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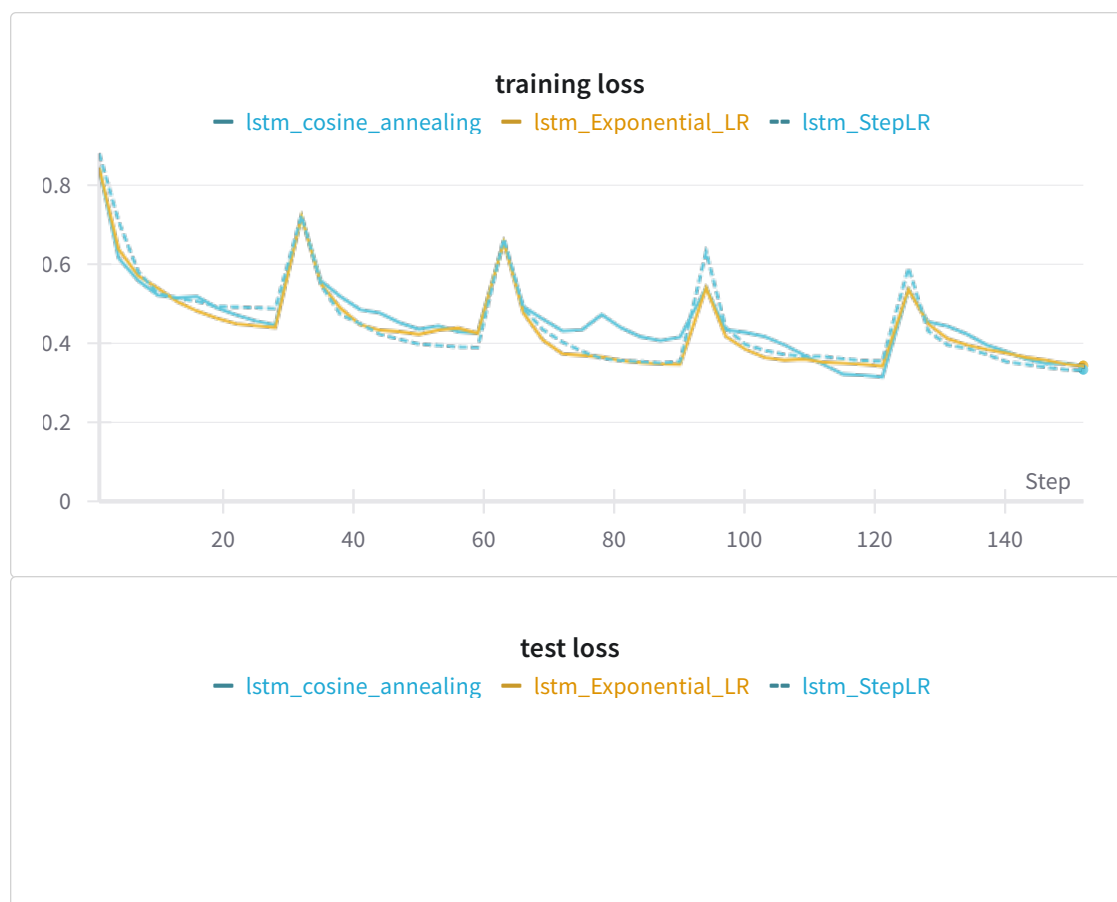
# A comparison of LR Schedulers

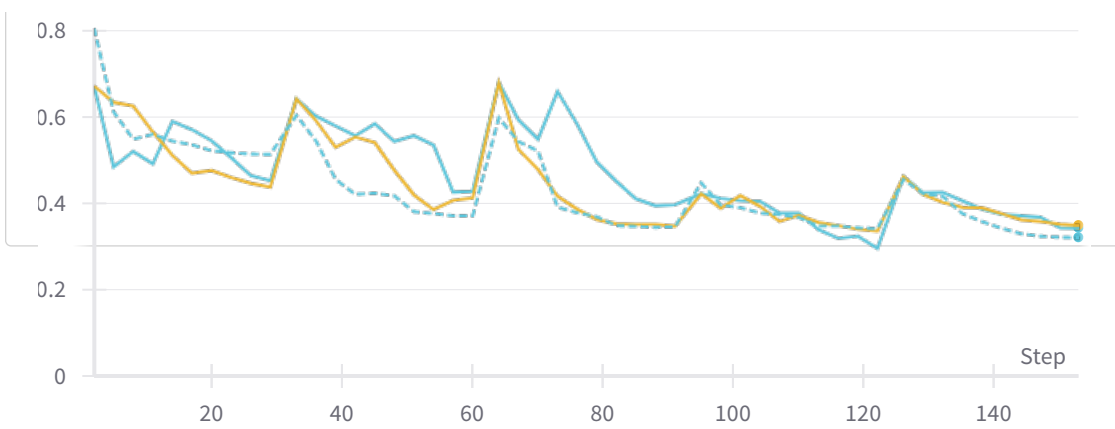
A comparison of learning rate schedulers. Findings were surprising:

