

Responsible NLP Checklist

Paper title: *Rose-SQL: Role-State Evolution Guided Structured Reasoning for Multi-Turn Text-to-SQL*

Authors: *Le Zhou, Feng Yao, Fengcai Qiao, bo xu, Fangyuan Wang, Boyan Xu*

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?

Because the experiment was conducted locally and on a public dataset.

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?

Since we are using SparC and CoSQL, which are two publicly available datasets, the privacy issues have already been addressed in the original papers.

- 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?

Since the public datasets SparC and CoSQL have already been divided into training sets and development sets, and this setting is also followed in the Multi-Turn Text-to-SQL field.

C. Did you run computational experiments?

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

Section 3

- 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?

Section 4, section 5 and the appendix.

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.?

(left blank)

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)?
(left blank)

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)?
(left blank)

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

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 used AI assistants primarily for minor grammar polishing and routine code debugging. Since these tools did not contribute to the core scientific ideas or results, we did not include a specific section in the paper.