0
Category: True Positive

Frame: 79 Total Penalty: 9.663084164024013
GT_area: 24525
ST_area: 24931
Overlap_area: 23638
IOU: 0.9155627856534201
Centre Distance: 2.0
Category: True Positive

Frame: 80 Total Penalty: 9.789498673402404
GT_area: 23415
ST_area: 24931
Overlap_area: 22542
IOU: 0.8735854906216091
Centre Distance: 4.0
Category: True Positive

Frame: 81 Total Penalty: 9.918797424603172
GT_area: 23754
ST_area: 24931
Overlap_area: 22660
IOU: 0.8707012487992315
Centre Distance: 4.0
Category: True Positive

Frame: 82 Total Penalty: 10.093091884809235

GT_area: 23976
ST_area: 24931
Overlap_area: 22119
IOU: 0.8257055397939376
Centre Distance: 6.5
Category: True Positive

Frame: 83 Total Penalty: 10.258966567094571
GT_area: 24860
ST_area: 24931
Overlap_area: 22644
IOU: 0.8341253177146646
Centre Distance: 6.5
Category: True Positive

Frame: 84 Total Penalty: 10.451987050458612
GT_area: 25088
ST_area: 24931
Overlap_area: 22338
IOU: 0.8069795166359597
Centre Distance: 7.5
Category: True Positive

Frame: 85 Total Penalty: 10.62024925449252
GT_area: 25200
ST_area: 24931
Overlap_area: 22763
IOU: 0.8317377959660918
Centre Distance: 6.5
Category: True Positive

Frame: 86 Total Penalty: 10.780647038060096
GT_area: 25200
ST_area: 24931
Overlap_area: 22880
IOU: 0.8396022164324245
Centre Distance: 5.5
Category: True Positive

Frame: 87 Total Penalty: 10.952339840633478
GT_area: 25086
ST_area: 24931
Overlap_area: 22660
IOU: 0.8283071974266184
Centre Distance: 6.0
Category: True Positive

Frame: 88 Total Penalty: 11.106477553836257
GT_area: 24743
ST_area: 24931
Overlap_area: 22763
IOU: 0.8458622867972204
Centre Distance: 5.0
Category: True Positive

Frame: 89 Total Penalty: 11.229938041239393
 GT_area: 25197
 ST_area: 24931
 Overlap_area: 23415
 IOU: 0.8765395125968629
 Centre Distance: 4.0
 Category: True Positive

Frame: 90 Total Penalty: 11.367412961355317
 GT_area: 25197
 ST_area: 24931
 Overlap_area: 23214
 IOU: 0.8625250798840752
 Centre Distance: 3.0
 Category: True Positive

Frame: 91 Total Penalty: 11.473968796914049
 GT_area: 25410
 ST_area: 24931
 Overlap_area: 23754
 IOU: 0.8934441644412683
 Centre Distance: 1.5
 Category: True Positive

Frame: 92 Total Penalty: 11.619799033274981
 GT_area: 24961
 ST_area: 24931
 Overlap_area: 22984
 IOU: 0.8541697636390665
 Centre Distance: 4.0
 Category: True Positive

Frame: 93 Total Penalty: 11.749015412712307
 GT_area: 25872
 ST_area: 24931
 Overlap_area: 23647
 IOU: 0.8707836205626749
 Centre Distance: 2.5
 Category: True Positive

Frame: 94 Total Penalty: 11.899809063505957
 GT_area: 27028
 ST_area: 24931
 Overlap_area: 23861
 IOU: 0.8492063492063492
 Centre Distance: 4.5
 Category: True Positive

Frame: 95 Total Penalty: 11.99849707089313
 GT_area: 24486
 ST_area: 24931
 Overlap_area: 23426
 IOU: 0.9013119926128275

Centre Distance: 0.5
Category: True Positive

Frame: 96 Total Penalty: 12.115856392800453
GT_area: 25488
ST_area: 24931
Overlap_area: 23638
IOU: 0.8826406780926777
Centre Distance: 1.5
Category: True Positive

Frame: 97 Total Penalty: 12.279175690784578
GT_area: 24360
ST_area: 24931
Overlap_area: 22454
IOU: 0.8366807020158736
Centre Distance: 3.0
Category: True Positive

Frame: 98 Total Penalty: 12.41580556237728
GT_area: 24698
ST_area: 24931
Overlap_area: 22995
IOU: 0.863370128407299
Centre Distance: 1.5
Category: True Positive

Frame: 99 Total Penalty: 12.556954068263183
GT_area: 24336
ST_area: 24931
Overlap_area: 22763
IOU: 0.858851494114096
Centre Distance: 2.5
Category: True Positive

Frame: 100 Total Penalty: 12.712590729840032
GT_area: 24592
ST_area: 24931
Overlap_area: 22672
IOU: 0.8443633384231499
Centre Distance: 2.5
Category: True Positive

Frame: 101 Total Penalty: 12.86016332932822
GT_area: 25016
ST_area: 24931
Overlap_area: 22984
IOU: 0.8524274005118125
Centre Distance: 2.5
Category: True Positive

Frame: 102 Total Penalty: 13.01438578040958
GT_area: 25252
ST_area: 24931

Overlap_area: 22995
IOU: 0.8457775489186405
Centre Distance: 2.0
Category: True Positive

Frame: 103 Total Penalty: 13.186162874325266
GT_area: 24378
ST_area: 24931
Overlap_area: 22338
IOU: 0.8282229060843128
Centre Distance: 0.5
Category: True Positive

Frame: 104 Total Penalty: 13.337538848424577
GT_area: 24174
ST_area: 24931
Overlap_area: 22542
IOU: 0.848624025900689
Centre Distance: 2.5
Category: True Positive

Frame: 105 Total Penalty: 13.479631992597495
GT_area: 25095
ST_area: 24931
Overlap_area: 23100
IOU: 0.8579068558270816
Centre Distance: 1.0
Category: True Positive

Frame: 106 Total Penalty: 13.614550595121731
GT_area: 26051
ST_area: 24931
Overlap_area: 23647
IOU: 0.8650813974757636
Centre Distance: 1.0
Category: True Positive

Frame: 107 Total Penalty: 13.861483353578441
GT_area: 30366
ST_area: 24931
Overlap_area: 23754
IOU: 0.7530672415432901
Centre Distance: 7.5
Category: True Positive

Frame: 108 Total Penalty: 14.837422953678
GT_area: 35624
ST_area: 24931
Overlap_area: 24396
IOU: 0.6746867999668132
Centre Distance: 13.5
Category: False Positive

Frame: 109 Total Penalty: 16.095615323980216

GT_area: 42066
ST_area: 24931
Overlap_area: 24610
IOU: 0.5806025432325949
Centre Distance: 21.0
Category: False Positive

Frame: 110 Total Penalty: 17.45851107176138
GT_area: 45080
ST_area: 24931
Overlap_area: 24717
IOU: 0.545701417406279
Centre Distance: 30.5
Category: False Positive

Frame: 111 Total Penalty: 18.836655101414543
GT_area: 44896
ST_area: 24931
Overlap_area: 24503
IOU: 0.5406186567822787
Centre Distance: 33.5
Category: False Positive

Frame: 112 Total Penalty: 20.296827624031838
GT_area: 46995
ST_area: 24931
Overlap_area: 24396
IOU: 0.5132758257942353
Centre Distance: 43.0
Category: False Positive

Frame: 113 Total Penalty: 21.871559958078947
GT_area: 47400
ST_area: 24931
Overlap_area: 23296
IOU: 0.4750892219842969
Centre Distance: 49.5
Category: False Positive

Frame: 114 Total Penalty: 23.41635816153352
GT_area: 45828
ST_area: 24931
Overlap_area: 23112
IOU: 0.4850672655151426
Centre Distance: 46.0
Category: False Positive

Frame: 115 Total Penalty: 24.980236655460306
GT_area: 45800
ST_area: 24931
Overlap_area: 22898
IOU: 0.478707168691071
Centre Distance: 44.5
Category: False Positive

