

Responsible NLP Checklist

Paper title: *Framing Political Bias in Multilingual LLMs Across Pakistani Languages*

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How to read the checklist symbols:

- the authors responded 'yes'
- the authors responded 'no'
- the authors indicated that the question does not apply to their work
- the authors did not respond to the checkbox question

For background on the checklist and guidance provided to the authors, see the [Responsible NLP Checklist](#) page at ACL Rolling Review.

A. Questions mandatory for all submissions.

- A1. Did you describe the limitations of your work?

This paper has a Limitations section.

- A2. Did you discuss any potential risks of your work?

In Section 5: Results and Analysis; the potential risks including the discourse of political or cultural biases, misunderstanding of politically sensitive content, and the risk of strengthening stereotypes in low-resource Pakistani languages. We also note the chance of LLM showing polarizing discourse or political inclination, especially in multilingual and culturally diverse settings.

B. Did you use or create scientific artifacts? (e.g. code, datasets, models)

- B4. Did you discuss the steps taken to check whether the data that was collected/used contains any information that names or uniquely identifies individual people or offensive content, and the steps taken to protect/anonymize it?

In section 4, and under the section Ethical statement we provided details about dataset which is reviewed and filtered politically sensitive texts to remove any personally identifying information carefully.

- B6. Did you report relevant statistics like the number of examples, details of train/test/dev splits, etc. for the data that you used/created?

In section 4, Appendix A: we provided the detailed statistics of the dataset. This includes breakdowns across the five Pakistani languages and political topics.

C. Did you run computational experiments?

- C2. Did you discuss the experimental setup, including hyperparameter search and best-found hyperparameter values?

In Appendix, Method and Experiments we provided all details about setup and hyperparameters

- C3. Did you report descriptive statistics about your results (e.g., error bars around results, summary statistics from sets of experiments), and is it transparent whether you are reporting the max, mean, etc. or just a single run?

In section 5, 6 and Appendix C, Results and analysis clearly describes the finding

The Responsible NLP Checklist used at ACL Rolling Review is adopted from NAACL 2022, with the addition of ACL 2023 question on AI writing assistance and further refinements based on ARR practice. ACL 2026 used a subset of ARR checklist form.

D. Did you use human annotators (e.g., crowdworkers) or research with human subjects?

- D1. Did you report the full text of instructions given to participants, including e.g., screenshots, disclaimers of any risks to participants or annotators, etc.?

In section 4 and Appendix A we provided the complete instructions for human annotations

- D2. Did you report information about how you recruited (e.g., crowdsourcing platform, students) and paid participants, and discuss if such payment is adequate given the participants' demographic (e.g., country of residence)?

In section 4 and Appendix A, we provided the details about recruitment and payment

- D3. Did you discuss whether and how consent was obtained from people whose data you're using/curating (e.g., did your instructions explain how the data would be used)?

In section 4, Appendix A. The data used in our study consists of publicly available PCT statements and Political news headlines from established news sources.

- D4. Was the data collection protocol approved (or determined exempt) by an ethics review board?

In Appendix all details mentioned about dataset, which is publically available

E. Did you use AI assistants (e.g., ChatGPT, Copilot) in your research, coding, or writing?

- E1. If you used AI assistants, did you include information about their use?

Such as improving grammar, clarity, and academic tone. All content and analysis are my own.