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# Computation and Language
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 * [ Thu, 6 Feb 2025 ](/list/cs.CL/recent?skip=64&show=50)
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 * [ Tue, 4 Feb 2025 ](/list/cs.CL/recent?skip=204&show=50)
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Fri, 7 Feb 2025 (showing first 50 of 64 entries)

[1] [arXiv:2502.04324](/abs/2502.04324 "Abstract") [[pdf](/pdf/2502.04324 "Download PDF"), [other](/format/2502.04324 "Other formats")]

Title: Can Grammarly and ChatGPT accelerate language change? Al-powered technologies and their impact on the English language: wordiness vs. conciseness

[Karolina

Rudnicka](https://arxiv.org/search/cs?searchtype=author&query=Rudnicka,+K)

Comments: 10 pages, article

Journal-ref: Procesamiento del Lenguaje Natural, 2023, pp. 205-214

Subjects: Computation and Language (cs.CL); Computers and Society (cs.CY)

[2] [arXiv:2502.04321](/abs/2502.04321 "Abstract") [[pdf](/pdf/2502.04321

"Download PDF"), [other](/format/2502.04321 "Other formats")]
Title: Variation of sentence length across time and genre
[Karolina Rudnicka](https://arxiv.org/search/cs?searchtype=author&query=Rudnicka,+K)
Comments: 20 pages
Journal-ref: 2018, Chapter in Studies in Corpus Linguistics 85, 220-240. Amsterdam & Philadelphia: John Benjamins
Subjects: Computation and Language (cs.CL)
[3] [arXiv:2502.04315](/abs/2502.04315 "Abstract") [[pdf](/pdf/2502.04315 "Download PDF"), [html](https://arxiv.org/html/2502.04315v1 "View HTML"), [other](/format/2502.04315 "Other formats")]
Title: ChamaleonLLM: Batch-Aware Dynamic Low-Rank Adaptation via Inference- Time Clusters
[Kamer Ali Yuksel](https://arxiv.org/search/cs?searchtype=author&query=Yuksel,+K+A),

```
[Hassan Sawaf](https://arxiv.org/search/cs?searchtype=author&guery=Sawaf,+H)
```

Subjects: Computation and Language (cs.CL); Artificial Intelligence (cs.AI); Machine Learning (cs.LG)

[4] [arXiv:2502.04314](/abs/2502.04314 "Abstract") [[pdf](/pdf/2502.04314 "Download PDF"), [html](https://arxiv.org/html/2502.04314v1 "View HTML"), [other](/format/2502.04314 "Other formats")]

Title: BOUQuET: dataset, Benchmark and Open initiative for Universal Quality Evaluation in Translation

The [Omnilingual MT

Team](https://arxiv.org/search/cs?searchtype=author&query=Omnilingual+MT+Team),

[Pierre

Andrews](https://arxiv.org/search/cs?searchtype=author&query=Andrews,+P),

[Mikel

Artetxe](https://arxiv.org/search/cs?searchtype=author&query=Artetxe,+M),

[Mariano Coria

Meglioli](https://arxiv.org/search/cs?searchtype=author&query=Meglioli,+M+C),

[Marta R. Costa-

jussà](https://arxiv.org/search/cs?searchtype=author&query=Costa-

juss%C3%A0,+M+R), [Joe

Chuang](https://arxiv.org/search/cs?searchtype=author&query=Chuang,+J), [David

Dale](https://arxiv.org/search/cs?searchtype=author&query=Dale,+D), [Cynthia

Gao](https://arxiv.org/search/cs?searchtype=author&query=Gao,+C), [Jean

Maillard](https://arxiv.org/search/cs?searchtype=author&query=Maillard,+J),

[Alex

Mourachko](https://arxiv.org/search/cs?searchtype=author&query=Mourachko,+A),

[Christophe

Ropers](https://arxiv.org/search/cs?searchtype=author&query=Ropers,+C),

[Safiyyah

Saleem](https://arxiv.org/search/cs?searchtype=author&query=Saleem,+S),

[Eduardo

Sánchez](https://arxiv.org/search/cs?searchtype=author&query=S%C3%A1nchez,+E),

[loannis

Tsiamas](https://arxiv.org/search/cs?searchtype=author&query=Tsiamas,+I),

[Arina

Turkatenko](https://arxiv.org/search/cs?searchtype=author&query=Turkatenko,+A),

[Albert Ventayol-

Boada](https://arxiv.org/search/cs?searchtype=author&query=Ventayol-Boada,+A),

[Shireen Yates](https://arxiv.org/search/cs?searchtype=author&query=Yates,+S)

Subjects: Computation and Language (cs.CL)

[5] [arXiv:2502.04306](/abs/2502.04306 "Abstract") [[pdf](/pdf/2502.04306

"Download PDF"), [other](/format/2502.04306 "Other formats")]

Title: ScoreFlow: Mastering LLM Agent Workflows via Score-based Preference

Optimization

[Yinjie Wang](https://arxiv.org/search/cs?searchtype=author&query=Wang,+Y),
[Ling Yang](https://arxiv.org/search/cs?searchtype=author&query=Yang,+L),
[Guohao Li](https://arxiv.org/search/cs?searchtype=author&query=Li,+G),
[Mengdi Wang](https://arxiv.org/search/cs?searchtype=author&query=Wang,+M),
[Bryon Aragam](https://arxiv.org/search/cs?searchtype=author&query=Aragam,+B)

Comments: Project: [this https URL](https://github.com/Gen-Verse/ScoreFlow)

Subjects: Computation and Language (cs.CL)

[6] [arXiv:2502.04295](/abs/2502.04295 "Abstract") [[pdf](/pdf/2502.04295 "Download PDF"), [html](https://arxiv.org/html/2502.04295v1 "View HTML"), [other](/format/2502.04295 "Other formats")]

Title: Beyond Prompt Content: Enhancing LLM Performance via Content-Format Integrated Prompt Optimization

