

9 Appendix

9.1 Illustration of a chat session

system

You are an expert on French analogies. You always respond in one French lexeme.

user

Consider the following examples.

goût : boulimie :: pluie : cordes

ressemblance : portrait :: bien : merveilleusement

rouge : cramoisi :: similaire : identique

Now, use this pattern to solve the following analogical equation:

user

Solve the following analogical equation: lumineux : resplendissant :: flot : x

assistant

ondoyant

user

Wrong answer. Examples of correct answers we were looking for were: geyser', and 'torrent'

user

Solve the following analogical equation: averse : déluge :: barbiche : x

assistant

boucle

user

Wrong answer. Examples of correct answers we were looking for were: barbe'

⋮

Figure 5: Illustration of a chat interaction for the Magn* (Para) lexical function in a 3-shot mode with feedback Hist:1-Pr:d-L:en-k:3-Fb:1. Prompt roles are indicated in bold.

system

Vous êtes un expert des analogies françaises. Vous répondez toujours en une lexie française

user

Considérez les exemples suivants.

goût : boulimie :: pluie : cordes

ressemblance : portrait :: bien : merveilleusement

rouge : cramoisi :: similaire : identique

Maintenant, utilisez ce patron pour résoudre l'équation analogique suivante:

user

Résolvez l'équation analogique suivante: lumineux : resplendissant :: flot : x

assistant

ondoyant

==

Chat Reset

==

system

Vous êtes un expert des analogies françaises. Vous répondez toujours en une lexie française

user

Considérez les exemples suivants.

goût : boulimie :: pluie : cordes

ressemblance : portrait :: bien : merveilleusement

rouge : cramoisi :: similaire : identique

Maintenant, utilisez ce patron pour résoudre l'équation analogique suivante:

user

Résolvez l'équation analogique suivante: averse : déluge :: barbiche : x

assistant

moustache

⋮

Figure 6: Illustration of a chat interaction for the Magn* (Para) lexical function in Hist:0-Pr:d-L:fr-k:3-Fb:0. Prompt roles are indicated in bold.

9.2 Additional Tables and Graphs

LF	Meaning	Count
Syn	Synonym	29275
S ₁	Name of argument 1	3821
Gener	Generic term	3119
Anti	Antonym	2690
S ₀	Nominal equivalent	2377
S ₂	Name of argument 2	1676
V ₀	Verbal equivalent	1608
A ₀	Adjectival equivalent	1224
Magn	Intensifier	1164
A ₁	Modifier of argument 1	1036
Oper ₁	Light verb	890
Real ₁	Realization verb	826

Table 4: The most frequent LFs in LN-fr.

Table 5: fastTextfr Performance on ALF. P=paradigmatic, S=syntagmatic, OA=overall average

Metric	P	S	OA
EM	12.43	2.75	11.31
CM	16.85	3.50	15.30
SM	12.69	3.00	11.57

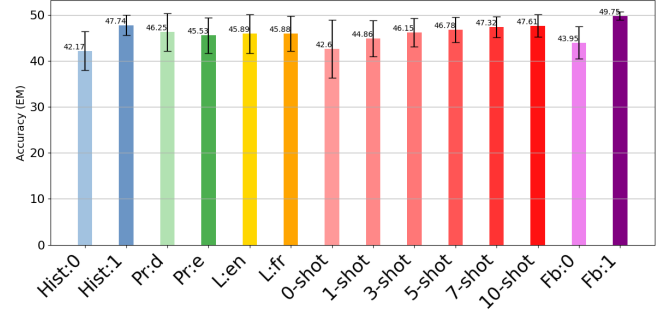


Figure 7: Average EM scores with 1 standard deviation over all variants sharing a given prompting property for ChatGPT-4o mini.

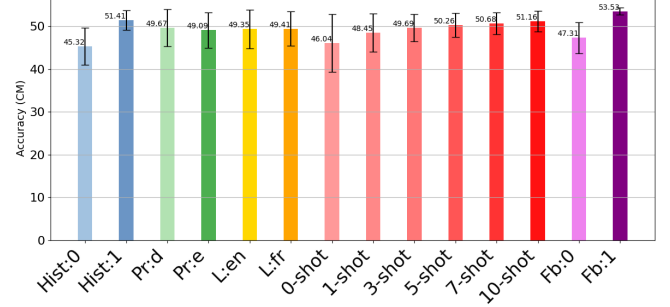


Figure 8: Average CM scores with 1 standard deviation over all variants sharing a given prompting property for ChatGPT-4o mini.

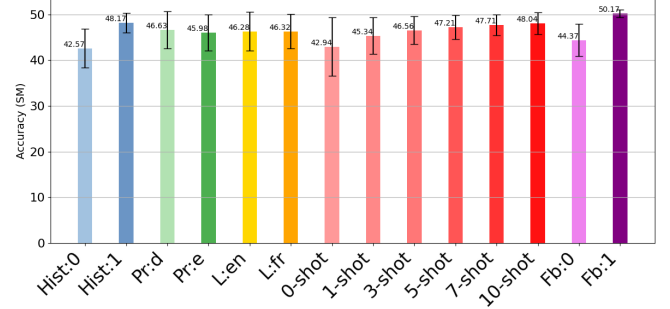


Figure 9: Average SM scores with 1 standard deviation over all variants sharing a given prompting property for ChatGPT-4o mini.

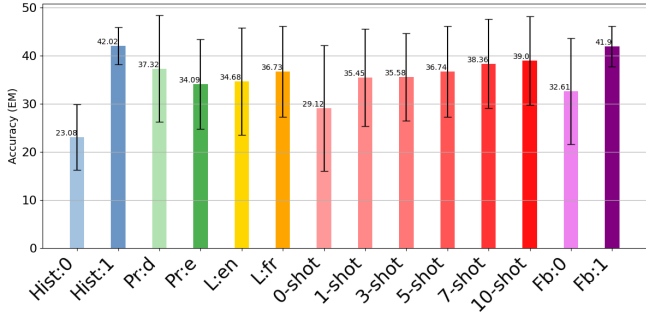


Figure 10: Average EM scores with 1 standard deviation over all variants sharing a given prompting property for Llama3.0-8B.

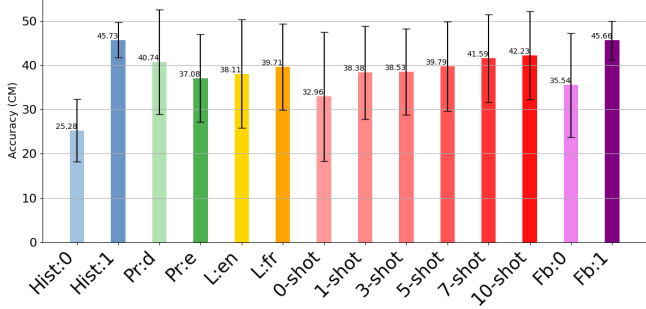


Figure 11: Average CM scores with 1 standard deviation over all variants sharing a given prompting property for Llama3.0-8B.

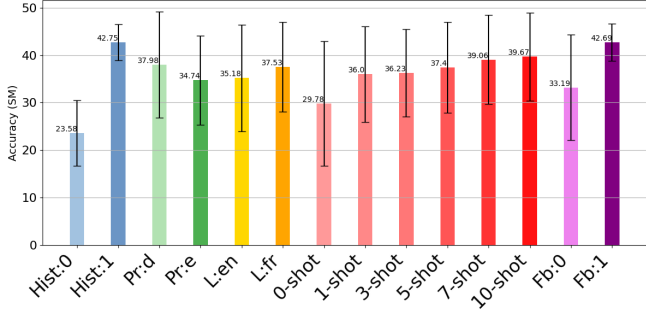


Figure 12: Average SM scores with 1 standard deviation over all variants sharing a given prompting property for Llama3.0-8B.

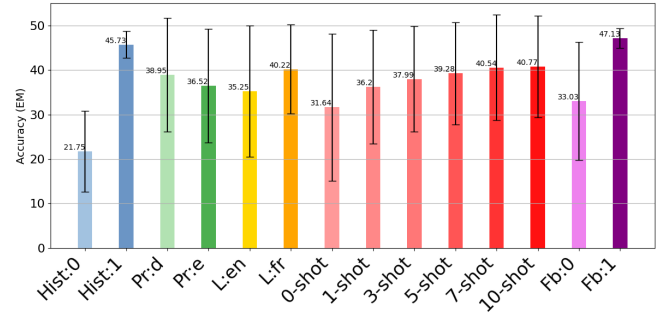


Figure 13: Average EM scores with 1 standard deviation over all variants sharing a given prompting property for Llama3.1-8B.

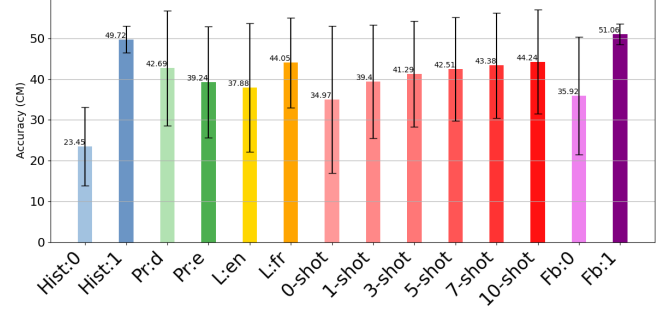


Figure 14: Average CM scores with 1 standard deviation over all variants sharing a given prompting property for Llama3.1-8B.

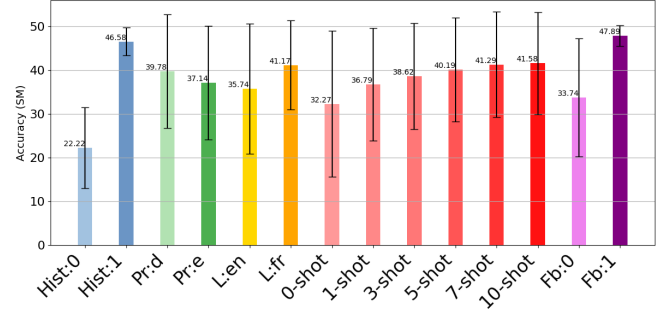


Figure 15: Average SM scores with 1 standard deviation over all variants sharing a given prompting property for Llama3.1-8B.

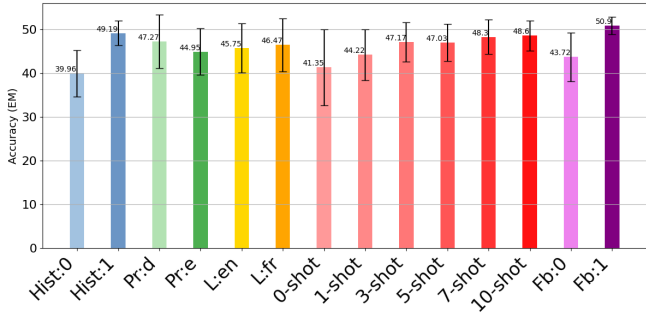


Figure 16: Average EM scores with 1 standard deviation over all variants sharing a given prompting property for Qwen14B.

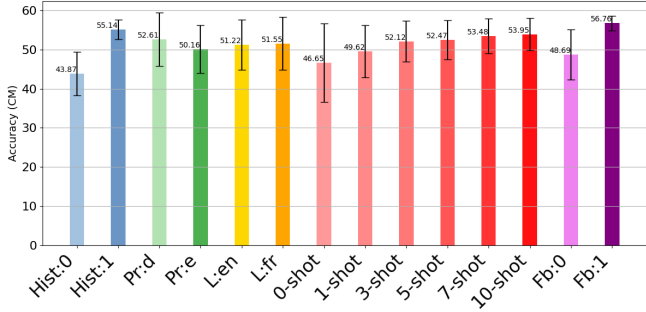


Figure 17: Average CM scores with 1 standard deviation over all variants sharing a given prompting property for Qwen14B.