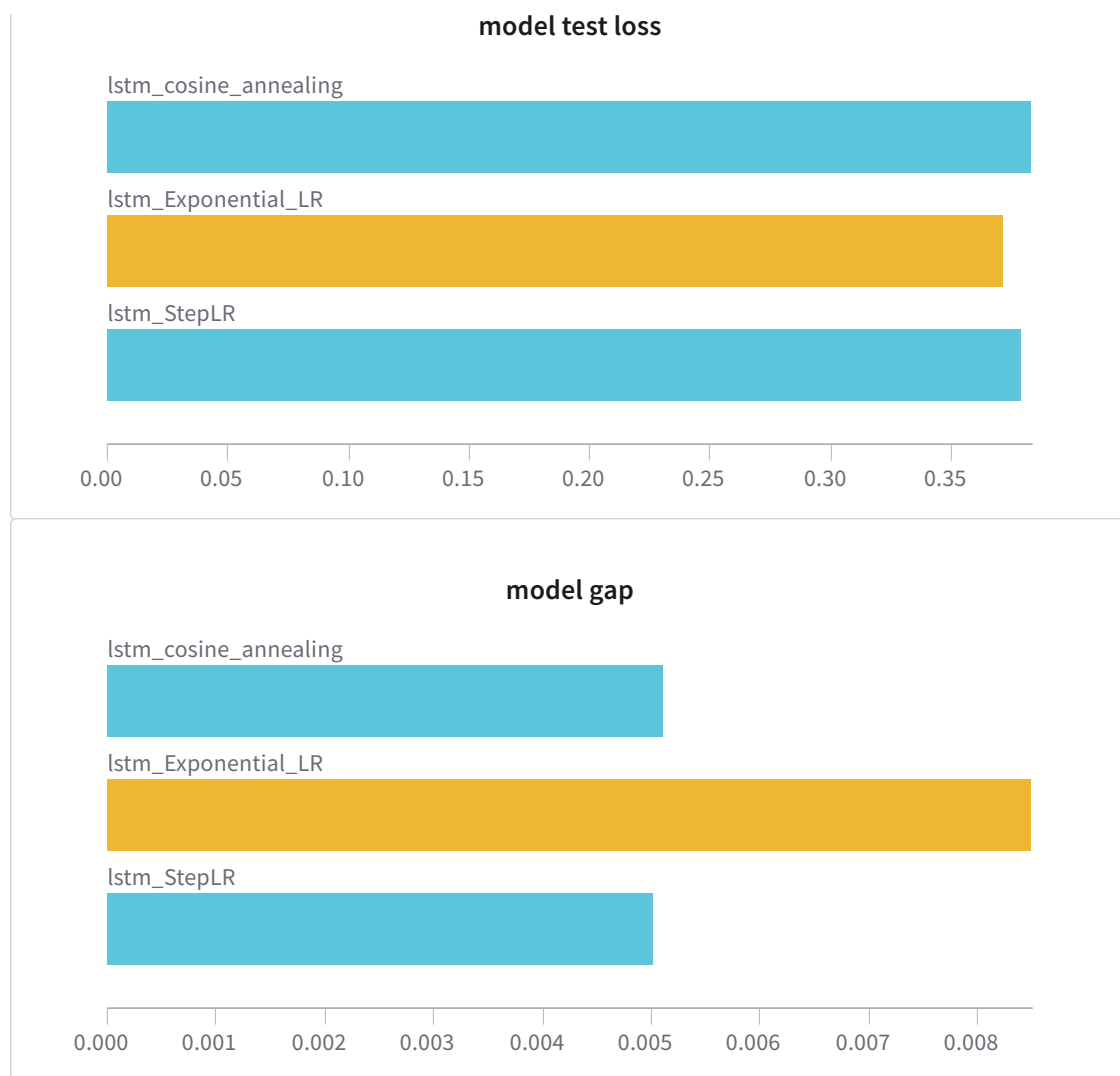
- Not a great deal of impact on overall performance based on average model test loss.
- a large impact on generalization gap. Exponential was much worse than step which surprised me
- A visual inspection of the train - test loss curves shows that StepLR is the most stable. This is not at all what i expected

