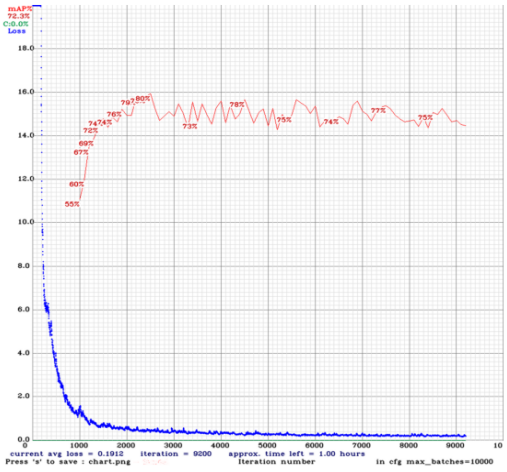
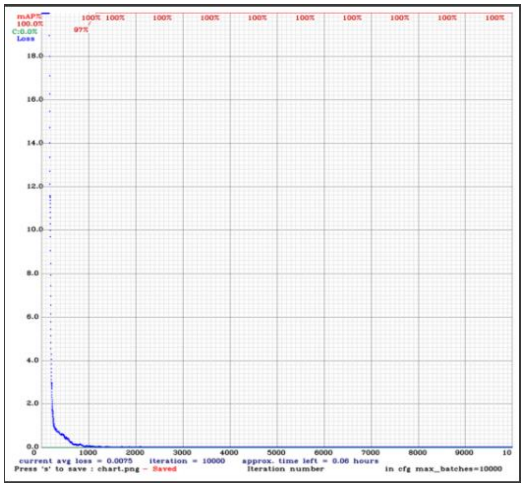
Learning Curve

darknet53_mask_origin



darknet53_mask_MFN



Average Precision

	A	B	C	D	E
1	class_id	class_name	True Positive	False Positive	Average Precision
2	0	mask	312	34	94.50%
3	1	improperly	17	0	96.77%
4	2	no mask	53	10	75.07%

	A	B	C	D	E
1	class_id	class_name	True Positive	False Positive	Average Precision
2	0	mask	104	0	100.00%
3	1	improperly	89	1	100.00%
4	2	no mask	107	1	100.00%

F1-score & Average IoU

	A	B	C	D	E	F	G	H
1	confidence_threshold	precision(TP/(TP+FP))	recall(TP/(TP+FN))	F1-score	TP	FP	FN	average IoU
2	0.25	0.9	0.91	0.9	382	44	39	72.08%

	B	C	D	E	F	G	H
1	precision(TP/(TP+FP))	recall(TP/(TP+FN))	F1-score	TP	FP	FN	average IoU
2	0.99	1.00	1.00	300	2	0	90.03%

test result

	A	B	C	D	E
1	class_id	class_name	True Positive	False Positive	Precision
2	0	mask	25	2	92.59%
3	1	improperly	25	8	75.76%
4	2	no mask	24	2	92.31%
5					
6	special_mask_id	mask_name	TP	FP	Precision
7	0	cloth_mask	27	0	100%
8	0	n95_n99	27	2	93.10%
9	0	scarf	25	3	89.29%
10	0	transparent	30	4	88.24%

	A	B	C	D	E
1	class_id	class_name	True Positive	False Positive	Precision
2	0	mask	24	5	82.76%
3	1	improperly	2	31	6.06%
4	2	no mask	25	7	78.13%
5					
6	special_mask_id	mask_name	TP	FP	Precision
7	0	cloth_mask	6	26	18.75%
8	0	n95_n99	8	25	24.24%
9	0	scarf	5	27	15.63%
10	0	transparent	9	26	25.71%