[Yuanye Liu](https://arxiv.org/search/cs?searchtype=author&query=Liu,+Y),
[Jiahang Xu](https://arxiv.org/search/cs?searchtype=author&query=Xu,+J), [Li
Lyna Zhang](https://arxiv.org/search/cs?searchtype=author&query=Zhang,+L+L),
[Qi Chen](https://arxiv.org/search/cs?searchtype=author&query=Chen,+Q), [Xuan
Feng](https://arxiv.org/search/cs?searchtype=author&query=Feng,+X), [Yang
Chen](https://arxiv.org/search/cs?searchtype=author&query=Chen,+Y), [Zhongxin
Guo](https://arxiv.org/search/cs?searchtype=author&query=Guo,+Z), [Yuqing

Yang](https://arxiv.org/search/cs?searchtype=author&query=Yang,+Y), [Cheng

Peng](https://arxiv.org/search/cs?searchtype=author&query=Peng,+C)

Subjects: Computation and Language (cs.CL)

[7] [arXiv:2502.04286](/abs/2502.04286 "Abstract") [[pdf](/pdf/2502.04286 "Download PDF"), [other](/format/2502.04286 "Other formats")]

Title: A Methodology for Studying Linguistic and Cultural Change in China, 1900-1950

[Spencer Dean

Stewart](https://arxiv.org/search/cs?searchtype=author&query=Stewart,+S+D)

Comments: 14 pages, 4 figures

Journal-ref: CHR 2024: Computational Humanities Research Conference

Subjects: Computation and Language (cs.CL)

[8] [arXiv:2502.04269](/abs/2502.04269 "Abstract") [[pdf](/pdf/2502.04269 "Download PDF"), [html](https://arxiv.org/html/2502.04269v1 "View HTML"), [other](/format/2502.04269 "Other formats")]

Title: How does a Multilingual LM Handle Multiple Languages?

[Santhosh

Kakarla](https://arxiv.org/search/cs?searchtype=author&query=Kakarla,+S),

[Gautama Shastry Bulusu

Venkata](https://arxiv.org/search/cs?searchtype=author&query=Venkata,+G+S+B),

[Aishwarya

Gaddam](https://arxiv.org/search/cs?searchtype=author&query=Gaddam,+A)

Comments: 10 pages, 8 figures

Subjects: Computation and Language (cs.CL); Artificial Intelligence (cs.Al)

[9] [arXiv:2502.04245](/abs/2502.04245 "Abstract") [[pdf](/pdf/2502.04245 "Download PDF"), [other](/format/2502.04245 "Other formats")]

Title: TriNER: A Series of Named Entity Recognition Models For Hindi, Bengali & Marathi

[Mohammed Amaan

Dhamaskar](https://arxiv.org/search/cs?searchtype=author&query=Dhamaskar,+M+A),

[Rasika

Ransing](https://arxiv.org/search/cs?searchtype=author&query=Ransing,+R)

Subjects: Computation and Language (cs.CL); Artificial Intelligence (cs.AI); Machine Learning (cs.LG)

[10] [arXiv:2502.04235](/abs/2502.04235 "Abstract") [[pdf](/pdf/2502.04235 "Download PDF"), [html](https://arxiv.org/html/2502.04235v1 "View HTML"), [other](/format/2502.04235 "Other formats")]

Title: MAGA: MAssive Genre-Audience Reformulation to Pretraining Corpus Expansion

[Xintong Hao](https://arxiv.org/search/cs?searchtype=author&query=Hao,+X), [Ke Shen](https://arxiv.org/search/cs?searchtype=author&query=Shen,+K), [Chenggang Li](https://arxiv.org/search/cs?searchtype=author&query=Li,+C)

Comments: Dataset released url [this https

URL](https://huggingface.co/datasets/bytedance-research/MAGACorpus)

Subjects: Computation and Language (cs.CL)

[11] [arXiv:2502.04234](/abs/2502.04234 "Abstract") [[pdf](/pdf/2502.04234 "Download PDF"), [html](https://arxiv.org/html/2502.04234v1 "View HTML"), [other](/format/2502.04234 "Other formats")]

Title: A Classification System Approach in Predicting Chinese Censorship

[Matt

Prodani](https://arxiv.org/search/cs?searchtype=author&query=Prodani,+M),

[Tianchu Ze](https://arxiv.org/search/cs?searchtype=author&query=Ze,+T),

[Yushen Hu](https://arxiv.org/search/cs?searchtype=author&query=Hu,+Y)

Subjects: Computation and Language (cs.CL); Machine Learning (cs.LG); Social and Information Networks (cs.SI)

[12] [arXiv:2502.04218](/abs/2502.04218 "Abstract") [[pdf](/pdf/2502.04218 "Download PDF"), [html](https://arxiv.org/html/2502.04218v1 "View HTML"), [other](/format/2502.04218 "Other formats")]

Title: Sports and Women's Sports: Gender Bias in Text Generation with Olympic Data

[Laura

Biester](https://arxiv.org/search/cs?searchtype=author&query=Biester,+L)

Comments: NAACL 2025

Subjects: Computation and Language (cs.CL)

[13] [arXiv:2502.04194](/abs/2502.04194 "Abstract") [[pdf](/pdf/2502.04194

"Download PDF"), [html](https://arxiv.org/html/2502.04194v1 "View HTML"), [other](/format/2502.04194 "Other formats")] Title: The Best Instruction-Tuning Data are Those That Fit [Dylan Zhang](https://arxiv.org/search/cs?searchtype=author&query=Zhang,+D), [Qirun Dai](https://arxiv.org/search/cs?searchtype=author&query=Dai,+Q), [Hao Peng](https://arxiv.org/search/cs?searchtype=author&query=Peng,+H) Subjects: Computation and Language (cs.CL); Artificial Intelligence (cs.AI); Machine Learning (cs.LG) [14] [arXiv:2502.04173](/abs/2502.04173 "Abstract") [[pdf](/pdf/2502.04173 "Download PDF"), [html](https://arxiv.org/html/2502.04173v1 "View HTML"), [other](/format/2502.04173 "Other formats")] Title: Lexical Substitution is not Synonym Substitution: On the Importance of Producing Contextually Relevant Word Substitutes [Juraj Vladika](https://arxiv.org/search/cs?searchtype=author&query=Vladika,+J), [Stephen

Meisenbacher](https://arxiv.org/search/cs?searchtype=author&query=Meisenbacher,+S),