Michael Kingston

## Section 1

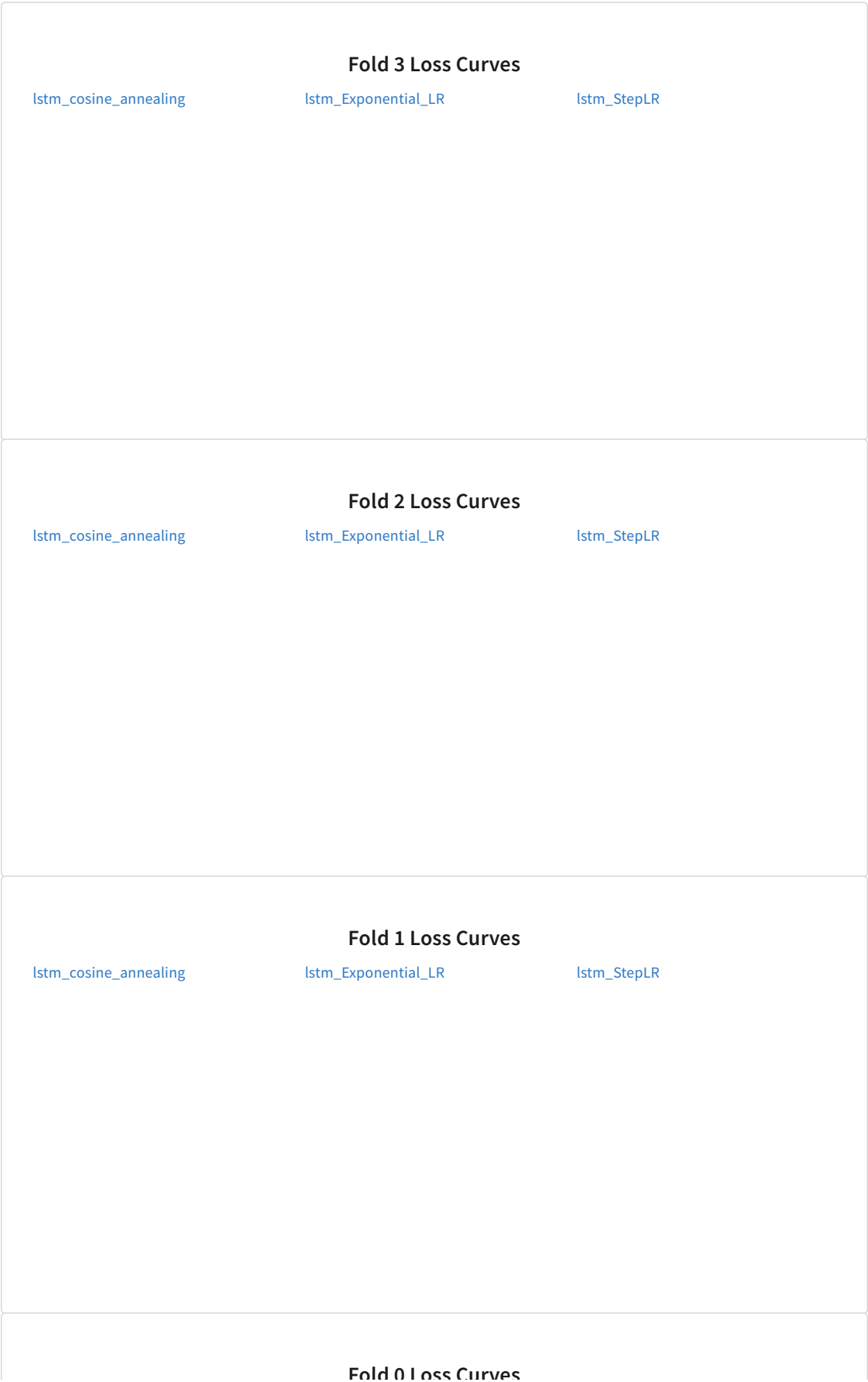


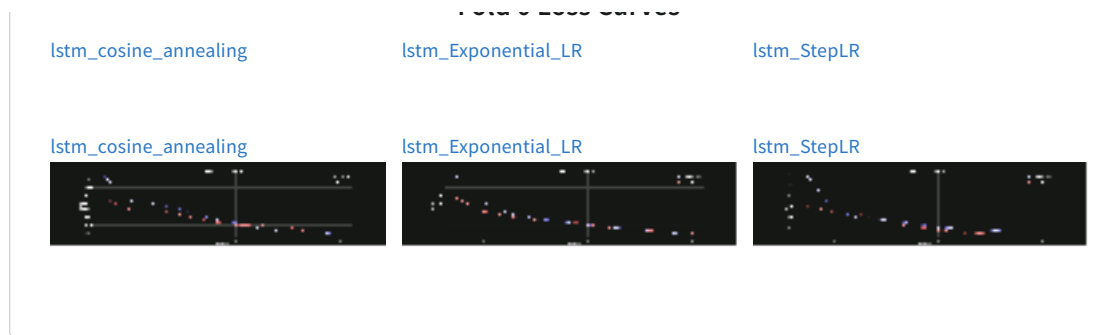


