

Few-shot detection performance on COCO for novel classes

Shot	Method	AP _{0.5:0.95}	AP _{0.5}	AP _{0.75}
1	FRCN+ft-full	1.7	3.3	1.6
	Deformable-DETR+ft-full	1.8	3.1	1.8
	TFA w/ cos	1.9	3.8	1.7
	TFA w/ cos + Halluc	3.8	6.5	4.3
	Meta-DETR	7.5	12.5	7.7
	Ours	6.9	11.3	7.0
3	FRCN+ft-full	3.7	7.1	3.5
	Deformable-DETR+ft-full	4.9	7.8	5.1
	TFA w/ cos	5.1	9.9	4.8
	TFA w/ cos + Halluc	6.9	12.6	7.0
	Meta-DETR	13.5	21.7	14.0
	Ours	13.8	22.4	14.3
5	FRCN+ft-full	4.6	8.7	4.4
	Deformable-DETR+ft-full	7.4	12.3	7.7
	TFA w/ cos	7.0	13.3	6.5
	FsDetView	10.7	24.5	6.7
	Meta-DETR	15.4	25.0	15.8
	Ours	16.0	26.3	16.5
10	FRCN+ft-full	5.5	10.0	5.5
	Deformable-DETR+ft-full	11.7	19.6	12.1
	Meta-YOLO	5.6	12.3	4.6
	Meta Det	7.1	14.6	6.1
	Meta R-CNN	8.7	19.1	6.6
	TFA w/ cos	9.1	17.1	8.8
	FSOD	12.0	22.4	11.8
	FsDetView	12.5	27.3	9.8
	MPSR	9.8	17.9	9.7
	SRR-FSD	11.3	23.0	9.8
	CME	15.1	24.6	16.4
	DCNet	12.8	23.4	11.2
	FSCE	11.1	-	9.8
	Meta-DETR	19.0	30.5	19.7
	Ours	20.5	33.3	21.3
30	FRCN+ft-full	7.4	13.1	7.4
	Deformable-DETR+ft-full	16.3	27.2	16.7
	Meta-YOLO	9.1	19.0	7.6
	Meta Det	11.3	21.7	8.1
	Meta R-CNN	12.4	25.3	10.8
	TFA w/ cos	12.1	22.0	12.0
	FsDetView	14.7	30.6	12.2
	MPSR	14.1	25.4	14.2
	SRR-FSD	14.7	29.2	13.5
	CME	16.9	28.0	17.8
	DCNet	18.6	32.6	17.5
	FSCE	15.3	-	14.2
	Meta-DETR	22.2	35.0	22.8
	Ours	24.5	38.1	25.1