Rank Selection Guidelines

LoRA Rank Selection: r=1~64
Balance between performance and efficiency

r=4-8	**r=16-32**	**r=64+**
Simple Tasks	Most Tasks	Complex Tasks

📊 Task Complexity Recommendations

- **r=4:** Binary classification, sentiment analysis
- **r=8:** Named entity recognition, simple QA
- **r=16:** Medical report generation, diagnosis
- **r=32:** Clinical reasoning, multi-task learning
- **r=64:** Large-scale medical knowledge integration

⚗️ Experimental Approach

- Start with r=8, measure validation performance
- Double rank if performance plateaus early
- Halve rank if overfitting occurs
- Monitor training loss vs validation gap