[Florian

Matthes](https://arxiv.org/search/cs?searchtype=author&query=Matthes,+F)

Comments: Accepted to ICAART 2025

Subjects: Computation and Language (cs.CL)

[15] [arXiv:2502.04153](/abs/2502.04153 "Abstract") [[pdf](/pdf/2502.04153 "Download PDF"), [other](/format/2502.04153 "Other formats")]

Title: UltraIF: Advancing Instruction Following from the Wild

[Kaikai An](https://arxiv.org/search/cs?searchtype=author&query=An,+K), [Li Sheng](https://arxiv.org/search/cs?searchtype=author&query=Sheng,+L), [Ganqu Cui](https://arxiv.org/search/cs?searchtype=author&query=Cui,+G), [Shuzheng Si](https://arxiv.org/search/cs?searchtype=author&query=Si,+S), [Ning Ding](https://arxiv.org/search/cs?searchtype=author&query=Ding,+N), [Yu Cheng](https://arxiv.org/search/cs?searchtype=author&query=Cheng,+Y), [Baobao Chang](https://arxiv.org/search/cs?searchtype=author&query=Chang,+B)

Subjects: Computation and Language (cs.CL); Artificial Intelligence (cs.Al)

[16] [arXiv:2502.04134](/abs/2502.04134 "Abstract") [[pdf](/pdf/2502.04134 "Download PDF"), [html](https://arxiv.org/html/2502.04134v1 "View HTML"), [other](/format/2502.04134 "Other formats")]

Title: The Order Effect: Investigating Prompt Sensitivity in Closed-Source

LLMs

[Bryan Guan](https://arxiv.org/search/cs?searchtype=author&query=Guan,+B),

[Tanya Roosta](https://arxiv.org/search/cs?searchtype=author&query=Roosta,+T),

[Peyman

Passban](https://arxiv.org/search/cs?searchtype=author&query=Passban,+P),

[Mehdi

Rezagholizadeh](https://arxiv.org/search/cs?searchtype=author&query=Rezagholizadeh,+M)

Comments: The first 3 authors have contributed equally

Subjects: Computation and Language (cs.CL)

[17] [arXiv:2502.04095](/abs/2502.04095 "Abstract") [[pdf](/pdf/2502.04095

"Download PDF"), [html](https://arxiv.org/html/2502.04095v1 "View HTML"),

[other](/format/2502.04095 "Other formats")]

Title: LLMs to Support a Domain Specific Knowledge Assistant

[Maria-Flavia

Lovin](https://arxiv.org/search/cs?searchtype=author&query=Lovin,+M)

Subjects: Computation and Language (cs.CL); Artificial Intelligence (cs.Al)

[18] [arXiv:2502.04077](/abs/2502.04077 "Abstract") [[pdf](/pdf/2502.04077 "Download PDF"), [html](https://arxiv.org/html/2502.04077v1 "View HTML"), [other](/format/2502.04077 "Other formats")]

Title: AttentionPredictor: Temporal Pattern Matters for Efficient LLM Inference

[Qingyue Yang](https://arxiv.org/search/cs?searchtype=author&query=Yang,+Q),
[Jie Wang](https://arxiv.org/search/cs?searchtype=author&query=Wang,+J), [Xing
Li](https://arxiv.org/search/cs?searchtype=author&query=Li,+X), [Zhihai
Wang](https://arxiv.org/search/cs?searchtype=author&query=Wang,+Z), [Chen
Chen](https://arxiv.org/search/cs?searchtype=author&query=Chen,+C), [Lei
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Yu](https://arxiv.org/search/cs?searchtype=author&query=Yu,+X), [Wulong
Liu](https://arxiv.org/search/cs?searchtype=author&query=Liu,+W), [Jianye
Hao](https://arxiv.org/search/cs?searchtype=author&query=Hao,+J), [Mingxuan
Yuan](https://arxiv.org/search/cs?searchtype=author&query=Yuan,+M), [Bin
Li](https://arxiv.org/search/cs?searchtype=author&query=Li,+B)

Subjects: Computation and Language (cs.CL); Machine Learning (cs.LG)

[19] [arXiv:2502.04075](/abs/2502.04075 "Abstract") [[pdf](/pdf/2502.04075

"Download PDF"), [html](https://arxiv.org/html/2502.04075v1 "View HTML"), [other](/format/2502.04075 "Other formats")]

Title: Controllable Emotion Generation with Emotion Vectors

[Yurui Dong](https://arxiv.org/search/cs?searchtype=author&query=Dong,+Y), [Luozhijie Jin](https://arxiv.org/search/cs?searchtype=author&query=Jin,+L), [Yao Yang](https://arxiv.org/search/cs?searchtype=author&query=Yang,+Y), [Bingjie Lu](https://arxiv.org/search/cs?searchtype=author&query=Lu,+B), [Jiaxi Yang](https://arxiv.org/search/cs?searchtype=author&query=Yang,+J), [Zhi Liu](https://arxiv.org/search/cs?searchtype=author&query=Liu,+Z)

Comments: 15 pages, 5 figures

Subjects: Computation and Language (cs.CL)

[20] [arXiv:2502.04066](/abs/2502.04066 "Abstract") [[pdf](/pdf/2502.04066 "Download PDF"), [html](https://arxiv.org/html/2502.04066v1 "View HTML"), [other](/format/2502.04066 "Other formats")]

Title: Predicting Large Language Model Capabilities on Closed-Book QA Tasks
Using Only Information Available Prior to Training

