

epoch,	train/box_loss,	train/cls_loss,	train/df_l_loss,	metrics/precision(B),	r
1,	0.95508,	1.2643,	1.2531,	0.6574,	0.86294,
2,	0.85454,	0.76945,	1.1538,	0.93827,	0.90302
3,	0.8262,	0.69482,	1.1286,	0.91766,	0.89299,
4,	0.8092,	0.64766,	1.1101,	0.95998,	0.92311,
5,	0.74623,	0.58812,	1.0821,	0.96084,	0.95896
6,	0.69577,	0.53517,	1.0543,	0.97721,	0.96786
7,	0.66825,	0.47991,	1.0354,	0.97606,	0.9728,
8,	0.6183,	0.46897,	1.0196,	0.99422,	0.97265,
9,	0.5924,	0.4511,	1.0044,	0.97074,	0.9622,
10,	0.58431,	0.43478,	1.0039,	0.97016,	0.97231
11,	0.49983,	0.34657,	0.97534,	0.96866,	0.9924
12,	0.486,	0.31619,	0.96967,	0.97489,	0.98879
13,	0.46553,	0.31129,	0.94547,	0.94685,	0.9573
14,	0.44973,	0.29566,	0.9361,	0.97759,	0.9712
15,	0.41607,	0.26515,	0.91338,	0.98895,	0.9649
16,	0.40515,	0.24407,	0.90959,	0.98763,	0.9846
17,	0.38596,	0.23674,	0.89888,	0.99097,	0.9910
18,	0.3644,	0.22334,	0.88831,	0.97117,	0.9896
19,	0.35178,	0.21383,	0.87799,	0.98526,	0.9855
20,	0.33703,	0.1949,	0.87335,	0.98984,	0.9892

	metrics/recall(B),	metrics/mAP50(B),	metrics/mAP50-95(B),	val/box_loss,	val/cls_loss,	
	0.70994,	0.52616,	0.93133,	1.1959,	1.3005,	0.00055
5,	0.95731,	0.75899,	0.88217,	0.75835,	1.2606,	0.001
15,	0.95875,	0.80362,	0.67224,	0.61412,	1.0668,	0.001
3,	0.98288,	0.87237,	0.57115,	0.44702,	0.99153,	0.001
16,	0.9899,	0.91343,	0.51754,	0.3932,	0.96629,	0.001
3,	0.99172,	0.92166,	0.46192,	0.33972,	0.92471,	0.001
16,	0.9935,	0.92288,	0.47373,	0.31516,	0.93354,	0.001
3,	0.99451,	0.92437,	0.46416,	0.29519,	0.93097,	0.001
16,	0.99109,	0.93709,	0.41254,	0.31547,	0.91707,	0.001
5,	0.98922,	0.93642,	0.40773,	0.31819,	0.8956,	0.001
15,	0.99395,	0.93674,	0.40036,	0.29295,	0.89776,	0.001
3,	0.99456,	0.93634,	0.37924,	0.29651,	0.89433,	0.001
16,	0.99424,	0.94058,	0.37922,	0.32765,	0.88644,	0.001
3,	0.9929,	0.95049,	0.3575,	0.25465,	0.86851,	0.001
16,	0.99442,	0.96058,	0.33306,	0.23524,	0.8613,	0.001
3,	0.99436,	0.95826,	0.33671,	0.24757,	0.85704,	0.001
16,	0.99461,	0.95823,	0.34785,	0.24175,	0.87029,	0.001
3,	0.99438,	0.96918,	0.32646,	0.22674,	0.85488,	0.001
16,	0.99391,	0.97166,	0.29527,	0.20872,	0.84313,	0.001
3,	0.99484,	0.96566,	0.31674,	0.19507,	0.84748,	9.91

val/df_loss, lr/pg0, lr/pg1, lr/pg2