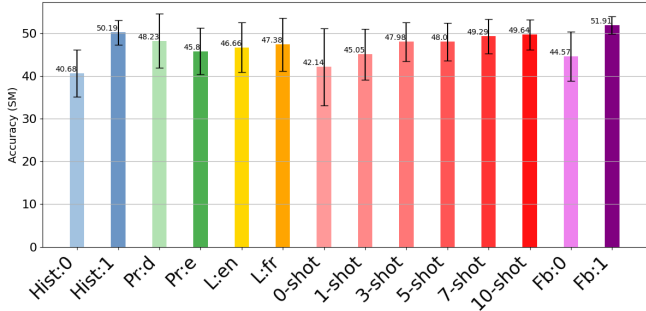


Figure 18: Average SM scores with 1 standard deviation over all variants sharing a given prompting property for Qwen14B.

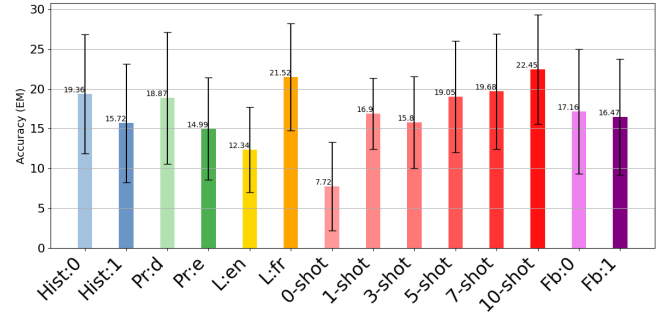


Figure 19: Average EM scores with 1 standard deviation over all variants sharing a given prompting property for Mistral7B.

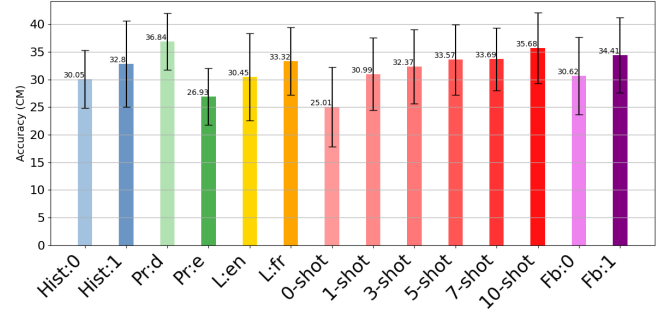


Figure 20: Average CM scores with 1 standard deviation over all variants sharing a given prompting property for Mistral7B.

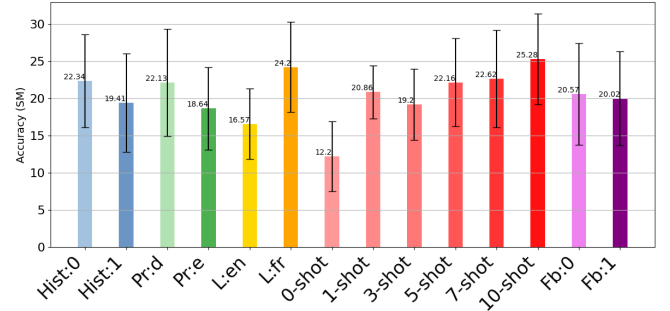


Figure 21: Average SM scores with 1 standard deviation over all variants sharing a given prompting property for Mistral7B.

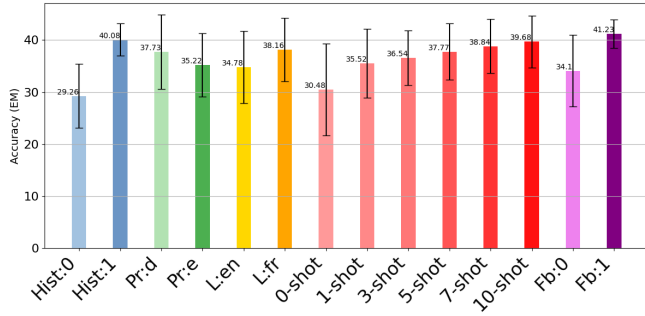


Figure 22: Average EM scores with 1 standard deviation over all variants sharing a given prompting property for all models on average.

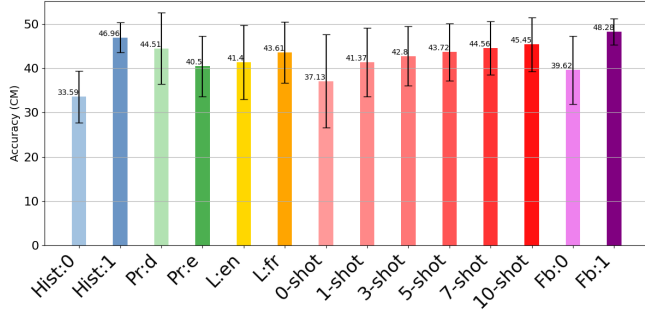


Figure 23: Average CM scores with 1 standard deviation over all variants sharing a given prompting property for all models on average.

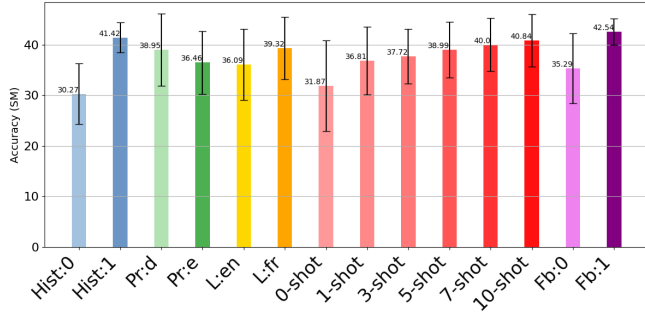


Figure 24: Average SM scores with 1 standard deviation over all variants sharing a given prompting property for all models on average.

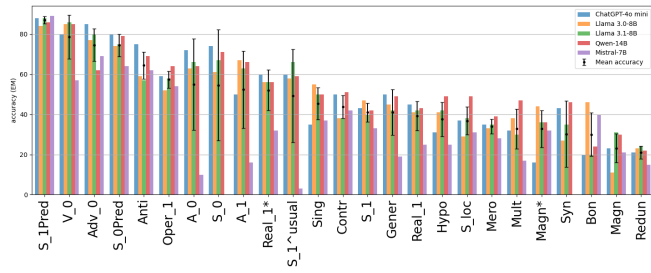


Figure 25: EM metric per LF for our five main LLMs under their best performing configurations, ordered decreasingly by the mean performance of the 5 models.

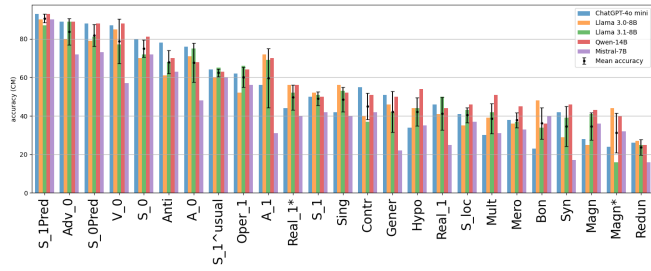


Figure 26: CM metric per LF for our five main LLMs under their best performing configurations, ordered decreasingly by the mean performance of the 5 models.

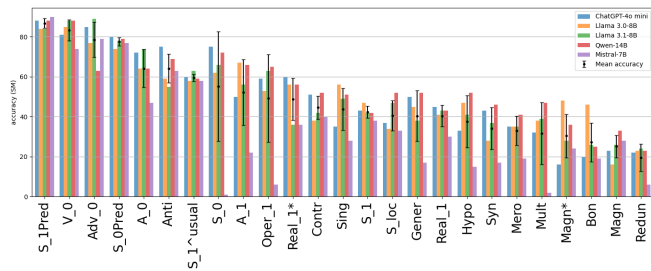


Figure 27: SM metric per LF for our five main LLMs under their best performing configurations, ordered decreasingly by the mean performance of the 5 models.

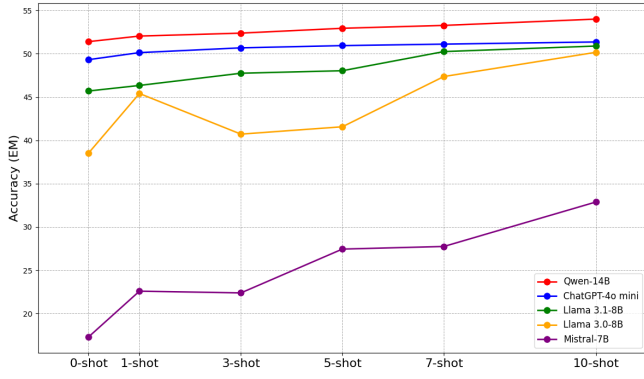


Figure 28: EM of models under their variant leading to the highest performance, as a function of the number k of examples prompted.

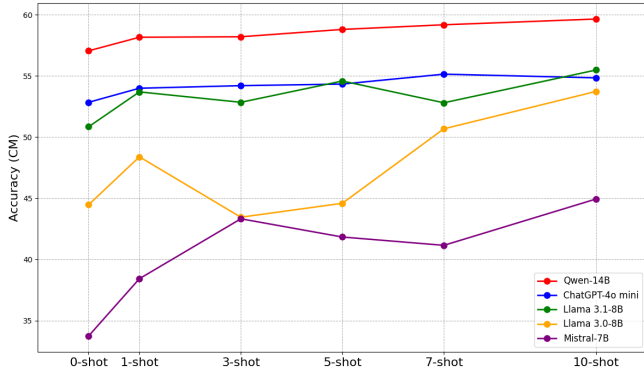


Figure 29: CM of models under their variant leading to the highest performance, as a function of the number k of examples prompted.

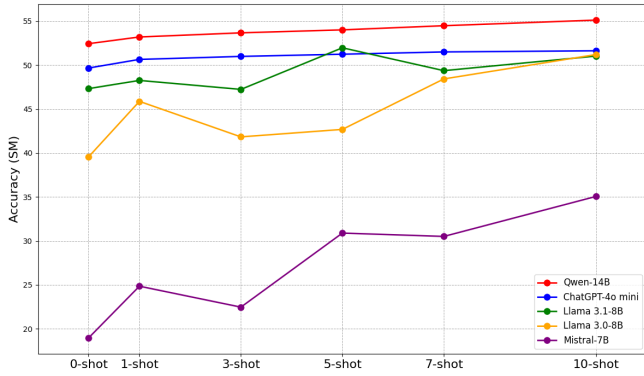


Figure 30: SM of models under their variant leading to the highest performance, as a function of the number k of examples prompted.

9.3 LLM Performance on ALF Across All Configurations

Below are tables for all averages on ALF for all configurations. Results on the individual LFs can be found in the code directory of the Appendix.

