

Detailed results

Submission information

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Competition submission: 39
Competition phase: 3 - Open phase

Results

ALL	A	B	C	N						
					OVERALL					
					TP	FP	FN	P	R	F _{0.5}
Span-level correction					1822	315	2827	85.26	39.19	69.03
Span-level detection					1941	200	2831	90.66	40.67	72.77
Token-level detection					2236	118	3243	94.99	40.81	75.06

SPAN-LEVEL CORRECTION

		OPERATION LEVEL					
		TP	FP	FN	P	R	F _{0.5}
M		463	70	587	86.87	44.10	72.75
R		1113	183	1997	85.88	35.79	67.10
U		246	62	243	79.87	50.31	71.47

ERROR TYPE LEVEL

		TP	FP	FN	P	R	F _{0.5}
ADJ		5	1	26	83.33	16.13	45.45
ADJ:FORM		2	0	5	100.00	28.57	66.67
ADV		19	4	39	82.61	32.76	63.33
CONJ		5	0	15	100.00	25.00	62.50
CONTR		8	0	5	100.00	61.54	88.89

DET	311	56	264	84.74	54.09	76.11
MORPH	31	4	101	88.57	23.48	56.99
NOUN	12	4	99	75.00	10.81	34.29
NOUN:INFL	7	0	11	100.00	38.89	76.09
NOUN:NUM	135	16	96	89.40	58.44	80.84
NOUN:POSS	24	2	24	92.31	50.00	78.95
ORTH	127	12	231	91.37	35.47	69.47
OTHER	95	41	591	69.85	13.85	38.62
PART	17	5	13	77.27	56.67	72.03
PREP	201	34	213	85.53	48.55	74.22
PRON	53	8	83	86.89	38.97	69.74
PUNCT	325	43	296	88.32	52.33	77.64
SPELL	43	0	255	100.00	14.43	45.74
VERB	43	14	159	75.44	21.29	50.00
VERB:FORM	120	14	66	89.55	64.52	83.10
VERB:INFL	2	0	6	100.00	25.00	62.50
VERB:SVA	109	13	39	89.34	73.65	85.69
VERB:TENSE	112	37	129	75.17	46.47	66.91
WO	16	7	61	69.57	20.78	47.34

OPERATION + ERROR TYPE LEVEL

	TP	FP	FN	P	R	F_{0.5}
M:ADJ	1	1	5	50.00	16.67	35.71
M:ADV	4	2	16	66.67	20.00	45.45
M:CONJ	5	0	10	100.00	33.33	71.43
M:DET	131	16	130	89.12	50.19	77.15
M:NOUN	0	0	7	100.00	0.00	0.00
M:NOUN:POSS	5	0	9	100.00	35.71	73.53
M:OTHER	5	5	38	50.00	11.63	30.12
M:PART	0	0	4	100.00	0.00	0.00
M:PREP	32	8	54	80.00	37.21	65.04
M:PRON	26	4	40	86.67	39.39	69.89
M:PUNCT	211	23	224	90.17	48.51	76.95

M:VERB	10	3	23	76.92	30.30	58.82
M:VERB:FORM	13	0	2	100.00	86.67	97.01
M:VERB:TENSE	20	8	25	71.43	44.44	63.69
R:ADJ	2	0	18	100.00	10.00	35.71
R:ADJ:FORM	2	0	5	100.00	28.57	66.67
R:ADV	5	0	15	100.00	25.00	62.50
R:CONJ	0	0	2	100.00	0.00	0.00
R:CONTR	3	0	1	100.00	75.00	93.75
R:DET	55	7	55	88.71	50.00	76.82
R:MORPH	31	4	101	88.57	23.48	56.99
R:NOUN	11	2	78	84.62	12.36	39.01
R:NOUN:INFL	7	0	11	100.00	38.89	76.09
R:NOUN:NUM	135	16	96	89.40	58.44	80.84
R:NOUN:POSS	13	0	10	100.00	56.52	86.67
R:ORTH	127	12	231	91.37	35.47	69.47
R:OTHER	82	35	534	70.09	13.31	37.82
R:PART	15	5	7	75.00	68.18	73.53
R:PREP	131	15	124	89.73	51.37	78.07
R:PRON	17	3	28	85.00	37.78	68.00
R:PUNCT	90	19	42	82.57	68.18	79.23
R:SPELL	43	0	255	100.00	14.43	45.74
R:VERB	31	6	124	83.78	20.00	51.16
R:VERB:FORM	105	13	61	88.98	63.25	82.29
R:VERB:INFL	2	0	6	100.00	25.00	62.50
R:VERB:SVA	109	13	39	89.34	73.65	85.69
R:VERB:TENSE	81	26	93	75.70	46.55	67.28
R:WO	16	7	61	69.57	20.78	47.34
U:ADJ	2	0	3	100.00	40.00	76.92
U:ADV	10	2	8	83.33	55.56	75.76
U:CONJ	0	0	3	100.00	0.00	0.00
U:CONTR	5	0	4	100.00	55.56	86.21
U:DET	125	33	79	79.11	61.27	74.76
U:NOUN	1	2	14	33.33	6.67	18.52

