

Detailed results

Submission information

Submitted by: Niveditha
Submitted at: 2022-11-01T13:12:07+00:00
Competition submission: 11
Competition phase: 3 - Open phase

Results

ALL	A	B	C	N						
					OVERALL					
					TP	FP	FN	P	R	F _{0.5}
Span-level correction					2974	1345	2338	68.86	55.99	65.83
Span-level detection					3459	871	2089	79.88	62.35	75.63
Token-level detection					4262	554	2251	88.50	65.44	82.67

SPAN-LEVEL CORRECTION

					OPERATION LEVEL					
					TP	FP	FN	P	R	F _{0.5}
M					772	380	529	67.01	59.34	65.32
R					1797	756	1603	70.39	52.85	66.01
U					405	209	206	65.96	66.28	66.03

ERROR TYPE LEVEL

					TP	FP	FN	P	R	F _{0.5}
ADJ					14	19	29	42.42	32.56	40.00
ADJ:FORM					6	2	5	75.00	54.55	69.77
ADV					37	38	39	49.33	48.68	49.20
CONJ					18	23	13	43.90	58.06	46.15
CONTR					8	2	3	80.00	72.73	78.43

DET	457	163	221	73.71	67.40	72.36
MORPH	84	25	68	77.06	55.26	71.43
NOUN	40	69	97	36.70	29.20	34.90
NOUN:INFL	10	3	7	76.92	58.82	72.46
NOUN:NUM	196	68	70	74.24	73.68	74.13
NOUN:POSS	36	9	19	80.00	65.45	76.60
ORTH	200	40	180	83.33	52.63	74.63
OTHER	217	302	499	41.81	30.31	38.86
PART	23	12	11	65.71	67.65	66.09
PREP	317	130	179	70.92	63.91	69.40
PRON	100	39	58	71.94	63.29	70.03
PUNCT	408	96	323	80.95	55.81	74.26
SPELL	179	30	138	85.65	56.47	77.62
VERB	112	73	136	60.54	45.16	56.68
VERB:FORM	162	54	47	75.00	77.51	75.49
VERB:INFL	7	0	2	100.00	77.78	94.59
VERB:SVA	138	32	22	81.18	86.25	82.14
VERB:TENSE	173	94	122	64.79	58.64	63.46
WO	32	22	50	59.26	39.02	53.69

OPERATION + ERROR TYPE LEVEL

	TP	FP	FN	P	R	F_{0.5}
M:ADJ	5	11	4	31.25	55.56	34.25
M:ADV	11	24	15	31.43	42.31	33.13
M:CONJ	15	22	8	40.54	65.22	43.86
M:DET	194	63	103	75.49	65.32	73.21
M:NOUN	8	22	8	26.67	50.00	29.41
M:NOUN:POSS	11	3	4	78.57	73.33	77.46
M:OTHER	33	62	34	34.74	49.25	36.91
M:PART	2	2	5	50.00	28.57	43.48
M:PREP	87	45	39	65.91	69.05	66.51
M:PRON	53	22	25	70.67	67.95	70.11
M:PUNCT	274	56	251	83.03	52.19	74.25

M:VERB	26	20	12	56.52	68.42	58.56
M:VERB:FORM	17	5	1	77.27	94.44	80.19
M:VERB:TENSE	36	23	20	61.02	64.29	61.64
R:ADJ	4	6	22	40.00	15.38	30.30
R:ADJ:FORM	6	2	5	75.00	54.55	69.77
R:ADV	10	3	17	76.92	37.04	63.29
R:CONJ	1	1	2	50.00	33.33	45.45
R:CONTR	3	1	1	75.00	75.00	75.00
R:DET	70	25	55	73.68	56.00	69.31
R:MORPH	84	25	68	77.06	55.26	71.43
R:NOUN	27	32	77	45.76	25.96	39.71
R:NOUN:INFL	10	3	7	76.92	58.82	72.46
R:NOUN:NUM	196	68	70	74.24	73.68	74.13
R:NOUN:POSS	16	3	11	84.21	59.26	77.67
R:ORTH	200	40	180	83.33	52.63	74.63
R:OTHER	163	207	444	44.05	26.85	39.05
R:PART	17	10	4	62.96	80.95	65.89
R:PREP	171	52	114	76.68	60.00	72.64
R:PRON	31	14	23	68.89	57.41	66.24
R:PUNCT	103	33	44	75.74	70.07	74.53
R:SPELL	179	30	138	85.65	56.47	77.62
R:VERB	72	41	110	63.72	39.56	56.78
R:VERB:FORM	139	43	43	76.37	76.37	76.37
R:VERB:INFL	7	0	2	100.00	77.78	94.59
R:VERB:SVA	138	32	22	81.18	86.25	82.14
R:VERB:TENSE	118	63	94	65.19	55.66	63.03
R:WO	32	22	50	59.26	39.02	53.69
U:ADJ	5	2	3	71.43	62.50	69.44
U:ADV	16	11	7	59.26	69.57	61.07
U:CONJ	2	0	3	100.00	40.00	76.92
U:CONTR	5	1	2	83.33	71.43	80.65
U:DET	193	75	63	72.01	75.39	72.67
U:NOUN	5	15	12	25.00	29.41	25.77