Table 6: EM of ChatGPT-4o mini variants (Hist:0). P=paradigmatic, S=syntagmatic, OA=overall average

Pr	L	k	Fb	P	S	OA
d	en	0	0	37.49	18.50	34.26
d	en	0	1	—	—	—
d	en	1	0	43.80	20.25	39.79
d	en	1	1	—	—	—
d	en	3	0	46.97	22.50	42.81
d	en	3	1	—	—	—
d	en	5	0	48.57	25.00	44.56
d	en	5	1	—	—	—
d	en	7	0	48.82	29.25	45.49
d	en	7	1	—	—	—
d	en	10	0	50.41	30.00	46.94
d	en	10	1	—	—	—
d	fr	0	0	37.85	17.00	34.30
d	fr	0	1	—	—	—
d	fr	1	0	44.71	18.50	40.25
d	fr	1	1	—	—	—
d	fr	3	0	48.11	24.25	44.05
d	fr	3	1	—	—	—
d	fr	5	0	49.64	25.50	45.53
d	fr	5	1	—	—	—
d	fr	7	0	50.77	27.25	46.77
d	fr	7	1	—	—	—
d	fr	10	0	52.41	28.75	48.38
d	fr	10	1	—	—	—
e	en	0	0	38.10	15.75	34.29
e	en	0	1	—	—	—
e	en	1	0	43.18	23.00	39.75
e	en	1	1	—	—	—
e	en	3	0	45.54	25.00	42.05
e	en	3	1	—	—	—
e	en	5	0	46.41	25.75	42.90
e	en	5	1	—	—	—
e	en	7	0	47.43	26.50	43.87
e	en	7	1	—	—	—
e	en	10	0	47.65	28.00	44.30
e	en	10	1	—	—	—
e	fr	0	0	38.82	13.75	34.55
e	fr	0	1	—	—	—
e	fr	1	0	44.82	19.25	40.47
e	fr	1	1	—	—	—
e	fr	3	0	47.18	22.00	42.89
e	fr	3	1	—	—	—
e	fr	5	0	47.85	23.50	43.71
e	fr	5	1	—	—	—
e	fr	7	0	49.12	26.75	45.32
e	fr	7	1	—	—	—
e	fr	10	0	48.46	27.50	44.89
e	fr	10	1	—	—	—

Table 7: EM of ChatGPT-4o mini variants (Hist:1). P=paradigmatic, S=syntagmatic, OA=overall average

Pr	L	k	Fb	P	S	OA
d	en	0	0	48.51	25.25	44.55
d	en	0	1	52.77	32.50	49.32
d	en	1	0	49.89	24.00	45.49
d	en	1	1	53.23	35.00	50.13
d	en	3	0	50.36	24.00	45.87
d	en	3	1	54.15	33.75	50.68
d	en	5	0	52.10	28.00	48.00
d	en	5	1	54.62	33.00	50.94
d	en	7	0	50.82	24.75	46.38
d	en	7	1	54.62	34.00	51.11
d	en	10	0	49.85	25.50	45.70
d	en	10	1	54.36	36.75	51.36
d	fr	0	0	48.92	23.00	44.51
d	fr	0	1	52.82	27.75	48.56
d	fr	1	0	49.85	24.25	45.49
d	fr	1	1	53.39	29.50	49.32
d	fr	3	0	50.56	24.00	46.04
d	fr	3	1	54.15	30.50	50.13
d	fr	5	0	50.15	21.75	45.32
d	fr	5	1	54.21	31.50	50.34
d	fr	7	0	50.87	23.75	46.25
d	fr	7	1	53.54	31.75	49.83
d	fr	10	0	50.26	26.00	46.13
d	fr	10	1	53.70	33.75	50.30
e	en	0	0	48.87	23.50	44.55
e	en	0	1	51.75	31.75	48.34
e	en	1	0	49.85	23.25	45.32
e	en	1	1	52.25	32.00	48.81
e	en	3	0	49.89	22.25	45.19
e	en	3	1	53.90	31.50	50.09
e	en	5	0	51.18	22.00	46.21
e	en	5	1	53.49	29.50	49.41
e	en	7	0	50.92	22.50	46.08
e	en	7	1	53.69	33.75	50.30
e	en	10	0	51.13	23.75	46.47
e	en	10	1	54.72	32.25	50.90
e	fr	0	0	49.79	21.75	45.02
e	fr	0	1	52.36	32.00	48.89
e	fr	1	0	49.65	21.00	44.77
e	fr	1	1	52.20	31.75	48.72
e	fr	3	0	50.30	21.50	45.40
e	fr	3	1	52.57	29.50	48.64
e	fr	5	0	49.90	22.50	45.23
e	fr	5	1	53.44	28.50	49.19
e	fr	7	0	51.95	24.75	47.32
e	fr	7	1	53.08	29.50	49.07
e	fr	10	0	50.88	24.25	46.34
e	fr	10	1	53.75	29.75	49.66

Table 8: EM of Llama3.0-8B versions (Hist:0). P=paradigmatic, S=syntagmatic, OA=overall average

Pr	L	k	Fb	P	S	OA
d	en	0	0	13.85	10.25	13.24
d	en	0	1	—	—	—
d	en	1	0	20.06	14.00	19.03
d	en	1	1	—	—	—
d	en	3	0	22.21	11.75	20.43
d	en	3	1	—	—	—
d	en	5	0	22.82	11.50	20.90
d	en	5	1	—	—	—
d	en	7	0	23.95	14.00	22.26
d	en	7	1	—	—	—
d	en	10	0	24.20	14.50	22.55
d	en	10	1	—	—	—
d	fr	0	0	12.06	7.00	11.20
d	fr	0	1	—	—	—
d	fr	1	0	27.89	15.25	25.74
d	fr	1	1	—	—	—
d	fr	3	0	31.39	16.75	28.90
d	fr	3	1	—	—	—
d	fr	5	0	32.21	17.25	29.66
d	fr	5	1	—	—	—
d	fr	7	0	35.54	21.25	33.11
d	fr	7	1	—	—	—
d	fr	10	0	36.21	25.50	34.38
d	fr	10	1	—	—	—
e	en	0	0	12.16	8.50	11.54
e	en	0	1	—	—	—
e	en	1	0	22.72	13.25	21.11
e	en	1	1	—	—	—
e	en	3	0	21.85	9.75	19.79
e	en	3	1	—	—	—
e	en	5	0	22.57	10.50	20.51
e	en	5	1	—	—	—
e	en	7	0	25.03	11.25	22.68
e	en	7	1	—	—	—
e	en	10	0	25.29	13.25	23.24
e	en	10	1	—	—	—
e	fr	0	0	10.62	10.75	10.64
e	fr	0	1	—	—	—
e	fr	1	0	26.41	15.25	24.51
e	fr	1	1	—	—	—
e	fr	3	0	29.89	18.25	27.91
e	fr	3	1	—	—	—
e	fr	5	0	29.95	21.00	28.42
e	fr	5	1	—	—	—
e	fr	7	0	32.41	22.00	30.64
e	fr	7	1	—	—	—
e	fr	10	0	32.71	26.00	31.57
e	fr	10	1	—	—	—

Table 9: EM of Llama3.0-8B versions (Hist:1). P=paradigmatic, S=syntagmatic, OA=overall average

Pr	L	k	Fb	P	S	OA
d	en	0	0	43.07	17.25	38.68
d	en	0	1	46.56	22.50	42.47
d	en	1	0	45.28	33.25	43.23
d	en	1	1	47.53	34.75	45.36
d	en	3	0	45.69	31.25	43.24
d	en	3	1	47.07	36.25	45.23
d	en	5	0	47.07	23.75	43.10
d	en	5	1	47.54	32.25	44.94
d	en	7	0	48.15	32.50	45.49
d	en	7	1	47.90	32.75	45.32
d	en	10	0	48.46	25.00	44.46
d	en	10	1	48.56	40.25	47.15
d	fr	0	0	43.02	16.75	38.55
d	fr	0	1	40.41	20.25	36.98
d	fr	1	0	48.57	30.00	45.41
d	fr	1	1	48.46	31.50	45.58
d	fr	3	0	43.79	25.75	40.72
d	fr	3	1	46.87	32.25	44.38
d	fr	5	0	43.69	31.25	41.57
d	fr	5	1	51.28	33.50	48.25
d	fr	7	0	49.90	35.00	47.37
d	fr	7	1	52.83	33.25	49.49
d	fr	10	0	52.77	37.50	50.17
d	fr	10	1	47.08	35.25	45.07
e	en	0	0	40.51	24.25	37.74
e	en	0	1	44.00	14.50	38.98
e	en	1	0	40.05	23.00	37.15
e	en	1	1	43.90	28.25	41.23
e	en	3	0	43.18	12.00	37.87
e	en	3	1	44.93	16.25	40.04
e	en	5	0	46.00	13.50	40.47
e	en	5	1	45.18	28.00	42.25
e	en	7	0	46.20	12.75	40.51
e	en	7	1	43.08	29.25	40.72
e	en	10	0	47.59	26.75	44.04
e	en	10	1	46.87	15.50	41.53
e	fr	0	0	36.41	24.75	34.43
e	fr	0	1	37.03	25.00	34.98
e	fr	1	0	44.35	27.00	41.40
e	fr	1	1	38.05	23.75	35.62
e	fr	3	0	45.90	27.75	42.81
e	fr	3	1	37.69	25.50	35.62
e	fr	5	0	46.05	28.25	43.02
e	fr	5	1	39.85	27.50	37.75
e	fr	7	0	47.59	28.75	44.39
e	fr	7	1	40.97	25.50	38.34
e	fr	10	0	48.62	29.75	45.40
e	fr	10	1	40.67	27.25	38.39

Table 10: EM of Llama3.1-8B versions (Hist:0). P=paradigmatic, S=syntagmatic, OA=overall average.

Pr	L	k	Fb	P	S	OA
d	en	0	0	6.46	3.75	6.00
d	en	0	1	—	—	—
d	en	1	0	15.43	6.00	13.83
d	en	1	1	—	—	—
d	en	3	0	20.15	8.00	18.08
d	en	3	1	—	—	—
d	en	5	0	22.21	7.75	19.75
d	en	5	1	—	—	—
d	en	7	0	22.51	8.25	20.09
d	en	7	1	—	—	—
d	en	10	0	27.23	8.75	24.09
d	en	10	1	—	—	—
d	fr	0	0	14.97	8.25	13.83
d	fr	0	1	—	—	—
d	fr	1	0	29.33	13.25	26.59
d	fr	1	1	—	—	—
d	fr	3	0	33.03	14.75	29.92
d	fr	3	1	—	—	—
d	fr	5	0	35.49	16.50	32.25
d	fr	5	1	—	—	—
d	fr	7	0	39.59	22.25	36.64
d	fr	7	1	—	—	—
d	fr	10	0	37.03	22.25	34.51
d	fr	10	1	—	—	—
e	en	0	0	7.13	1.50	6.17
e	en	0	1	—	—	—
e	en	1	0	15.69	5.25	13.91
e	en	1	1	—	—	—
e	en	3	0	16.87	7.50	15.27
e	en	3	1	—	—	—
e	en	5	0	18.77	8.00	16.93
e	en	5	1	—	—	—
e	en	7	0	17.18	9.50	15.88
e	en	7	1	—	—	—
e	en	10	0	16.88	8.25	15.41
e	en	10	1	—	—	—
e	fr	0	0	14.26	5.75	12.81
e	fr	0	1	—	—	—
e	fr	1	0	27.13	14.25	24.94
e	fr	1	1	—	—	—
e	fr	3	0	31.59	14.50	28.68
e	fr	3	1	—	—	—
e	fr	5	0	33.03	20.25	30.85
e	fr	5	1	—	—	—
e	fr	7	0	34.46	21.25	32.21
e	fr	7	1	—	—	—
e	fr	10	0	35.59	22.50	33.36
e	fr	10	1	—	—	—

Table 11: EM of Llama3.1-8B versions (Hist:1). P=paradigmatic, S=syntagmatic, OA=overall average.

