

Responsible NLP Checklist

Paper title: *DeepSpecs: Expert-Level Question Answering in 5G*

Authors: *Aman Ganapathy Manvattira, Yifei Xu, Ziyue Dang, Songwu Lu*

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?
We provide a discussion of potential risks at the end of the Limitations section.

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?
We discuss data privacy and content verification in Appendix C.2 (Annotator Instructions).

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?
We report comprehensive statistics in Section 4 (Datasets) and Section 5.1 (Experimental Setup).

C. Did you run computational experiments?

C2. Did you discuss the experimental setup, including hyperparameter search and best-found hyperparameter values?
We describe our experimental setup and hyperparameters in Section 5.1 (Experimental Setup) and Appendix H (Implementation Details).

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?
We report descriptive statistics throughout Section 5 (Experiments) and referred appendices.

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.?
We provide comprehensive annotation instructions in Appendix C (Section: Volunteer Recruitment and QA Annotation Protocol).

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.

- 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)?

We report recruitment information in Appendix C (Section: Volunteer Recruitment and QA Annotation Protocol). The volunteers participated without monetary compensation as part of academic research collaboration.

- 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)?

All data sources are publicly available platforms where users voluntarily share technical knowledge. We report this in Section 4 (Datasets).

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

This annotation task involved technical review of publicly available telecommunications documentation and educational materials without collection of personal data, sensitive information, or private communications. Under our institution's IRB policies, this work does not constitute human subjects research requiring review because the volunteer annotators served as expert reviewers performing technical validation tasks (similar to research assistants), and the research did not collect data about the annotators themselves.

- 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?

We provide comprehensive documentation of AI assistant usage throughout the paper, including Section 3 (Method), Section 4 (Datasets), Section 5 (Experiments) and Appendices.