0

---------------------------------------------------------------------

Batch size: 1, Learning rate: 0.001, Batch size per image: 128

Fold 0 results: OrderedDict([('bbox', {'AP': 10.444757564243897, 'AP50': 17.087271480487352, 'AP75': 11.358048531416603, 'APs': 5.5576545012774785, 'APm': 14.857390785180083, 'APl': 31.174565498829697}), ('segm', {'AP': 1.840493098482127, 'AP50': 7.3279184845522485, 'AP75': 0.40444727681894926, 'APs': 1.3135478271813645, 'APm': 10.284669004645707, 'APl': 6.831683168316832})])

Fold 1 results: OrderedDict([('bbox', {'AP': 10.509486882709167, 'AP50': 15.693956273793553, 'AP75': 12.77253764643304, 'APs': 8.961742251761729, 'APm': 13.164583608442232, 'APl': 21.837533305369032}), ('segm', {'AP': 3.7045581925158997, 'AP50': 11.18637072547111, 'AP75': 0.9630216197966748, 'APs': 1.9058204039255997, 'APm': 20.570744591534744, 'APl': 5.9405940594059405})])

Fold 2 results: OrderedDict([('bbox', {'AP': 7.7554506967988175, 'AP50': 13.733755637931372, 'AP75': 7.468377329176552, 'APs': 4.35198379072867, 'APm': 10.952377900133467, 'APl': 10.646670523066245}), ('segm', {'AP': 3.2209758993827204, 'AP50': 9.371064942811271, 'AP75': 0.7787137706927517, 'APs': 1.1404421681262273, 'APm': 17.782019529334534, 'APl': 4.745403111739745})])

Fold 3 results: OrderedDict([('bbox', {'AP': 11.194924795558348, 'AP50': 17.097177136481502, 'AP75': 12.826225417502018, 'APs': 9.358725901992264, 'APm': 11.997149291765005, 'APl': 23.049231517183575}), ('segm', {'AP': 5.753562873167853, 'AP50': 15.356526385824576, 'AP75': 0.8618920631603201, 'APs': 3.484268731763504, 'APm': 19.03090601496217, 'APl': 15.148514851485148})])

Fold 4 results: OrderedDict([('bbox', {'AP': 9.470091212769118, 'AP50': 14.465575590271564, 'AP75': 11.684832863455577, 'APs': 12.024346225893895, 'APm': 9.232835587576393, 'APl': 11.539964500651744}), ('segm', {'AP': 2.6679260413180197, 'AP50': 10.563041657245902, 'AP75': 0.336810022346344, 'APs': 1.6317170893648532, 'APm': 11.398113367347669, 'APl': 11.287128712871288})])

Mean performance of 4 folds: {'bbox': {'AP': 9.87494223041587, 'AP50': 15.615547223793069, 'AP75': 11.222004357596758, 'APs': 8.050890534330808, 'APm': 12.040867434619438, 'APl': 19.64959306902006}, 'segm': {'AP': 3.437503220973324, 'AP50': 10.760984439181021, 'AP75': 0.668976950563008, 'APs': 1.8951592440723097, 'APm': 15.813290501564968, 'APl': 8.790664780763791}}

1

---------------------------------------------------------------------

Batch size: 1, Learning rate: 0.001, Batch size per image: 256

Fold 0 results: OrderedDict([('bbox', {'AP': 12.073457045422252, 'AP50': 19.0280778969714, 'AP75': 12.229743851543352, 'APs': 8.496948595583612, 'APm': 17.921296429444137, 'APl': 18.101212592058847}), ('segm', {'AP': 3.490216444658877, 'AP50': 11.356977609463701, 'AP75': 0.33801334943535055, 'APs': 1.9479045897851444, 'APm': 14.463723202220374, 'APl': 6.9306930693069315})])

Fold 1 results: OrderedDict([('bbox', {'AP': 10.783019834897972, 'AP50': 16.552299780691236, 'AP75': 12.29097779796441, 'APs': 10.343921459644378, 'APm': 14.23807773012892, 'APl': 14.23082508780551}), ('segm', {'AP': 0.9111161555646584, 'AP50': 3.833044857418577, 'AP75': 0.027759785324326824, 'APs': 0.8418363530963315, 'APm': 10.073314474304572, 'APl': 0.0})])

Fold 2 results: OrderedDict([('bbox', {'AP': 11.1829419461479, 'AP50': 17.05164183965957, 'AP75': 13.646883657497701, 'APs': 7.891855178826687, 'APm': 13.978249251441015, 'APl': 21.338677726460503}), ('segm', {'AP': 2.6262764576146256, 'AP50': 9.579323218141718, 'AP75': 0.2583082028708969, 'APs': 1.9676674651810617, 'APm': 8.532807638878895, 'APl': 5.636963696369637})])

