

epoch,	train/box_loss,	train/cls_loss,	train/df_l_loss,	metrics/precision(B)	
0,	0.91155,	1.7361,	1.3263,	0.56394,	0.65
1,	0.96823,	1.5831,	1.362,	0.57897,	0.55
2,	0.92779,	1.506,	1.3358,	0.63119,	0.62
3,	0.87899,	1.3919,	1.3002,	0.69432,	0.66
4,	0.83512,	1.2978,	1.2689,	0.67231,	0.63
5,	0.79839,	1.2285,	1.2428,	0.71931,	0.69
6,	0.77796,	1.157,	1.2243,	0.78554,	0.72
7,	0.75374,	1.1192,	1.2112,	0.76521,	0.69
8,	0.73304,	1.0548,	1.2003,	0.81277,	0.79
9,	0.71663,	1.0254,	1.1869,	0.77438,	0.78
10,	0.70867,	1.0029,	1.1837,	0.76326,	0.7
11,	0.68657,	0.94544,	1.1667,	0.77416,	0.7
12,	0.67883,	0.9285,	1.1607,	0.81934,	0.8
13,	0.65733,	0.92,	1.1478,	0.83802,	0.82
14,	0.64849,	0.85817,	1.1403,	0.85023,	0.8
15,	0.6462,	0.84663,	1.1376,	0.8549,	0.80
16,	0.64659,	0.84504,	1.1399,	0.8376,	0.8
17,	0.62988,	0.81741,	1.1281,	0.88151,	0.8
18,	0.6273,	0.81484,	1.1305,	0.88807,	0.8
19,	0.62109,	0.79141,	1.126,	0.86192,	0.8
20,	0.61533,	0.78003,	1.1207,	0.85503,	0.8
21,	0.60933,	0.77877,	1.1205,	0.86914,	0.8
22,	0.60042,	0.74635,	1.1119,	0.86313,	0.8
23,	0.59276,	0.73703,	1.1083,	0.88969,	0.
24,	0.58471,	0.70778,	1.0989,	0.88409,	0.8
25,	0.58327,	0.69369,	1.1001,	0.87205,	0.8
26,	0.58216,	0.68058,	1.1015,	0.89679,	0.8
27,	0.57491,	0.68499,	1.0987,	0.89158,	0.8
28,	0.56693,	0.66129,	1.0883,	0.88133,	0.8
29,	0.56625,	0.65683,	1.0915,	0.89679,	0.
30,	0.55391,	0.64243,	1.0852,	0.92878,	0.8
31,	0.56014,	0.63305,	1.0873,	0.90691,	0.8
32,	0.54919,	0.61024,	1.0774,	0.89413,	0.8
33,	0.54398,	0.60461,	1.0747,	0.89569,	0.
34,	0.52706,	0.58631,	1.0637,	0.9042,	0.8
35,	0.53281,	0.58905,	1.0699,	0.90366,	0.8
36,	0.5328,	0.58471,	1.0668,	0.90238,	0.9
37,	0.52007,	0.57035,	1.0606,	0.89414,	0.9
38,	0.52231,	0.55125,	1.0602,	0.90704,	0.8
39,	0.52721,	0.54189,	1.0628,	0.89224,	0.8
40,	0.51319,	0.53596,	1.0561,	0.91998,	0.8
41,	0.50252,	0.51976,	1.0487,	0.92735,	0.8
42,	0.50066,	0.50899,	1.0457,	0.91803,	0.8
43,	0.49931,	0.51642,	1.0431,	0.91729,	0.8
44,	0.49393,	0.49251,	1.042,	0.91661,	0.8
45,	0.49049,	0.48941,	1.0427,	0.90603,	0.8
46,	0.47975,	0.4744,	1.0355,	0.91164,	0.8
47,	0.48085,	0.46915,	1.0361,	0.91137,	0.8
48,	0.47975,	0.469,	1.0382,	0.9226,	0.87