Frame: 116 Total Penalty: 26.546316934543924
GT_area: 44550
ST_area: 24931
Overlap_area: 22470
IOU: 0.4779732403054604
Centre Distance: 45.5
Category: False Positive

Frame: 117 Total Penalty: 28.123251433101537
GT_area: 44576
ST_area: 24931
Overlap_area: 22363
IOU: 0.4743551671474631
Centre Distance: 46.0
Category: False Positive

Frame: 118 Total Penalty: 29.701560303827712
GT_area: 43956
ST_area: 24931
Overlap_area: 22149
IOU: 0.4738970430912748
Centre Distance: 45.5
Category: False Positive

Frame: 119 Total Penalty: 31.361799708551104
GT_area: 42140
ST_area: 24931
Overlap_area: 20706
IOU: 0.4465868650922032
Centre Distance: 49.5
Category: False Positive

Frame: 120 Total Penalty: 33.141381074333886
GT_area: 37036
ST_area: 24931
Overlap_area: 17919
IOU: 0.4068062114057392
Centre Distance: 48.5
Category: False Positive

Frame: 121 Total Penalty: 34.88501117762951
GT_area: 32757
ST_area: 24931
Overlap_area: 17028
IOU: 0.4187899655681259
Centre Distance: 44.0
Category: False Positive

Frame: 122 Total Penalty: 36.657831833525215
GT_area: 30624
ST_area: 24931
Overlap_area: 16128
IOU: 0.409059781368098

Centre Distance: 45.5
Category: False Positive

Frame: 123 Total Penalty: 38.46011144537509
GT_area: 29575
ST_area: 24931
Overlap_area: 15552
IOU: 0.3992401293833753
Centre Distance: 45.0
Category: False Positive

Frame: 124 Total Penalty: 40.27222396266771
GT_area: 29559
ST_area: 24931
Overlap_area: 15456
IOU: 0.39596249423579444
Centre Distance: 46.0
Category: False Positive

Frame: 125 Total Penalty: 42.133652801970165
GT_area: 26568
ST_area: 24931
Overlap_area: 14168
IOU: 0.3795237202325145
Centre Distance: 42.5
Category: False Positive

Frame: 126 Total Penalty: 44.18180954195731
GT_area: 22200
ST_area: 24931
Overlap_area: 11352
IOU: 0.31728108667095223
Centre Distance: 41.5
Category: False Positive

Frame: 127 Total Penalty: 46.28438612369221
GT_area: 20448
ST_area: 24931
Overlap_area: 10449
IOU: 0.29914113942170056
Centre Distance: 43.5
Category: False Positive

Frame: 128 Total Penalty: 48.42585397707748
GT_area: 20300
ST_area: 24931
Overlap_area: 10064
IOU: 0.286177382204908
Centre Distance: 49.5
Category: False Positive

Frame: 129 Total Penalty: 50.571832471701136
GT_area: 19872
ST_area: 24931

Overlap_area: 9928
IOU: 0.284673835125448
Centre Distance: 49.5
Category: False Positive

Frame: 130 Total Penalty: 52.7626583158312
GT_area: 19856
ST_area: 24931
Overlap_area: 9514
IOU: 0.2697247186233096
Centre Distance: 50.5
Category: False Positive

Frame: 131 Total Penalty: 54.92019794066761
GT_area: 19110
ST_area: 24931
Overlap_area: 9656
IOU: 0.2808201250545296
Centre Distance: 47.5
Category: False Positive

Frame: 132 Total Penalty: 57.14226454063903
GT_area: 19126
ST_area: 24931
Overlap_area: 9072
IOU: 0.2593111333428612
Centre Distance: 47.0
Category: False Positive

Frame: 133 Total Penalty: 59.29480006102716
GT_area: 19479
ST_area: 24931
Overlap_area: 9782
IOU: 0.2824881598706249
Centre Distance: 45.0
Category: False Positive

Frame: 134 Total Penalty: 61.48225338440281
GT_area: 21014
ST_area: 24931
Overlap_area: 9792
IOU: 0.27084889220811553
Centre Distance: 48.0
Category: False Positive

Frame: 135 Total Penalty: 63.34563609015018
GT_area: 27946
ST_area: 24931
Overlap_area: 14529
IOU: 0.37887243141754456
Centre Distance: 45.0
Category: False Positive

Frame: 136 Total Penalty: 65.17692466940895

GT_area: 29322
ST_area: 24931
Overlap_area: 15210
IOU: 0.38957047358041136
Centre Distance: 44.5
Category: False Positive

Frame: 137 Total Penalty: 67.01614833993365
GT_area: 37740
ST_area: 24931
Overlap_area: 17484
IOU: 0.3869254431584305
Centre Distance: 52.0
Category: False Positive

Frame: 138 Total Penalty: 68.72324170845889
GT_area: 40128
ST_area: 24931
Overlap_area: 19594
IOU: 0.4309688771582536
Centre Distance: 52.5
Category: False Positive

Frame: 139 Total Penalty: 70.42239641895235
GT_area: 45114
ST_area: 24931
Overlap_area: 21186
IOU: 0.4336150965021797
Centre Distance: 39.5
Category: False Positive

Frame: 140 Total Penalty: 72.20270949409434
GT_area: 46144
ST_area: 24931
Overlap_area: 20544
IOU: 0.40656230828600265
Centre Distance: 25.5
Category: False Positive

Frame: 141 Total Penalty: 74.04357382036012
GT_area: 46864
ST_area: 24931
Overlap_area: 20009
IOU: 0.38637855791140463
Centre Distance: 23.5
Category: False Positive

Frame: 142 Total Penalty: 75.91165479016799
GT_area: 47328
ST_area: 24931
Overlap_area: 19795
IOU: 0.37730634339737723
Centre Distance: 20.5
Category: False Positive

Frame: 143 Total Penalty: 77.78347742780619
GT_area: 47502
ST_area: 24931
Overlap_area: 19795
IOU: 0.37605912078726395
Centre Distance: 12.0
Category: False Positive

Frame: 144 Total Penalty: 79.66477232218944
GT_area: 45978
ST_area: 24931
Overlap_area: 19260
IOU: 0.3729017018722531
Centre Distance: 13.5
Category: False Positive

Frame: 145 Total Penalty: 80.28419717516924
GT_area: 43384
ST_area: 24931
Overlap_area: 18832
IOU: 0.38057514702018874
Centre Distance: 7.0
Category: True Positive

Frame: 146 Total Penalty: 80.90137069931951
GT_area: 42320
ST_area: 24931
Overlap_area: 18618
IOU: 0.3828264758497317
Centre Distance: 3.5
Category: True Positive

Frame: 147 Total Penalty: 81.50498159161017
GT_area: 40656
ST_area: 24931
Overlap_area: 18618
IOU: 0.3963891077093402
Centre Distance: 9.5
Category: True Positive

Frame: 148 Total Penalty: 83.33783593517647
GT_area: 38868
ST_area: 24931
Overlap_area: 17869
IOU: 0.3890485521445678
Centre Distance: 12.5
Category: False Positive

Frame: 149 Total Penalty: 85.18356230051666
GT_area: 38610
ST_area: 24931
Overlap_area: 17655
IOU: 0.38475787821993634

Centre Distance: 14.0
Category: False Positive

Frame: 150 Total Penalty: 86.92924031879923
GT_area: 34950
ST_area: 24931
Overlap_area: 17655
IOU: 0.41810732723914174
Centre Distance: 12.5
Category: False Positive

Frame: 151 Total Penalty: 88.61919925870218
GT_area: 32802
ST_area: 24931
Overlap_area: 17548
IOU: 0.4366803533656837
Centre Distance: 11.5
Category: False Positive

Frame: 152 Total Penalty: 90.28759012216628
GT_area: 31455
ST_area: 24931
Overlap_area: 17334
IOU: 0.44386971217863364
Centre Distance: 10.0
Category: False Positive