Fold 3 results: OrderedDict([('bbox', {'AP': 11.68742532108851, 'AP50': 17.69288682451072, 'AP75': 13.472871852918262, 'APs': 8.790563649016603, 'APm': 15.473722375356491, 'APl': 20.846135712472343}), ('segm', {'AP': 4.901959961713293, 'AP50': 15.434706630438939, 'AP75': 2.2587699435829482, 'APs': 2.3207660854535566, 'APm': 18.426130630435985, 'APl': 8.75})])

Fold 4 results: OrderedDict([('bbox', {'AP': 10.7752828752597, 'AP50': 15.989438231264266, 'AP75': 12.262062419720204, 'APs': 18.8432327597427, 'APm': 10.527049790414052, 'APl': 17.02487727764373}), ('segm', {'AP': 3.2450641415392827, 'AP50': 10.25452823995931, 'AP75': 2.296168028836109, 'APs': 1.7237743994976056, 'APm': 2.788663764455228, 'APl': 15.742574257425742})])

Mean performance of 4 folds: {'bbox': {'AP': 11.300425404563267, 'AP50': 17.26286891461944, 'AP75': 12.780507915928785, 'APs': 10.873304328562796, 'APm': 14.427679115356923, 'APl': 18.308345679288188}, 'segm': {'AP': 3.0349266322181476, 'AP50': 10.091716111084448, 'AP75': 1.0358038620099261, 'APs': 1.76038977860274, 'APm': 10.856927942059011, 'APl': 7.412046204620462}}

2

---------------------------------------------------------------------

Batch size: 1, Learning rate: 0.001, Batch size per image: 512

Fold 0 results: OrderedDict([('bbox', {'AP': 11.936187790975671, 'AP50': 18.16351356617852, 'AP75': 12.847673683242741, 'APs': 6.700557620414803, 'APm': 15.866320030197276, 'APl': 23.70898854591341}), ('segm', {'AP': 1.4753620142481303, 'AP50': 6.360510192250786, 'AP75': 0.13373501215667788, 'APs': 0.9935407012239933, 'APm': 11.54396314531597, 'APl': 0.0})])

Fold 1 results: OrderedDict([('bbox', {'AP': 12.340398277737128, 'AP50': 18.224532749045412, 'AP75': 15.148933396758057, 'APs': 8.267618490045269, 'APm': 20.286685669576325, 'APl': 14.756689432679531}), ('segm', {'AP': 2.9844747902007027, 'AP50': 10.27031205874877, 'AP75': 0.198372837008571, 'APs': 1.082146880845123, 'APm': 15.426957892545513, 'APl': 1.6237623762376234})])

Fold 2 results: OrderedDict([('bbox', {'AP': 12.191745834075057, 'AP50': 18.373015838927095, 'AP75': 14.390010455999459, 'APs': 6.838012821704178, 'APm': 18.181915995874768, 'APl': 14.293356422494744}), ('segm', {'AP': 2.939725079991931, 'AP50': 11.143100094325044, 'AP75': 0.16600004371298058, 'APs': 1.0065067629825646, 'APm': 12.425228520385778, 'APl': 4.9504950495049505})])

Fold 3 results: OrderedDict([('bbox', {'AP': 11.756100335568446, 'AP50': 16.665764620749144, 'AP75': 13.08278878578526, 'APs': 9.054917938958274, 'APm': 15.918275681136961, 'APl': 17.690452468688417}), ('segm', {'AP': 3.7374424402726416, 'AP50': 12.766182011747503, 'AP75': 0.7087570483929881, 'APs': 1.6276081874168429, 'APm': 9.526621199214159, 'APl': 9.405940594059405})])

Fold 4 results: OrderedDict([('bbox', {'AP': 9.426398514963774, 'AP50': 14.21219268588417, 'AP75': 11.33288210830114, 'APs': 19.108386183415583, 'APm': 8.50355507820037, 'APl': 9.357414862365358}), ('segm', {'AP': 3.3251292659658067, 'AP50': 9.288771305553842, 'AP75': 0.24246911604205207, 'APs': 1.6755002905608158, 'APm': 11.605964235812678, 'APl': 12.970297029702971})])

Mean performance of 4 folds: {'bbox': {'AP': 11.530166150664014, 'AP50': 17.12780389215687, 'AP75': 13.360457686017332, 'APs': 9.993898610907621, 'APm': 15.751350490997137, 'APl': 15.961380346428294}, 'segm': {'AP': 2.8924267181358423, 'AP50': 9.96577513252519, 'AP75': 0.2898668114626539, 'APs': 1.277060564605868, 'APm': 12.10574699865482, 'APl': 5.79009900990099}}