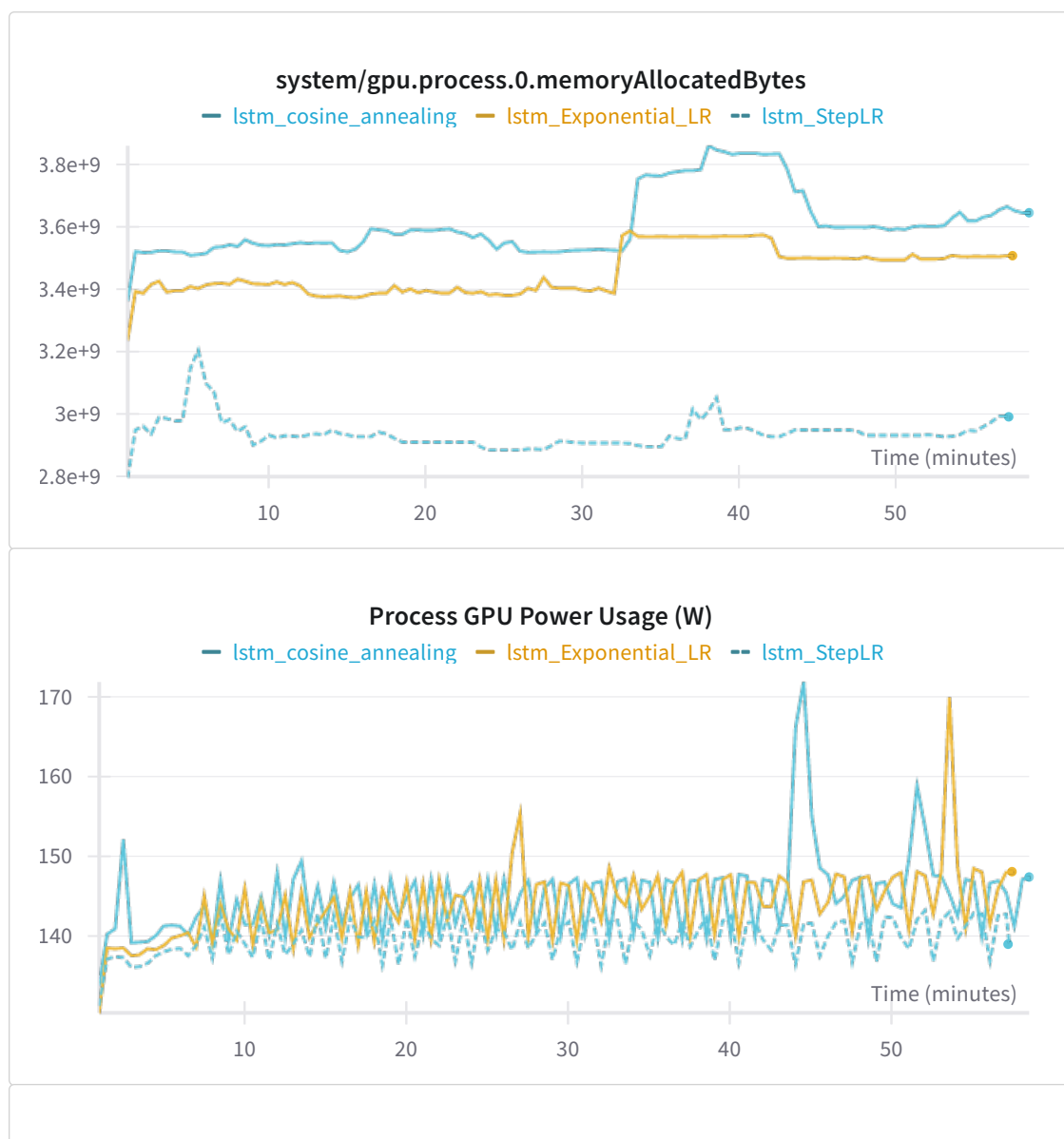




### Fold 4 Loss Curves

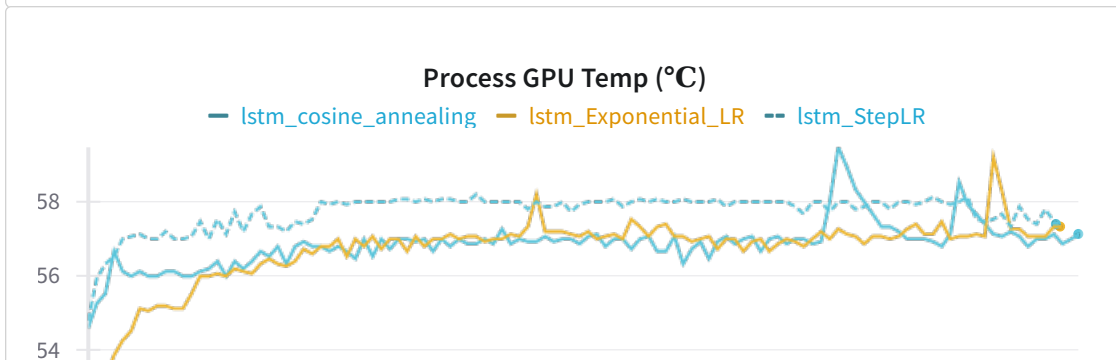