[Changhao

Jiang](https://arxiv.org/search/cs?searchtype=author&query=Jiang,+C), [Ming Zhang](https://arxiv.org/search/cs?searchtype=author&query=Zhang,+M), [Junjie Ye](https://arxiv.org/search/cs?searchtype=author&query=Ye,+J), [Xiaoran Fan](https://arxiv.org/search/cs?searchtype=author&query=Fan,+X), [Yifei Cao](https://arxiv.org/search/cs?searchtype=author&query=Cao,+Y), [Jiajun Sun](https://arxiv.org/search/cs?searchtype=author&query=Sun,+J), [Zhiheng Xi](https://arxiv.org/search/cs?searchtype=author&guery=Xi,+Z), [Shihan Dou](https://arxiv.org/search/cs?searchtype=author&guery=Dou,+S), [Yi Dongl(https://arxiv.org/search/cs?searchtype=author&query=Dong,+Y), [Yujiong Shen](https://arxiv.org/search/cs?searchtype=author&query=Shen,+Y), [Jingqi Tong](https://arxiv.org/search/cs?searchtype=author&query=Tong,+J), [Zhen Wang](https://arxiv.org/search/cs?searchtype=author&query=Wang,+Z), [Tao Liang](https://arxiv.org/search/cs?searchtype=author&guery=Liang,+T), [Zhihui Fei](https://arxiv.org/search/cs?searchtype=author&query=Fei,+Z), [Mingyang Wan](https://arxiv.org/search/cs?searchtype=author&query=Wan,+M), [Guojun Ma](https://arxiv.org/search/cs?searchtype=author&query=Ma,+G), [Qi Zhang](https://arxiv.org/search/cs?searchtype=author&query=Zhang,+Q), [Tao Gui](https://arxiv.org/search/cs?searchtype=author&guery=Gui,+T), [Xuanjing Huang](https://arxiv.org/search/cs?searchtype=author&query=Huang,+X)

Subjects: Computation and Language (cs.CL); Artificial Intelligence (cs.Al)

[21] [arXiv:2502.04038](/abs/2502.04038 "Abstract") [[pdf](/pdf/2502.04038 "Download PDF"), [html](https://arxiv.org/html/2502.04038v1 "View HTML"), [other](/format/2502.04038 "Other formats")]

Title: Simulating the Emergence of Differential Case Marking with Communicating Neural-Network Agents

[Yuchen Lian](https://arxiv.org/search/cs?searchtype=author&query=Lian,+Y), [Arianna

Bisazza](https://arxiv.org/search/cs?searchtype=author&query=Bisazza,+A), [Tessa

Verhoef](https://arxiv.org/search/cs?searchtype=author&query=Verhoef,+T)

Subjects: Computation and Language (cs.CL)

[22] [arXiv:2502.04037](/abs/2502.04037 "Abstract") [[pdf](/pdf/2502.04037 "Download PDF"), [html](https://arxiv.org/html/2502.04037v1 "View HTML"), [other](/format/2502.04037 "Other formats")]

Title: Exploring Imbalanced Annotations for Effective In-Context Learning

[Hongfu Gao](https://arxiv.org/search/cs?searchtype=author&query=Gao,+H),
[Feipeng Zhang](https://arxiv.org/search/cs?searchtype=author&query=Zhang,+F),
[Hao Zeng](https://arxiv.org/search/cs?searchtype=author&query=Zeng,+H), [Deyu Meng](https://arxiv.org/search/cs?searchtype=author&query=Meng,+D), [Bingyi Jing](https://arxiv.org/search/cs?searchtype=author&query=Jing,+B), [Hongxin Wei](https://arxiv.org/search/cs?searchtype=author&query=Wei,+H)

Subjects: Computation and Language (cs.CL); Machine Learning (cs.LG)

[23] [arXiv:2502.04022](/abs/2502.04022 "Abstract") [[pdf](/pdf/2502.04022 "Download PDF"), [html](https://arxiv.org/html/2502.04022v1 "View HTML"), [other](/format/2502.04022 "Other formats")]

Title: Quantification of Biodiversity from Historical Survey Text with LLM-based Best-Worst Scaling

[Thomas

Haider](https://arxiv.org/search/cs?searchtype=author&query=Haider,+T),

[Tobias

Perschl](https://arxiv.org/search/cs?searchtype=author&query=Perschl,+T),

[Malte

Rehbein](https://arxiv.org/search/cs?searchtype=author&query=Rehbein,+M)

Comments: NoDaLiDa 2025, EcoNLP Workshop

Subjects: Computation and Language (cs.CL)

[24] [arXiv:2502.03992](/abs/2502.03992 "Abstract") [[pdf](/pdf/2502.03992 "Download PDF"), [html](https://arxiv.org/html/2502.03992v1 "View HTML"), [other](/format/2502.03992 "Other formats")]

Title: Ontology-Guided, Hybrid Prompt Learning for Generalization in Knowledge Graph Question Answering

[Longquan

Jiang](https://arxiv.org/search/cs?searchtype=author&query=Jiang,+L), [Junbo Huang](https://arxiv.org/search/cs?searchtype=author&query=Huang,+J), [Cedric Möller](https://arxiv.org/search/cs?searchtype=author&query=M%C3%B6ller,+C), [Ricardo

Usbeck](https://arxiv.org/search/cs?searchtype=author&query=Usbeck,+R)

Comments: Accepted By ICSC 2025

Subjects: Computation and Language (cs.CL); Artificial Intelligence (cs.Al)

[25] [arXiv:2502.03984](/abs/2502.03984 "Abstract") [[pdf](/pdf/2502.03984 "Download PDF"), [html](https://arxiv.org/html/2502.03984v1 "View HTML"), [other](/format/2502.03984 "Other formats")]

Title: PGB: One-Shot Pruning for BERT via Weight Grouping and Permutation

[Hyemin Lim](https://arxiv.org/search/cs?searchtype=author&query=Lim,+H),

[Jaeyeon Lee](https://arxiv.org/search/cs?searchtype=author&query=Lee,+J),

[Dong-Wan Choi](https://arxiv.org/search/cs?searchtype=author&query=Choi,+D)

Subjects: Computation and Language (cs.CL); Artificial Intelligence (cs.Al)

[26] [arXiv:2502.03954](/abs/2502.03954 "Abstract") [[pdf](/pdf/2502.03954 "Download PDF"), [html](https://arxiv.org/html/2502.03954v1 "View HTML"), [other](/format/2502.03954 "Other formats")]

Title: MAQInstruct: Instruction-based Unified Event Relation Extraction

[Jun Xu](https://arxiv.org/search/cs?searchtype=author&query=Xu,+J), [Mengshu Sun](https://arxiv.org/search/cs?searchtype=author&query=Sun,+M), [Zhiqiang Zhang](https://arxiv.org/search/cs?searchtype=author&query=Zhang,+Z), [Jun Zhou](https://arxiv.org/search/cs?searchtype=author&query=Zhou,+J)

Comments: Accepted by WWW 2025 short

Subjects: Computation and Language (cs.CL); Artificial Intelligence (cs.Al)

[27] [arXiv:2502.03945](/abs/2502.03945 "Abstract") [[pdf](/pdf/2502.03945 "Download PDF"), [html](https://arxiv.org/html/2502.03945v1 "View HTML"), [other](/format/2502.03945 "Other formats")]

Title: Afrispeech-Dialog: A Benchmark Dataset for Spontaneous English

[Mardhiyah

Sanni](https://arxiv.org/search/cs?searchtype=author&query=Sanni,+M),

[Tassallah

Abdullahi](https://arxiv.org/search/cs?searchtype=author&query=Abdullahi,+T),

[Devendra D.

