

## 00 Average

Year	Metric	Without Eponyms		With Eponyms	
		Parser	Spacy	Parser	Spacy
–	Precision	0.46	0.87	0.52	0.93
	Recall	0.68	0.94	0.53	0.67

## 01 Wearable Computer

Year	Metric	Without Eponyms		With Eponyms	
		Parser	Spacy	Parser	Spacy
2005	TP	1	1	1	1
	FP	0	0	0	0
	FN	0	0	1	1
	Precision	1.00	1.00	1.00	1.00
	Recall	1.00	1.00	0.50	0.50
2015	TP	17	32	17	32
	FP	4	0	4	0
	FN	20	5	27	12
	Precision	0.81	1.00	0.81	1.00
	Recall	0.45	0.86	0.38	0.72
2025	TP	18	37	18	37
	FP	4	0	4	0
	FN	23	4	30	11
	Precision	0.81	1.00	0.81	1.00
	Recall	0.44	0.90	0.37	0.77

## 02 Light-emitting diode

Year	Metric	Without Eponyms		With Eponyms	
		Parser	Spacy	Parser	Spacy
2005	TP	2	2	2	2
	FP	2	0	2	0
	FN	0	0	0	0
	Precision	0.50	1.00	0.50	1.00
	Recall	1.00	1.00	1.00	1.00
2015	TP	34	47	34	54
	FP	26	8	26	1
	FN	15	2	41	21
	Precision	0.56	0.85	0.56	0.98
	Recall	0.69	0.95	0.45	0.72
2025	TP	11	10	12	12
	FP	16	4	15	2
	FN	1	1	12	11
	Precision	0.40	0.71	0.44	0.85
	Recall	0.92	0.90	0.50	0.52

## 04 Artificial intelligence

Year	Metric	Without Eponyms		With Eponyms	
		Parser	Ner	Parser	Ner
2005	TP	50	51	59	51
	FP	48	3	39	3
	FN	5	4	5	13
	Precision	0.51	0.94	0.60	0.94
	Recall	0.91	0.93	0.92	0.80
2015	TP	79	103	93	116
	FP	81	20	67	7
	FN	36	12	53	30
	Precision	0.49	0.84	0.58	0.94
	Recall	0.69	0.90	0.64	0.79
2025	TP	72	91	79	100
	FP	171	72	164	63
	FN	30	11	42	21
	Precision	0.29	0.56	0.32	0.61
	Recall	0.71	0.89	0.65	0.83

## 05 Messenger RNA

Year	Metric	Without Eponyms		With Eponyms	
		Parser	Ner	Parser	Ner
2005	TP	0	0	0	0
	FP	0	0	0	0
	FN	0	0	0	0
	Precision	—	—	—	—
	Recall	—	—	—	—
2015	TP	1	1	2	2
	FP	1	1	0	0
	FN	1	1	0	0
	Precision	0.50	0.50	1.00	1.00
	Recall	0.50	0.50	1.00	1.00
2025	TP	16	38	16	38
	FP	1	0	1	0
	FN	22	0	23	1
	Precision	0.94	1.00	0.94	1.00
	Recall	0.42	1.00	0.41	0.97

## 06 Genetic engineering

Year	Metric	Without Eponyms		With Eponyms	
		Parser	Ner	Parser	Ner
2005	TP	2	3	2	3
	FP	3	0	3	0
	FN	1	0	2	1
	Precision	0.40	1.00	0.40	1.00
	Recall	0.67	1.00	0.50	0.75
2015	TP	11	15	12	16
	FP	28	4	27	3
	FN	4	0	7	3
	Precision	0.28	0.79	0.31	0.84
	Recall	0.73	1.00	0.63	0.84
2025	TP	22	25	23	26
	FP	67	4	66	3
	FN	3	0	6	3
	Precision	0.25	0.86	0.26	0.90
	Recall	0.88	1.00	0.79	0.90