3

---------------------------------------------------------------------

Batch size: 1, Learning rate: 0.0001, Batch size per image: 128

Fold 0 results: OrderedDict([('bbox', {'AP': 10.925978114862547, 'AP50': 16.424179462307272, 'AP75': 12.740258755291695, 'APs': 8.23019691303606, 'APm': 14.25788878338807, 'APl': 19.07626797162475}), ('segm', {'AP': 1.8226895938707057, 'AP50': 5.725891951108564, 'AP75': 0.4751525963558976, 'APs': 1.250907643330872, 'APm': 9.739110375534594, 'APl': 0.0})])

Fold 1 results: OrderedDict([('bbox', {'AP': 11.811512429770413, 'AP50': 19.470370636659236, 'AP75': 12.697314446066073, 'APs': 8.608996782767143, 'APm': 20.778067181955333, 'APl': 13.559420618587986}), ('segm', {'AP': 4.157811127197442, 'AP50': 13.252177928030132, 'AP75': 0.06010023114290966, 'APs': 2.071519319551957, 'APm': 20.59026883188627, 'APl': 0.0062438676300062435})])

Fold 2 results: OrderedDict([('bbox', {'AP': 12.037084072173469, 'AP50': 18.024575737361424, 'AP75': 13.924633469170121, 'APs': 10.478443165693912, 'APm': 16.759029264931012, 'APl': 17.059730587045404}), ('segm', {'AP': 2.783170549019467, 'AP50': 9.598327118839535, 'AP75': 0.1494109560395641, 'APs': 1.2571309674749465, 'APm': 18.453129932102616, 'APl': 1.1881188118811878})])

Fold 3 results: OrderedDict([('bbox', {'AP': 9.801311475986024, 'AP50': 14.551179221196978, 'AP75': 10.093323376911123, 'APs': 7.508409637043738, 'APm': 13.43977905995477, 'APl': 13.611376741356679}), ('segm', {'AP': 3.86404375536563, 'AP50': 10.160862260392035, 'AP75': 2.552898167333301, 'APs': 1.6243132950610126, 'APm': 19.529771885275807, 'APl': 4.257425742574258})])

Fold 4 results: OrderedDict([('bbox', {'AP': 8.670183593840704, 'AP50': 14.362891675298359, 'AP75': 8.441493910328948, 'APs': 11.48578538573457, 'APm': 8.808630612481018, 'APl': 7.574145011511785}), ('segm', {'AP': 3.016604316336931, 'AP50': 9.880083107506788, 'AP75': 0.2515680197316568, 'APs': 2.4331033792720715, 'APm': 14.5069638185538, 'APl': 7.524752475247524})])

Mean performance of 4 folds: {'bbox': {'AP': 10.649213937326632, 'AP50': 16.566639346564653, 'AP75': 11.579404791553591, 'APs': 9.262366376855084, 'APm': 14.808678980542044, 'APl': 14.176188186025323}, 'segm': {'AP': 3.128863868358035, 'AP50': 9.72346847317541, 'AP75': 0.6978259941206659, 'APs': 1.7273949209381718, 'APm': 16.56384896867062, 'APl': 2.595308179466595}}

4

---------------------------------------------------------------------

Batch size: 1, Learning rate: 0.0001, Batch size per image: 256

Fold 0 results: OrderedDict([('bbox', {'AP': 8.569377318263136, 'AP50': 13.54619201482629, 'AP75': 9.95719814293591, 'APs': 6.488327769670706, 'APm': 11.200326251575037, 'APl': 19.387385944405494}), ('segm', {'AP': 1.5092655226784781, 'AP50': 4.51174317990108, 'AP75': 0.49271114533362753, 'APs': 0.8432632179428969, 'APm': 11.040033058489794, 'APl': 0.0})])

Fold 1 results: OrderedDict([('bbox', {'AP': 11.125694071227507, 'AP50': 20.17898113660376, 'AP75': 8.84493394106755, 'APs': 7.393752221282456, 'APm': 21.08279468596065, 'APl': 13.32567191807503}), ('segm', {'AP': 4.829933127265436, 'AP50': 13.794933960432122, 'AP75': 0.32047211130983566, 'APs': 1.3411388529732906, 'APm': 21.734063516241733, 'APl': 0.008556411196675223})])