Kayande](https://arxiv.org/search/cs?searchtype=author&query=Kayande,+D+D),

[Emmanuel

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[Naome A.

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[Michael S.

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[Moshood

Yekini](https://arxiv.org/search/cs?searchtype=author&query=Yekini,+M),

[Chibuzor

Okocha](https://arxiv.org/search/cs?searchtype=author&query=Okocha,+C),

[Lukman E.

Ismaila](https://arxiv.org/search/cs?searchtype=author&query=Ismaila,+L+E),

[Folafunmi

Omofoye](https://arxiv.org/search/cs?searchtype=author&query=Omofoye,+F),

[Boluwatife A.

Adewale](https://arxiv.org/search/cs?searchtype=author&query=Adewale,+B+A),

[Tobi

Olatunji](https://arxiv.org/search/cs?searchtype=author&query=Olatunji,+T)

Comments: 19 pages, 5 figures

Subjects: Computation and Language (cs.CL)

[28] [arXiv:2502.03916](/abs/2502.03916 "Abstract") [[pdf](/pdf/2502.03916 "Download PDF"), [html](https://arxiv.org/html/2502.03916v1 "View HTML"), [other](/format/2502.03916 "Other formats")]

Title: Experiments with Large Language Models on Retrieval-Augmented
Generation for Closed-Source Simulation Software

[Andreas

Baumann](https://arxiv.org/search/cs?searchtype=author&query=Baumann,+A), [Peter

Eberhard](https://arxiv.org/search/cs?searchtype=author&query=Eberhard,+P)

Comments: 11 pages, 6 tables

Subjects: Computation and Language (cs.CL); Artificial Intelligence (cs.Al)

[29] [arXiv:2502.03860](/abs/2502.03860 "Abstract") [[pdf](/pdf/2502.03860 "Download PDF"), [html](https://arxiv.org/html/2502.03860v1 "View HTML"), [other](/format/2502.03860 "Other formats")]

Title: BOLT: Bootstrap Long Chain-of-Thought in Language Models without Distillation

[Bo Pang](https://arxiv.org/search/cs?searchtype=author&query=Pang,+B), [Hanze Dong](https://arxiv.org/search/cs?searchtype=author&query=Dong,+H), [Jiacheng Xu](https://arxiv.org/search/cs?searchtype=author&query=Xu,+J), [Silvio Savarese](https://arxiv.org/search/cs?searchtype=author&query=Savarese,+S), [Yingbo Zhou](https://arxiv.org/search/cs?searchtype=author&guery=Zhou,+Y), [Caiming Xiong](https://arxiv.org/search/cs?searchtype=author&query=Xiong,+C)

Comments: 36 pages

Subjects: Computation and Language (cs.CL)

[30] [arXiv:2502.03843](/abs/2502.03843 "Abstract") [[pdf](/pdf/2502.03843 "Download PDF"), [other](/format/2502.03843 "Other formats")]

Title: Improving Natural Language Understanding for LLMs via Large-Scale Instruction Synthesis

[Lin Yuan](https://arxiv.org/search/cs?searchtype=author&query=Yuan,+L), [Jun Xu](https://arxiv.org/search/cs?searchtype=author&query=Xu,+J), [Honghao Gui](https://arxiv.org/search/cs?searchtype=author&guery=Gui,+H), [Mengshu Sun](https://arxiv.org/search/cs?searchtype=author&query=Sun,+M), [Zhiqiang

Zhang](https://arxiv.org/search/cs?searchtype=author&query=Zhang,+Z), [Lei Liang](https://arxiv.org/search/cs?searchtype=author&query=Liang,+L), [Jun Zhou](https://arxiv.org/search/cs?searchtype=author&query=Zhou,+J)

Comments: Accepted by AAAI 2025

Subjects: Computation and Language (cs.CL); Artificial Intelligence (cs.Al)

[31] [arXiv:2502.03827](/abs/2502.03827 "Abstract") [[pdf](/pdf/2502.03827 "Download PDF"), [html](https://arxiv.org/html/2502.03827v1 "View HTML"), [other](/format/2502.03827 "Other formats")]

Title: A comprehensive survey of contemporary Arabic sentiment analysis: Methods, Challenges, and Future Directions

[Zhiqiang Shi](https://arxiv.org/search/cs?searchtype=author&query=Shi,+Z), [Ruchit

Agrawal](https://arxiv.org/search/cs?searchtype=author&query=Agrawal,+R)

Comments: Paper accepted to NAACL 2025

Subjects: Computation and Language (cs.CL); Artificial Intelligence (cs.Al)

[32] [arXiv:2502.03824](/abs/2502.03824 "Abstract") [[pdf](/pdf/2502.03824 "Download PDF"), [html](https://arxiv.org/html/2502.03824v1 "View HTML"),

[other](/format/2502.03824 "Other formats")]

Title: Syntriever: How to Train Your Retriever with Synthetic Data from LLMs

[Minsang Kim](https://arxiv.org/search/cs?searchtype=author&query=Kim,+M), [Seungjun Baek](https://arxiv.org/search/cs?searchtype=author&query=Baek,+S)

Comments: the Nations of the Americas Chapter of the Association for Computational Linguistics (NAACL), Findings, Accepted

Subjects: Computation and Language (cs.CL); Artificial Intelligence (cs.Al)

