Checklist

1. For all authors...

   (a) Do the main claims made in the abstract and introduction accurately reflect the paper's contributions and scope? [Yes]

   (b) Did you describe the limitations of your work? [Yes] *See Conclusion, in the section titled Limitations and Impact*

   (c) Did you discuss any potential negative societal impacts of your work? [Yes] *See Conclusion, in the section titled Limitations and Impact*

   (d) Have you read the ethics review guidelines and ensured that your paper conforms to them? [Yes]

2. If you are including theoretical results...

   (a) Did you state the full set of assumptions of all theoretical results? [Yes]

   (b) Did you include complete proofs of all theoretical results? [Yes]

3. If you ran experiments...

   (a) Did you include the code, data, and instructions needed to reproduce the main experimental results (either in the supplemental material or as a URL)? [Yes] *Our code will be included in the supplemental material.*

   (b) Did you specify all the training details (e.g., data splits, hyperparameters, how they were chosen)? [Yes] *See Appendix E.1.5 and E.2.*

   (c) Did you report error bars (e.g., with respect to the random seed after running experiments multiple times)? [Yes] *All plots showing results display means over multiple evaluation episodes per agent (i.e., seed) and over multiple seeds. They also show standard error of the mean over random seeds.*

   (d) Did you include the total amount of compute and the type of resources used (e.g., type of GPUs, internal cluster, or cloud provider)? [Yes] *See Appendix, Section E.3*

4. If you are using existing assets (e.g., code, data, models) or curating/releasing new assets...

   (a) If your work uses existing assets, did you cite the creators? [Yes] *See Appendix Section E.1.5*

   (b) Did you mention the license of the assets? [Yes] *See Appendix Section E.1.5*

   (c) Did you include any new assets either in the supplemental material or as a URL? [Yes] *Our code will be included in the supplemental material.*

   (d) Did you discuss whether and how consent was obtained from people whose data you're using/curating? [N/A]

   (e) Did you discuss whether the data you are using/curating contains personally identifiable information or offensive content? [N/A]

5. If you used crowdsourcing or conducted research with human subjects...

   (a) Did you include the full text of instructions given to participants and screenshots, if applicable? [N/A]

   (b) Did you describe any potential participant risks, with links to Institutional Review Board (IRB) approvals, if applicable? [N/A]

   (c) Did you include the estimated hourly wage paid to participants and the total amount spent on participant compensation? [N/A]

15