U:NOUN:POSS	6	2	5	75.00	54.55	69.77
U:OTHER	8	1	19	88.89	29.63	63.49
U:PART	2	0	2	100.00	50.00	83.33
U:PREP	38	11	35	77.55	52.05	70.63
U:PRON	10	1	15	90.91	40.00	72.46
U:PUNCT	24	1	30	96.00	44.44	77.92
U:VERB	2	5	12	28.57	14.29	23.81
U:VERB:FORM	2	1	3	66.67	40.00	58.82
U:VERB:TENSE	11	3	11	78.57	50.00	70.51

SPAN-LEVEL DETECTION

OPERATION LEVEL

	TP	FP	FN	P	R	F _{0.5}
M	484	46	592	91.32	44.98	75.72
R	1197	108	1918	91.72	38.43	71.81
U	257	46	246	84.82	51.09	74.93
UNK	3	0	75	100.00	3.85	16.67

ERROR TYPE LEVEL

	TP	FP	FN	P	R	F _{0.5}
ADJ	5	1	31	83.33	13.89	41.67
ADJ:FORM	2	0	5	100.00	28.57	66.67
ADV	21	2	37	91.30	36.21	70.00
CONJ	6	0	15	100.00	28.57	66.67
CONTR	7	0	5	100.00	58.33	87.50
DET	329	48	254	87.27	56.43	78.67
MORPH	36	1	100	97.30	26.47	63.38
NOUN	14	4	97	77.78	12.61	38.25
NOUN:INFL	7	0	11	100.00	38.89	76.09
NOUN:NUM	130	13	89	90.91	59.36	82.17
NOUN:POSS	24	2	27	92.31	47.06	77.42
ORTH	132	7	222	94.96	37.29	72.53
OTHER	144	12	569	92.31	20.20	53.85

PART	17	4	11	80.95	60.71	75.89
PREP	211	17	217	92.54	49.30	78.73
PRON	57	6	76	90.48	42.86	74.03
PUNCT	335	29	295	92.03	53.17	80.30
SPELL	43	0	256	100.00	14.38	45.65
UNK	3	0	75	100.00	3.85	16.67
VERB	51	9	162	85.00	23.94	56.29
VERB:FORM	115	10	57	92.00	66.86	85.57
VERB:INFL	2	0	7	100.00	22.22	58.82
VERB:SVA	109	5	40	95.61	73.15	90.08
VERB:TENSE	124	24	120	83.78	50.82	74.16
WO	17	6	53	73.91	24.29	52.47

OPERATION + ERROR TYPE LEVEL

	TP	FP	FN	P	R	F_{0.5}
M:ADJ	1	1	4	50.00	20.00	38.46
M:ADV	5	1	13	83.33	27.78	59.52
M:CONJ	5	0	11	100.00	31.25	69.44
M:DET	140	13	123	91.50	53.23	80.00
M:NOUN	1	0	10	100.00	9.09	33.33
M:NOUN:POSS	5	0	9	100.00	35.71	73.53
M:OTHER	3	1	41	75.00	6.82	25.00
M:PART	0	0	4	100.00	0.00	0.00
M:PREP	30	8	60	78.95	33.33	61.98
M:PRON	29	3	38	90.62	43.28	74.36
M:PUNCT	216	14	231	93.91	48.32	79.01
M:VERB	11	2	24	84.62	31.43	63.22
M:VERB:FORM	12	1	1	92.31	92.31	92.31
M:VERB:TENSE	26	2	23	92.86	53.06	80.75
R:ADJ	2	0	24	100.00	7.69	29.41
R:ADJ:FORM	2	0	5	100.00	28.57	66.67
R:ADV	7	0	15	100.00	31.82	70.00
R:CONJ	0	0	2	100.00	0.00	0.00