Frame: 153 Total Penalty: 90.81836581672013
GT_area: 31020
ST_area: 24931
Overlap_area: 17869
IOU: 0.4692243054461425
Centre Distance: 7.5
Category: True Positive

Frame: 154 Total Penalty: 91.34875737741072
GT_area: 30654
ST_area: 24931
Overlap_area: 17762
IOU: 0.4696084393094149
Centre Distance: 7.0
Category: True Positive

Frame: 155 Total Penalty: 91.86459448148312
GT_area: 29845
ST_area: 24931
Overlap_area: 17869
IOU: 0.4841628959276018
Centre Distance: 4.0
Category: True Positive

Frame: 156 Total Penalty: 92.38185273011062
GT_area: 29625
ST_area: 24931

Overlap_area: 17762
IOU: 0.4827417513725064
Centre Distance: 5.0
Category: True Positive

Frame: 157 Total Penalty: 92.90426352791899
GT_area: 30353
ST_area: 24931
Overlap_area: 17869
IOU: 0.47758920219163437
Centre Distance: 5.0
Category: True Positive

Frame: 158 Total Penalty: 94.47041704570132
GT_area: 30464
ST_area: 24931
Overlap_area: 17914
IOU: 0.4779488274058856
Centre Distance: 11.5
Category: False Positive

Frame: 159 Total Penalty: 94.98956346264382
GT_area: 30099
ST_area: 24931
Overlap_area: 17869
IOU: 0.48085358305750653
Centre Distance: 8.0
Category: True Positive

Frame: 160 Total Penalty: 95.50217219408744
GT_area: 29274
ST_area: 24931
Overlap_area: 17762
IOU: 0.4873912685563757
Centre Distance: 6.0
Category: True Positive

Frame: 161 Total Penalty: 96.01360107799404
GT_area: 29512
ST_area: 24931
Overlap_area: 17869
IOU: 0.4885711160933997
Centre Distance: 4.5
Category: True Positive

Frame: 162 Total Penalty: 96.52142894798213
GT_area: 28920
ST_area: 24931
Overlap_area: 17762
IOU: 0.492172130011915
Centre Distance: 6.5
Category: True Positive

Frame: 163 Total Penalty: 97.05954657690374

GT_area: 31964
ST_area: 24931
Overlap_area: 17976
IOU: 0.4618823710783936
Centre Distance: 8.0
Category: True Positive

Frame: 164 Total Penalty: 98.7906131535006
GT_area: 31944
ST_area: 24931
Overlap_area: 16906
IOU: 0.4229778078010458
Centre Distance: 12.5
Category: False Positive

Frame: 165 Total Penalty: 100.55591953315427
GT_area: 31070
ST_area: 24931
Overlap_area: 16328
IOU: 0.41156454011544374
Centre Distance: 14.5
Category: False Positive

Frame: 166 Total Penalty: 102.26463702059898
GT_area: 32319
ST_area: 24931
Overlap_area: 17227
IOU: 0.43042750418509357
Centre Distance: 12.0
Category: False Positive

Frame: 167 Total Penalty: 104.04775286225532
GT_area: 32912
ST_area: 24931
Overlap_area: 16692
IOU: 0.4056280527812204
Centre Distance: 13.5
Category: False Positive

Frame: 168 Total Penalty: 105.80166509756717
GT_area: 31416
ST_area: 24931
Overlap_area: 16536
IOU: 0.4153625882293838
Centre Distance: 15.5
Category: False Positive

Frame: 169 Total Penalty: 107.49256999138065
GT_area: 31070
ST_area: 24931
Overlap_area: 17013
IOU: 0.4363650353955063
Centre Distance: 10.5
Category: False Positive

Frame: 170 Total Penalty: 109.21546796918207
GT_area: 31330
ST_area: 24931
Overlap_area: 16799
IOU: 0.4257006740661903
Centre Distance: 10.5
Category: False Positive

Frame: 171 Total Penalty: 110.97208002878929
GT_area: 32400
ST_area: 24931
Overlap_area: 16799
IOU: 0.41446264679759204
Centre Distance: 13.0
Category: False Positive

Frame: 172 Total Penalty: 112.717112151903
GT_area: 32026
ST_area: 24931
Overlap_area: 16799
IOU: 0.4183226256287664
Centre Distance: 12.5
Category: False Positive

Frame: 173 Total Penalty: 114.50654790891099
GT_area: 33499
ST_area: 24931
Overlap_area: 16799
IOU: 0.40352141433066707
Centre Distance: 14.0
Category: False Positive

Frame: 174 Total Penalty: 116.23459961895828
GT_area: 32568
ST_area: 24931
Overlap_area: 17120
IOU: 0.42398276331756607
Centre Distance: 15.5
Category: False Positive

Frame: 175 Total Penalty: 117.96127594819774
GT_area: 31088
ST_area: 24931
Overlap_area: 16692
IOU: 0.4244412235868487
Centre Distance: 13.5
Category: False Positive

Frame: 176 Total Penalty: 119.7213786251321
GT_area: 32880
ST_area: 24931
Overlap_area: 16906
IOU: 0.4132991076885466

Centre Distance: 14.0
Category: False Positive

Frame: 177 Total Penalty: 121.49522159422865
GT_area: 32232
ST_area: 24931
Overlap_area: 16585
IOU: 0.40871901030114843
Centre Distance: 13.5
Category: False Positive

Frame: 178 Total Penalty: 123.25355056031385
GT_area: 31725
ST_area: 24931
Overlap_area: 16585
IOU: 0.41389034463826707
Centre Distance: 13.0
Category: False Positive

Frame: 179 Total Penalty: 125.0237561154601
GT_area: 32480
ST_area: 24931
Overlap_area: 16692
IOU: 0.4099314816179179
Centre Distance: 13.5
Category: False Positive

Frame: 180 Total Penalty: 126.78254970923349
GT_area: 31740
ST_area: 24931
Overlap_area: 16585
IOU: 0.41373546874220424
Centre Distance: 14.5
Category: False Positive

Frame: 181 Total Penalty: 128.54723828927615
GT_area: 32665
ST_area: 24931
Overlap_area: 16799
IOU: 0.4117704733191166
Centre Distance: 14.0
Category: False Positive

Frame: 182 Total Penalty: 130.3059888542337
GT_area: 31373
ST_area: 24931
Overlap_area: 16478
IOU: 0.41374981168081154
Centre Distance: 13.0
Category: False Positive

Frame: 183 Total Penalty: 132.05462315445683
GT_area: 30324
ST_area: 24931

Overlap_area: 16264
IOU: 0.4171218999256239
Centre Distance: 13.0
Category: False Positive

Frame: 184 Total Penalty: 133.80016885441827
GT_area: 30228
ST_area: 24931
Overlap_area: 16264
IOU: 0.4181514333461885
Centre Distance: 10.5
Category: False Positive

Frame: 185 Total Penalty: 134.37450582789722
GT_area: 29900
ST_area: 24931
Overlap_area: 16371
IOU: 0.42566302652106086
Centre Distance: 9.5
Category: True Positive

Frame: 186 Total Penalty: 136.10181860322763
GT_area: 30030
ST_area: 24931
Overlap_area: 16371
IOU: 0.42422907488986783
Centre Distance: 10.5
Category: False Positive

Frame: 187 Total Penalty: 137.82730311212677
GT_area: 29106
ST_area: 24931
Overlap_area: 16112
IOU: 0.424838497033619
Centre Distance: 10.5
Category: False Positive

Frame: 188 Total Penalty: 139.54343825579585
GT_area: 29337
ST_area: 24931
Overlap_area: 16264
IOU: 0.42795495211030415
Centre Distance: 10.0
Category: False Positive

Frame: 189 Total Penalty: 140.1087733945907
GT_area: 28044
ST_area: 24931
Overlap_area: 16050
IOU: 0.4346648612051456
Centre Distance: 8.0
Category: True Positive