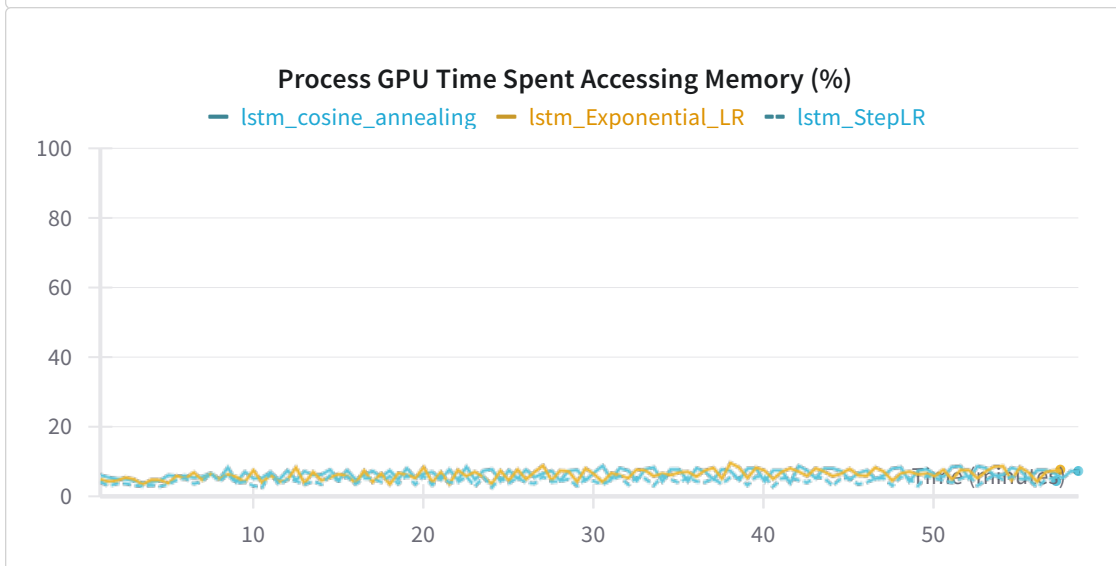
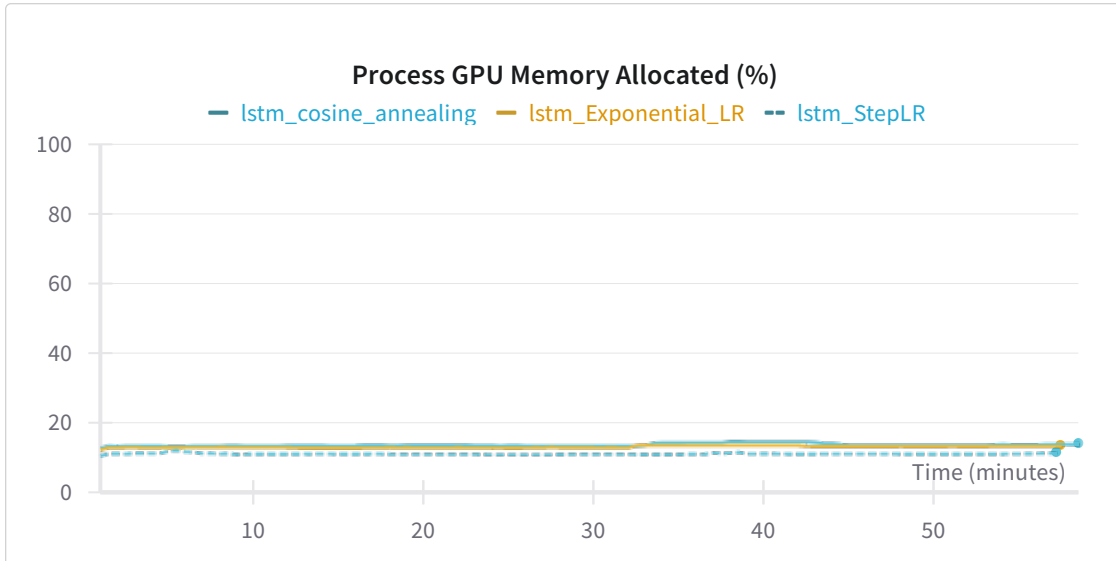