R:CONTR	2	0	1	100.00	66.67	90.91
R:DET	60	7	53	89.55	53.10	78.74
R:MORPH	36	1	100	97.30	26.47	63.38
R:NOUN	11	2	74	84.62	12.94	40.15
R:NOUN:INFL	7	0	11	100.00	38.89	76.09
R:NOUN:NUM	130	13	89	90.91	59.36	82.17
R:NOUN:POSS	13	0	12	100.00	52.00	84.42
R:ORTH	132	7	222	94.96	37.29	72.53
R:OTHER	133	10	502	93.01	20.94	55.10
R:PART	15	4	5	78.95	75.00	78.12
R:PREP	142	6	120	95.95	54.20	83.14
R:PRON	17	2	25	89.47	40.48	72.03
R:PUNCT	91	14	38	86.67	70.54	82.88
R:SPELL	43	0	256	100.00	14.38	45.65
R:VERB	37	4	126	90.24	22.70	56.57
R:VERB:FORM	102	8	53	92.73	65.81	85.71
R:VERB:INFL	2	0	7	100.00	22.22	58.82
R:VERB:SVA	109	5	40	95.61	73.15	90.08
R:VERB:TENSE	87	19	85	82.08	50.58	72.99
R:WO	17	6	53	73.91	24.29	52.47
U:ADJ	2	0	3	100.00	40.00	76.92
U:ADV	9	1	9	90.00	50.00	77.59
U:CONJ	1	0	2	100.00	33.33	71.43
U:CONTR	5	0	4	100.00	55.56	86.21
U:DET	129	28	78	82.17	62.32	77.25
U:NOUN	2	2	13	50.00	13.33	32.26
U:NOUN:POSS	6	2	6	75.00	50.00	68.18
U:OTHER	8	1	26	88.89	23.53	57.14
U:PART	2	0	2	100.00	50.00	83.33
U:PREP	39	3	37	92.86	51.32	79.92
U:PRON	11	1	13	91.67	45.83	76.39
U:PUNCT	28	1	26	96.55	51.85	82.35
U:VERB	3	3	12	50.00	20.00	38.46

U:VERB:FORM	1	1	3	50.00	25.00	41.67
U:VERB:TENSE	11	3	12	78.57	47.83	69.62
UNK	3	0	75	100.00	3.85	16.67

TOKEN-LEVEL DETECTION

OPERATION LEVEL

	TP	FP	FN	P	R	F _{0.5}
M	537	27	644	95.21	45.47	78.12
R	1415	58	2157	96.06	39.61	74.76
U	275	33	354	89.29	43.72	73.89
UNK	9	0	88	100.00	9.28	33.83

ERROR TYPE LEVEL

	TP	FP	FN	P	R	F _{0.5}
ADJ	7	1	36	87.50	16.28	46.67
ADJ:FORM	2	0	8	100.00	20.00	55.56
ADV	21	1	47	95.45	30.88	67.31
CONJ	9	0	19	100.00	32.14	70.31
CONTR	8	0	6	100.00	57.14	86.96
DET	328	39	280	89.37	53.95	79.00
MORPH	38	0	104	100.00	26.76	64.63
NOUN	20	2	100	90.91	16.67	48.08
NOUN:INFL	7	0	11	100.00	38.89	76.09
NOUN:NUM	132	9	95	93.62	58.15	83.44
NOUN:POSS	28	1	39	96.55	41.79	76.50
ORTH	188	1	239	99.47	44.03	79.46
OTHER	249	6	748	97.65	24.97	61.73
PART	10	0	9	100.00	52.63	84.75
PREP	210	10	230	95.45	47.73	79.55
PRON	60	3	80	95.24	42.86	76.53
PUNCT	413	11	306	97.41	57.44	85.51
SPELL	42	0	263	100.00	13.77	44.40
UNK	9	0	88	100.00	9.28	33.83