## 07 Cognitive Behavioral Therapy

Year	Metric	Without Eponyms		With Eponyms	
		Parser	Ner	Parser	Ner
2005	TP	4	4	5	4
	FP	3	0	2	0
	FN	0	0	0	1
	Precision	0.57	1.00	0.71	1.00
	Recall	1.00	1.00	1.00	0.80
2015	TP	45	53	45	53
	FP	25	4	25	4
	FN	9	1	9	1
	Precision	0.64	0.93	0.64	0.93
	Recall	0.83	0.98	0.83	0.98
2025	TP	63	81	63	81
	FP	45	1	45	1
	FN	18	0	18	0
	Precision	0.58	0.99	0.58	0.99
	Recall	0.78	1.00	0.78	1.00

## 11 Touchscreen

Year	Metric	Without Eponyms		With Eponyms	
		Parser	Ner	Parser	Ner
2005	TP	0	0	0	0
	FP	3	0	3	0
	FN	0	0	0	0
	Precision	0.00	—	0.00	—
	Recall	—	—	—	—
2015	TP	8	12	8	12
	FP	7	1	7	1
	FN	6	2	6	2
	Precision	0.53	0.92	0.53	0.92
	Recall	0.57	0.86	0.57	0.86
2025	TP	17	29	17	29
	FP	8	0	8	0
	FN	16	4	22	10
	Precision	0.68	1.00	0.68	1.00
	Recall	0.52	0.88	0.44	0.74



### 13 CAR T Cell

Year	Metric	Without Eponyms		With Eponyms	
		Parser	Ner	Parser	Ner
2005	TP	—	—	—	—
	FP	—	—	—	—
	FN	—	—	—	—
	Precision	—	—	—	—
	Recall	—	—	—	—
2015	TP	—	—	—	—
	FP	—	—	—	—
	FN	—	—	—	—
	Precision	—	—	—	—
	Recall	—	—	—	—
2025	TP	6	6	6	6
	FP	8	0	8	0
	FN	0	0	6	6
	Precision	0.43	1.00	0.43	1.00
	Recall	1.00	1.00	0.50	0.50

## 15 CRISPR

Year	Metric	Without Eponyms		With Eponyms	
		Parser	Ner	Parser	Ner
2005	TP	—	—	—	—
	FP	—	—	—	—
	FN	—	—	—	—
	Precision	—	—	—	—
	Recall	—	—	—	—
2015	TP	16	15	16	15
	FP	3	0	3	0
	FN	0	1	2	3
	Precision	0.84	1.00	0.84	1.00
	Recall	1.00	0.94	0.89	0.83
2025	TP	30	32	33	30
	FP	1	1	0	1
	FN	2	0	5	8
	Precision	0.97	0.97	1.00	0.97
	Recall	0.94	1.00	0.87	0.79

## 16 Personalized Medicine

Year	Metric	Without Eponyms		With Eponyms	
		Parser	Ner	Parser	Ner
2005	TP	—	—	—	—
	FP	—	—	—	—
	FN	—	—	—	—
	Precision	—	—	—	—
	Recall	—	—	—	—
2015	TP	0	0	0	0
	FP	2	0	2	0
	FN	0	0	1	1
	Precision	0.00	—	0.00	—
	Recall	—	—	0.00	0.00
2025	TP	2	4	2	4
	FP	10	0	10	0
	FN	2	0	4	2
	Precision	0.17	1.00	0.17	1.00
	Recall	0.50	1.00	0.33	0.67

## 17 Self-Healing Material

Year	Metric	Without Eponyms		With Eponyms	
		Parser	Ner	Parser	Ner
2005	TP	—	—	—	—
	FP	—	—	—	—
	FN	—	—	—	—
	Precision	—	—	—	—
	Recall	—	—	—	—
2015	TP	4	5	10	11
	FP	7	6	1	0
	FN	1	0	13	12
	Precision	0.36	0.45	0.91	1.00
	Recall	0.80	1.00	0.43	0.48
2025	TP	11	13	17	15
	FP	8	2	2	0
	FN	3	1	20	22
	Precision	0.58	0.87	0.89	1.00
	Recall	0.79	0.93	0.46	0.41