U:NOUN:POSS	9	3	4	75.00	69.23	73.77
U:OTHER	21	33	21	38.89	50.00	40.70
U:PART	4	0	2	100.00	66.67	90.91
U:PREP	59	33	26	64.13	69.41	65.12
U:PRON	16	3	10	84.21	61.54	78.43
U:PUNCT	31	7	28	81.58	52.54	73.46
U:VERB	14	12	14	53.85	50.00	53.03
U:VERB:FORM	6	6	3	50.00	66.67	52.63
U:VERB:TENSE	19	8	8	70.37	70.37	70.37

SPAN-LEVEL DETECTION

OPERATION LEVEL

	TP	FP	FN	P	R	F _{0.5}
M	864	281	493	75.46	63.67	72.76
R	2127	421	1350	83.48	61.17	77.80
U	450	169	191	72.70	70.20	72.18
UNK	18	0	55	100.00	24.66	62.07

ERROR TYPE LEVEL

	TP	FP	FN	P	R	F _{0.5}
ADJ	26	9	32	74.29	44.83	65.66
ADJ:FORM	6	0	5	100.00	54.55	85.71
ADV	42	31	32	57.53	56.76	57.38
CONJ	22	14	16	61.11	57.89	60.44
CONTR	9	2	3	81.82	75.00	80.36
DET	501	136	196	78.65	71.88	77.20
MORPH	96	13	60	88.07	61.54	81.08
NOUN	57	46	90	55.34	38.78	50.98
NOUN:INFL	11	0	6	100.00	64.71	90.16
NOUN:NUM	189	49	58	79.41	76.52	78.82
NOUN:POSS	38	8	20	82.61	65.52	78.51
ORTH	228	24	166	90.48	57.87	81.31
OTHER	387	166	395	69.98	49.49	64.63

PART	26	9	10	74.29	72.22	73.86
PREP	353	84	149	80.78	70.32	78.44
PRON	117	26	48	81.82	70.91	79.38
PUNCT	446	76	306	85.44	59.31	78.52
SPELL	195	7	109	96.53	64.14	87.68
UNK	18	0	55	100.00	24.66	62.07
VERB	163	35	128	82.32	56.01	75.25
VERB:FORM	159	38	39	80.71	80.30	80.63
VERB:INFL	7	0	2	100.00	77.78	94.59
VERB:SVA	142	16	19	89.87	88.20	89.53
VERB:TENSE	190	65	101	74.51	65.29	72.46
WO	31	17	44	64.58	41.33	58.05

OPERATION + ERROR TYPE LEVEL

	TP	FP	FN	P	R	F_{0.5}
M:ADJ	8	6	5	57.14	61.54	57.97
M:ADV	12	19	9	38.71	57.14	41.38
M:CONJ	18	13	11	58.06	62.07	58.82
M:CONTR	2	0	0	100.00	100.00	100.00
M:DET	212	51	91	80.61	69.97	78.23
M:NOUN	11	19	10	36.67	52.38	39.01
M:NOUN:POSS	11	2	5	84.62	68.75	80.88
M:OTHER	41	43	35	48.81	53.95	49.76
M:PART	0	2	4	0.00	0.00	0.00
M:PREP	90	38	33	70.31	73.17	70.87
M:PRON	64	16	23	80.00	73.56	78.62
M:PUNCT	303	42	241	87.83	55.70	78.74
M:VERB	38	9	9	80.85	80.85	80.85
M:VERB:FORM	16	6	0	72.73	100.00	76.92
M:VERB:TENSE	38	15	17	71.70	69.09	71.16
R:ADJ	9	1	25	90.00	26.47	60.81
R:ADJ:FORM	6	0	5	100.00	54.55	85.71
R:ADV	10	1	17	90.91	37.04	70.42