Frame: 190 Total Penalty: 140.66737354757944

GT_area: 27830
ST_area: 24931
Overlap_area: 16157
IOU: 0.4413998470112556
Centre Distance: 7.0
Category: True Positive

Frame: 191 Total Penalty: 141.2301748877772
GT_area: 27830
ST_area: 24931
Overlap_area: 16050
IOU: 0.4371986598022391
Centre Distance: 6.0
Category: True Positive

Frame: 192 Total Penalty: 141.77907266631155
GT_area: 26216
ST_area: 24931
Overlap_area: 15900
IOU: 0.45110222146565665
Centre Distance: 5.5
Category: True Positive

Frame: 193 Total Penalty: 142.3360446910453
GT_area: 28044
ST_area: 24931
Overlap_area: 16264
IOU: 0.44302797526626897
Centre Distance: 7.0
Category: True Positive

Frame: 194 Total Penalty: 142.88032742360014
GT_area: 26680
ST_area: 24931
Overlap_area: 16157
IOU: 0.4557172674451402
Centre Distance: 4.5
Category: True Positive

Frame: 195 Total Penalty: 143.43038690294836
GT_area: 27480
ST_area: 24931
Overlap_area: 16264
IOU: 0.44994052065178297
Centre Distance: 4.5
Category: True Positive

Frame: 196 Total Penalty: 143.9920224847959
GT_area: 27588
ST_area: 24931
Overlap_area: 16006
IOU: 0.4383644181524389
Centre Distance: 8.0
Category: True Positive

Frame: 197 Total Penalty: 144.5378096213893
GT_area: 27140
ST_area: 24931
Overlap_area: 16264
IOU: 0.4542128634065965
Centre Distance: 5.5
Category: True Positive

Frame: 198 Total Penalty: 145.08673611079638
GT_area: 26096
ST_area: 24931
Overlap_area: 15862
IOU: 0.4510735105929191
Centre Distance: 6.5
Category: True Positive

Frame: 199 Total Penalty: 145.64576456869716
GT_area: 26565
ST_area: 24931
Overlap_area: 15759
IOU: 0.4409715420992249
Centre Distance: 8.0
Category: True Positive

Frame: 200 Total Penalty: 148.11070793607956
GT_area: 25942
ST_area: 24931
Overlap_area: 7700
IOU: 0.17835221087253608
Centre Distance: 58.0
Category: False Positive

Frame: 201 Total Penalty: 151.03286641654825
GT_area: 25680
ST_area: 24931
Overlap_area: 1280
IOU: 0.025947173177109727
Centre Distance: 99.0
Category: False Positive

Frame: 202 Total Penalty: 152.99377442763443
GT_area: 26076
ST_area: 24931
Overlap_area: 13122
IOU: 0.34636399630460607
Centre Distance: 187.5
Category: False Positive

Frame: 203 Total Penalty: 153.4290350845662
GT_area: 28548
ST_area: 24931
Overlap_area: 24648
IOU: 0.8549131143560751

Centre Distance: 268.0
Category: False Positive

Frame: 204 Total Penalty: 149.82471853780362
GT_area: 26244
ST_area: 24931
Overlap_area: 35190
IOU: 2.2014388489208634
Centre Distance: 337.5
Category: False Positive

Frame: 205 Total Penalty: 146.1826382777711
GT_area: 26487
ST_area: 24931
Overlap_area: 35420
IOU: 2.214026753344168
Centre Distance: 338.0
Category: False Positive

Frame: 206 Total Penalty: 137.58241525017144
GT_area: 27440
ST_area: 24931
Overlap_area: 41610
IOU: 3.8667410091998886
Centre Distance: 394.5
Category: False Positive

Frame: 207 Total Penalty: 125.18595466639759
GT_area: 28431
ST_area: 24931
Overlap_area: 44660
IOU: 5.132153527924615
Centre Distance: 431.0
Category: False Positive

Frame: 208 Total Penalty: 109.29398603470479
GT_area: 29040
ST_area: 24931
Overlap_area: 46575
IOU: 6.297322877230935
Centre Distance: 458.5
Category: False Positive

Frame: 209 Total Penalty: 92.14554069869676
GT_area: 28920
ST_area: 24931
Overlap_area: 46872
IOU: 6.716148445336008
Centre Distance: 491.5
Category: False Positive

Frame: 210 Total Penalty: 78.99282616279484
GT_area: 29750
ST_area: 24931

Overlap_area: 46116
IOU: 5.384238178633976
Centre Distance: 494.0
Category: False Positive

Frame: 211 Total Penalty: 61.34728797088597
GT_area: 29036
ST_area: 24931
Overlap_area: 47120
IOU: 6.881846063969622
Centre Distance: 494.5
Category: False Positive

Frame: 212 Total Penalty: 41.63740654796107
GT_area: 29274
ST_area: 24931
Overlap_area: 47880
IOU: 7.5699604743083
Centre Distance: 495.0
Category: False Positive

Frame: 213 Total Penalty: 22.04182295174656
GT_area: 29161
ST_area: 24931
Overlap_area: 47752
IOU: 7.53186119873817
Centre Distance: 490.0
Category: False Positive

Frame: 214 Total Penalty: 9.05403915550362
GT_area: 29988
ST_area: 24931
Overlap_area: 46242
IOU: 5.329261265414313
Centre Distance: 483.5
Category: False Positive

Frame: 215 Total Penalty: 1.0900894427403198
GT_area: 30976
ST_area: 24931
Overlap_area: 43896
IOU: 3.6546499042544336
Centre Distance: 471.5
Category: False Positive

Frame: 216 Total Penalty: -2.1284752998493834
GT_area: 34160
ST_area: 24931
Overlap_area: 39861
IOU: 2.0728549141965678
Centre Distance: 432.5
Category: False Positive

Frame: 217 Total Penalty: -2.955897396166664

GT_area: 35321
ST_area: 24931
Overlap_area: 33777
IOU: 1.2758073654390936
Centre Distance: 368.0
Category: False Positive

Frame: 218 Total Penalty: -3.864575920698119
GT_area: 32943
ST_area: 24931
Overlap_area: 32743
IOU: 1.302892841510485
Centre Distance: 362.0
Category: False Positive

Frame: 219 Total Penalty: -2.5141641393911947
GT_area: 35478
ST_area: 24931
Overlap_area: 21432
IOU: 0.5498627395643585
Centre Distance: 267.5
Category: False Positive

Frame: 220 Total Penalty: -0.028125555829604743
GT_area: 34510
ST_area: 24931
Overlap_area: 8694
IOU: 0.17132047214613672
Centre Distance: 180.0
Category: False Positive

Frame: 221 Total Penalty: 2.7866997778824087
GT_area: 31144
ST_area: 24931
Overlap_area: 3260
IOU: 0.06172488876266212
Centre Distance: 101.5
Category: False Positive

Frame: 222 Total Penalty: 5.0599149724412396
GT_area: 28767
ST_area: 24931
Overlap_area: 10472
IOU: 0.24226160181372322
Centre Distance: 50.0
Category: False Positive

Frame: 223 Total Penalty: 6.701750425845181
GT_area: 28288
ST_area: 24931
Overlap_area: 16585
IOU: 0.45272151553201945
Centre Distance: 10.5
Category: False Positive