Pr	L	k	Fb	P	S	OA
d	en	0	0	42.97	29.25	40.64
d	en	0	1	48.25	33.25	45.70
d	en	1	0	48.26	29.75	45.11
d	en	1	1	48.98	33.50	46.34
d	en	3	0	49.39	28.25	45.79
d	en	3	1	49.85	37.50	47.75
d	en	5	0	49.69	32.75	46.81
d	en	5	1	50.61	35.50	48.04
d	en	7	0	49.89	34.50	47.27
d	en	7	1	52.41	39.75	50.25
d	en	10	0	51.13	34.25	48.26
d	en	10	1	53.59	37.75	50.89
d	fr	0	0	46.87	30.00	44.00
d	fr	0	1	48.51	36.75	46.51
d	fr	1	0	47.80	29.00	44.60
d	fr	1	1	49.69	35.75	47.32
d	fr	3	0	51.49	30.50	47.92
d	fr	3	1	49.08	32.50	46.25
d	fr	5	0	47.18	34.00	44.94
d	fr	5	1	52.98	37.25	50.30
d	fr	7	0	52.16	32.75	48.85
d	fr	7	1	50.57	38.00	48.43
d	fr	10	0	50.26	20.50	45.19
d	fr	10	1	51.65	39.00	49.49
e	en	0	0	44.00	20.25	39.96
e	en	0	1	46.00	30.25	43.32
e	en	1	0	43.95	19.00	39.70
e	en	1	1	47.12	27.25	43.74
e	en	3	0	44.66	23.00	40.98
e	en	3	1	46.62	29.75	43.75
e	en	5	0	45.69	24.75	42.13
e	en	5	1	48.51	33.00	45.87
e	en	7	0	47.59	26.50	44.00
e	en	7	1	49.49	31.25	46.39
e	en	10	0	47.94	27.50	44.46
e	en	10	1	49.95	29.75	46.51
e	fr	0	0	38.77	26.25	36.64
e	fr	0	1	46.51	32.00	44.04
e	fr	1	0	45.54	25.50	42.13
e	fr	1	1	49.23	31.25	46.17
e	fr	3	0	48.87	25.25	44.85
e	fr	3	1	49.75	31.25	46.60
e	fr	5	0	48.57	27.50	44.98
e	fr	5	1	51.70	32.75	48.47
e	fr	7	0	50.98	27.00	46.90
e	fr	7	1	53.03	33.00	49.62
e	fr	10	0	50.88	31.25	47.54
e	fr	10	1	52.26	36.00	49.49

Table 12: EM of Qwen14B variants (Hist:0). P=paradigmatic, S=syntagmatic, OA=overall average.

Pr	L	k	Fb	P	S	OA
d	en	0	0	32.31	21.25	30.43
d	en	0	1	—	—	—
d	en	1	0	40.35	25.25	37.78
d	en	1	1	—	—	—
d	en	3	0	45.54	30.50	42.98
d	en	3	1	—	—	—
d	en	5	0	46.87	31.25	44.21
d	en	5	1	—	—	—
d	en	7	0	47.69	34.25	45.40
d	en	7	1	—	—	—
d	en	10	0	48.56	34.00	46.08
d	en	10	1	—	—	—
d	fr	0	0	31.33	17.00	28.89
d	fr	0	1	—	—	—
d	fr	1	0	40.71	26.00	38.21
d	fr	1	1	—	—	—
d	fr	3	0	44.87	30.25	42.38
d	fr	3	1	—	—	—
d	fr	5	0	46.05	26.75	42.77
d	fr	5	1	—	—	—
d	fr	7	0	47.23	29.75	44.25
d	fr	7	1	—	—	—
d	fr	10	0	47.75	30.50	44.81
d	fr	10	1	—	—	—
e	en	0	0	32.87	16.25	30.04
e	en	0	1	—	—	—
e	en	1	0	38.77	20.25	35.61
e	en	1	1	—	—	—
e	en	3	0	43.18	27.50	40.51
e	en	3	1	—	—	—
e	en	5	0	43.33	29.00	40.89
e	en	5	1	—	—	—
e	en	7	0	45.38	32.25	43.15
e	en	7	1	—	—	—
e	en	10	0	47.03	31.25	44.34
e	en	10	1	—	—	—
e	fr	0	0	32.66	17.00	30.00
e	fr	0	1	—	—	—
e	fr	1	0	39.65	20.00	36.30
e	fr	1	1	—	—	—
e	fr	3	0	44.36	26.25	41.28
e	fr	3	1	—	—	—
e	fr	5	0	44.41	26.50	41.36
e	fr	5	1	—	—	—
e	fr	7	0	46.41	27.75	43.23
e	fr	7	1	—	—	—
e	fr	10	0	47.34	28.75	44.17
e	fr	10	1	—	—	—

Table 13: EM of Qwen14B variants (Hist:1). P=paradigmatic, S=syntagmatic, OA=overall average.

Pr	L	k	Fb	P	S	OA
d	en	0	0	49.80	32.50	46.85
d	en	0	1	50.00	39.50	48.21
d	en	1	0	47.48	31.25	44.72
d	en	1	1	53.75	37.25	50.94
d	en	3	0	53.18	37.50	50.51
d	en	3	1	54.72	41.00	52.38
d	en	5	0	52.72	35.25	49.74
d	en	5	1	55.23	40.25	52.68
d	en	7	0	51.54	38.00	49.24
d	en	7	1	56.46	41.75	53.96
d	en	10	0	52.93	36.75	50.17
d	en	10	1	54.72	42.50	52.64
d	fr	0	0	46.82	33.75	44.60
d	fr	0	1	54.51	36.25	51.40
d	fr	1	0	49.90	33.50	47.11
d	fr	1	1	55.03	37.50	52.04
d	fr	3	0	53.13	34.25	49.91
d	fr	3	1	55.23	38.50	52.38
d	fr	5	0	54.56	33.00	50.89
d	fr	5	1	55.95	38.25	52.94
d	fr	7	0	54.92	34.50	51.45
d	fr	7	1	56.41	38.00	53.27
d	fr	10	0	54.87	34.75	51.44
d	fr	10	1	56.83	40.25	54.00
e	en	0	0	47.44	30.75	44.60
e	en	0	1	49.95	33.75	47.19
e	en	1	0	46.57	30.50	43.83
e	en	1	1	51.23	35.00	48.47
e	en	3	0	47.44	30.50	44.55
e	en	3	1	51.64	36.25	49.02
e	en	5	0	47.38	32.00	44.76
e	en	5	1	51.23	36.50	48.72
e	en	7	0	47.89	32.50	45.27
e	en	7	1	53.49	35.25	50.38
e	en	10	0	49.59	32.00	46.60
e	en	10	1	53.12	36.50	50.29
e	fr	0	0	47.95	30.00	44.89
e	fr	0	1	52.15	34.50	49.15
e	fr	1	0	50.05	30.00	46.64
e	fr	1	1	52.00	34.25	48.98
e	fr	3	0	53.59	28.75	49.37
e	fr	3	1	53.69	36.25	50.72
e	fr	5	0	49.65	31.00	46.47
e	fr	5	1	51.49	36.50	48.94
e	fr	7	0	52.00	29.75	48.21
e	fr	7	1	54.77	37.25	51.79
e	fr	10	0	51.02	31.00	47.62
e	fr	10	1	54.05	36.25	51.02

Table 14: EM of Mistral7B variants (Hist:0). P=paradigmatic, S=syntagmatic, OA=overall average.

Pr	L	k	Fb	P	S	OA
d	en	0	0	5.28	2.0	4.72
d	en	0	1	—	—	—
d	en	1	0	11.64	5.0	10.51
d	en	1	1	—	—	—
d	en	3	0	17.54	5.75	15.53
d	en	3	1	—	—	—
d	en	5	0	19.33	7.5	17.32
d	en	5	1	—	—	—
d	en	7	0	20.56	8.25	18.47
d	en	7	1	—	—	—
d	en	10	0	22.72	9.75	20.51
d	en	10	1	—	—	—
d	fr	0	0	15.08	6.0	13.53
d	fr	0	1	—	—	—
d	fr	1	0	24.46	11.75	22.3
d	fr	1	1	—	—	—
d	fr	3	0	28.46	13.75	25.95
d	fr	3	1	—	—	—
d	fr	5	0	31.59	12.0	28.26
d	fr	5	1	—	—	—
d	fr	7	0	32.93	14.75	29.83
d	fr	7	1	—	—	—
d	fr	10	0	34.05	16.0	30.98
d	fr	10	1	—	—	—
e	en	0	0	4.87	0.5	4.13
e	en	0	1	—	—	—
e	en	1	0	15.33	5.0	13.57
e	en	1	1	—	—	—
e	en	3	0	16.98	6.0	15.11
e	en	3	1	—	—	—
e	en	5	0	19.54	6.25	17.27
e	en	5	1	—	—	—
e	en	7	0	19.74	10.75	18.21
e	en	7	1	—	—	—
e	en	10	0	22.25	11.25	20.38
e	en	10	1	—	—	—
e	fr	0	0	13.33	5.5	12.0
e	fr	0	1	—	—	—
e	fr	1	0	22.41	9.5	20.21
e	fr	1	1	—	—	—
e	fr	3	0	25.85	11.0	23.32
e	fr	3	1	—	—	—
e	fr	5	0	28.98	12.5	26.17
e	fr	5	1	—	—	—
e	fr	7	0	30.51	16.25	28.08
e	fr	7	1	—	—	—
e	fr	10	0	30.72	16.25	28.26
e	fr	10	1	—	—	—

Table 15: EM of Mistral7B variants (Hist:1). P=paradigmatic, S=syntagmatic, OA=overall average.

Pr	L	k	Fb	P	S	OA
d	en	0	0	2.0	0.0	1.66
d	en	0	1	2.36	0.25	2.0
d	en	1	0	15.54	0.0	12.89
d	en	1	1	17.59	0.0	14.59
d	en	3	0	9.59	15.25	10.55
d	en	3	1	9.28	19.0	10.93
d	en	5	0	11.49	19.75	12.89
d	en	5	1	18.05	16.5	17.79
d	en	7	0	12.87	14.25	13.11
d	en	7	1	13.34	6.5	12.17
d	en	10	0	16.15	15.5	16.04
d	en	10	1	23.18	14.25	21.66
d	fr	0	0	18.26	0.0	15.15
d	fr	0	1	18.77	10.25	17.32
d	fr	1	0	24.0	8.25	21.32
d	fr	1	1	25.54	8.25	22.59
d	fr	3	0	21.33	7.0	18.89
d	fr	3	1	23.34	17.75	22.39
d	fr	5	0	31.03	17.75	28.77
d	fr	5	1	29.44	17.75	27.45
d	fr	7	0	31.49	9.5	27.75
d	fr	7	1	29.7	18.25	27.75
d	fr	10	0	35.79	18.5	32.85
d	fr	10	1	32.46	35.0	32.89
e	en	0	0	3.79	0.0	3.15
e	en	0	1	4.71	0.0	3.91
e	en	1	0	13.33	1.25	11.28
e	en	1	1	16.41	4.25	14.34
e	en	3	0	8.41	5.25	7.87
e	en	3	1	9.08	11.5	9.49
e	en	5	0	8.77	5.0	8.13
e	en	5	1	11.08	11.5	11.15
e	en	7	0	10.36	6.0	9.62
e	en	7	1	11.13	10.75	11.06
e	en	10	0	17.18	8.5	15.7
e	en	10	1	17.9	10.5	16.64
e	fr	0	0	4.61	6.0	4.85
e	fr	0	1	10.51	8.75	10.21
e	fr	1	0	22.57	3.0	19.24
e	fr	1	1	22.82	5.75	19.92
e	fr	3	0	15.48	12.75	15.02
e	fr	3	1	14.72	13.5	14.51
e	fr	5	0	17.59	7.75	15.92
e	fr	5	1	18.2	13.75	17.44
e	fr	7	0	22.56	8.75	20.21
e	fr	7	1	21.13	14.0	19.91
e	fr	10	0	17.89	8.75	16.34
e	fr	10	1	18.2	11.75	17.1

Table 16: CM of ChatGPT-4o mini variants (Hist:0).
P=paradigmatic, S=syntagmatic, OA=overall average