[33] [arXiv:2502.03821](/abs/2502.03821 "Abstract") [[pdf](/pdf/2502.03821 "Download PDF"), [html](https://arxiv.org/html/2502.03821v1 "View HTML"), [other](/format/2502.03821 "Other formats")]

Title: PsyPlay: Personality-Infused Role-Playing Conversational Agents

[Tao Yang](https://arxiv.org/search/cs?searchtype=author&query=Yang,+T),
[Yuhua Zhu](https://arxiv.org/search/cs?searchtype=author&query=Zhu,+Y),
[Xiaojun Quan](https://arxiv.org/search/cs?searchtype=author&query=Quan,+X),
[Cong Liu](https://arxiv.org/search/cs?searchtype=author&query=Liu,+C), [Qifan Wang](https://arxiv.org/search/cs?searchtype=author&query=Wang,+Q)

Subjects: Computation and Language (cs.CL)

[34] [arXiv:2502.03805](/abs/2502.03805 "Abstract") [[pdf](/pdf/2502.03805 "Download PDF"), [html](https://arxiv.org/html/2502.03805v1 "View HTML"), [other](/format/2502.03805 "Other formats")]

Title: Identify Critical KV Cache in LLM Inference from an Output Perturbation Perspective

[Yuan Feng](https://arxiv.org/search/cs?searchtype=author&query=Feng,+Y),
[Junlin Lv](https://arxiv.org/search/cs?searchtype=author&query=Lv,+J), [Yukun Cao](https://arxiv.org/search/cs?searchtype=author&query=Cao,+Y), [Xike Xie](https://arxiv.org/search/cs?searchtype=author&query=Xie,+X), [S Kevin Zhou](https://arxiv.org/search/cs?searchtype=author&query=Zhou,+S+K)

Subjects: Computation and Language (cs.CL)

[35] [arXiv:2502.03799](/abs/2502.03799 "Abstract") [[pdf](/pdf/2502.03799 "Download PDF"), [html](https://arxiv.org/html/2502.03799v1 "View HTML"), [other](/format/2502.03799 "Other formats")]

Title: Enhancing Hallucination Detection through Noise Injection

[Litian Liu](https://arxiv.org/search/cs?searchtype=author&query=Liu,+L),

[Reza

Pourreza](https://arxiv.org/search/cs?searchtype=author&query=Pourreza,+R),

[Sunny

Panchal](https://arxiv.org/search/cs?searchtype=author&query=Panchal,+S),

[Apratim

Bhattacharyya](https://arxiv.org/search/cs?searchtype=author&query=Bhattacharyya,+A),

[Yao Qin](https://arxiv.org/search/cs?searchtype=author&guery=Qin,+Y), [Roland

Memisevic](https://arxiv.org/search/cs?searchtype=author&query=Memisevic,+R)

Subjects: Computation and Language (cs.CL); Systems and Control (eess.SY)

[36] [arXiv:2502.03793](/abs/2502.03793 "Abstract") [[pdf](/pdf/2502.03793 "Download PDF"), [html](https://arxiv.org/html/2502.03793v1 "View HTML"), [other](/format/2502.03793 "Other formats")]

Title: It's All in The [MASK]: Simple Instruction-Tuning Enables BERT-like Masked Language Models As Generative Classifiers

[Benjamin

Clavié](https://arxiv.org/search/cs?searchtype=author&query=Clavi%C3%A9,+B),

[Nathan

Cooper](https://arxiv.org/search/cs?searchtype=author&query=Cooper,+N),

[Benjamin

Warner](https://arxiv.org/search/cs?searchtype=author&query=Warner,+B)

Subjects: Computation and Language (cs.CL); Artificial Intelligence (cs.Al)

[37] [arXiv:2502.03766](/abs/2502.03766 "Abstract") [[pdf](/pdf/2502.03766 "Download PDF"), [html](https://arxiv.org/html/2502.03766v1 "View HTML"), [other](/format/2502.03766 "Other formats")]

Title: Hierarchical Contextual Manifold Alignment for Structuring Latent Representations in Large Language Models

[Meiquan Dong](https://arxiv.org/search/cs?searchtype=author&query=Dong,+M), [Haoran Liu](https://arxiv.org/search/cs?searchtype=author&query=Liu,+H), [Yan Huang](https://arxiv.org/search/cs?searchtype=author&query=Huang,+Y), [Zixuan Feng](https://arxiv.org/search/cs?searchtype=author&query=Feng,+Z), [Jianhong Tang](https://arxiv.org/search/cs?searchtype=author&query=Tang,+J), [Ruoxi Wang](https://arxiv.org/search/cs?searchtype=author&query=Wang,+R)

Subjects: Computation and Language (cs.CL)

[38] [arXiv:2502.03748](/abs/2502.03748 "Abstract") [[pdf](/pdf/2502.03748 "Download PDF"), [html](https://arxiv.org/html/2502.03748v1 "View HTML"), [other](/format/2502.03748 "Other formats")]

Title: Rethinking the Residual Distribution of Locate-then-Editing Methods in Model Editing

[Xiaopeng Li](https://arxiv.org/search/cs?searchtype=author&query=Li,+X), [Shanwen Wang](https://arxiv.org/search/cs?searchtype=author&query=Wang,+S), [Shasha Li](https://arxiv.org/search/cs?searchtype=author&query=Li,+S), [Shezheng Song](https://arxiv.org/search/cs?searchtype=author&query=Song,+S), [Bin Ji](https://arxiv.org/search/cs?searchtype=author&query=Ji,+B), [Jun Ma](https://arxiv.org/search/cs?searchtype=author&query=Ma,+J), [Jie Yu](https://arxiv.org/search/cs?searchtype=author&query=Yu,+J)

Comments: Preprint

Subjects: Computation and Language (cs.CL)

[39] [arXiv:2502.03711](/abs/2502.03711 "Abstract") [[pdf](/pdf/2502.03711 "Download PDF"), [html](https://arxiv.org/html/2502.03711v1 "View HTML"), [other](/format/2502.03711 "Other formats")]

Title: MultiQ&A: An Analysis in Measuring Robustness via Automated Crowdsourcing of Question Perturbations and Answers