Fold 2 results: OrderedDict([('bbox', {'AP': 11.982543575172985, 'AP50': 17.725290161226848, 'AP75': 14.075999287155433, 'APs': 12.134111057967143, 'APm': 18.210559605221196, 'APl': 10.941498595148621}), ('segm', {'AP': 3.5193347752082977, 'AP50': 10.761335083341738, 'AP75': 0.08310682769883156, 'APs': 0.7631935386417917, 'APm': 21.790918692709607, 'APl': 1.7821782178217813})])

Fold 3 results: OrderedDict([('bbox', {'AP': 7.911747950822459, 'AP50': 12.732914196543177, 'AP75': 8.158954317597404, 'APs': 5.8672011413116785, 'APm': 11.548070743158693, 'APl': 11.092052332592838}), ('segm', {'AP': 3.3025208566191546, 'AP50': 8.62685873457095, 'AP75': 0.46890854686807704, 'APs': 1.1386624361278124, 'APm': 21.38853128734659, 'APl': 2.673267326732672})])

Fold 4 results: OrderedDict([('bbox', {'AP': 6.844508406322469, 'AP50': 13.645979688423147, 'AP75': 5.07253805001409, 'APs': 15.586709886523318, 'APm': 5.962540339444251, 'APl': 4.846726707483777}), ('segm', {'AP': 1.6961417612888532, 'AP50': 6.454247155396629, 'AP75': 0.40735958594024635, 'APs': 1.6394836922483211, 'APm': 7.727860850053558, 'APl': 4.8514851485148505})])

Mean performance of 4 folds: {'bbox': {'AP': 9.28677426436171, 'AP50': 15.565871439524642, 'AP75': 9.221924747754077, 'APs': 9.494020415351061, 'APm': 13.600858325071963, 'APl': 11.918667099541151}, 'segm': {'AP': 2.9714392086120442, 'AP50': 8.829823622728503, 'AP75': 0.35451164343012365, 'APs': 1.1451483475868227, 'APm': 16.73628148096826, 'APl': 1.863097420853196}}

5

---------------------------------------------------------------------

Batch size: 1, Learning rate: 0.0001, Batch size per image: 512

Fold 0 results: OrderedDict([('bbox', {'AP': 6.726379840962701, 'AP50': 11.274817908668586, 'AP75': 7.811994226096393, 'APs': 6.090089741079839, 'APm': 8.739552181819137, 'APl': 7.620953948463159}), ('segm', {'AP': 1.4543378514858414, 'AP50': 4.086682280781073, 'AP75': 0.34639599031329266, 'APs': 0.6531215378590045, 'APm': 10.023593848746577, 'APl': 0.0})])

Fold 1 results: OrderedDict([('bbox', {'AP': 7.902004432686562, 'AP50': 14.351595944837609, 'AP75': 6.886871605900144, 'APs': 5.5888975926225655, 'APm': 14.252638880828778, 'APl': 12.840867449751997}), ('segm', {'AP': 3.0353711190287282, 'AP50': 10.068967540007053, 'AP75': 0.20187104002417494, 'APs': 0.8334523358935688, 'APm': 19.481897885294263, 'APl': 1.0396039603960396})])

Fold 2 results: OrderedDict([('bbox', {'AP': 9.670720455028508, 'AP50': 17.034013377571476, 'AP75': 9.329531405238923, 'APs': 6.106940995051803, 'APm': 15.012607037185447, 'APl': 16.570816355670825}), ('segm', {'AP': 1.914648108106444, 'AP50': 6.914678399407262, 'AP75': 0.042106141915620746, 'APs': 0.48402731489773687, 'APm': 17.28333726229766, 'APl': 0.0})])

Fold 3 results: OrderedDict([('bbox', {'AP': 7.782802291112303, 'AP50': 11.657781999250131, 'AP75': 8.029577296219276, 'APs': 6.957483945584267, 'APm': 13.008362520893352, 'APl': 10.868220145424878}), ('segm', {'AP': 2.7680199401604773, 'AP50': 8.053658163848615, 'AP75': 0.2904082447719489, 'APs': 0.6591249164223321, 'APm': 21.51694159963743, 'APl': 2.673267326732672})])

Fold 4 results: OrderedDict([('bbox', {'AP': 6.433250938138492, 'AP50': 11.655349785721866, 'AP75': 6.811092470000542, 'APs': 13.717378459205392, 'APm': 6.931086179298596, 'APl': 6.357901018576157}), ('segm', {'AP': 2.3897606352993908, 'AP50': 8.096515529968967, 'AP75': 0.28355896421363264, 'APs': 1.357830831788509, 'APm': 12.886287745355189, 'APl': 3.663366336633663})])

