User	Method	Rank	Task 1 metric	Word					Line					Paragraph				
			H-PQ	PQ	F	P	R	T	PQ	F	P	R	T	PQ	F	P	R	T
YunSu Kim	Upstage KR	1	76.85	79.80	91.88	94.73	89.20	86.85	76.40	88.34	91.32	85.56	86.48	74.54	86.15	87.40	84.94	86.52
DeepSE x Upstage	DeepSE hierarchical detection model	2	70.96	75.30	88.49	93.50	83.99	85.10	69.43	82.43	82.65	82.21	84.23	68.51	81.39	81.69	81.10	84.17
zhm	hiertext_submit_0401 curve_199_v2	3	70.31	76.71	88.18	92.71	84.08	86.99	71.43	83.32	89.32	78.07	85.73	63.97	74.83	81.25	69.35	85.48
Mike Ranzinger	NVTextSpotter	4	68.82	73.69	87.07	95.10	80.29	84.63	67.76	80.42	93.87	70.35	84.25	65.51	78.04	81.82	74.60	83.94
ssm	Ensemble of three task-specific Clova DEER detection	5	68.72	71.54	92.03	93.82	90.31	77.74	69.64	89.04	91.75	86.49	78.21	65.29	83.70	84.17	83.23	78.01
xswl	Global and local instance segmentations for hierarchical text detection	6	68.62	76.16	90.72	93.45	88.16	83.95	68.50	82.22	80.24	84.31	83.31	62.55	75.11	74.00	76.25	83.28
Asaf Gendler	Hierarchical Transformers for Text Detection	7	67.59	70.44	86.09	88.47	83.83	81.82	69.30	85.23	87.83	82.78	81.31	63.46	78.40	77.84	78.97	80.94
JiangQing	SCUT-HUAWEI	8	62.68	70.08	89.58	89.79	89.37	78.23	67.70	86.20	90.46	82.33	78.53	53.14	69.06	74.03	64.72	76.96
Jiawei Wang	DQ-DETR	9	27.81	61.01	77.27	80.64	74.17	78.96	26.96	35.91	26.81	54.39	75.07	18.38	24.72	15.99	54.41	74.36
ZiqianShao	test	10	21.94	27.45	41.75	51.82	34.95	65.76	25.61	39.04	51.50	31.43	65.59	16.32	24.52	35.61	18.70	66.57
Yichuan Cheng	a	11	0.00	0.00	0.00	0.24	0.00	53.62	0.01	0.01	0.25	0.01	51.29	0.01	0.02	0.21	0.01	50.89

Table 1. Results for Task 1. F/P/R/T/PQ stand for *F1-score*, *Precision*, *Recall*, *Tightness*, and *Panoptic Quality* respectively. The submissions are ranked by the *H-PQ* score. H-PQ can be interpreted as *Hierarchical-PQ* or *Harmonic-PQ*. H-PQ is calculated as the harmonic means of the PQ scores of the 3 hierarchies: word, line, and paragraph. It represents the comprehensive ability of a method to detect the text hierarchy in image. We omit the % for all these numbers for simplicity.

User	Method	Rank	Word				
			PQ	F	P	R	T
YunSu Kim	Upstage KR	1	70.00	79.58	82.05	77.25	87.97
DeepSE x Upstage	DeepSE End-to-End Text Detection and Recognition Model	2	67.46	77.93	88.05	69.89	86.57
ssm	Ensemble of three task-specific Clova DEER	3	59.84	76.15	77.63	74.73	78.59
Mike Ranzinger	NVTextSpotter	4	63.57	74.10	80.94	68.34	85.78
JiangQing	SCUT-HUAWEI	5	58.12	73.41	74.38	72.46	79.17
kuli.cyd	DBNet++ and SATRN	6	51.62	71.64	82.76	63.15	72.06
Dang Quang Vinh	keba	7	44.87	54.30	68.37	45.03	82.64

Table 2. Results for Task 2. F/P/R/T/PQ stand for *F1-score*, *Precision*, *Recall*, *Tightness*, and *Panoptic Quality* respectively. The submissions are ranked by the F1 score. We omit the % for all these numbers for simplicity.