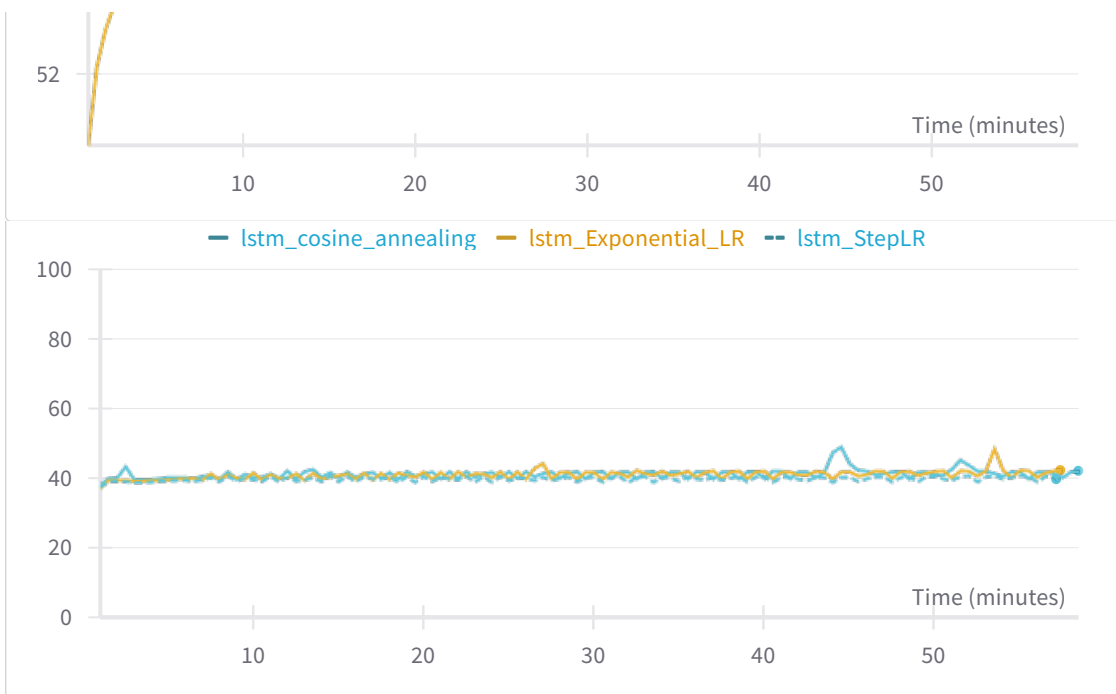






Process GPU Power Usage (%)





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[https://wandb.ai/michael\\_kingston/electricity\\_demand\\_forecasting/reports/A-comparison-of-LR-Schedulers--Vmldzo3NTM1MzMw](https://wandb.ai/michael_kingston/electricity_demand_forecasting/reports/A-comparison-of-LR-Schedulers--Vmldzo3NTM1MzMw)