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Frame: 224 Total Penalty: 8.353662226984829  
GT_area: 27720  
ST_area: 24931  
Overlap_area: 16324  
IOU: 0.4493627329534506  
Centre Distance: 10.5  
Category: False Positive  
-----  
Frame: 225 Total Penalty: 8.869771236206867  
GT_area: 25272  
ST_area: 24931  
Overlap_area: 16371  
IOU: 0.4838909907779617  
Centre Distance: 4.0  
Category: True Positive  
-----  
Frame: 226 Total Penalty: 9.361560265480763  
GT_area: 23653  
ST_area: 24931  
Overlap_area: 16371  
IOU: 0.5082109707261043  
Centre Distance: 1.0  
Category: True Positive  
-----  
Frame: 227 Total Penalty: 9.8621299695426  
GT_area: 23760  
ST_area: 24931  
Overlap_area: 16218  
IOU: 0.499430295938164  
Centre Distance: 2.5  
Category: True Positive  
-----  
Frame: 228 Total Penalty: 10.352512221263348  
GT_area: 24198  
ST_area: 24931  
Overlap_area: 16585  
IOU: 0.5096177482792527  
Centre Distance: 1.0  
Category: True Positive  
-----  
Frame: 229 Total Penalty: 10.86420463908832  
GT_area: 24966  
ST_area: 24931  
Overlap_area: 16371  
IOU: 0.48830758217502834  
Centre Distance: 0.5  
Category: True Positive  
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Frame: 230 Total Penalty: 11.372361466488048  
GT_area: 24725  
ST_area: 24931  
Overlap_area: 16371  
IOU: 0.4918431726002704
```

Centre Distance: 0.0
Category: True Positive

Frame: 231 Total Penalty: 11.885488243916576
GT_area: 24738
ST_area: 24931
Overlap_area: 16264
IOU: 0.4868732225714713
Centre Distance: 1.5
Category: True Positive

Frame: 232 Total Penalty: 12.400349704873754
GT_area: 25185
ST_area: 24931
Overlap_area: 16371
IOU: 0.48513853904282117
Centre Distance: 1.0
Category: True Positive

Frame: 233 Total Penalty: 12.91860726955728
GT_area: 25752
ST_area: 24931
Overlap_area: 16478
IOU: 0.4817424353164742
Centre Distance: 1.5
Category: True Positive

Frame: 234 Total Penalty: 13.442818282175303
GT_area: 26180
ST_area: 24931
Overlap_area: 16478
IOU: 0.4757889873819767
Centre Distance: 2.0
Category: True Positive

Frame: 235 Total Penalty: 13.96013448488765
GT_area: 27000
ST_area: 24931
Overlap_area: 16906
IOU: 0.48268379728765165
Centre Distance: 3.5
Category: True Positive

Frame: 236 Total Penalty: 14.498035155125178
GT_area: 27206
ST_area: 24931
Overlap_area: 16478
IOU: 0.4620993297624723
Centre Distance: 2.5
Category: True Positive

Frame: 237 Total Penalty: 15.035818995748135
GT_area: 26520
ST_area: 24931

Overlap_area: 16264
IOU: 0.46221615937704263
Centre Distance: 4.5
Category: True Positive

Frame: 238 Total Penalty: 15.566386180470278
GT_area: 26314
ST_area: 24931
Overlap_area: 16371
IOU: 0.4694328152778574
Centre Distance: 3.5
Category: True Positive

Frame: 239 Total Penalty: 16.075077554691333
GT_area: 25086
ST_area: 24931
Overlap_area: 16478
IOU: 0.4913086257789439
Centre Distance: 1.0
Category: True Positive

Frame: 240 Total Penalty: 16.578804530604597
GT_area: 23647
ST_area: 24931
Overlap_area: 16112
IOU: 0.4962730240867369
Centre Distance: 1.0
Category: True Positive

Frame: 241 Total Penalty: 17.157143970460524
GT_area: 20855
ST_area: 24931
Overlap_area: 13580
IOU: 0.42166056014407255
Centre Distance: 4.0
Category: True Positive

Frame: 242 Total Penalty: 17.77828934490986
GT_area: 18576
ST_area: 24931
Overlap_area: 11954
IOU: 0.3788546255506608
Centre Distance: 9.5
Category: True Positive

Frame: 243 Total Penalty: 18.387975415267963
GT_area: 19135
ST_area: 24931
Overlap_area: 12371
IOU: 0.39031392964189937
Centre Distance: 8.0
Category: True Positive

Frame: 244 Total Penalty: 20.38452287971318

GT_area: 17200
ST_area: 24931
Overlap_area: 10560
IOU: 0.33448417851826046
Centre Distance: 12.5
Category: False Positive

Frame: 245 Total Penalty: 22.459600155771945
GT_area: 16125
ST_area: 24931
Overlap_area: 9675
IOU: 0.3083075746470794
Centre Distance: 15.0
Category: False Positive

Frame: 246 Total Penalty: 24.614961630784073
GT_area: 14688
ST_area: 24931
Overlap_area: 8704
IOU: 0.28154617499595663
Centre Distance: 18.5
Category: False Positive

Frame: 247 Total Penalty: 26.82339332277463
GT_area: 13082
ST_area: 24931
Overlap_area: 7936
IOU: 0.26385610266981413
Centre Distance: 21.5
Category: False Positive

Frame: 248 Total Penalty: 29.05310814340918
GT_area: 12660
ST_area: 24931
Overlap_area: 7680
IOU: 0.2567617264551503
Centre Distance: 22.5
Category: False Positive

Frame: 249 Total Penalty: 31.30222824530976
GT_area: 12369
ST_area: 24931
Overlap_area: 7467
IOU: 0.2502932993664734
Centre Distance: 25.0
Category: False Positive

Frame: 250 Total Penalty: 33.59909842459741
GT_area: 11077
ST_area: 24931
Overlap_area: 6837
IOU: 0.2343766069041171
Centre Distance: 27.0
Category: False Positive

Frame: 251 Total Penalty: 35.92686688958321
GT_area: 10850
ST_area: 24931
Overlap_area: 6550
IOU: 0.22407717833806576
Centre Distance: 27.5
Category: False Positive

Frame: 252 Total Penalty: 38.32577810949624
GT_area: 10128
ST_area: 24931
Overlap_area: 5852
IOU: 0.20036292669565514
Centre Distance: 33.5
Category: False Positive

Frame: 253 Total Penalty: 40.72376290709214
GT_area: 9030
ST_area: 24931
Overlap_area: 5676
IOU: 0.20067173413470038
Centre Distance: 31.0
Category: False Positive

Frame: 254 Total Penalty: 43.1602884386204
GT_area: 7752
ST_area: 24931
Overlap_area: 5168
IOU: 0.18782482282391422
Centre Distance: 34.5
Category: False Positive

Frame: 255 Total Penalty: 45.59990964800342
GT_area: 7904
ST_area: 24931
Overlap_area: 5168
IOU: 0.18679293020566018
Centre Distance: 34.5
Category: False Positive

Frame: 256 Total Penalty: 48.10448762183297
GT_area: 6501
ST_area: 24931
Overlap_area: 4455
IOU: 0.16514067539014715
Centre Distance: 36.0
Category: False Positive

Frame: 257 Total Penalty: 50.70031197222444
GT_area: 5070
ST_area: 24931
Overlap_area: 3562
IOU: 0.1347252165361776

Centre Distance: 39.5
Category: False Positive

Frame: 258 Total Penalty: 53.34999131258175
GT_area: 4324
ST_area: 24931
Overlap_area: 3059
IOU: 0.11677355321423118
Centre Distance: 42.0
Category: False Positive

Frame: 259 Total Penalty: 56.07828329731458
GT_area: 2499
ST_area: 24931
Overlap_area: 2278
IOU: 0.09056933842239186
Centre Distance: 44.0
Category: False Positive

Frame: 260 Total Penalty: 58.994073612801
GT_area: 780
ST_area: 24931
Overlap_area: 702
IOU: 0.02806989483785837
Centre Distance: 49.5
Category: False Positive

Frame: 261 Total Penalty: 61.889384671322524
GT_area: 870
ST_area: 24931
Overlap_area: 870
IOU: 0.0348963138261602
Centre Distance: 48.5
Category: False Positive

Frame: 262 Total Penalty: 64.85826483793579
GT_area: 296
ST_area: 24931
Overlap_area: 259
IOU: 0.01037327779557834
Centre Distance: 50.5
Category: False Positive

Frame: 263 Total Penalty: 67.82714500454905
GT_area: 12
ST_area: 24931
Overlap_area: 0
IOU: 0.01037327779557834
Centre Distance: 300.0