R:CONJ	1	1	2	50.00	33.33	45.45
R:CONTR	2	1	1	66.67	66.67	66.67
R:DET	85	23	47	78.70	64.39	75.35
R:MORPH	96	13	60	88.07	61.54	81.08
R:NOUN	39	15	69	72.22	36.11	60.19
R:NOUN:INFL	11	0	6	100.00	64.71	90.16
R:NOUN:NUM	189	49	58	79.41	76.52	78.82
R:NOUN:POSS	19	2	11	90.48	63.33	83.33
R:ORTH	228	24	166	90.48	57.87	81.31
R:OTHER	319	97	337	76.68	48.63	68.75
R:PART	23	7	4	76.67	85.19	78.23
R:PREP	201	27	94	88.16	68.14	83.26
R:PRON	35	8	18	81.40	66.04	77.78
R:PUNCT	103	27	39	79.23	72.54	77.79
R:SPELL	195	7	109	96.53	64.14	87.68
R:VERB	109	16	104	87.20	51.17	76.44
R:VERB:FORM	137	26	37	84.05	78.74	82.93
R:VERB:INFL	7	0	2	100.00	77.78	94.59
R:VERB:SVA	142	16	19	89.87	88.20	89.53
R:VERB:TENSE	130	43	76	75.14	63.11	72.38
R:WO	31	17	44	64.58	41.33	58.05
U:ADJ	9	2	2	81.82	81.82	81.82
U:ADV	20	11	6	64.52	76.92	66.67
U:CONJ	3	0	3	100.00	50.00	83.33
U:CONTR	5	1	2	83.33	71.43	80.65
U:DET	204	62	58	76.69	77.86	76.92
U:NOUN	7	12	11	36.84	38.89	37.23
U:NOUN:POSS	8	4	4	66.67	66.67	66.67
U:OTHER	27	26	23	50.94	54.00	51.53
U:PART	3	0	2	100.00	60.00	88.24
U:PREP	62	19	22	76.54	73.81	75.98
U:PRON	18	2	7	90.00	72.00	85.71
U:PUNCT	40	7	26	85.11	60.61	78.74

U:VERB	16	10	15	61.54	51.61	59.26
U:VERB:FORM	6	6	2	50.00	75.00	53.57
U:VERB:TENSE	22	7	8	75.86	73.33	75.34
UNK	18	0	55	100.00	24.66	62.07

TOKEN-LEVEL DETECTION

OPERATION LEVEL

	TP	FP	FN	P	R	F _{0.5}
M	989	163	450	85.85	68.73	81.78
R	2703	259	1477	91.26	64.67	84.32
U	519	132	247	79.72	67.75	77.00
UNK	51	0	77	100.00	39.84	76.81

ERROR TYPE LEVEL

	TP	FP	FN	P	R	F _{0.5}
ADJ	26	6	35	81.25	42.62	68.78
ADJ:FORM	8	0	5	100.00	61.54	88.89
ADV	56	20	38	73.68	59.57	70.35
CONJ	27	6	16	81.82	62.79	77.14
CONTR	8	1	4	88.89	66.67	83.33
DET	509	91	187	84.83	73.13	82.20
MORPH	105	5	58	95.45	64.42	87.06
NOUN	70	26	86	72.92	44.87	64.81
NOUN:INFL	11	0	6	100.00	64.71	90.16
NOUN:NUM	186	35	57	84.16	76.54	82.52
NOUN:POSS	49	4	26	92.45	65.33	85.37
ORTH	305	18	151	94.43	66.89	87.24
OTHER	775	115	533	87.08	59.25	79.60
PART	23	2	7	92.00	76.67	88.46
PREP	364	51	151	87.71	70.68	83.68
PRON	119	19	37	86.23	76.28	84.04
PUNCT	573	39	286	93.63	66.71	86.63
SPELL	199	2	107	99.00	65.03	89.64

