



Persons

XLM-RoBERTa	94 / 95	95 / 96	85 / 89	86 / 89	83 / 91	94 / 95	89 / 93	91 / 90	66 / 70	71 / 37	68 / 76	54 / 59	83 / 88	92 / 91	95 / 94
spaCy (transformers)	92 / 75	0 / 0	0 / 0	0 / 0	83 / 93	0 / 0	0 / 0	0 / 0	0 / 0	67 / 48	32 / 34	36 / 32	0 / 0	0 / 0	0 / 0
spaCy	82 / 79	92 / 91	86 / 72	0 / 0	74 / 88	75 / 73	0 / 0	78 / 78	31 / 43	43 / 35	61 / 63	18 / 27	72 / 86	77 / 73	0 / 0
OpenNLP	87 / 59	87 / 47	0 / 0	0 / 0	47 / 45	69 / 38	0 / 0	0 / 0	11 / 10	44 / 12	54 / 50	27 / 19	0 / 0	0 / 0	0 / 0
NLTK	64 / 67	0 / 0	0 / 0	0 / 0	25 / 52	0 / 0	0 / 0	0 / 0	0 / 0	34 / 35	22 / 42	12 / 25	0 / 0	0 / 0	0 / 0
Nametagger	93 / 93	0 / 0	0 / 0	0 / 0	37 / 61	0 / 0	78 / 55	0 / 0	0 / 0	41 / 32	57 / 64	19 / 21	0 / 0	0 / 0	0 / 0
JRC Names	96 / 38	94 / 43	93 / 34	89 / 18	61 / 11	89 / 36	92 / 17	94 / 29	74 / 5	93 / 15	94 / 42	79 / 2	66 / 30	99 / 22	96 / 25
ICEWS	78 / 2	100 / 2	100 / 1	0 / 0	61 / 1	97 / 3	0 / 0	100 / 0	50 / 0	0 / 0	97 / 1	33 / 0	100 / 1	62 / 0	100 / 0
CoreNLP	90 / 91	97 / 97	0 / 0	0 / 0	77 / 94	0 / 0	0 / 0	84 / 81	52 / 47	70 / 42	57 / 65	24 / 25	0 / 0	89 / 77	88 / 85

Organizations

XLM-RoBERTa	79 / 85	90 / 92	66 / 80	71 / 73	72 / 72	86 / 90	72 / 78	80 / 76	40 / 41	46 / 28	54 / 32	38 / 46	89 / 94	54 / 49	86 / 90
spaCy (transformers)	72 / 44	0 / 0	0 / 0	0 / 0	75 / 80	0 / 0	0 / 0	0 / 0	0 / 0	46 / 31	27 / 11	16 / 18	0 / 0	0 / 0	0 / 0
spaCy	58 / 52	84 / 72	42 / 49	0 / 0	71 / 75	52 / 63	0 / 0	58 / 54	11 / 22	13 / 21	43 / 23	15 / 27	79 / 86	55 / 60	0 / 0
OpenNLP	69 / 42	75 / 51	0 / 0	0 / 0	47 / 40	53 / 28	0 / 0	0 / 0	15 / 5	20 / 11	38 / 10	12 / 16	0 / 0	0 / 0	0 / 0
NLTK	33 / 28	0 / 0	0 / 0	0 / 0	31 / 34	0 / 0	0 / 0	0 / 0	0 / 0	16 / 27	15 / 9	6 / 18	0 / 0	0 / 0	0 / 0
Nametagger	88 / 82	0 / 0	0 / 0	0 / 0	47 / 47	0 / 0	69 / 27	0 / 0	0 / 0	13 / 21	48 / 23	13 / 25	0 / 0	0 / 0	0 / 0
JRC Names	70 / 20	85 / 20	43 / 18	40 / 18	46 / 14	62 / 24	70 / 8	75 / 22	42 / 7	40 / 11	88 / 12	39 / 7	61 / 18	56 / 14	77 / 24
ICEWS	44 / 5	57 / 5	30 / 7	0 / 0	38 / 4	39 / 5	56 / 3	34 / 6	7 / 3	17 / 2	60 / 3	9 / 1	27 / 1	22 / 2	36 / 2
CoreNLP	81 / 78	96 / 85	0 / 0	0 / 0	74 / 75	0 / 0	0 / 0	73 / 52	28 / 15	40 / 23	48 / 20	19 / 20	0 / 0	54 / 38	76 / 81

Locations

XLM-RoBERTa	80 / 89	90 / 89	80 / 92	85 / 89	79 / 83	95 / 96	86 / 84	89 / 89	69 / 82	72 / 53	56 / 61	81 / 81	94 / 95	81 / 78	94 / 93
spaCy (transformers)	77 / 84	0 / 0	0 / 0	0 / 0	75 / 88	0 / 0	0 / 0	0 / 0	0 / 0	68 / 40	16 / 22	63 / 53	0 / 0	0 / 0	0 / 0
spaCy	66 / 77	73 / 88	52 / 87	0 / 0	81 / 86	81 / 59	0 / 0	62 / 62	45 / 57	50 / 40	49 / 54	51 / 64	81 / 88	39 / 83	0 / 0
OpenNLP	85 / 51	69 / 38	0 / 0	0 / 0	77 / 59	85 / 25	0 / 0	0 / 0	61 / 15	57 / 26	43 / 22	59 / 39	0 / 0	0 / 0	0 / 0
NLTK	54 / 76	0 / 0	0 / 0	0 / 0	45 / 72	0 / 0	0 / 0	0 / 0	0 / 0	16 / 32	17 / 33	33 / 39	0 / 0	0 / 0	0 / 0
Nametagger	96 / 92	0 / 0	0 / 0	0 / 0	74 / 77	0 / 0	72 / 56	0 / 0	0 / 0	15 / 35	45 / 49	54 / 42	0 / 0	0 / 0	0 / 0
JRC Names	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
ICEWS	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
CoreNLP	83 / 80	73 / 90	0 / 0	0 / 0	80 / 90	0 / 0	0 / 0	85 / 55	74 / 57	58 / 47	47 / 48	58 / 60	0 / 0	66 / 77	81 / 80

CoNLL	AnCora	HAREM	AQMAR	OntoNotes	SoNaR	CNEC2.0	GermEval	Europeana	Emerging Entities	WikiANN	HIPE	FINER	KIND	NYTK-NerKor
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