Pr	L	k	Fb	P	S	OA
d	en	0	0	40.51	19.50	36.93
d	en	0	1	—	—	—
d	en	1	0	46.77	23.50	42.81
d	en	1	1	—	—	—
d	en	3	0	49.90	25.00	45.66
d	en	3	1	—	—	—
d	en	5	0	51.59	29.00	47.74
d	en	5	1	—	—	—
d	en	7	0	51.74	31.50	48.30
d	en	7	1	—	—	—
d	en	10	0	53.70	32.00	50.00
d	en	10	1	—	—	—
d	fr	0	0	41.23	19.25	37.49
d	fr	0	1	—	—	—
d	fr	1	0	47.70	20.50	43.07
d	fr	1	1	—	—	—
d	fr	3	0	51.54	27.75	47.49
d	fr	3	1	—	—	—
d	fr	5	0	52.67	29.25	48.68
d	fr	5	1	—	—	—
d	fr	7	0	53.39	31.25	49.62
d	fr	7	1	—	—	—
d	fr	10	0	55.54	33.25	51.75
d	fr	10	1	—	—	—
e	en	0	0	40.82	17.00	36.76
e	en	0	1	—	—	—
e	en	1	0	46.36	23.75	42.51
e	en	1	1	—	—	—
e	en	3	0	49.44	27.50	45.71
e	en	3	1	—	—	—
e	en	5	0	50.00	29.00	46.43
e	en	5	1	—	—	—
e	en	7	0	50.62	28.75	46.90
e	en	7	1	—	—	—
e	en	10	0	51.18	31.00	47.75
e	en	10	1	—	—	—
e	fr	0	0	42.21	15.25	37.62
e	fr	0	1	—	—	—
e	fr	1	0	48.31	21.25	43.70
e	fr	1	1	—	—	—
e	fr	3	0	50.98	24.75	46.51
e	fr	3	1	—	—	—
e	fr	5	0	51.54	26.50	47.28
e	fr	5	1	—	—	—
e	fr	7	0	52.31	29.00	48.34
e	fr	7	1	—	—	—
e	fr	10	0	52.31	31.00	48.68
e	fr	10	1	—	—	—

Table 17: CM of ChatGPT-4o mini variants (Hist:1).
P=paradigmatic, S=syntagmatic, OA=overall average

Pr	L	k	Fb	P	S	OA
d	en	0	0	52.87	28.00	48.64
d	en	0	1	56.25	36.25	52.85
d	en	1	0	53.49	26.75	48.94
d	en	1	1	56.98	39.50	54.00
d	en	3	0	53.70	27.00	49.15
d	en	3	1	57.59	37.75	54.21
d	en	5	0	55.08	30.50	50.90
d	en	5	1	58.00	36.50	54.34
d	en	7	0	54.31	27.50	49.74
d	en	7	1	58.31	39.75	55.15
d	en	10	0	53.85	28.50	49.53
d	en	10	1	57.69	41.00	54.85
d	fr	0	0	52.77	26.25	48.26
d	fr	0	1	56.26	32.00	52.13
d	fr	1	0	53.54	27.00	49.02
d	fr	1	1	57.84	34.00	53.78
d	fr	3	0	54.26	26.00	49.45
d	fr	3	1	57.85	34.75	53.92
d	fr	5	0	53.79	24.75	48.85
d	fr	5	1	57.75	35.00	53.87
d	fr	7	0	54.11	26.25	49.36
d	fr	7	1	57.70	35.50	53.92
d	fr	10	0	53.80	29.25	49.62
d	fr	10	1	57.49	37.75	54.13
e	en	0	0	52.92	26.00	48.34
e	en	0	1	56.00	35.50	52.51
e	en	1	0	53.79	25.50	48.98
e	en	1	1	56.67	35.50	53.07
e	en	3	0	54.05	24.50	49.02
e	en	3	1	57.59	34.75	53.71
e	en	5	0	54.87	24.50	49.70
e	en	5	1	57.85	32.75	53.57
e	en	7	0	54.72	24.25	49.53
e	en	7	1	56.98	37.75	53.70
e	en	10	0	55.44	25.50	50.34
e	en	10	1	58.36	35.00	54.38
e	fr	0	0	53.28	24.25	48.34
e	fr	0	1	56.00	35.75	52.56
e	fr	1	0	53.94	23.75	48.81
e	fr	1	1	56.31	35.25	52.73
e	fr	3	0	54.16	23.50	48.94
e	fr	3	1	56.67	32.25	52.51
e	fr	5	0	53.95	24.25	48.90
e	fr	5	1	57.08	32.50	52.90
e	fr	7	0	55.79	27.75	51.02
e	fr	7	1	56.46	34.00	52.64
e	fr	10	0	54.51	26.50	49.74
e	fr	10	1	57.28	33.25	53.19

Table 18: CM of Llama3.0-8B versions (Hist:0). P=paradigmatic, S=syntagmatic, OA=overall average

Pr	L	k	Fb	P	S	OA
d	en	0	0	15.85	11.00	15.02
d	en	0	1	—	—	—
d	en	1	0	22.36	14.75	21.06
d	en	1	1	—	—	—
d	en	3	0	24.46	12.25	22.38
d	en	3	1	—	—	—
d	en	5	0	24.57	12.50	22.51
d	en	5	1	—	—	—
d	en	7	0	25.79	15.00	23.96
d	en	7	1	—	—	—
d	en	10	0	26.21	14.75	24.26
d	en	10	1	—	—	—
d	fr	0	0	14.21	11.25	13.71
d	fr	0	1	—	—	—
d	fr	1	0	31.18	16.25	28.64
d	fr	1	1	—	—	—
d	fr	3	0	33.80	18.50	31.19
d	fr	3	1	—	—	—
d	fr	5	0	35.03	19.50	32.38
d	fr	5	1	—	—	—
d	fr	7	0	38.41	22.50	35.71
d	fr	7	1	—	—	—
d	fr	10	0	38.66	27.25	36.72
d	fr	10	1	—	—	—
e	en	0	0	13.43	10.75	12.98
e	en	0	1	—	—	—
e	en	1	0	25.18	14.50	23.36
e	en	1	1	—	—	—
e	en	3	0	23.90	10.00	21.54
e	en	3	1	—	—	—
e	en	5	0	24.71	11.00	22.38
e	en	5	1	—	—	—
e	en	7	0	27.59	14.00	25.28
e	en	7	1	—	—	—
e	en	10	0	27.69	14.50	25.45
e	en	10	1	—	—	—
e	fr	0	0	12.62	13.00	12.68
e	fr	0	1	—	—	—
e	fr	1	0	29.59	16.00	27.27
e	fr	1	1	—	—	—
e	fr	3	0	32.61	18.50	30.21
e	fr	3	1	—	—	—
e	fr	5	0	32.67	23.00	31.02
e	fr	5	1	—	—	—
e	fr	7	0	34.97	24.50	33.19
e	fr	7	1	—	—	—
e	fr	10	0	34.97	27.50	33.70
e	fr	10	1	—	—	—

Table 19: CM of Llama3.0-8B versions (Hist:1). P=paradigmatic, S=syntagmatic, OA=overall average.

Pr	L	k	Fb	P	S	OA
d	en	0	0	46.05	34.00	44.00
d	en	0	1	50.30	38.00	48.21
d	en	1	0	48.82	39.00	47.15
d	en	1	1	51.74	37.50	49.32
d	en	3	0	49.18	34.00	46.59
d	en	3	1	50.31	38.75	48.34
d	en	5	0	50.10	35.75	47.66
d	en	5	1	51.23	36.75	48.77
d	en	7	0	51.69	35.75	48.98
d	en	7	1	53.18	37.75	50.55
d	en	10	0	52.21	39.75	50.09
d	en	10	1	52.97	43.00	51.28
d	fr	0	0	47.28	30.75	44.47
d	fr	0	1	47.28	34.00	45.02
d	fr	1	0	51.23	34.50	48.39
d	fr	1	1	51.69	35.50	48.93
d	fr	3	0	46.87	26.75	43.45
d	fr	3	1	49.23	35.00	46.81
d	fr	5	0	46.66	34.50	44.59
d	fr	5	1	54.31	37.25	51.40
d	fr	7	0	53.64	36.25	50.68
d	fr	7	1	55.85	36.00	52.47
d	fr	10	0	56.26	41.50	53.74
d	fr	10	1	50.16	38.75	48.22
e	en	0	0	43.02	28.50	40.55
e	en	0	1	47.18	28.50	44.00
e	en	1	0	42.93	27.00	40.22
e	en	1	1	46.67	32.00	44.17
e	en	3	0	46.16	25.25	42.60
e	en	3	1	47.54	32.00	44.89
e	en	5	0	48.56	26.75	44.85
e	en	5	1	47.95	32.00	45.23
e	en	7	0	48.82	27.50	45.19
e	en	7	1	47.48	32.75	44.97
e	en	10	0	50.46	31.75	47.28
e	en	10	1	50.00	32.00	46.94
e	fr	0	0	39.08	27.00	37.02
e	fr	0	1	39.54	29.50	37.83
e	fr	1	0	47.13	30.25	44.26
e	fr	1	1	40.16	26.25	37.79
e	fr	3	0	49.03	31.75	46.09
e	fr	3	1	40.41	27.75	38.26
e	fr	5	0	48.93	32.00	46.05
e	fr	5	1	42.36	32.00	40.60
e	fr	7	0	50.35	32.75	47.36
e	fr	7	1	43.18	28.75	40.72
e	fr	10	0	51.65	30.75	48.09
e	fr	10	1	42.98	31.50	41.03

Table 20: CM of Llama3.1-8B versions (Hist:0). P=paradigmatic, S=syntagmatic, OA=overall average.

Pr	L	k	Fb	P	S	OA
d	en	0	0	7.48	4.00	6.89
d	en	0	1	—	—	—
d	en	1	0	17.08	6.50	15.28
d	en	1	1	—	—	—
d	en	3	0	22.00	10.00	19.96
d	en	3	1	—	—	—
d	en	5	0	23.59	9.00	21.11
d	en	5	1	—	—	—
d	en	7	0	23.69	9.25	21.23
d	en	7	1	—	—	—
d	en	10	0	29.13	8.75	25.66
d	en	10	1	—	—	—
d	fr	0	0	17.23	9.50	15.92
d	fr	0	1	—	—	—
d	fr	1	0	32.41	14.00	29.27
d	fr	1	1	—	—	—
d	fr	3	0	35.54	16.75	32.34
d	fr	3	1	—	—	—
d	fr	5	0	38.25	18.00	34.81
d	fr	5	1	—	—	—
d	fr	7	0	42.20	22.50	38.85
d	fr	7	1	—	—	—
d	fr	10	0	39.43	22.75	36.59
d	fr	10	1	—	—	—
e	en	0	0	8.00	1.50	6.89
e	en	0	1	—	—	—
e	en	1	0	16.77	5.25	14.81
e	en	1	1	—	—	—
e	en	3	0	18.05	7.50	16.25
e	en	3	1	—	—	—
e	en	5	0	19.64	8.25	17.70
e	en	5	1	—	—	—
e	en	7	0	17.95	10.00	16.60
e	en	7	1	—	—	—
e	en	10	0	18.15	8.75	16.55
e	en	10	1	—	—	—
e	fr	0	0	15.74	6.25	14.12
e	fr	0	1	—	—	—
e	fr	1	0	29.95	15.00	27.40
e	fr	1	1	—	—	—
e	fr	3	0	34.10	16.75	31.15
e	fr	3	1	—	—	—
e	fr	5	0	35.54	22.25	33.28
e	fr	5	1	—	—	—
e	fr	7	0	37.07	22.75	34.64
e	fr	7	1	—	—	—
e	fr	10	0	37.95	23.75	35.53
e	fr	10	1	—	—	—

Table 21: CM of Llama3.1-8B versions (Hist:1). P=paradigmatic, S=syntagmatic, OA=overall average.