UNK	51	0	77	100.00	39.84	76.81
VERB	176	21	133	89.34	56.96	80.22
VERB:FORM	165	23	37	87.77	81.68	86.48
VERB:INFL	6	0	1	100.00	85.71	96.77
VERB:SVA	140	11	21	92.72	86.96	91.50
VERB:TENSE	222	42	130	84.09	63.07	78.84
WO	89	17	62	83.96	58.94	77.39

OPERATION + ERROR TYPE LEVEL

	TP	FP	FN	P	R	F_{0.5}
M:ADJ	7	5	5	58.33	58.33	58.33
M:ADV	18	14	7	56.25	72.00	58.82
M:CONJ	24	6	11	80.00	68.57	77.42
M:CONTR	1	0	0	100.00	100.00	100.00
M:DET	218	25	81	89.71	72.91	85.76
M:NOUN	17	14	12	54.84	58.62	55.56
M:NOUN:POSS	13	0	7	100.00	65.00	90.28
M:OTHER	52	28	31	65.00	62.65	64.52
M:PART	2	1	2	66.67	50.00	62.50
M:PREP	106	21	34	83.46	75.71	81.79
M:PRON	67	10	18	87.01	78.82	85.24
M:PUNCT	370	26	217	93.43	63.03	85.21
M:VERB	39	7	8	84.78	82.98	84.42
M:VERB:FORM	15	1	0	93.75	100.00	94.94
M:VERB:TENSE	40	5	17	88.89	70.18	84.39
R:ADJ	11	1	25	91.67	30.56	65.48
R:ADJ:FORM	8	0	5	100.00	61.54	88.89
R:ADV	14	1	18	93.33	43.75	76.09
R:CONJ	1	0	2	100.00	33.33	71.43
R:CONTR	3	0	2	100.00	60.00	88.24
R:DET	81	16	47	83.51	63.28	78.49
R:MORPH	105	5	58	95.45	64.42	87.06
R:NOUN	43	6	61	87.76	41.35	71.67

R:NOUN:INFL	11	0	6	100.00	64.71	90.16
R:NOUN:NUM	186	35	57	84.16	76.54	82.52
R:NOUN:POSS	26	2	13	92.86	66.67	86.09
R:ORTH	305	18	151	94.43	66.89	87.24
R:OTHER	660	54	454	92.44	59.25	83.12
R:PART	18	1	2	94.74	90.00	93.75
R:PREP	190	21	94	90.05	66.90	84.22
R:PRON	32	8	13	80.00	71.11	78.05
R:PUNCT	153	7	36	95.63	80.95	92.28
R:SPELL	199	2	107	99.00	65.03	89.64
R:VERB	120	8	105	93.75	53.33	81.41
R:VERB:FORM	146	16	35	90.12	80.66	88.06
R:VERB:INFL	6	0	1	100.00	85.71	96.77
R:VERB:SVA	140	11	21	92.72	86.96	91.50
R:VERB:TENSE	156	30	102	83.87	60.47	77.84
R:WO	89	17	62	83.96	58.94	77.39
U:ADJ	8	0	5	100.00	61.54	88.89
U:ADV	24	5	13	82.76	64.86	78.43
U:CONJ	2	0	3	100.00	40.00	76.92
U:CONTR	4	1	2	80.00	66.67	76.92
U:DET	210	50	59	80.77	78.07	80.21
U:NOUN	10	6	13	62.50	43.48	57.47
U:NOUN:POSS	10	2	6	83.33	62.50	78.12
U:OTHER	63	33	48	65.62	56.76	63.64
U:PART	3	0	3	100.00	50.00	83.33
U:PREP	68	9	23	88.31	74.73	85.21
U:PRON	20	1	6	95.24	76.92	90.91
U:PUNCT	50	6	33	89.29	60.24	81.43
U:VERB	17	6	20	73.91	45.95	65.89
U:VERB:FORM	4	6	2	40.00	66.67	43.48
U:VERB:TENSE	26	7	11	78.79	70.27	76.92
UNK	51	0	77	100.00	39.84	76.81