Category: False Positive

Frame: 264 Total Penalty: 70.79602517116231
GT_area: 9
ST_area: 24931

Overlap_area: 0
IOU: 0.01037327779557834
Centre Distance: 325.0
Category: False Positive

Frame: 265 Total Penalty: 73.76490533777557
GT_area: 6
ST_area: 24931
Overlap_area: 0
IOU: 0.01037327779557834
Centre Distance: 317.0
Category: False Positive

Frame: 266 Total Penalty: 76.73378550438883
GT_area: 20
ST_area: 24931
Overlap_area: 0
IOU: 0.01037327779557834
Centre Distance: 319.5
Category: False Positive

Frame: 267 Total Penalty: 79.7026656710021
GT_area: 12
ST_area: 24931
Overlap_area: 0
IOU: 0.01037327779557834
Centre Distance: 318.5
Category: False Positive

Frame: 268 Total Penalty: 82.67154583761535
GT_area: 2
ST_area: 24931
Overlap_area: 0
IOU: 0.01037327779557834
Centre Distance: 318.0
Category: False Positive

Frame: 269 Total Penalty: 85.64042600422862
GT_area: 2
ST_area: 24931
Overlap_area: 0
IOU: 0.01037327779557834
Centre Distance: 315.5
Category: False Positive

Frame: 270 Total Penalty: 88.60930617084188
GT_area: 16
ST_area: 24931
Overlap_area: 0
IOU: 0.01037327779557834
Centre Distance: 322.5
Category: False Positive

Frame: 271 Total Penalty: 91.57818633745514

GT_area: 20
ST_area: 24931
Overlap_area: 0
IOU: 0.01037327779557834
Centre Distance: 298.0
Category: False Positive

Frame: 272 Total Penalty: 94.32549755674643
GT_area: 3800
ST_area: 24931
Overlap_area: 2232
IOU: 0.08422959356956866
Centre Distance: 45.5
Category: False Positive

Frame: 273 Total Penalty: 96.79426130509663
GT_area: 7175
ST_area: 24931
Overlap_area: 4830
IOU: 0.177078750549934
Centre Distance: 35.0
Category: False Positive

Frame: 274 Total Penalty: 99.25876168759635
GT_area: 7420
ST_area: 24931
Overlap_area: 4900
IOU: 0.17849987250009108
Centre Distance: 35.0
Category: False Positive

Frame: 275 Total Penalty: 101.6130847210304
GT_area: 12470
ST_area: 24931
Overlap_area: 6624
IOU: 0.2152256555219807
Centre Distance: 34.5
Category: False Positive

Frame: 276 Total Penalty: 103.58722658255584
GT_area: 16275
ST_area: 24931
Overlap_area: 10500
IOU: 0.34195271282485507
Centre Distance: 15.0
Category: False Positive

Frame: 277 Total Penalty: 105.60494957022807
GT_area: 20832
ST_area: 24931
Overlap_area: 11288
IOU: 0.3274256707759246
Centre Distance: 18.5
Category: False Positive

Frame: 278 Total Penalty: 106.09164543745491
GT_area: 25857
ST_area: 24931
Overlap_area: 17227
IOU: 0.5133041327731593
Centre Distance: 2.0
Category: True Positive

Frame: 279 Total Penalty: 106.60146414747474
GT_area: 28416
ST_area: 24931
Overlap_area: 17548
IOU: 0.490181289980167
Centre Distance: 3.5
Category: True Positive

Frame: 280 Total Penalty: 107.10376149843056
GT_area: 27875
ST_area: 24931
Overlap_area: 17548
IOU: 0.49770264904418854
Centre Distance: 3.0
Category: True Positive

Frame: 281 Total Penalty: 107.61059028395297
GT_area: 27875
ST_area: 24931
Overlap_area: 17441
IOU: 0.4931712144775908
Centre Distance: 6.0
Category: True Positive

Frame: 282 Total Penalty: 108.12245159782158
GT_area: 28892
ST_area: 24931
Overlap_area: 17655
IOU: 0.48813868613138683
Centre Distance: 5.5
Category: True Positive

Frame: 283 Total Penalty: 108.65712040269234
GT_area: 28980
ST_area: 24931
Overlap_area: 17120
IOU: 0.4653311951292436
Centre Distance: 5.5
Category: True Positive

Frame: 284 Total Penalty: 109.19485081743889
GT_area: 30916
ST_area: 24931
Overlap_area: 17655
IOU: 0.46226958525345624

Centre Distance: 8.0
Category: True Positive

Frame: 285 Total Penalty: 109.68225758737579
GT_area: 27798
ST_area: 24931
Overlap_area: 17869
IOU: 0.5125932300631095
Centre Distance: 5.0
Category: True Positive

Frame: 286 Total Penalty: 110.19492143985302
GT_area: 28625
ST_area: 24931
Overlap_area: 17548
IOU: 0.4873361475227727
Centre Distance: 6.0
Category: True Positive

Frame: 287 Total Penalty: 110.70469906863836
GT_area: 28413
ST_area: 24931
Overlap_area: 17548
IOU: 0.49022237121466083
Centre Distance: 6.0
Category: True Positive

Frame: 288 Total Penalty: 111.23137622886415
GT_area: 29358
ST_area: 24931
Overlap_area: 17441
IOU: 0.4733228397742076
Centre Distance: 6.5
Category: True Positive

Frame: 289 Total Penalty: 111.73019815522746
GT_area: 27951
ST_area: 24931
Overlap_area: 17655
IOU: 0.5011780736366991
Centre Distance: 6.0
Category: True Positive

Frame: 290 Total Penalty: 112.24973379030672
GT_area: 29140
ST_area: 24931
Overlap_area: 17548
IOU: 0.48046436492073485
Centre Distance: 4.5
Category: True Positive

Frame: 291 Total Penalty: 112.76300591745287
GT_area: 28670
ST_area: 24931

Overlap_area: 17548
IOU: 0.48672787285385405
Centre Distance: 6.5
Category: True Positive

Frame: 292 Total Penalty: 113.26405654927119
GT_area: 27144
ST_area: 24931
Overlap_area: 17334
IOU: 0.49894936818168734
Centre Distance: 1.5
Category: True Positive

Frame: 293 Total Penalty: 113.78778233578032
GT_area: 28798
ST_area: 24931
Overlap_area: 17334
IOU: 0.47627421349086413
Centre Distance: 4.0
Category: True Positive

Frame: 294 Total Penalty: 114.33080426961833
GT_area: 27612
ST_area: 24931
Overlap_area: 16480
IOU: 0.45697806616199427
Centre Distance: 9.0
Category: True Positive

Frame: 295 Total Penalty: 115.98533357690074
GT_area: 27261
ST_area: 24931
Overlap_area: 16160
IOU: 0.44849023090586143
Centre Distance: 11.0
Category: False Positive

Frame: 296 Total Penalty: 116.52909254390218
GT_area: 24804
ST_area: 24931
Overlap_area: 15582
IOU: 0.4562410329985653
Centre Distance: 8.5
Category: True Positive

Frame: 297 Total Penalty: 117.04465511939229
GT_area: 23000
ST_area: 24931
Overlap_area: 15642
IOU: 0.484437424509895
Centre Distance: 4.5
Category: True Positive

Frame: 298 Total Penalty: 117.59847185714784

GT_area: 24232
ST_area: 24931
Overlap_area: 15168
IOU: 0.4461832622444477
Centre Distance: 9.5
Category: True Positive

Frame: 299 Total Penalty: 118.10990681413281
GT_area: 23690
ST_area: 24931
Overlap_area: 15958
IOU: 0.4885650430150323
Centre Distance: 4.0
Category: True Positive

Frame: 300 Total Penalty: 119.76604863101237
GT_area: 23587
ST_area: 24931
Overlap_area: 15010
IOU: 0.44795272770681627
Centre Distance: 10.0
Category: False Positive

Frame: 301 Total Penalty: 120.30978591668514
GT_area: 25179
ST_area: 24931
Overlap_area: 15700
IOU: 0.4562627143272305
Centre Distance: 8.0
Category: True Positive

Frame: 302 Total Penalty: 120.84133124008727
GT_area: 24948
ST_area: 24931
Overlap_area: 15912
IOU: 0.46845467659787443
Centre Distance: 5.5
Category: True Positive

Frame: 303 Total Penalty: 121.37474529082111
GT_area: 24732
ST_area: 24931
Overlap_area: 15800
IOU: 0.4665859492661607
Centre Distance: 7.5
Category: True Positive

Frame: 304 Total Penalty: 123.06265832186102
GT_area: 25312
ST_area: 24931
Overlap_area: 15288
IOU: 0.4373623229866972
Centre Distance: 11.5
Category: False Positive