Pr	L	k	Fb	P	S	OA
d	en	0	0	48.05	35.00	45.83
d	en	0	1	51.18	39.25	49.15
d	en	1	0	50.98	35.25	48.30
d	en	1	1	52.77	39.50	50.51
d	en	3	0	52.46	34.75	49.45
d	en	3	1	53.64	43.75	51.95
d	en	5	0	52.92	37.75	50.34
d	en	5	1	53.95	41.00	51.74
d	en	7	0	53.59	38.25	50.98
d	en	7	1	54.98	44.75	53.24
d	en	10	0	53.95	42.75	52.04
d	en	10	1	56.46	43.75	54.30
d	fr	0	0	52.82	34.75	49.75
d	fr	0	1	52.25	44.00	50.85
d	fr	1	0	51.79	32.75	48.55
d	fr	1	1	56.15	41.75	53.70
d	fr	3	0	55.28	38.50	52.43
d	fr	3	1	56.11	37.00	52.85
d	fr	5	0	55.54	38.75	52.68
d	fr	5	1	56.82	43.75	54.59
d	fr	7	0	56.20	36.75	52.89
d	fr	7	1	54.87	42.75	52.81
d	fr	10	0	56.97	41.75	54.38
d	fr	10	1	57.07	47.75	55.49
e	en	0	0	46.57	23.75	42.68
e	en	0	1	48.92	35.00	46.55
e	en	1	0	46.77	22.25	42.59
e	en	1	1	49.95	32.50	46.98
e	en	3	0	47.75	27.75	44.34
e	en	3	1	49.39	35.00	46.94
e	en	5	0	48.46	29.25	45.19
e	en	5	1	51.23	38.25	49.02
e	en	7	0	50.16	29.50	46.64
e	en	7	1	52.26	36.25	49.53
e	en	10	0	50.77	30.50	47.32
e	en	10	1	52.36	34.25	49.27
e	fr	0	0	44.26	32.25	42.21
e	fr	0	1	51.08	38.00	48.85
e	fr	1	0	48.56	30.75	45.53
e	fr	1	1	52.52	36.75	49.83
e	fr	3	0	51.59	31.25	48.13
e	fr	3	1	52.10	37.75	49.66
e	fr	5	0	51.13	33.50	48.13
e	fr	5	1	54.05	39.50	51.58
e	fr	7	0	53.64	33.50	50.21
e	fr	7	1	55.75	39.00	52.90
e	fr	10	0	53.79	35.75	50.72
e	fr	10	1	55.23	42.50	53.06

Table 22: CM of Qwen14B variants (Hist:0). P=paradigmatic, S=syntagmatic, OA=overall average.

Pr	L	k	Fb	P	S	OA
d	en	0	0	36.20	23.25	34.00
d	en	0	1	—	—	—
d	en	1	0	44.92	28.00	42.04
d	en	1	1	—	—	—
d	en	3	0	50.00	33.00	47.10
d	en	3	1	—	—	—
d	en	5	0	51.53	33.50	48.46
d	en	5	1	—	—	—
d	en	7	0	51.90	37.00	49.37
d	en	7	1	—	—	—
d	en	10	0	52.98	36.50	50.17
d	en	10	1	—	—	—
d	fr	0	0	35.48	18.25	32.55
d	fr	0	1	—	—	—
d	fr	1	0	45.65	28.25	42.68
d	fr	1	1	—	—	—
d	fr	3	0	48.35	32.00	45.57
d	fr	3	1	—	—	—
d	fr	5	0	49.89	28.50	46.25
d	fr	5	1	—	—	—
d	fr	7	0	51.59	31.75	48.21
d	fr	7	1	—	—	—
d	fr	10	0	52.46	33.25	49.19
d	fr	10	1	—	—	—
e	en	0	0	36.52	17.50	33.28
e	en	0	1	—	—	—
e	en	1	0	42.93	22.25	39.41
e	en	1	1	—	—	—
e	en	3	0	47.64	30.00	44.64
e	en	3	1	—	—	—
e	en	5	0	47.59	32.50	45.02
e	en	5	1	—	—	—
e	en	7	0	49.75	34.50	47.15
e	en	7	1	—	—	—
e	en	10	0	51.13	33.50	48.13
e	en	10	1	—	—	—
e	fr	0	0	36.56	18.25	33.45
e	fr	0	1	—	—	—
e	fr	1	0	44.20	21.75	40.38
e	fr	1	1	—	—	—
e	fr	3	0	48.36	28.50	44.98
e	fr	3	1	—	—	—
e	fr	5	0	48.41	29.50	45.19
e	fr	5	1	—	—	—
e	fr	7	0	50.77	30.50	47.32
e	fr	7	1	—	—	—
e	fr	10	0	51.74	31.75	48.34
e	fr	10	1	—	—	—

Table 23: CM of Qwen14B variants (Hist:1). P=paradigmatic, S=syntagmatic, OA=overall average.

Pr	L	k	Fb	P	S	OA
d	en	0	0	55.34	36.25	52.09
d	en	0	1	58.00	45.75	55.92
d	en	1	0	57.64	35.25	53.83
d	en	1	1	60.00	42.75	57.06
d	en	3	0	58.51	42.25	55.75
d	en	3	1	61.28	45.50	58.59
d	en	5	0	58.36	40.50	55.32
d	en	5	1	60.26	46.50	57.91
d	en	7	0	58.51	43.75	56.00
d	en	7	1	61.39	47.00	58.94
d	en	10	0	58.67	41.75	55.79
d	en	10	1	61.34	48.50	59.15
d	fr	0	0	57.39	37.25	53.96
d	fr	0	1	60.41	40.75	57.06
d	fr	1	0	56.87	36.50	53.40
d	fr	1	1	61.49	42.00	58.17
d	fr	3	0	58.16	39.25	54.94
d	fr	3	1	61.28	43.25	58.21
d	fr	5	0	59.03	39.00	55.62
d	fr	5	1	61.79	44.25	58.81
d	fr	7	0	59.64	40.50	56.38
d	fr	7	1	62.46	43.25	59.19
d	fr	10	0	59.80	41.00	56.60
d	fr	10	1	62.30	46.75	59.66
e	en	0	0	53.13	34.25	49.91
e	en	0	1	55.75	39.25	52.94
e	en	1	0	53.18	34.00	49.91
e	en	1	1	56.57	41.25	53.96
e	en	3	0	54.72	36.75	51.66
e	en	3	1	57.07	42.50	54.59
e	en	5	0	54.46	37.75	51.61
e	en	5	1	58.16	42.00	55.41
e	en	7	0	55.94	38.75	53.02
e	en	7	1	58.98	42.00	56.09
e	en	10	0	56.67	39.00	53.66
e	en	10	1	58.82	42.75	56.08
e	fr	0	0	53.48	34.00	50.17
e	fr	0	1	57.54	39.50	54.47
e	fr	1	0	54.56	35.00	51.23
e	fr	1	1	56.15	40.00	53.40
e	fr	3	0	57.54	33.50	53.44
e	fr	3	1	58.66	43.00	56.00
e	fr	5	0	56.77	36.50	53.32
e	fr	5	1	60.00	41.00	56.77
e	fr	7	0	57.02	34.75	53.23
e	fr	7	1	60.05	41.25	56.85
e	fr	10	0	57.33	35.50	53.62
e	fr	10	1	60.20	41.50	57.02

Table 24: CM of Mistral7B variants (Hist:0). P=paradigmatic, S=syntagmatic, OA=overall average.

Pr	L	k	Fb	P	S	OA
d	en	0	0	24.41	11.0	22.13
d	en	0	1	—	—	—
d	en	1	0	32.05	12.75	28.77
d	en	1	1	—	—	—
d	en	3	0	35.59	11.75	31.53
d	en	3	1	—	—	—
d	en	5	0	37.64	11.75	33.23
d	en	5	1	—	—	—
d	en	7	0	38.52	13.75	34.3
d	en	7	1	—	—	—
d	en	10	0	39.08	15.75	35.11
d	en	10	1	—	—	—
d	fr	0	0	29.89	12.25	26.89
d	fr	0	1	—	—	—
d	fr	1	0	31.75	17.0	29.24
d	fr	1	1	—	—	—
d	fr	3	0	36.26	18.0	33.15
d	fr	3	1	—	—	—
d	fr	5	0	38.46	16.25	34.68
d	fr	5	1	—	—	—
d	fr	7	0	40.21	20.0	36.77
d	fr	7	1	—	—	—
d	fr	10	0	41.03	20.25	37.49
d	fr	10	1	—	—	—
e	en	0	0	18.0	7.25	16.17
e	en	0	1	—	—	—
e	en	1	0	27.59	10.25	24.64
e	en	1	1	—	—	—
e	en	3	0	30.0	11.25	26.81
e	en	3	1	—	—	—
e	en	5	0	32.52	11.25	28.9
e	en	5	1	—	—	—
e	en	7	0	33.79	15.5	30.68
e	en	7	1	—	—	—
e	en	10	0	34.36	16.5	31.32
e	en	10	1	—	—	—
e	fr	0	0	23.23	8.75	20.76
e	fr	0	1	—	—	—
e	fr	1	0	30.66	12.5	27.57
e	fr	1	1	—	—	—
e	fr	3	0	33.23	15.0	30.12
e	fr	3	1	—	—	—
e	fr	5	0	35.7	17.25	32.56
e	fr	5	1	—	—	—
e	fr	7	0	36.98	20.25	34.13
e	fr	7	1	—	—	—
e	fr	10	0	36.87	21.0	34.17
e	fr	10	1	—	—	—

Table 25: CM of Mistral7B variants (Hist:1). P=paradigmatic, S=syntagmatic, OA=overall average.

Pr	L	k	Fb	P	S	OA
d	en	0	0	35.18	17.25	32.13
d	en	0	1	39.7	23.25	36.9
d	en	1	0	42.46	27.25	39.87
d	en	1	1	42.87	27.75	40.3
d	en	3	0	41.9	24.75	38.98
d	en	3	1	43.18	20.75	39.36
d	en	5	0	41.38	28.0	39.11
d	en	5	1	44.88	28.25	42.05
d	en	7	0	40.82	25.75	38.25
d	en	7	1	40.0	26.25	37.66
d	en	10	0	42.66	26.75	39.95
d	en	10	1	45.38	31.75	43.06
d	fr	0	0	36.16	8.5	31.45
d	fr	0	1	36.56	20.0	33.74
d	fr	1	0	42.41	10.5	36.98
d	fr	1	1	43.54	13.5	38.42
d	fr	3	0	40.52	30.5	38.81
d	fr	3	1	44.26	38.75	43.32
d	fr	5	0	42.67	28.5	40.26
d	fr	5	1	43.95	31.5	41.83
d	fr	7	0	41.85	30.5	39.92
d	fr	7	1	43.08	31.75	41.15
d	fr	10	0	47.54	29.0	44.38
d	fr	10	1	46.1	39.25	44.94
e	en	0	0	17.43	4.0	15.15
e	en	0	1	19.7	16.25	19.11
e	en	1	0	20.88	10.0	19.02
e	en	1	1	30.52	18.5	28.47
e	en	3	0	20.72	13.0	19.41
e	en	3	1	30.41	20.0	28.64
e	en	5	0	22.87	12.25	21.06
e	en	5	1	30.57	18.75	28.56
e	en	7	0	23.29	11.5	21.28
e	en	7	1	29.59	18.75	27.75
e	en	10	0	26.61	14.75	24.59
e	en	10	1	34.56	18.5	31.83
e	fr	0	0	22.62	12.0	20.81
e	fr	0	1	25.33	23.0	24.93
e	fr	1	0	33.07	10.0	29.15
e	fr	1	1	33.18	11.5	29.49
e	fr	3	0	31.13	20.5	29.32
e	fr	3	1	30.51	21.25	28.94
e	fr	5	0	30.82	16.75	28.43
e	fr	5	1	33.29	26.75	32.17
e	fr	7	0	32.1	24.75	30.85
e	fr	7	1	32.16	28.5	31.53
e	fr	10	0	30.92	23.5	29.66
e	fr	10	1	32.2	29.0	31.66

Table 26: SM of ChatGPT-4o mini variants (Hist:0).
P=paradigmatic, S=syntagmatic, OA=overall average