## 18 Electric Aircraft

Year	Metric	Without Eponyms		With Eponyms	
		Parser	Ner	Parser	Ner
2005	TP	—	—	—	—
	FP	—	—	—	—
	FN	—	—	—	—
	Precision	—	—	—	—
	Recall	—	—	—	—
2015	TP	10	38	10	40
	FP	90	2	90	0
	FN	28	0	54	24
	Precision	0.10	0.95	0.10	1.00
	Recall	0.26	1.00	0.16	0.63
2025	TP	6	14	6	15
	FP	60	2	60	1
	FN	9	1	38	29
	Precision	0.09	0.88	0.09	0.94
	Recall	0.40	0.93	0.14	0.34

## 19 Insulin (Medication)

Year	Metric	Without Eponyms		With Eponyms	
		Parser	Ner	Parser	Ner
2005	TP	—	—	—	—
	FP	—	—	—	—
	FN	—	—	—	—
	Precision	—	—	—	—
	Recall	—	—	—	—
2015	TP	11	19	11	19
	FP	23	2	23	2
	FN	10	2	20	12
	Precision	0.32	0.90	0.32	0.90
	Recall	0.52	0.90	0.35	0.61
2025	TP	13	30	13	31
	FP	39	1	39	0
	FN	18	1	31	13
	Precision	0.25	0.97	0.25	1.00
	Recall	0.42	0.97	0.30	0.70

## 20 Event Horizon Telescope

Year	Metric	Without Eponyms		With Eponyms	
		Parser	Ner	Parser	Ner
2005	TP	—	—	—	—
	FP	—	—	—	—
	FN	—	—	—	—
	Precision	—	—	—	—
	Recall	—	—	—	—
2015	TP	0	0	1	0
	FP	7	1	6	1
	FN	0	0	1	2
	Precision	0.00	0.00	0.14	0.00
	Recall	—	—	0.50	0.00
2025	TP	3	6	5	7
	FP	27	1	25	0
	FN	3	0	19	17
	Precision	0.10	0.86	0.17	1.00
	Recall	0.50	1.00	0.21	0.29

## 21 CRISPR Gene Editing

Year	Metric	Without Eponyms		With Eponyms	
		Parser	Ner	Parser	Ner
2005	TP	—	—	—	—
	FP	—	—	—	—
	FN	—	—	—	—
	Precision	—	—	—	—
	Recall	—	—	—	—
2015	TP	—	—	—	—
	FP	—	—	—	—
	FN	—	—	—	—
	Precision	—	—	—	—
	Recall	—	—	—	—
2025	TP	33	36	33	36
	FP	48	0	48	0
	FN	3	0	15	15
	Precision	0.41	1.00	0.41	1.00
	Recall	0.92	1.00	0.69	0.71



## 22 mRNA Vaccine

Year	Metric	Without Eponyms		With Eponyms	
		Parser	Ner	Parser	Ner
2005	TP	—	—	—	—
	FP	—	—	—	—
	FN	—	—	—	—
	Precision	—	—	—	—
	Recall	—	—	—	—
2015	TP	—	—	—	—
	FP	—	—	—	—
	FN	—	—	—	—
	Precision	—	—	—	—
	Recall	—	—	—	—
2025	TP	3	3	3	3
	FP	0	0	0	0
	FN	0	0	4	4
	Precision	1.00	1.00	1.00	1.00
	Recall	1.00	1.00	0.43	0.43

## 23 Genetic Vaccine

Year	Metric	Without Eponyms		With Eponyms	
		Parser	Ner	Parser	Ner
2005	TP	—	—	—	—
	FP	—	—	—	—
	FN	—	—	—	—
	Precision	—	—	—	—
	Recall	—	—	—	—
2015	TP	—	—	—	—
	FP	—	—	—	—
	FN	—	—	—	—
	Precision	—	—	—	—
	Recall	—	—	—	—
2025	TP	0	8	0	8
	FP	0	0	0	0
	FN	8	0	9	1
	Precision	—	1.00	—	1.00
	Recall	0.00	1.00	0.00	0.89