Mean performance of 4 folds: {'bbox': {'AP': 7.703031591585713, 'AP50': 13.194711803209932, 'AP75': 7.773813400691057, 'APs': 7.692158146708773, 'APm': 11.588849360005062, 'APl': 10.851751783577402}, 'segm': {'AP': 2.312427530816176, 'AP50': 7.444100382802594, 'AP75': 0.23286807624773398, 'APs': 0.7975113873722303, 'APm': 16.238411668266224, 'APl': 1.475247524752475}}

6

---------------------------------------------------------------------

Batch size: 1, Learning rate: 1e-05, Batch size per image: 128

Fold 0 results: OrderedDict([('bbox', {'AP': 1.3307225572614176, 'AP50': 2.5079337694364883, 'AP75': 1.2748742967156563, 'APs': 1.527903155923062, 'APm': 3.0092843180117743, 'APl': 0.482547293471067}), ('segm', {'AP': 0.0, 'AP50': 0.0, 'AP75': 0.0, 'APs': 0.0, 'APm': 0.0, 'APl': 0.0})])

Fold 1 results: OrderedDict([('bbox', {'AP': 0.9409532267169708, 'AP50': 2.6177278358875355, 'AP75': 0.17022559681767482, 'APs': 1.0957537036758467, 'APm': 2.3461090345765037, 'APl': 0.37667002700307156}), ('segm', {'AP': 0.0, 'AP50': 0.0, 'AP75': 0.0, 'APs': 0.0, 'APm': 0.0, 'APl': 0.0})])

Fold 2 results: OrderedDict([('bbox', {'AP': 1.865350974651791, 'AP50': 6.33107532827986, 'AP75': 0.6095039020387063, 'APs': 1.0347942073932448, 'APm': 4.165175116669641, 'APl': 0.8608639521639783}), ('segm', {'AP': 0.0, 'AP50': 0.0, 'AP75': 0.0, 'APs': 0.0, 'APm': 0.0, 'APl': 0.0})])

Fold 3 results: OrderedDict([('bbox', {'AP': 1.7252251835251704, 'AP50': 4.534641747086378, 'AP75': 0.1613608177797315, 'APs': 1.843955548109058, 'APm': 2.697231569516258, 'APl': 2.156349218248354}), ('segm', {'AP': 0.0, 'AP50': 0.0, 'AP75': 0.0, 'APs': 0.0, 'APm': 0.0, 'APl': 0.0})])

Fold 4 results: OrderedDict([('bbox', {'AP': 1.2974376690017337, 'AP50': 3.205268889497783, 'AP75': 0.6720396155674041, 'APs': 0.9517995050598856, 'APm': 2.138490340287608, 'APl': 1.7980299247212992}), ('segm', {'AP': 0.0, 'AP50': 0.0, 'AP75': 0.0, 'APs': 0.0, 'APm': 0.0, 'APl': 0.0})])

Mean performance of 4 folds: {'bbox': {'AP': 1.4319379222314166, 'AP50': 3.8393295140376096, 'AP75': 0.5776008457838346, 'APs': 1.2908412240322193, 'APm': 2.8712580758123574, 'APl': 1.134892083121554}, 'segm': {'AP': 0.0, 'AP50': 0.0, 'AP75': 0.0, 'APs': 0.0, 'APm': 0.0, 'APl': 0.0}}

7

---------------------------------------------------------------------

Batch size: 1, Learning rate: 1e-05, Batch size per image: 256

Fold 0 results: OrderedDict([('bbox', {'AP': 0.6666847442566858, 'AP50': 2.0828501571935614, 'AP75': 0.24917976925852564, 'APs': 0.9914992999897688, 'APm': 1.5020795973691996, 'APl': 0.13135406000121747}), ('segm', {'AP': 0.0, 'AP50': 0.0, 'AP75': 0.0, 'APs': 0.0, 'APm': 0.0, 'APl': 0.0})])

Fold 1 results: OrderedDict([('bbox', {'AP': 1.2836604029026069, 'AP50': 3.4321075900358466, 'AP75': 0.582961929543094, 'APs': 2.6211936074156243, 'APm': 4.387595478818954, 'APl': 0.34599508165072385}), ('segm', {'AP': 0.0, 'AP50': 0.0, 'AP75': 0.0, 'APs': 0.0, 'APm': 0.0, 'APl': 0.0})])

Fold 2 results: OrderedDict([('bbox', {'AP': 1.0145716910049547, 'AP50': 3.7328826132712183, 'AP75': 0.009166238599229645, 'APs': 0.3278268331494924, 'APm': 2.378355760563537, 'APl': 0.33768733349061875}), ('segm', {'AP': 0.0, 'AP50': 0.0, 'AP75': 0.0, 'APs': 0.0, 'APm': 0.0, 'APl': 0.0})])

