Discussion Questions

1. Were there any results that were particularly surprising?

2. What kind of changes could be made to the training data to help the model generalize to new forms of motion more?

3. What is the true extent of RT-1's generalization considering that most experiments are conducted in the kitchen environments?

4. Is context window of 6 frames sufficient for good performance?

5. What might be some safety concerns that need to be addressed if these robots were to work in the kitchen? How to address them effectively?

6. What's the significance of heterogenous data experiments?

7. Where should the large-scale data for robotics come from? Is simulated data a substitute for real-world data?

8. Are language instructions sufficient to cover diverse robot behaviors in real-world?

9. How can we make systems such as RT-1 personalized to each person's needs/ preferences?

10. Will robotics follow the trends of CV/NLP? is scaling the path to autonomous robots?

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