Pr	L	k	Fb	P	S	OA
d	en	0	0	37.65	19.00	34.47
d	en	0	1	—	—	—
d	en	1	0	44.26	21.00	40.30
d	en	1	1	—	—	—
d	en	3	0	47.18	23.50	43.15
d	en	3	1	—	—	—
d	en	5	0	48.87	26.00	44.98
d	en	5	1	—	—	—
d	en	7	0	49.08	29.50	45.75
d	en	7	1	—	—	—
d	en	10	0	50.72	30.50	47.27
d	en	10	1	—	—	—
d	fr	0	0	38.16	18.00	34.73
d	fr	0	1	—	—	—
d	fr	1	0	45.03	19.00	40.60
d	fr	1	1	—	—	—
d	fr	3	0	48.46	24.75	44.42
d	fr	3	1	—	—	—
d	fr	5	0	50.00	26.25	45.96
d	fr	5	1	—	—	—
d	fr	7	0	51.38	27.50	47.32
d	fr	7	1	—	—	—
d	fr	10	0	52.77	30.25	48.94
d	fr	10	1	—	—	—
e	en	0	0	38.30	15.75	34.46
e	en	0	1	—	—	—
e	en	1	0	43.69	23.00	40.17
e	en	1	1	—	—	—
e	en	3	0	45.80	25.50	42.34
e	en	3	1	—	—	—
e	en	5	0	46.77	26.50	43.32
e	en	5	1	—	—	—
e	en	7	0	47.69	27.00	44.17
e	en	7	1	—	—	—
e	en	10	0	47.85	28.25	44.51
e	en	10	1	—	—	—
e	fr	0	0	39.08	14.50	34.90
e	fr	0	1	—	—	—
e	fr	1	0	45.12	19.75	40.81
e	fr	1	1	—	—	—
e	fr	3	0	47.49	23.00	43.32
e	fr	3	1	—	—	—
e	fr	5	0	48.41	24.00	44.25
e	fr	5	1	—	—	—
e	fr	7	0	49.59	27.25	45.79
e	fr	7	1	—	—	—
e	fr	10	0	49.13	28.75	45.66
e	fr	10	1	—	—	—

Table 27: SM of ChatGPT-4o mini variants (Hist:1).
P=paradigmatic, S=syntagmatic, OA=overall average

Pr	L	k	Fb	P	S	OA
d	en	0	0	48.72	26.00	44.85
d	en	0	1	53.03	33.25	49.66
d	en	1	0	50.31	25.25	46.05
d	en	1	1	53.74	35.50	50.64
d	en	3	0	50.56	25.25	46.25
d	en	3	1	54.36	34.50	50.98
d	en	5	0	52.30	28.75	48.29
d	en	5	1	54.92	33.25	51.23
d	en	7	0	51.13	25.50	46.77
d	en	7	1	54.98	34.50	51.49
d	en	10	0	50.10	26.25	46.04
d	en	10	1	54.67	36.75	51.62
d	fr	0	0	49.23	23.75	44.89
d	fr	0	1	53.08	29.00	48.98
d	fr	1	0	50.20	24.75	45.87
d	fr	1	1	53.75	30.50	49.79
d	fr	3	0	50.92	25.00	46.51
d	fr	3	1	54.51	31.00	50.51
d	fr	5	0	50.46	23.00	45.79
d	fr	5	1	54.41	32.25	50.64
d	fr	7	0	51.13	24.50	46.60
d	fr	7	1	53.85	31.75	50.08
d	fr	10	0	50.46	27.50	46.55
d	fr	10	1	54.00	34.25	50.64
e	en	0	0	49.23	24.00	44.94
e	en	0	1	52.05	32.25	48.68
e	en	1	0	50.36	23.75	45.83
e	en	1	1	52.87	32.75	49.44
e	en	3	0	50.30	23.50	45.74
e	en	3	1	54.30	32.75	50.63
e	en	5	0	51.54	22.25	46.56
e	en	5	1	54.05	30.00	49.96
e	en	7	0	51.44	22.75	46.55
e	en	7	1	54.05	34.00	50.64
e	en	10	0	51.54	24.75	46.98
e	en	10	1	55.23	32.75	51.40
e	fr	0	0	50.15	22.75	45.49
e	fr	0	1	52.72	32.50	49.28
e	fr	1	0	50.15	21.75	45.32
e	fr	1	1	52.72	32.50	49.28
e	fr	3	0	50.67	22.00	45.79
e	fr	3	1	53.08	29.75	49.11
e	fr	5	0	50.46	23.75	45.92
e	fr	5	1	53.90	29.00	49.66
e	fr	7	0	52.25	25.50	47.70
e	fr	7	1	53.75	29.75	49.66
e	fr	10	0	51.23	24.75	46.72
e	fr	10	1	54.21	30.25	50.13

Table 28: SM of Llama3.0-8B versions (Hist:0). P=paradigmatic, S=syntagmatic, OA=overall average

Pr	L	k	Fb	P	S	OA
d	en	0	0	14.26	10.50	13.62
d	en	0	1	—	—	—
d	en	1	0	20.36	14.50	19.36
d	en	1	1	—	—	—
d	en	3	0	22.51	12.00	20.72
d	en	3	1	—	—	—
d	en	5	0	23.08	12.00	21.19
d	en	5	1	—	—	—
d	en	7	0	24.36	14.50	22.68
d	en	7	1	—	—	—
d	en	10	0	24.62	14.75	22.94
d	en	10	1	—	—	—
d	fr	0	0	12.57	8.50	11.87
d	fr	0	1	—	—	—
d	fr	1	0	28.67	15.75	26.47
d	fr	1	1	—	—	—
d	fr	3	0	31.90	17.75	29.49
d	fr	3	1	—	—	—
d	fr	5	0	32.93	18.00	30.39
d	fr	5	1	—	—	—
d	fr	7	0	36.25	21.75	33.79
d	fr	7	1	—	—	—
d	fr	10	0	36.87	26.00	35.02
d	fr	10	1	—	—	—
e	en	0	0	12.66	9.00	12.04
e	en	0	1	—	—	—
e	en	1	0	23.23	13.75	21.62
e	en	1	1	—	—	—
e	en	3	0	22.21	10.50	20.21
e	en	3	1	—	—	—
e	en	5	0	22.92	10.75	20.85
e	en	5	1	—	—	—
e	en	7	0	25.39	11.50	23.02
e	en	7	1	—	—	—
e	en	10	0	25.59	13.25	23.49
e	en	10	1	—	—	—
e	fr	0	0	11.03	12.00	11.19
e	fr	0	1	—	—	—
e	fr	1	0	26.92	16.00	25.06
e	fr	1	1	—	—	—
e	fr	3	0	30.41	19.25	28.51
e	fr	3	1	—	—	—
e	fr	5	0	30.51	21.50	28.98
e	fr	5	1	—	—	—
e	fr	7	0	32.92	22.75	31.19
e	fr	7	1	—	—	—
e	fr	10	0	33.34	26.75	32.21
e	fr	10	1	—	—	—

Table 29: SM of Llama3.0-8B versions (Hist:1). P=paradigmatic, S=syntagmatic, OA=overall average.

Pr	L	k	Fb	P	S	OA
d	en	0	0	43.28	18.75	39.11
d	en	0	1	47.13	23.25	43.07
d	en	1	0	45.95	34.00	43.91
d	en	1	1	48.21	34.75	45.92
d	en	3	0	46.52	32.00	44.04
d	en	3	1	48.00	36.50	46.04
d	en	5	0	47.64	25.25	43.83
d	en	5	1	48.15	32.50	45.49
d	en	7	0	49.02	32.75	46.25
d	en	7	1	48.62	34.00	46.13
d	en	10	0	49.64	25.25	45.49
d	en	10	1	49.03	40.75	47.62
d	fr	0	0	43.79	19.00	39.57
d	fr	0	1	40.98	25.25	38.30
d	fr	1	0	48.97	30.75	45.87
d	fr	1	1	48.72	31.75	45.83
d	fr	3	0	44.62	28.25	41.83
d	fr	3	1	47.28	32.25	44.72
d	fr	5	0	44.72	32.75	42.68
d	fr	5	1	51.90	34.00	48.85
d	fr	7	0	51.02	35.75	48.42
d	fr	7	1	53.13	33.50	49.79
d	fr	10	0	53.70	39.00	51.19
d	fr	10	1	47.89	35.50	45.78
e	en	0	0	40.82	24.75	38.08
e	en	0	1	44.51	15.00	39.49
e	en	1	0	40.46	23.75	37.61
e	en	1	1	44.46	28.25	41.70
e	en	3	0	43.59	13.00	38.38
e	en	3	1	45.13	16.75	40.30
e	en	5	0	46.31	14.75	40.94
e	en	5	1	45.54	28.75	42.68
e	en	7	0	46.57	13.00	40.85
e	en	7	1	43.80	30.00	41.45
e	en	10	0	47.84	27.50	44.38
e	en	10	1	47.38	16.25	42.08
e	fr	0	0	37.03	25.00	34.98
e	fr	0	1	38.05	26.00	36.00
e	fr	1	0	44.67	27.50	41.74
e	fr	1	1	39.13	26.25	36.94
e	fr	3	0	46.46	28.25	43.36
e	fr	3	1	39.03	27.75	37.11
e	fr	5	0	46.41	30.00	43.61
e	fr	5	1	41.23	30.25	39.36
e	fr	7	0	48.36	30.25	45.28
e	fr	7	1	42.36	28.00	39.92
e	fr	10	0	49.23	30.25	46.00
e	fr	10	1	42.00	29.50	39.88

Table 30: SM of Llama3.1-8B versions (Hist:0). P=paradigmatic, S=syntagmatic, OA=overall average.

Pr	L	k	Fb	P	S	OA
d	en	0	0	6.66	4.75	6.34
d	en	0	1	—	—	—
d	en	1	0	15.75	6.25	14.13
d	en	1	1	—	—	—
d	en	3	0	20.36	8.50	18.34
d	en	3	1	—	—	—
d	en	5	0	22.46	8.50	20.09
d	en	5	1	—	—	—
d	en	7	0	23.08	8.50	20.60
d	en	7	1	—	—	—
d	en	10	0	27.49	10.25	24.55
d	en	10	1	—	—	—
d	fr	0	0	15.54	9.50	14.51
d	fr	0	1	—	—	—
d	fr	1	0	29.89	13.75	27.15
d	fr	1	1	—	—	—
d	fr	3	0	33.38	16.00	30.42
d	fr	3	1	—	—	—
d	fr	5	0	36.05	17.25	32.85
d	fr	5	1	—	—	—
d	fr	7	0	40.05	22.50	37.06
d	fr	7	1	—	—	—
d	fr	10	0	37.80	23.00	35.28
d	fr	10	1	—	—	—
e	en	0	0	7.29	1.50	6.30
e	en	0	1	—	—	—
e	en	1	0	15.90	5.25	14.09
e	en	1	1	—	—	—
e	en	3	0	17.03	7.50	15.41
e	en	3	1	—	—	—
e	en	5	0	18.87	8.00	17.02
e	en	5	1	—	—	—
e	en	7	0	17.49	9.75	16.17
e	en	7	1	—	—	—
e	en	10	0	17.08	8.50	15.62
e	en	10	1	—	—	—
e	fr	0	0	14.97	6.25	13.49
e	fr	0	1	—	—	—
e	fr	1	0	28.00	15.25	25.83
e	fr	1	1	—	—	—
e	fr	3	0	32.26	14.75	29.28
e	fr	3	1	—	—	—
e	fr	5	0	33.90	20.50	31.62
e	fr	5	1	—	—	—
e	fr	7	0	35.39	22.00	33.11
e	fr	7	1	—	—	—
e	fr	10	0	36.10	23.25	33.91
e	fr	10	1	—	—	—

Table 31: SM of Llama3.1-8B versions (Hist:1). P=paradigmatic, S=syntagmatic, OA=overall average.