Fold 3 results: OrderedDict([('bbox', {'AP': 0.5347854395620765, 'AP50': 1.7313198161360326, 'AP75': 0.10161389187367825, 'APs': 0.7258586706806722, 'APm': 0.8743409695547479, 'APl': 0.7260506379316051}), ('segm', {'AP': 0.0, 'AP50': 0.0, 'AP75': 0.0, 'APs': 0.0, 'APm': 0.0, 'APl': 0.0})])

Fold 4 results: OrderedDict([('bbox', {'AP': 0.3846121615244403, 'AP50': 1.3205806049756785, 'AP75': 0.12497111777121955, 'APs': 0.3817658089810409, 'APm': 0.6231615604359224, 'APl': 0.8663950445949611}), ('segm', {'AP': 0.0, 'AP50': 0.0, 'AP75': 0.0, 'APs': 0.0, 'APm': 0.0, 'APl': 0.0})])

Mean performance of 4 folds: {'bbox': {'AP': 0.7768628878501528, 'AP50': 2.4599481563224677, 'AP75': 0.21357858940914945, 'APs': 1.0096288440433197, 'APm': 1.9531066733484725, 'APl': 0.4814964315338253}, 'segm': {'AP': 0.0, 'AP50': 0.0, 'AP75': 0.0, 'APs': 0.0, 'APm': 0.0, 'APl': 0.0}}

8

---------------------------------------------------------------------

Batch size: 1, Learning rate: 1e-05, Batch size per image: 512

Fold 0 results: OrderedDict([('bbox', {'AP': 0.15420052195656364, 'AP50': 0.2919600256331933, 'AP75': 0.13581951763018255, 'APs': 0.21160395191225342, 'APm': 0.912472086315598, 'APl': 0.029367547252636267}), ('segm', {'AP': 0.0, 'AP50': 0.0, 'AP75': 0.0, 'APs': 0.0, 'APm': 0.0, 'APl': 0.0})])

Fold 1 results: OrderedDict([('bbox', {'AP': 0.276694341770019, 'AP50': 0.9449235319063778, 'AP75': 0.04605576943886889, 'APs': 0.6136578454069658, 'APm': 0.6916219393048436, 'APl': 0.1035555545183427}), ('segm', {'AP': 0.0, 'AP50': 0.0, 'AP75': 0.0, 'APs': 0.0, 'APm': 0.0, 'APl': 0.0})])

Fold 2 results: OrderedDict([('bbox', {'AP': 0.6048123878351083, 'AP50': 1.728695618447711, 'AP75': 0.15595430069249003, 'APs': 0.25803260577946635, 'APm': 1.3621207114774043, 'APl': 0.7006572399123784}), ('segm', {'AP': 0.0, 'AP50': 0.0, 'AP75': 0.0, 'APs': 0.0, 'APm': 0.0, 'APl': 0.0})])

Fold 3 results: OrderedDict([('bbox', {'AP': 0.3039943910451562, 'AP50': 0.9394272825598543, 'AP75': 0.05486631506978408, 'APs': 0.9758617772745221, 'APm': 0.866359468198714, 'APl': 0.3532092579900651}), ('segm', {'AP': 0.0, 'AP50': 0.0, 'AP75': 0.0, 'APs': 0.0, 'APm': 0.0, 'APl': 0.0})])

Fold 4 results: OrderedDict([('bbox', {'AP': 0.5520082477798612, 'AP50': 1.3787006238308268, 'AP75': 0.37838675406514827, 'APs': 0.5131773406032143, 'APm': 1.3637256803236935, 'APl': 0.2707993982019334}), ('segm', {'AP': 0.0, 'AP50': 0.0, 'AP75': 0.0, 'APs': 0.0, 'APm': 0.0, 'APl': 0.0})])

Mean performance of 4 folds: {'bbox': {'AP': 0.3783419780773417, 'AP50': 1.0567414164755928, 'AP75': 0.15421653137929475, 'APs': 0.5144667041952844, 'APm': 1.0392599771240507, 'APl': 0.2915177995750712}, 'segm': {'AP': 0.0, 'AP50': 0.0, 'AP75': 0.0, 'APs': 0.0, 'APm': 0.0, 'APl': 0.0}}

9

---------------------------------------------------------------------

Batch size: 2, Learning rate: 0.001, Batch size per image: 128

Fold 0 results: OrderedDict([('bbox', {'AP': 11.077771516482734, 'AP50': 17.88904722514416, 'AP75': 12.310111779793845, 'APs': 6.89226114966371, 'APm': 14.464685557942644, 'APl': 18.870454080386793}), ('segm', {'AP': 2.322677145765413, 'AP50': 9.091541910063095, 'AP75': 0.42838235537965674, 'APs': 1.3729994137119608, 'APm': 13.177083028690314, 'APl': 5.742574257425743})])