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Frame: 305 Total Penalty: 123.6032267212131  
GT_area: 24624  
ST_area: 24931  
Overlap_area: 15600  
IOU: 0.4594316006479164  
Centre Distance: 7.5  
Category: True Positive  
-----  
Frame: 306 Total Penalty: 125.30250239228255  
GT_area: 25538  
ST_area: 24931  
Overlap_area: 15264  
IOU: 0.4335747763101832  
Centre Distance: 14.0  
Category: False Positive  
-----  
Frame: 307 Total Penalty: 126.96941935979157  
GT_area: 25080  
ST_area: 24931  
Overlap_area: 15386  
IOU: 0.4443610108303249  
Centre Distance: 10.5  
Category: False Positive  
-----  
Frame: 308 Total Penalty: 128.65792624997485  
GT_area: 25650  
ST_area: 24931  
Overlap_area: 15386  
IOU: 0.4371643699389118  
Centre Distance: 12.5  
Category: False Positive  
-----  
Frame: 309 Total Penalty: 129.21579491390904  
GT_area: 23976  
ST_area: 24931  
Overlap_area: 14994  
IOU: 0.44213133606581545  
Centre Distance: 9.5  
Category: True Positive  
-----  
Frame: 310 Total Penalty: 130.92442790269925  
GT_area: 24198  
ST_area: 24931  
Overlap_area: 14784  
IOU: 0.43045567040326105  
Centre Distance: 12.0  
Category: False Positive  
-----  
Frame: 311 Total Penalty: 132.66898610626114  
GT_area: 24530  
ST_area: 24931  
Overlap_area: 14592  
IOU: 0.41848059881269895
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Centre Distance: 12.5
Category: False Positive

Frame: 312 Total Penalty: 134.36016917200695
GT_area: 23108
ST_area: 24931
Overlap_area: 14592
IOU: 0.4362723114180644
Centre Distance: 10.5
Category: False Positive

Frame: 313 Total Penalty: 136.13822511123348
GT_area: 23976
ST_area: 24931
Overlap_area: 14155
IOU: 0.4073146869244936
Centre Distance: 14.0
Category: False Positive

Frame: 314 Total Penalty: 137.89485010375606
GT_area: 22360
ST_area: 24931
Overlap_area: 13857
IOU: 0.41445833582580605
Centre Distance: 12.5
Category: False Positive

Frame: 315 Total Penalty: 139.62872420953593
GT_area: 22578
ST_area: 24931
Overlap_area: 14100
IOU: 0.42204196474004013
Centre Distance: 12.5
Category: False Positive

Frame: 316 Total Penalty: 141.30154848635084
GT_area: 21840
ST_area: 24931
Overlap_area: 14345
IOU: 0.4423919077283661
Centre Distance: 10.5
Category: False Positive

Frame: 317 Total Penalty: 143.08538208298066
GT_area: 23108
ST_area: 24931
Overlap_area: 13857
IOU: 0.40538880112339826
Centre Distance: 15.0
Category: False Positive

Frame: 318 Total Penalty: 144.81117055784284
GT_area: 22366
ST_area: 24931

Overlap_area: 14100
IOU: 0.4247371750459379
Centre Distance: 12.5
Category: False Positive

Frame: 319 Total Penalty: 146.586332822671
GT_area: 22152
ST_area: 24931
Overlap_area: 13650
IOU: 0.40827924505727875
Centre Distance: 14.5
Category: False Positive

Frame: 320 Total Penalty: 148.3149491167778
GT_area: 21311
ST_area: 24931
Overlap_area: 13764
IOU: 0.42379456863107334
Centre Distance: 11.0
Category: False Positive

Frame: 321 Total Penalty: 150.03576270530633
GT_area: 21424
ST_area: 24931
Overlap_area: 13857
IOU: 0.4263954704904917
Centre Distance: 12.0
Category: False Positive

Frame: 322 Total Penalty: 151.68577254201693
GT_area: 19291
ST_area: 24931
Overlap_area: 13724
IOU: 0.4499967210964653
Centre Distance: 10.0
Category: False Positive

Frame: 323 Total Penalty: 153.30727294973642
GT_area: 18025
ST_area: 24931
Overlap_area: 13524
IOU: 0.4594998640935037
Centre Distance: 13.0
Category: False Positive

Frame: 324 Total Penalty: 154.8986543460783
GT_area: 16366
ST_area: 24931
Overlap_area: 13195
IOU: 0.46953953455270087
Centre Distance: 11.5
Category: False Positive

Frame: 325 Total Penalty: 156.37667378152486

GT_area: 14157
ST_area: 24931
Overlap_area: 13156
IOU: 0.5073268548511491
Centre Distance: 11.0
Category: False Positive

Frame: 326 Total Penalty: 156.91640636983058
GT_area: 11656
ST_area: 24931
Overlap_area: 11532
IOU: 0.4602674116942726
Centre Distance: 7.5
Category: True Positive

Frame: 327 Total Penalty: 157.53800197369725
GT_area: 9434
ST_area: 24931
Overlap_area: 9434
IOU: 0.378404396133328
Centre Distance: 7.0
Category: True Positive

Frame: 328 Total Penalty: 158.23789367479228
GT_area: 7482
ST_area: 24931
Overlap_area: 7482
IOU: 0.30010829890497775
Centre Distance: 5.5
Category: True Positive

Frame: 329 Total Penalty: 158.95158345859556
GT_area: 7138
ST_area: 24931
Overlap_area: 7138
IOU: 0.2863102161967029
Centre Distance: 3.5
Category: True Positive

Frame: 330 Total Penalty: 159.68597036646128
GT_area: 6622
ST_area: 24931
Overlap_area: 6622
IOU: 0.26561309213429063
Centre Distance: 5.5
Category: True Positive

Frame: 331 Total Penalty: 160.47956067571482
GT_area: 5146
ST_area: 24931
Overlap_area: 5146
IOU: 0.20640969074646023
Centre Distance: 5.0
Category: True Positive

Frame: 332 Total Penalty: 161.32168493868062
GT_area: 3936
ST_area: 24931
Overlap_area: 3936
IOU: 0.15787573703421443
Centre Distance: 2.5
Category: True Positive

Frame: 333 Total Penalty: 162.19497521985667
GT_area: 3159
ST_area: 24931
Overlap_area: 3159
IOU: 0.12670971882395413
Centre Distance: 2.0
Category: True Positive

Frame: 334 Total Penalty: 163.0948588988106
GT_area: 2496
ST_area: 24931
Overlap_area: 2496
IOU: 0.1001163210460872
Centre Distance: 1.5
Category: True Positive

Frame: 335 Total Penalty: 164.02265962882544
GT_area: 1800
ST_area: 24931
Overlap_area: 1800
IOU: 0.07219926998515903
Centre Distance: 2.0
Category: True Positive

Frame: 336 Total Penalty: 164.96550187342052
GT_area: 1425
ST_area: 24931
Overlap_area: 1425
IOU: 0.05715775540491757
Centre Distance: 0.0
Category: True Positive

Frame: 337 Total Penalty: 165.903169837
GT_area: 1554
ST_area: 24931
Overlap_area: 1554
IOU: 0.06233203642052064
Centre Distance: 1.5
Category: True Positive

Frame: 338 Total Penalty: 168.77501613277636
GT_area: 1065
ST_area: 24931
Overlap_area: 1065
IOU: 0.04271790140788576

Centre Distance: 13.0
Category: False Positive

Frame: 339 Total Penalty: 171.73073391385213
GT_area: 368
ST_area: 24931
Overlap_area: 368
IOU: 0.014760739641410293
Centre Distance: 19.5
Category: False Positive

Frame: 340 Total Penalty: 174.6864516949279
GT_area: 8
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 121.5
Category: False Positive

Frame: 341 Total Penalty: 177.6421694760037
GT_area: 6
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 144.5
Category: False Positive

Frame: 342 Total Penalty: 180.59788725707946
GT_area: 0
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 150.0
Category: False Positive

Frame: 343 Total Penalty: 183.55360503815524
GT_area: 3
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 169.0
Category: False Positive

Frame: 344 Total Penalty: 186.50932281923102
GT_area: 9
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 166.0
Category: False Positive

Frame: 345 Total Penalty: 189.4650406003068
GT_area: 8
ST_area: 24931

Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 154.5
Category: False Positive

Frame: 346 Total Penalty: 192.42075838138257
GT_area: 12
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 139.5
Category: False Positive

Frame: 347 Total Penalty: 195.37647616245835
GT_area: 8
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 184.5
Category: False Positive

Frame: 348 Total Penalty: 198.33219394353412
GT_area: 6
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 200.0
Category: False Positive

Frame: 349 Total Penalty: 201.2879117246099
GT_area: 8
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 190.5
Category: False Positive

Frame: 350 Total Penalty: 204.24362950568567
GT_area: 8
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 174.5
Category: False Positive

Frame: 351 Total Penalty: 207.19934728676145
GT_area: 6
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 173.0
Category: False Positive

Frame: 352 Total Penalty: 210.15506506783723

GT_area: 8
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 183.5
Category: False Positive

Frame: 353 Total Penalty: 213.110782848913
GT_area: 8
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 166.5
Category: False Positive

Frame: 354 Total Penalty: 216.06650062998878
GT_area: 8
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 162.5
Category: False Positive

Frame: 355 Total Penalty: 219.02221841106456
GT_area: 8
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 170.5
Category: False Positive

Frame: 356 Total Penalty: 221.97793619214033
GT_area: 8
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 196.5
Category: False Positive

Frame: 357 Total Penalty: 224.9336539732161
GT_area: 12
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 193.5
Category: False Positive

Frame: 358 Total Penalty: 227.8893717542919
GT_area: 8
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 217.5
Category: False Positive

Frame: 359 Total Penalty: 230.84508953536766
GT_area: 8
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 185.5
Category: False Positive

Frame: 360 Total Penalty: 233.80080731644344
GT_area: 12
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 180.5
Category: False Positive

Frame: 361 Total Penalty: 236.75652509751922
GT_area: 6
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 185.0
Category: False Positive

Frame: 362 Total Penalty: 239.712242878595
GT_area: 9
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 168.0
Category: False Positive

Frame: 363 Total Penalty: 242.66796065967077
GT_area: 6
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 181.0
Category: False Positive

Frame: 364 Total Penalty: 245.62367844074654
GT_area: 0
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 201.5
Category: False Positive

Frame: 365 Total Penalty: 248.57939622182232
GT_area: 9
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293

Centre Distance: 183.0
Category: False Positive

Frame: 366 Total Penalty: 251.5351140028981
GT_area: 8
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 176.5
Category: False Positive

Frame: 367 Total Penalty: 254.49083178397387
GT_area: 9
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 188.0
Category: False Positive

Frame: 368 Total Penalty: 257.4465495650496
GT_area: 4
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 193.5
Category: False Positive

Frame: 369 Total Penalty: 260.40226734612537
GT_area: 6
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 172.0
Category: False Positive

Frame: 370 Total Penalty: 263.3579851272011
GT_area: 8
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 195.5
Category: False Positive

Frame: 371 Total Penalty: 266.31370290827687
GT_area: 8
ST_area: 24931
Overlap_area: 0
IOU: 0.014760739641410293
Centre Distance: 193.5
Category: False Positive

Frame: 372 Total Penalty: 267.09132915672257
GT_area: 5544
ST_area: 24931

Overlap_area: 5544
IOU: 0.22237375155428984
Centre Distance: 7.5
Category: True Positive

Frame: 373 Total Penalty: 269.09501919362293
GT_area: 15862
ST_area: 24931
Overlap_area: 10170
IOU: 0.33210332103321033
Centre Distance: 15.0
Category: False Positive

Frame: 374 Total Penalty: 271.07820442040764
GT_area: 15600
ST_area: 24931
Overlap_area: 10260
IOU: 0.3389382577384295
Centre Distance: 13.5
Category: False Positive

Frame: 375 Total Penalty: 273.23760447068275
GT_area: 20904
ST_area: 24931
Overlap_area: 10032
IOU: 0.2801999832416278
Centre Distance: 17.5
Category: False Positive

Frame: 376 Total Penalty: 275.4174032175975
GT_area: 22018
ST_area: 24931
Overlap_area: 10080
IOU: 0.2734004176950826
Centre Distance: 18.0
Category: False Positive

Frame: 377 Total Penalty: 277.59170163306646
GT_area: 21828
ST_area: 24931
Overlap_area: 10092
IOU: 0.2752338615103499
Centre Distance: 20.0
Category: False Positive

Frame: 378 Total Penalty: 279.7630868442235
GT_area: 23843
ST_area: 24931
Overlap_area: 10556
IOU: 0.27620492961431786
Centre Distance: 19.0
Category: False Positive

Frame: 379 Total Penalty: 281.9635440227049

GT_area: 23826
ST_area: 24931
Overlap_area: 10260
IOU: 0.26651427383952
Centre Distance: 20.5
Category: False Positive

Frame: 380 Total Penalty: 284.15381853250886
GT_area: 23643
ST_area: 24931
Overlap_area: 10324
IOU: 0.26990849673202616
Centre Distance: 20.0
Category: False Positive

Frame: 381 Total Penalty: 286.3915730870225
GT_area: 24150
ST_area: 24931
Overlap_area: 9944
IOU: 0.2540818151621228
Centre Distance: 23.0
Category: False Positive

Frame: 382 Total Penalty: 288.6232262470697
GT_area: 25134
ST_area: 24931
Overlap_area: 10208
IOU: 0.25611561331761046
Centre Distance: 24.5
Category: False Positive

Frame: 383 Total Penalty: 290.8853505347754
GT_area: 26015
ST_area: 24931
Overlap_area: 10057
IOU: 0.24595857076475336
Centre Distance: 25.0
Category: False Positive

Frame: 384 Total Penalty: 293.1081877034326
GT_area: 26937
ST_area: 24931
Overlap_area: 10672
IOU: 0.2590542771142829
Centre Distance: 23.0
Category: False Positive

Frame: 385 Total Penalty: 295.3389010023492
GT_area: 26908
ST_area: 24931
Overlap_area: 10580
IOU: 0.2564289003611333
Centre Distance: 23.5
Category: False Positive

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Frame: 386 Total Penalty: 297.5654354526826  
      GT_area: 26568  
      ST_area: 24931  
      Overlap_area: 10556  
      IOU: 0.2578218498888699  
      Centre Distance: 24.0  
      Category: False Positive  
-----  
Frame: 387 Total Penalty: 299.76332393354846  
      GT_area: 27528  
      ST_area: 24931  
      Overlap_area: 11067  
      IOU: 0.26737050637804405  
      Centre Distance: 22.5  
      Category: False Positive  
-----  
Total Penalty: 299.76332393354846  
True Positive: 189  
False Positive: 197  
True Negative: 0  
False Negative: 0  
Average Time: 0.07582563501565567  
>>>
```