[Nicole Cho](https://arxiv.org/search/cs?searchtype=author&query=Cho,+N), [William]

Watson](https://arxiv.org/search/cs?searchtype=author&query=Watson,+W)

Comments: AAAI 2025 Workshop on Preventing and Detecting LLM Misinformation (PDLM) (Oral)

Subjects: Computation and Language (cs.CL); Artificial Intelligence (cs.AI); Machine Learning (cs.LG)

[40] [arXiv:2502.03708](/abs/2502.03708 "Abstract") [[pdf](/pdf/2502.03708 "Download PDF"), [html](https://arxiv.org/html/2502.03708v1 "View HTML"), [other](/format/2502.03708 "Other formats")]

Title: Aggregate and conquer: detecting and steering LLM concepts by combining nonlinear predictors over multiple layers

[Daniel

Beaglehole](https://arxiv.org/search/cs?searchtype=author&query=Beaglehole,+D),

[Adityanarayanan

Radhakrishnan](https://arxiv.org/search/cs?searchtype=author&query=Radhakrishnan,+A),

[Enric Boix-Adserà](https://arxiv.org/search/cs?searchtype=author&query=Boix-

Adser%C3%A0,+E), [Mikhail

Belkin](https://arxiv.org/search/cs?searchtype=author&query=Belkin,+M)

Subjects: Computation and Language (cs.CL); Artificial Intelligence (cs.AI);

Machine Learning (stat.ML)

[41] [arXiv:2502.03699](/abs/2502.03699 "Abstract") [[pdf](/pdf/2502.03699 "Download PDF"), [html](https://arxiv.org/html/2502.03699v1 "View HTML"), [other](/format/2502.03699 "Other formats")]

Title: LLM Alignment as Retriever Optimization: An Information Retrieval Perspective

[Bowen Jin](https://arxiv.org/search/cs?searchtype=author&query=Jin,+B),
[Jinsung Yoon](https://arxiv.org/search/cs?searchtype=author&query=Yoon,+J),
[Zhen Qin](https://arxiv.org/search/cs?searchtype=author&query=Qin,+Z), [Ziqi Wang](https://arxiv.org/search/cs?searchtype=author&query=Wang,+Z), [Wei Xiong](https://arxiv.org/search/cs?searchtype=author&query=Xiong,+W), [Yu Meng](https://arxiv.org/search/cs?searchtype=author&query=Meng,+Y), [Jiawei Han](https://arxiv.org/search/cs?searchtype=author&query=Han,+J), [Sercan O. Arik](https://arxiv.org/search/cs?searchtype=author&query=Arik,+S+O)

Comments: 26 pages

Subjects: Computation and Language (cs.CL); Artificial Intelligence (cs.AI); Information Retrieval (cs.IR)

[42] [arXiv:2502.03688](/abs/2502.03688 "Abstract") [[pdf](/pdf/2502.03688 "Download PDF"), [html](https://arxiv.org/html/2502.03688v1 "View HTML"), [other](/format/2502.03688 "Other formats")]

Title: A Comparison of DeepSeek and Other LLMs

[Tianchen Gao](https://arxiv.org/search/cs?searchtype=author&query=Gao,+T),

[Jiashun Jin](https://arxiv.org/search/cs?searchtype=author&query=Jin,+J),

[Zheng Tracy Ke](https://arxiv.org/search/cs?searchtype=author&query=Ke,+Z+T),

[Gabriel

Moryoussef](https://arxiv.org/search/cs?searchtype=author&query=Moryoussef,+G)

Comments: 21 pages, 5 figures, 6 tables

Subjects: Computation and Language (cs.CL); Artificial Intelligence (cs.Al)

[43] [arXiv:2502.03685](/abs/2502.03685 "Abstract") [[pdf](/pdf/2502.03685

"Download PDF"), [other](/format/2502.03685 "Other formats")]

Title: Controlled LLM Decoding via Discrete Auto-regressive Biasing

[Patrick

Pynadath](https://arxiv.org/search/cs?searchtype=author&query=Pynadath,+P),

[Ruqi Zhang](https://arxiv.org/search/cs?searchtype=author&query=Zhang,+R)

Subjects: Computation and Language (cs.CL); Machine Learning (cs.LG); Machine

[44] [arXiv:2502.03678](/abs/2502.03678 "Abstract") [[pdf](/pdf/2502.03678 "Download PDF"), [html](https://arxiv.org/html/2502.03678v1 "View HTML"), [other](/format/2502.03678 "Other formats")]

Title: Reflection-Window Decoding: Text Generation with Selective Refinement

[Zeyu Tang](https://arxiv.org/search/cs?searchtype=author&query=Tang,+Z),
[Zhenhao Chen](https://arxiv.org/search/cs?searchtype=author&query=Chen,+Z),
[Loka Li](https://arxiv.org/search/cs?searchtype=author&query=Li,+L),
[Xiangchen Song](https://arxiv.org/search/cs?searchtype=author&query=Song,+X),
[Yunlong Deng](https://arxiv.org/search/cs?searchtype=author&query=Deng,+Y),
[Yifan Shen](https://arxiv.org/search/cs?searchtype=author&query=Shen,+Y),
[Guangyi Chen](https://arxiv.org/search/cs?searchtype=author&query=Chen,+G),
[Peter

Spirtes](https://arxiv.org/search/cs?searchtype=author&query=Spirtes,+P), [Kun Zhang](https://arxiv.org/search/cs?searchtype=author&query=Zhang,+K)

Subjects: Computation and Language (cs.CL); Artificial Intelligence (cs.AI); Machine Learning (cs.LG)

[45] [arXiv:2502.03671](/abs/2502.03671 "Abstract") [[pdf](/pdf/2502.03671 "Download PDF"), [html](https://arxiv.org/html/2502.03671v1 "View HTML"), [other](/format/2502.03671 "Other formats")]

Title: Advancing Reasoning in Large Language Models: Promising Methods and Approaches

[Avinash Patil](https://arxiv.org/search/cs?searchtype=author&query=Patil,+A)

Comments: 9 Pages, 1 Figure, IEEE Format

Subjects: Computation and Language (cs.CL); Artificial Intelligence (cs.Al)

[46] [arXiv:2502.03647](/abs/2502.03647 "Abstract") [[pdf](/pdf/2502.03647 "Download PDF"), [html](https://arxiv.org/html/2502.03647v1 "View HTML"), [other](/format/2502.03647 "Other formats")]

Title: Looking for the Inner Music: Probing LLMs' Understanding of Literary
Style

[Rebecca M. M.