Fold 1 results: OrderedDict([('bbox', {'AP': 11.405832637754855, 'AP50': 16.587196887776617, 'AP75': 13.153901818813507, 'APs': 11.212064669710783, 'APm': 15.515368000636734, 'APl': 12.37117429303888}), ('segm', {'AP': 3.1206079635750807, 'AP50': 7.949047641407775, 'AP75': 0.8677442363423389, 'APs': 2.1106488972089585, 'APm': 19.54381498325355, 'APl': 0.42202970297029696})])

Fold 2 results: OrderedDict([('bbox', {'AP': 11.394975489326862, 'AP50': 16.3888333614853, 'AP75': 14.04859420291134, 'APs': 8.816137644986878, 'APm': 15.534168657855119, 'APl': 15.339889266123027}), ('segm', {'AP': 3.421253419850015, 'AP50': 10.723696570976932, 'AP75': 0.3289227772183438, 'APs': 1.6035637341959237, 'APm': 18.816395581466626, 'APl': 3.985148514851485})])

Fold 3 results: OrderedDict([('bbox', {'AP': 10.942470424664707, 'AP50': 16.36822831334798, 'AP75': 11.954561471488292, 'APs': 9.114548837093468, 'APm': 16.165621447644813, 'APl': 13.688394173973945}), ('segm', {'AP': 4.028779190813508, 'AP50': 12.460393471077673, 'AP75': 0.5571210967250572, 'APs': 1.5896895270411449, 'APm': 24.13873025395546, 'APl': 10.297029702970297})])

Fold 4 results: OrderedDict([('bbox', {'AP': 9.678171608243773, 'AP50': 15.453379128986983, 'AP75': 12.100213752649266, 'APs': 22.072422267615227, 'APm': 9.89920833510563, 'APl': 9.122545459179124}), ('segm', {'AP': 2.595754678125175, 'AP50': 9.1456672139488, 'AP75': 0.23485855183575938, 'APs': 1.8191784065347918, 'APm': 9.221294393835372, 'APl': 9.405940594059405})])

Mean performance of 4 folds: {'bbox': {'AP': 10.899844335294585, 'AP50': 16.537336983348208, 'AP75': 12.71347660513125, 'APs': 11.621486913814014, 'APm': 14.315810399836987, 'APl': 13.878491454540356}, 'segm': {'AP': 3.0978144796258382, 'AP50': 9.874069361494854, 'AP75': 0.4834058035002312, 'APs': 1.699215995738556, 'APm': 16.979463648240266, 'APl': 5.970544554455445}}

10

---------------------------------------------------------------------

Batch size: 2, Learning rate: 0.001, Batch size per image: 256

Fold 0 results: OrderedDict([('bbox', {'AP': 11.09319049603286, 'AP50': 16.753580238368176, 'AP75': 13.583741512944034, 'APs': 7.885610868437176, 'APm': 14.627854452556143, 'APl': 21.60461646080996}), ('segm', {'AP': 2.361195039835384, 'AP50': 8.763184502611791, 'AP75': 0.498689553662926, 'APs': 1.5655912714122298, 'APm': 9.857162650546265, 'APl': 4.554455445544554})])

Fold 1 results: OrderedDict([('bbox', {'AP': 13.603323306499737, 'AP50': 19.40725445764377, 'AP75': 16.99046469305535, 'APs': 10.468291425770504, 'APm': 20.242734866033764, 'APl': 20.378746078210668}), ('segm', {'AP': 3.140843831094747, 'AP50': 9.112893092744766, 'AP75': 1.1036866026931051, 'APs': 2.5386534468245086, 'APm': 18.211130243599666, 'APl': 0.6930693069306931})])

Fold 2 results: OrderedDict([('bbox', {'AP': 12.52209627700914, 'AP50': 18.145813613005142, 'AP75': 14.65678333770911, 'APs': 10.769071853487834, 'APm': 18.30464296498575, 'APl': 15.310298216636244}), ('segm', {'AP': 4.058672699823906, 'AP50': 11.414015552967513, 'AP75': 1.0938258663276073, 'APs': 1.6418098299954431, 'APm': 18.668450284761335, 'APl': 4.356435643564356})])

