

	TCN			EV-Action	80.10%						Nil							https://arxiv.org/abs/1704.04516v1	Medium
	ST-GCN			EV-Action	79.60%						Nil							https://arxiv.org/abs/1801.07456v2	Easy
	TSN			EV-Action	73.60%						Nil							https://arxiv.org/abs/1608.00859v1	Hard
Text Recognition					PRECISION	RECALL	F-MEASURE												
	TextFuseNet			ICDAR 2015	93.96	90.56	92.23				Nil						merges two tasks: bounding box and text prediction	https://www.ical.org/Proceedings/2020/72	Hard
	CharNet H-88			ICDAR 2015	92.65	90.47	91.55	89.21M	Nil	Nil		one-stage model that can process two tasks simultaneously in one pass. CharNet directly outputs bounding boxes of words and characters, with corresponding character labels because of the backbone used	CharNet H-88 has more params than CharNet H-57				https://github.com/NimbleBox/box_of_all_tools/tree/main/Text_Recognition/CharNet	https://arxiv.org/abs/1910.07954v1	Medium
	SBD			ICDAR 2015	92.1	88.2	90.1			Nil								https://arxiv.org/abs/1912.09820v2	Medium
	FOTS MS			ICDAR 2015	91.85	87.92	89.84	34.98 M	Nil	Nil								https://arxiv.org/abs/1801.01671v2	Hard
	DB-ResNet-50			ICDAR 2015	91.8	83.2	87.3			Nil								https://arxiv.org/abs/1911.08347v6	Easy
	Mask TextSpotter			ICDAR 2015	91.6	81	86	Nil		Nil		takes advantage of simple and smooth end-to-end learning procedure, in which precise text detection and recognition areacquired via semantic segmentation	proposes region, box classification and word segmentation differently			merges two tasks: bounding box and text prediction	https://github.com/NimbleBox/box_of_all_tools/tree/main/Text_Recognition/MaskTextSpotter	https://arxiv.org/abs/1807.02242v2	Easy
	CharNet H-57			ICDAR 2015	91.43	88.74	90.06	34.96M	Nil	Nil		one-stage model that can process two tasks simultaneously in one pass. CharNet directly outputs bounding boxes of words and characters, with corresponding character labels	CharNet H-57 has comparatively less params than CharNet H-88 but compromises on the performance				https://github.com/NimbleBox/box_of_all_tools/tree/main/Text_Recognition/CharNet	https://arxiv.org/abs/1910.07854v1	Medium
	PMTD			ICDAR 2015	91.3	87.43	89.33			Nil		The CTPN detects a text line in a sequence of fine-scale text proposals directly in convolutions. It is not an end-to-end solution a CRNN needs to be attached to predict text.					https://arxiv.org/abs/1903.11800v1	Medium	
	CTPN+CRNN				BOX AP	AP50	AP75	AP5	APM	APL								https://github.com/NimbleBox/box_of_all_tools/tree/main/Text_Recognition/CTPN+CRNN	
Object Detection																			
	YOLO V4 P7 DetectoRS (ResNeXt0-101-64x4d, multi-scale)			MS COCO	55.8	73.2	61.2	38.8	60.1	68.2	287.4							https://arxiv.org/pdf/2011.09336v1.pdf	Medium
				MS COCO	55.7	74.2	61.1	37.7	58.4	68.1								https://arxiv.org/pdf/2006.02348v2.pdf	Medium
	EfficientDet-D7x			MS COCO	55.1	74.3	59.9	37.2	57.9	68								https://arxiv.org/pdf/1911.09070v7.pdf	Medium
	YOLO V4 P6			MS COCO	54.3	72.3	59.5	36.6	58.2	65.5								https://arxiv.org/pdf/2011.09036v1.pdf	Medium
	SplineNet-190			MS COCO	54.3													https://arxiv.org/pdf/1912.05647v3.pdf	Medium
	Cascade MaskRCNN			MS COCO	53.3	71.9	58.5	35.5	55.8	66.7								https://arxiv.org/pdf/1909.03626v1.pdf	Medium
	ResNeSt-200DCN			MS COCO	53.3	72	58	35.1	56.2	66.8								https://arxiv.org/pdf/2004.03650v1.pdf	Medium
	Probabilistic Anchor Assignment with IoU Prediction for Object Detection (PAA)			MS COCO	53.5	71.6	59.1	36	56.3	66.9								https://arxiv.org/pdf/2007.08103v2.pdf	High
	Faster RCNN ResNet 101			MS COCO	43.9	65.7	48.1	25.4	46.7	56.3								https://arxiv.org/pdf/1908.04156v3.pdf	Easy
	RetinaNet (ResNext-101)			MS COCO	40.8	61.1	44.1	24.1	44.2	51.2								https://arxiv.org/pdf/1708.02020v2.pdf	Easy
	SSD 512			MS COCO	28.8	48.5	30.3											https://arxiv.org/pdf/1512.02509v5.pdf	Easy