TABLE I: Task 1. Scene text detection results.

Rank	Method Name	Institution	Hmean (IoU > 0.5)	Hmean (IoU > 0.7)
1	pil_maskrcnn	Institute of Computing Technology, Chinese Academy of Sciences	82.65	76.06
2	NJU-ImagineLab	Nanjing University	80.24	70.33
3	ArtDet-v2	Sogou-OCR team	79.48	72.01
4	baseline_polygon	Beihang University	78.79	68.36
5	CUTeOCR	Chinese University of Hong Kong, Harbin Institute of Technology	78.36	71.31
6	Sg_ptd	Sogou Tech	77.42	65.04
7	Alibaba-PAI	Alibaba Group	76.10	64.41
8	Fudan-Supremind Detection v3	Fudan University	75.24	64.76
9	SRCB_Art	Samsung Research China-Beijing	75.02	65.25
10	A scene text detection method based on maskrcnn	Fudan University	74.72	65.24
11	DMText_art	Tencent	74.43	65.94
12	TEXT_SNIPER	Institute of Information Engineering, Chinese Academy of Sciences	73.74	59.36
13	CLTDR	Chinese Academy of Sciences	73.32	64.66
14	CRAFT	Clova AI OCR Team, NAVER/LINE Corp	72.85	56.16
15	Sogou_MM	Sogou Inc Sogou_MM team	72.69	60.61
16	QAQ	Institute of Automation, Chinese Academy of Sciences	72.21	55.60
17	MaskDet	MetaSota.ai	71.44	59.07
18	fdu_ai	Fairleigh Dickinson University	70.40	61.11
19	CCISTD	Peking University	69.47	61.09
20	Mask RCNN	-	68.95	59.07
21	TextMask_V1	-	68.92	60.63
22	MFTD: Mask Filters for Text Detection	-	67.27	55.92
23	Art detect by vivo	VIVO AI Lab	66.92	55.55
24	PAT-S.Y	-	66.72	54.22
25	DMCA	Institute of Information Engineering, Chinese Academy of Sciences	66.45	52.25
26	TMIS	USTC-iFLYTEK	66.01	56.53
27	mask rcnn	-	63.81	50.11
28	Unicamp-SRBR-PN-1	Samsung R&D Institute Brazil (SRBR) and University of Campinas (Unicamp)	62.37	46.46
29	TP	Shanghai Jiao Tong University	62.18	50.86
30	Improved Progressive scale expansion Net	-	61.88	49.50
31	1	-	58.20	41.66
32	TextCohesion_1	Zhengzhou University	53.20	42.40
33	EM-DATA	-	51.99	32.22
34	RAST: Robust Arbitrary Shape Text Detector	-	47.30	36.51
35	MSR	-	0.50	0.07

TABLE II: Task 2.1 Scene text recognition (Latin only) results.

Rank	Method Name	Institution	Accuracy
1	PKU_Team_Zero	MEGVII (Face++), Peking University	74.30
2	CUTeOCR	Chinese University of Hong Kong, Harbin Institute of Technology	73.91
3	CRAFT (Preprocessing) + TPS-ResNet	Clova AI OCR Team, NAVER/LINE Corp	73.87
4	NPU-ASGO	Northwestern Polytechnical University	71.82
5	CIGIT and XJTLU	Chongqing Institute of Green and Intelligent Technology, Chinese Academy of Sciences & Xi'an Jiaotong-Liverpool University	70.73
6	Attention based method for scene text recognition	SenseTime Group	70.39
7	Ensemble and post processes	-	69.15
8	CSN-ED	USTC-iFLYTEK	67.32
9	Alchera AI	Alchera AI	66.81
10	Irregular Text Recognizer with Attention Mechanism	Pennsylvania State University	64.45
11	class_5435_rotate	Beihang University	63.86
12	MatchCRNN	MetaSota.ai	58.03
13	Arbitrary shape scene text recognition based on CNN and Attention Enhanced Bi-directional LSTM	-	56.09
14	Fudan-Supremind Recognition	Fudan University	50.56
15	LCT_OCR	Institute of Information Engineering, Chinese Academy of Sciences	47.31
16	So Cold 2.0	-	45.30
17	task2x	-	38.08

TABLE III: Task 2.2 Scene text recognition (Chinese and Latin) results.

Rank	Method Name	Institution	1-NED
1	CRAFT (Preprocessing) + TPS-ResNet	Clova AI OCR Team, NAVER/LINE Corp	85.32
2	Attention based method for arbitrary-shaped scene text recognition	SenseTime Group	85.20
3	CSN-ED	USTC-iFLYTEK	81.23
4	class_5435_rotate	Beihang University	80.60
5	MatchCRNN	MetaSota.ai	72.61
6	Ensemble and post processes	-	71.27
7	So Cold 2.0	-	69.76
8	Fudan-Supremind Recognition	Fudan University	66.15
9	CUTeOCR	Chinese University of Hong Kong, Harbin Institute of Technology	65.38
10	PKU_Team_Zero	MEGVII (Face++), Peking University	65.06
11	NPU-ASGO	Northwestern Polytechnical University	63.82
12	CIGIT and XJTLU	Chongqing Institute of Green and Intelligent Technology, Chinese Academy of Sciences & Xi'an Jiaotong-Liverpool University	63.15
13	Alchera AI	Alchera AI	61.61
14	Irregular Text Recognizer with Attention Mechanism	Pennsylvania State University	61.42
15	LCT_OCR	Institute of Information Engineering, Chinese Academy of Sciences	59.77
16	task2x	-	56.53
17	Arbitrary shape scene text recognition based on CNN and Attention Enhanced Bi-directional LSTM	-	54.49

TABLE IV: Task 3.1 Scene text Spotting (Latin only) results.

Rank	Method Name	Institution	Accuracy Hmean	1-NED
1	baseline_0.5_class_5435	Beihang University	52.45	53.86
2	Alibaba-PAI	Alibaba Group	57.32	53.36
3	QAQ3	Institute of Automation, Chinese Academy of Sciences	45.57	46.01
4	Detection-Recognition	USTC-iFLYTEK	48.64	45.84
5	CLTDR	Chinese Academy of Sciences	44.71	44.49
6	So Cold 2.0	-	37.09	39.71
7	task3	-	37.48	34.03
8	CRAFT + TPS-ResNet v1	Clova AI OCR Team, NAVER/LINE Corp	31.68	27.21

TABLE V: Task 3.2 Scene text spotting (Chinese and Latin) results.

Rank	Method Name	Institution	Accuracy Hmean	1-NED
1	baseline_0.5_class_5435	Beihang University	50.17	54.91
2	Alibaba-PAI	Alibaba Group	53.48	51.68
3	QAQ3	Institute of Automation, Chinese Academy of Sciences	47.48	49.10
4	CLTDR	Chinese Academy of Sciences	45.65	48.78
5	Detection-Recognition	USTC-iFLYTEK	46.13	48.03
6	So Cold 2.0	-	34.14	39.58
7	task3	-	38.58	37.65
8	CRAFT + TPS-ResNet v1	Clova AI OCR Team, NAVER/LINE Corp	32.26	29.58