Fold 3 results: OrderedDict([('bbox', {'AP': 10.843539523878286, 'AP50': 15.40550069317673, 'AP75': 11.252696761725817, 'APs': 8.518892109086579, 'APm': 12.63414697211804, 'APl': 19.56681926981022}), ('segm', {'AP': 4.792292526212904, 'AP50': 12.657482269726984, 'AP75': 3.2468155045825555, 'APs': 1.3775550372184155, 'APm': 27.32213465707473, 'APl': 14.455445544554454})])

Fold 4 results: OrderedDict([('bbox', {'AP': 11.25373770156401, 'AP50': 15.839419530428392, 'AP75': 13.946086736903334, 'APs': 18.97975669712463, 'APm': 9.19697481022244, 'APl': 9.464345688300174}), ('segm', {'AP': 4.02916668660144, 'AP50': 10.590032835204124, 'AP75': 0.9597905787456913, 'APs': 3.295801875712033, 'APm': 14.219571239191966, 'APl': 15.742574257425742})])

Mean performance of 4 folds: {'bbox': {'AP': 11.863177460996805, 'AP50': 17.110313706524444, 'AP75': 14.085954608467528, 'APs': 11.324324590781345, 'APm': 15.001270813183229, 'APl': 17.264965142753454}, 'segm': {'AP': 3.6764341567136762, 'AP50': 10.507521650651034, 'AP75': 1.3805616212023772, 'APs': 2.083882292232526, 'APm': 17.65568981503479, 'APl': 7.9603960396039595}}

11

---------------------------------------------------------------------

Batch size: 2, Learning rate: 0.001, Batch size per image: 512

Fold 0 results: OrderedDict([('bbox', {'AP': 12.791243389030788, 'AP50': 18.75709952108342, 'AP75': 14.163035585471242, 'APs': 7.900969802537948, 'APm': 16.79796949028845, 'APl': 30.766846584323986}), ('segm', {'AP': 1.7037338714644485, 'AP50': 5.966961268125518, 'AP75': 0.3541925997550176, 'APs': 0.9985970745825893, 'APm': 13.133576489517084, 'APl': 0.0})])

Fold 1 results: OrderedDict([('bbox', {'AP': 14.532863024857201, 'AP50': 20.03439282542239, 'AP75': 17.28556752967165, 'APs': 9.514020517358581, 'APm': 23.574021969375668, 'APl': 17.574133028905507}), ('segm', {'AP': 4.8896849741202635, 'AP50': 12.00238863717898, 'AP75': 2.781912633598065, 'APs': 1.7609659888459706, 'APm': 26.7377612000551, 'APl': 3.4179939733103746})])

Fold 2 results: OrderedDict([('bbox', {'AP': 13.627085995281348, 'AP50': 18.3545039644674, 'AP75': 15.16082333923849, 'APs': 9.92067340280864, 'APm': 20.714723362068035, 'APl': 14.88698646871556}), ('segm', {'AP': 2.9686071865134713, 'AP50': 9.193894344963121, 'AP75': 0.8499383111287309, 'APs': 1.214820155451792, 'APm': 15.08461813079335, 'APl': 3.2673267326732676})])

Fold 3 results: OrderedDict([('bbox', {'AP': 11.419910227870748, 'AP50': 16.736557778693612, 'AP75': 12.271923712079301, 'APs': 9.151974179017373, 'APm': 13.77164028613252, 'APl': 22.58063928109483}), ('segm', {'AP': 4.547435806850634, 'AP50': 13.739760788645066, 'AP75': 2.329411101752067, 'APs': 1.5801662120354714, 'APm': 22.810798205480914, 'APl': 10.198019801980198})])

Fold 4 results: OrderedDict([('bbox', {'AP': 11.076283588772217, 'AP50': 15.700272260021949, 'AP75': 12.672435306666996, 'APs': 24.579521722841715, 'APm': 13.645957480662446, 'APl': 9.463510260800515}), ('segm', {'AP': 3.4703552518548815, 'AP50': 13.043984260510296, 'AP75': 0.3378243411299801, 'APs': 2.253405300589386, 'APm': 9.047783278681457, 'APl': 15.742574257425742})])

Mean performance of 4 folds: {'bbox': {'AP': 12.68947724516246, 'AP50': 17.916565269937752, 'AP75': 14.310757094625535, 'APs': 12.21343192491285, 'APm': 17.700862517705424, 'APl': 19.054423124768082}, 'segm': {'AP': 3.51596341816074, 'AP50': 10.789397859884597, 'AP75': 1.330655797472772, 'APs': 1.5615909463010418, 'APm': 17.362907460905582, 'APl': 6.525182953077916}}

12

---------------------------------------------------------------------

Batch size: 2, Learning rate: 0.0001, Batch size per image: 128