49,	0.47937,	0.45976,	1.0368,	0.91442,	0.8
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	metrics/recall(B),	metrics/mAP50(B),	metrics/mAP50-95(B),	val/box_loss,	va
5114,	0.65087,	0.45016,	0.95039,	1.3314,	1.4819,
292,	0.5932,	0.42836,	0.90156,	1.4329,	1.4404,
241,	0.66501,	0.51619,	0.76637,	1.2602,	1.3372,
5958,	0.73616,	0.58771,	0.73601,	1.0828,	1.297,
3548,	0.67804,	0.53957,	0.74762,	1.0908,	1.2818,
3553,	0.77924,	0.64467,	0.65057,	0.98328,	1.1979,
329,	0.80569,	0.66555,	0.63262,	0.90677,	1.1931,
3881,	0.81137,	0.67108,	0.64759,	0.93633,	1.2155,
3014,	0.87867,	0.74331,	0.57603,	0.77074,	1.1284,
3178,	0.84059,	0.71637,	0.56632,	0.75826,	1.1216,
7503,	0.83282,	0.70378,	0.58988,	0.84269,	1.1438,
73414,	0.81762,	0.69728,	0.56224,	0.82736,	1.1146,
3081,	0.85918,	0.73263,	0.53963,	0.72763,	1.0946,
992,	0.89701,	0.77975,	0.51862,	0.65833,	1.0642,
33086,	0.89695,	0.78315,	0.50096,	0.6234,	1.0513,
3543,	0.8949,	0.78377,	0.50222,	0.67839,	1.0588,
4502,	0.90011,	0.80258,	0.48473,	0.61519,	1.0492,
33086,	0.91039,	0.81895,	0.47048,	0.59688,	1.0241,
4113,	0.92517,	0.83123,	0.46455,	0.54623,	1.0183,
3449,	0.911,	0.8124,	0.4518,	0.57556,	1.0086,
32193,	0.89302,	0.79058,	0.48334,	0.63813,	1.0402,
38585,	0.92547,	0.82528,	0.47202,	0.52826,	1.0351,
31516,	0.90297,	0.81174,	0.45648,	0.59701,	1.0128,
8612,	0.92787,	0.82978,	0.44732,	0.52808,	0.99515,
36698,	0.91914,	0.82569,	0.45203,	0.52494,	1.0016,
35287,	0.90503,	0.82174,	0.42198,	0.57353,	0.97162,
38647,	0.93763,	0.84305,	0.44277,	0.50647,	0.99728,
34987,	0.93026,	0.84276,	0.41677,	0.51706,	0.97439,
36761,	0.92334,	0.83366,	0.42351,	0.5337,	0.97934,
8559,	0.90953,	0.8216,	0.43058,	0.53574,	0.98609,
37052,	0.94274,	0.86854,	0.39938,	0.46522,	0.96345,
39106,	0.94648,	0.86959,	0.39315,	0.44661,	0.95534,
39706,	0.94475,	0.85913,	0.40509,	0.46959,	0.97424,
8694,	0.92585,	0.84998,	0.39518,	0.48477,	0.95351,
6931,	0.93316,	0.85504,	0.39803,	0.4772,	0.95787,
38955,	0.93444,	0.86466,	0.38237,	0.47274,	0.94101,
0694,	0.94505,	0.8739,	0.38631,	0.43326,	0.94352,
30252,	0.94554,	0.87232,	0.37771,	0.44243,	0.9396,
38008,	0.93423,	0.85944,	0.38289,	0.4678,	0.94919,
38636,	0.9291,	0.85506,	0.38241,	0.4712,	0.94893,
36729,	0.93166,	0.86351,	0.37061,	0.45554,	0.93478,
38414,	0.94639,	0.88206,	0.35967,	0.40679,	0.92736,
37567,	0.93632,	0.86648,	0.3714,	0.44208,	0.93513,
38214,	0.94112,	0.87456,	0.37009,	0.432,	0.93688,
8028,	0.93206,	0.86777,	0.36083,	0.43893,	0.92185,
37836,	0.92829,	0.86126,	0.36331,	0.45863,	0.9277,
6529,	0.92605,	0.86274,	0.3616,	0.46116,	0.92668,
37899,	0.93177,	0.86689,	0.36056,	0.44751,	0.92515,
366,	0.93151,	0.86628,	0.36614,	0.45521,	0.93202,

37903, 0.93982, 0.87555, 0.36433, 0.43922, 0.92967,

l/cls_loss,

val/df_l_loss,

lr/pg0,

lr/pg1,

lr/pg2