Pr	L	k	Fb	P	S	OA
d	en	0	0	43.54	30.50	41.32
d	en	0	1	48.72	33.50	46.13
d	en	1	0	48.57	30.50	45.49
d	en	1	1	49.65	34.25	47.03
d	en	3	0	50.41	29.00	46.76
d	en	3	1	50.67	38.25	48.56
d	en	5	0	50.87	33.50	47.92
d	en	5	1	51.33	36.00	48.72
d	en	7	0	50.61	35.50	48.04
d	en	7	1	53.13	40.25	50.94
d	en	10	0	51.59	35.50	48.85
d	en	10	1	54.31	38.75	51.66
d	fr	0	0	48.61	31.25	45.66
d	fr	0	1	49.33	37.50	47.32
d	fr	1	0	48.51	30.00	45.36
d	fr	1	1	50.56	37.00	48.25
d	fr	3	0	52.21	32.25	48.81
d	fr	3	1	50.10	33.25	47.23
d	fr	5	0	49.13	35.75	46.85
d	fr	5	1	54.52	39.50	51.96
d	fr	7	0	53.38	34.50	50.17
d	fr	7	1	51.39	39.50	49.36
d	fr	10	0	52.20	23.50	47.32
d	fr	10	1	53.02	41.25	51.02
e	en	0	0	44.41	21.25	40.47
e	en	0	1	46.25	30.50	43.57
e	en	1	0	44.41	19.75	40.21
e	en	1	1	47.54	27.50	44.13
e	en	3	0	45.18	23.50	41.49
e	en	3	1	47.03	30.00	44.13
e	en	5	0	46.41	26.25	42.98
e	en	5	1	48.97	33.50	46.34
e	en	7	0	47.85	26.75	44.26
e	en	7	1	50.05	31.75	46.93
e	en	10	0	48.71	28.00	45.19
e	en	10	1	50.26	30.25	46.85
e	fr	0	0	39.43	27.25	37.36
e	fr	0	1	47.34	32.25	44.77
e	fr	1	0	46.41	26.00	42.94
e	fr	1	1	50.00	31.50	46.85
e	fr	3	0	49.85	26.00	45.79
e	fr	3	1	50.46	31.75	47.27
e	fr	5	0	50.10	29.25	46.55
e	fr	5	1	52.56	33.75	49.36
e	fr	7	0	52.16	29.50	48.30
e	fr	7	1	53.90	34.25	50.55
e	fr	10	0	51.53	32.50	48.29
e	fr	10	1	53.18	37.00	50.43

Table 32: SM of Qwen14B variants (Hist:0). P=paradigmatic, S=syntagmatic, OA=overall average.

Pr	L	k	Fb	P	S	OA
d	en	0	0	32.88	21.75	30.98
d	en	0	1	—	—	—
d	en	1	0	41.13	25.50	38.47
d	en	1	1	—	—	—
d	en	3	0	46.36	30.50	43.66
d	en	3	1	—	—	—
d	en	5	0	47.74	31.50	44.98
d	en	5	1	—	—	—
d	en	7	0	48.61	35.25	46.34
d	en	7	1	—	—	—
d	en	10	0	49.54	35.50	47.15
d	en	10	1	—	—	—
d	fr	0	0	31.85	17.25	29.36
d	fr	0	1	—	—	—
d	fr	1	0	41.59	26.25	38.98
d	fr	1	1	—	—	—
d	fr	3	0	45.49	31.00	43.02
d	fr	3	1	—	—	—
d	fr	5	0	46.76	27.25	43.44
d	fr	5	1	—	—	—
d	fr	7	0	48.05	30.75	45.10
d	fr	7	1	—	—	—
d	fr	10	0	48.56	31.75	45.70
d	fr	10	1	—	—	—
e	en	0	0	33.08	16.25	30.21
e	en	0	1	—	—	—
e	en	1	0	39.54	20.50	36.30
e	en	1	1	—	—	—
e	en	3	0	44.00	28.25	41.32
e	en	3	1	—	—	—
e	en	5	0	44.11	29.00	41.54
e	en	5	1	—	—	—
e	en	7	0	46.20	32.50	43.87
e	en	7	1	—	—	—
e	en	10	0	47.75	31.75	45.02
e	en	10	1	—	—	—
e	fr	0	0	33.23	17.00	30.47
e	fr	0	1	—	—	—
e	fr	1	0	40.52	20.50	37.11
e	fr	1	1	—	—	—
e	fr	3	0	45.12	27.00	42.04
e	fr	3	1	—	—	—
e	fr	5	0	45.38	27.00	42.25
e	fr	5	1	—	—	—
e	fr	7	0	47.29	28.25	44.05
e	fr	7	1	—	—	—
e	fr	10	0	48.00	29.50	44.85
e	fr	10	1	—	—	—

Table 33: SM of Qwen14B variants (Hist:1). P=paradigmatic, S=syntagmatic, OA=overall average.

Pr	L	k	Fb	P	S	OA
d	en	0	0	50.46	33.50	47.57
d	en	0	1	51.64	41.25	49.87
d	en	1	0	48.67	31.75	45.79
d	en	1	1	54.92	38.25	52.09
d	en	3	0	53.80	38.00	51.11
d	en	3	1	55.49	43.00	53.36
d	en	5	0	53.90	36.50	50.94
d	en	5	1	56.72	41.00	54.04
d	en	7	0	52.57	39.00	50.26
d	en	7	1	57.69	42.75	55.15
d	en	10	0	54.00	38.00	51.28
d	en	10	1	55.85	43.75	53.79
d	fr	0	0	47.64	34.50	45.41
d	fr	0	1	55.33	38.25	52.43
d	fr	1	0	50.87	34.00	48.00
d	fr	1	1	56.25	38.25	53.19
d	fr	3	0	53.95	35.25	50.76
d	fr	3	1	56.41	40.25	53.66
d	fr	5	0	55.65	33.75	51.92
d	fr	5	1	56.93	39.75	54.00
d	fr	7	0	55.90	35.50	52.43
d	fr	7	1	57.59	39.25	54.47
d	fr	10	0	56.15	35.50	52.64
d	fr	10	1	57.90	41.50	55.11
e	en	0	0	48.46	31.50	45.58
e	en	0	1	50.77	34.50	48.00
e	en	1	0	47.18	31.50	44.51
e	en	1	1	51.94	35.25	49.10
e	en	3	0	48.25	31.50	45.40
e	en	3	1	52.46	37.25	49.87
e	en	5	0	48.31	33.00	45.70
e	en	5	1	52.31	37.25	49.75
e	en	7	0	49.33	33.00	46.55
e	en	7	1	54.31	36.25	51.23
e	en	10	0	50.41	33.00	47.45
e	en	10	1	54.21	38.00	51.45
e	fr	0	0	48.92	31.75	46.00
e	fr	0	1	52.82	35.25	49.83
e	fr	1	0	50.72	30.75	47.32
e	fr	1	1	52.61	35.50	49.70
e	fr	3	0	54.31	30.00	50.17
e	fr	3	1	54.25	37.75	51.45
e	fr	5	0	50.62	32.75	47.58
e	fr	5	1	52.41	37.25	49.83
e	fr	7	0	52.82	31.25	49.15
e	fr	7	1	55.80	38.75	52.90
e	fr	10	0	53.03	33.00	49.62
e	fr	10	1	54.62	37.25	51.66

Table 34: SM of Mistral7B variants (Hist:0). P=paradigmatic, S=syntagmatic, OA=overall average.

Pr	L	k	Fb	P	S	OA
d	en	0	0	10.87	9.0	10.55
d	en	0	1	—	—	—
d	en	1	0	16.92	10.25	15.78
d	en	1	1	—	—	—
d	en	3	0	21.54	8.75	19.36
d	en	3	1	—	—	—
d	en	5	0	22.92	10.0	20.72
d	en	5	1	—	—	—
d	en	7	0	24.21	10.75	21.92
d	en	7	1	—	—	—
d	en	10	0	26.16	11.5	23.66
d	en	10	1	—	—	—
d	fr	0	0	18.57	8.25	16.81
d	fr	0	1	—	—	—
d	fr	1	0	26.3	13.5	24.12
d	fr	1	1	—	—	—
d	fr	3	0	30.11	14.25	27.41
d	fr	3	1	—	—	—
d	fr	5	0	33.13	13.5	29.79
d	fr	5	1	—	—	—
d	fr	7	0	34.61	15.75	31.4
d	fr	7	1	—	—	—
d	fr	10	0	35.74	17.25	32.59
d	fr	10	1	—	—	—
e	en	0	0	10.3	7.25	9.78
e	en	0	1	—	—	—
e	en	1	0	19.39	9.0	17.62
e	en	1	1	—	—	—
e	en	3	0	20.36	9.25	18.47
e	en	3	1	—	—	—
e	en	5	0	22.56	9.75	20.38
e	en	5	1	—	—	—
e	en	7	0	23.08	14.0	21.54
e	en	7	1	—	—	—
e	en	10	0	25.03	13.75	23.11
e	en	10	1	—	—	—
e	fr	0	0	16.72	8.5	15.32
e	fr	0	1	—	—	—
e	fr	1	0	24.77	11.0	22.43
e	fr	1	1	—	—	—
e	fr	3	0	27.64	13.25	25.19
e	fr	3	1	—	—	—
e	fr	5	0	30.93	15.25	28.26
e	fr	5	1	—	—	—
e	fr	7	0	32.26	18.0	29.83
e	fr	7	1	—	—	—
e	fr	10	0	32.61	17.5	30.04
e	fr	10	1	—	—	—

Table 35: SM of Mistral7B variants (Hist:1). P=paradigmatic, S=syntagmatic, OA=overall average.

Pr	L	k	Fb	P	S	OA
d	en	0	0	6.62	7.0	6.68
d	en	0	1	7.07	7.75	7.19
d	en	1	0	20.36	7.75	18.21
d	en	1	1	20.72	6.5	18.3
d	en	3	0	13.64	19.75	14.68
d	en	3	1	13.13	22.5	14.73
d	en	5	0	16.21	21.25	17.07
d	en	5	1	21.44	20.0	21.19
d	en	7	0	17.38	16.5	17.23
d	en	7	1	17.07	9.5	15.78
d	en	10	0	20.41	18.25	20.05
d	en	10	1	26.25	17.25	24.72
d	fr	0	0	21.28	7.75	18.98
d	fr	0	1	21.23	16.0	20.34
d	fr	1	0	26.41	17.25	24.85
d	fr	1	1	27.59	14.0	25.28
d	fr	3	0	25.13	9.5	22.47
d	fr	3	1	26.0	20.0	24.98
d	fr	5	0	33.54	18.0	30.89
d	fr	5	1	31.29	18.5	29.11
d	fr	7	0	34.46	11.25	30.51
d	fr	7	1	31.89	19.0	29.7
d	fr	10	0	38.0	20.75	35.06
d	fr	10	1	34.16	36.25	34.51
e	en	0	0	8.1	6.75	7.87
e	en	0	1	10.41	6.25	9.7
e	en	1	0	17.9	8.5	16.3
e	en	1	1	21.33	10.5	19.49
e	en	3	0	13.02	11.75	12.81
e	en	3	1	14.26	16.5	14.64
e	en	5	0	13.18	11.5	12.9
e	en	5	1	16.2	13.25	15.7
e	en	7	0	14.0	7.75	12.93
e	en	7	1	15.23	13.75	14.98
e	en	10	0	21.38	10.5	19.53
e	en	10	1	22.71	12.25	20.93
e	fr	0	0	8.67	11.25	9.11
e	fr	0	1	14.36	13.0	14.13
e	fr	1	0	27.23	5.75	23.58
e	fr	1	1	27.59	8.5	24.34
e	fr	3	0	18.56	16.75	18.26
e	fr	3	1	17.74	15.75	17.4
e	fr	5	0	21.02	11.25	19.36
e	fr	5	1	21.38	16.5	20.55
e	fr	7	0	24.83	13.75	22.94
e	fr	7	1	23.64	18.0	22.68
e	fr	10	0	20.61	11.75	19.1
e	fr	10	1	20.87	15.75	20.0