VERB	56	3	205	94.92	21.46	56.34
VERB:FORM	113	3	61	97.41	64.94	88.56
VERB:INFL	2	0	6	100.00	25.00	62.50
VERB:SVA	105	3	43	97.22	70.95	90.52
VERB:TENSE	135	20	153	87.10	46.88	74.34
WO	44	5	67	89.80	39.64	71.66

OPERATION + ERROR TYPE LEVEL

	TP	FP	FN	P	R	F_{0.5}
M:ADJ	1	1	4	50.00	20.00	38.46
M:ADV	4	1	14	80.00	22.22	52.63
M:CONJ	8	0	14	100.00	36.36	74.07
M:DET	143	8	121	94.70	54.17	82.37
M:NOUN	1	0	15	100.00	6.25	25.00
M:NOUN:POSS	5	0	10	100.00	33.33	71.43
M:OTHER	7	0	52	100.00	11.86	40.23
M:PART	0	0	3	100.00	0.00	0.00
M:PREP	38	3	64	92.68	37.25	71.43
M:PRON	32	2	44	94.12	42.11	75.47
M:PUNCT	251	9	237	96.54	51.43	82.13
M:VERB	10	2	39	83.33	20.41	51.55
M:VERB:FORM	11	0	1	100.00	91.67	98.21
M:VERB:TENSE	26	1	26	96.30	50.00	81.25
R:ADJ	4	0	26	100.00	13.33	43.48
R:ADJ:FORM	2	0	8	100.00	20.00	55.56
R:ADV	7	0	19	100.00	26.92	64.81
R:CONJ	0	0	3	100.00	0.00	0.00
R:CONTR	3	0	2	100.00	60.00	88.24
R:DET	55	7	62	88.71	47.01	75.34
R:MORPH	38	0	104	100.00	26.76	64.63
R:NOUN	17	0	68	100.00	20.00	55.56
R:NOUN:INFL	7	0	11	100.00	38.89	76.09
R:NOUN:NUM	132	9	95	93.62	58.15	83.44

R:NOUN:POSS	17	0	19	100.00	47.22	81.73
R:ORTH	188	1	239	99.47	44.03	79.46
R:OTHER	230	4	622	98.29	27.00	64.32
R:PART	9	0	4	100.00	69.23	91.84
R:PREP	134	6	126	95.71	51.54	81.71
R:PRON	17	1	23	94.44	42.50	75.89
R:PUNCT	122	1	38	99.19	76.25	93.56
R:SPELL	42	0	263	100.00	13.77	44.40
R:VERB	41	1	140	97.62	22.65	58.74
R:VERB:FORM	101	3	57	97.12	63.92	87.98
R:VERB:INFL	2	0	6	100.00	25.00	62.50
R:VERB:SVA	105	3	43	97.22	70.95	90.52
R:VERB:TENSE	98	17	112	85.22	46.67	73.13
R:WO	44	5	67	89.80	39.64	71.66
U:ADJ	2	0	6	100.00	25.00	62.50
U:ADV	10	0	14	100.00	41.67	78.12
U:CONJ	1	0	2	100.00	33.33	71.43
U:CONTR	5	0	4	100.00	55.56	86.21
U:DET	130	24	97	84.42	57.27	77.11
U:NOUN	2	2	17	50.00	10.53	28.57
U:NOUN:POSS	6	1	10	85.71	37.50	68.18
U:OTHER	12	2	74	85.71	13.95	42.25
U:PART	1	0	2	100.00	33.33	71.43
U:PREP	38	1	40	97.44	48.72	81.20
U:PRON	11	0	13	100.00	45.83	80.88
U:PUNCT	40	1	31	97.56	56.34	85.11
U:VERB	5	0	26	100.00	16.13	49.02
U:VERB:FORM	1	0	3	100.00	25.00	62.50
U:VERB:TENSE	11	2	15	84.62	42.31	70.51
UNK	9	0	88	100.00	9.28	33.83