Method	Network	mAP	areo	ыке	bird	boat	bottle	bus	car	cat	cnair	cow	table	aog	norse	mbike	person	piant	sneep	sora	train	tv
Faster [25]	VGG	73.2	76.5	79	70.9	65.5	52.1	83.1	84.7	86.4	52	81.9	65.7	84.8	84.6	77.5	76.7	38.8	73.6	73.9	83	72.6
ION [2]	VGG	75.6	79.2	83.1	77.6	65.6	54.9	85.4	85.1	87	54.4	80.6	73.8	85.3	82.2	82.2	74.4	47.1	75.8	72.7	84.2	80.4
Faster [15]	Residual-101	76.4	79.8	80.7	76.2	68.3	55.9	85.1	85.3	89.8	56.7	87.8	69.4	88.3	88.9	80.9	78.4	41.7	78.6	79.8	85.3	72
MR-CNN [10]	VGG	78.2	80.3	84.1	78.5	70.8	68.5	88	85.9	87.8	60.3	85.2	73.7	87.2	86.5	85	76.4	48.5	76.3	75.5	85	81
R-FCN [4]	Residual-101	80.5	79.9	87.2	81.5	72	69.8	86.8	88.5	89.8	67	88.1	74.5	89.8	90.6	79.9	81.2	53.7	81.8	81.5	85.9	79.9
SSD300 [21]	VGG	77.5	79.5	83.9	76	69.6	50.5	87	85.7	88.1	60.3	81.5	77	86.1	87.5	83.9	79.4	52.3	77.9	79.5	87.6	76.8
SSD512 [21]	VGG	79.5	84.8	85.1	81.5	73	57.8	87.8	88.3	87.4	63.5	85.4	73.2	86.2	86.7	83.9	82.5	55.6	81.7	79	86.6	80
DSSD321 [8]	Residual-101	78.6	81.9	84.9	80.5	68.4	53.9	85.6	86.2	88.9	61.1	83.5	78.7	86.7	88.7	86.7	79.7	51.7	78	80.9	87.2	79.4
DSSD513 [8]	Residual-101	81.5	86.6	86.2	82.6	74.9	62.5	89	88.7	88.8	65.2	87	78.7	88.2	89	87.5	83.7	51.1	86.3	81.6	85.7	83.7
STDN300 [38]	DenseNet-169	78.1	81.1	86.9	76.4	69.2	52.4	87.7	84.2	88.3	60.2	81.3	77.6	86.6	88.9	87.8	76.8	51.8	78.4	81.3	87.5	77.8
STDN321 [38]	DenseNet-169	79.3	81.2	88.3	78.1	72.2	54.3	87.6	86.5	88.8	63.5	83.2	79.4	86.1	89.3	88.0	77.3	52.5	80.3	80.8	86.3	82.1
STDN513 [38]	DenseNet-169	80.9	86.1	89.3	79.5	74.3	61.9	88.5	88.3	89.4	67.4	86.5	79.5	86.4	89.2	88.5	79.3	53.0	77.9	81.4	86.6	85.5
VDNet	Resnet-101	86.2	95.8	98.1	98.4	65.1	94.6	90.1	96.2	71.7	72.3	54.6	97.9	95.6	89.2	90.1	93.2	69.1	89.2	82.1	93.4.6	74.0
· ·																						
Table 1, PAS	Table 1. PASCAL VOC 2007 Test Detection Results. Note that the minimum dimension of the input image for Faster and R-FCN is 600,).						
	and the speed is less than 10 frames per second. SSD300 indicates the input image dimension of SSD is 300×300 . Large input sizes can															,						
and the speed	l is less than	10 fra	ames	per s	econo	1. SS	D300 :	ındıc	ates t	he inj	out in	iage o	lımen	sion (of SSI	D 18 30	00×30)0. La	rge ın	put sı	zes ca	n
lead to better	results but	this in	crea	ses m	ınnin	o tim	es Al	1 mod	lels v	ere t	raineo	l on t	he iin	ion o	f the t	rainval	l set fro	om V	C_{20}	07 an	d VO	~
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2012 and tested on the VOC 2007 test set.