Hicke](https://arxiv.org/search/cs?searchtype=author&query=Hicke,+R+M+M),
[David Mimno](https://arxiv.org/search/cs?searchtype=author&query=Mimno,+D)

Subjects: Computation and Language (cs.CL); Machine Learning (cs.LG)

[47] [arXiv:2502.03643](/abs/2502.03643 "Abstract") [[pdf](/pdf/2502.03643 "Download PDF"), [html](https://arxiv.org/html/2502.03643v1 "View HTML"), [other](/format/2502.03643 "Other formats")]

Title: Context-Preserving Gradient Modulation for Large Language Models: A Novel Approach to Semantic Consistency in Long-Form Text Generation

[Nirola

Kobanov](https://arxiv.org/search/cs?searchtype=author&query=Kobanov,+N),

[Edmund

Weatherstone](https://arxiv.org/search/cs?searchtype=author&query=Weatherstone,+E),

[Zachary

Vanderpoel](https://arxiv.org/search/cs?searchtype=author&query=Vanderpoel,+Z),

[Orlando

Wetherby](https://arxiv.org/search/cs?searchtype=author&query=Wetherby,+O)

Subjects: Computation and Language (cs.CL)

[48] [arXiv:2502.03627](/abs/2502.03627 "Abstract") [[pdf](/pdf/2502.03627 "Download PDF"), [html](https://arxiv.org/html/2502.03627v1 "View HTML"), [other](/format/2502.03627 "Other formats")]

Title: Sorting the Babble in Babel: Assessing the Performance of Language

Detection Algorithms on the OpenAlex Database

[Maxime Holmberg Sainte-

Marie](https://arxiv.org/search/cs?searchtype=author&query=Sainte-Marie,+M+H),

[Diego

Kozlowski](https://arxiv.org/search/cs?searchtype=author&query=Kozlowski,+D),

[Lucía

Céspedes](https://arxiv.org/search/cs?searchtype=author&query=C%C3%A9spedes,+L),

[Vincent

Larivière](https://arxiv.org/search/cs?searchtype=author&query=Larivi%C3%A8re,+V)

Comments: 33 pages, 4 figures

Subjects: Computation and Language (cs.CL)

[49] [arXiv:2502.03552](/abs/2502.03552 "Abstract") [[pdf](/pdf/2502.03552

"Download PDF"), [html](https://arxiv.org/html/2502.03552v1 "View HTML"),

[other](/format/2502.03552 "Other formats")]

Title: Can Cross Encoders Produce Useful Sentence Embeddings?

[Haritha

Ananthakrishnan](https://arxiv.org/search/cs?searchtype=author&query=Ananthakrishnan,+H),

[Julian Dolby](https://arxiv.org/search/cs?searchtype=author&query=Dolby,+J),

[Harsha Kokel](https://arxiv.org/search/cs?searchtype=author&query=Kokel,+H),

[Horst

Samulowitz](https://arxiv.org/search/cs?searchtype=author&query=Samulowitz,+H),

[Kavitha

Srinivas](https://arxiv.org/search/cs?searchtype=author&query=Kavitha)

Subjects: Computation and Language (cs.CL); Information Retrieval (cs.IR)

[50] [arXiv:2502.04328](/abs/2502.04328 "Abstract") (cross-list from cs.CV)

[[pdf](/pdf/2502.04328 "Download PDF"),

[html](https://arxiv.org/html/2502.04328v1 "View HTML"),

[other](/format/2502.04328 "Other formats")]

Title: Ola: Pushing the Frontiers of Omni-Modal Language Model with Progressive Modality Alignment

[Zuyan Liu](https://arxiv.org/search/cs?searchtype=author&query=Liu,+Z),

[Yuhao Dong](https://arxiv.org/search/cs?searchtype=author&query=Dong,+Y),
[Jiahui Wang](https://arxiv.org/search/cs?searchtype=author&query=Wang,+J),
[Ziwei Liu](https://arxiv.org/search/cs?searchtype=author&query=Liu,+Z),
[Winston Hu](https://arxiv.org/search/cs?searchtype=author&query=Hu,+W),
[Jiwen Lu](https://arxiv.org/search/cs?searchtype=author&query=Lu,+J),

Subjects: Computer Vision and Pattern Recognition (cs.CV); Computation and Language (cs.CL); Multimedia (cs.MM); Sound (cs.SD); Audio and Speech

[Yongming Rao](https://arxiv.org/search/cs?searchtype=author&query=Rao,+Y)

Processing (eess.AS); Image and Video Processing (eess.IV) Total of 424 entries: 1-50 [51-100](/list/cs.CL/recent?skip=50&show=50) [101-150](/list/cs.CL/recent?skip=100&show=50) [151-200](/list/cs.CL/recent?skip=150&show=50) ... [401-424](/list/cs.CL/recent?skip=400&show=50) Showing up to 50 entries per page: [fewer](/list/cs.CL/recent?skip=0&show=25) more](/list/cs.CL/recent?skip=0&show=100) | [all](/list/cs.CL/recent?skip=0&show=2000) * [About](https://info.arxiv.org/about) * [Help](https://info.arxiv.org/help) * contact arXivClick here to contact arXiv [Contact](https://info.arxiv.org/help/contact.html) subscribe arXiv mailingsClick here to subscribe to Subscribe](https://info.arxiv.org/help/subscribe) * [Copyright](https://info.arxiv.org/help/license/index.html) * [Privacy Policy](https://info.arxiv.org/help/policies/privacy_policy.html) * [Web Accessibility Assistance](https://info.arxiv.org/help/web_accessibility.html) * [arXiv Operational Status](https://status.arxiv.org) Get status notifications via [email](https://subscribe.sorryapp.com/24846f03/email/new) or

[slack](https://subscribe.sorryapp.com/24846f03/slack/new)