

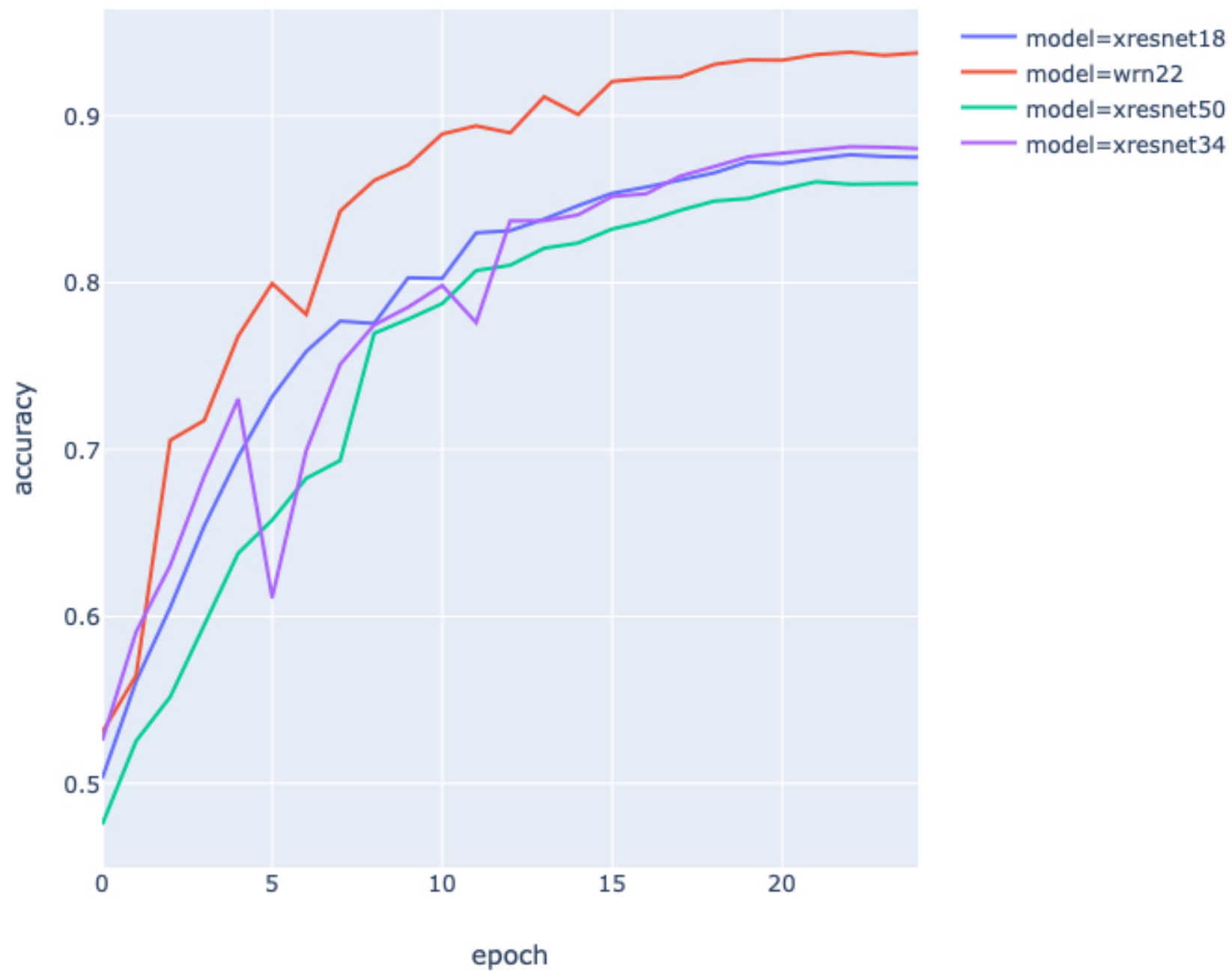
Baseline Performance Plots

Gobind Puniani
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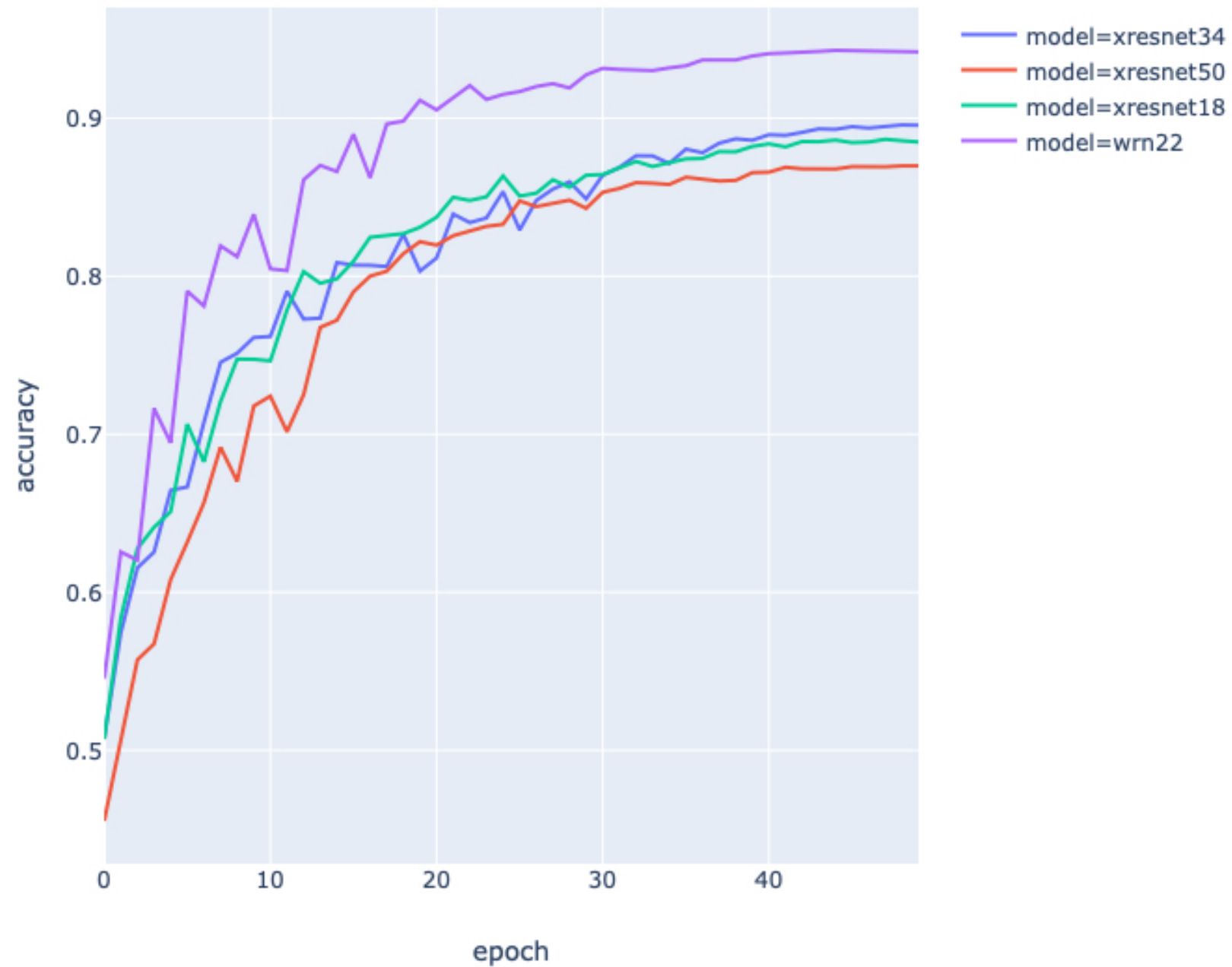
Procedure

- Patrick Manghera helped write the Python script that saved the text files to CSV files
- Wanted 3 plots (25, 50, and 100 epochs)
 - 4 models on each plot
- 3 CSV files read into Jupyter notebook using pandas library
- Plots created using plotly express library (accuracy vs. epoch)

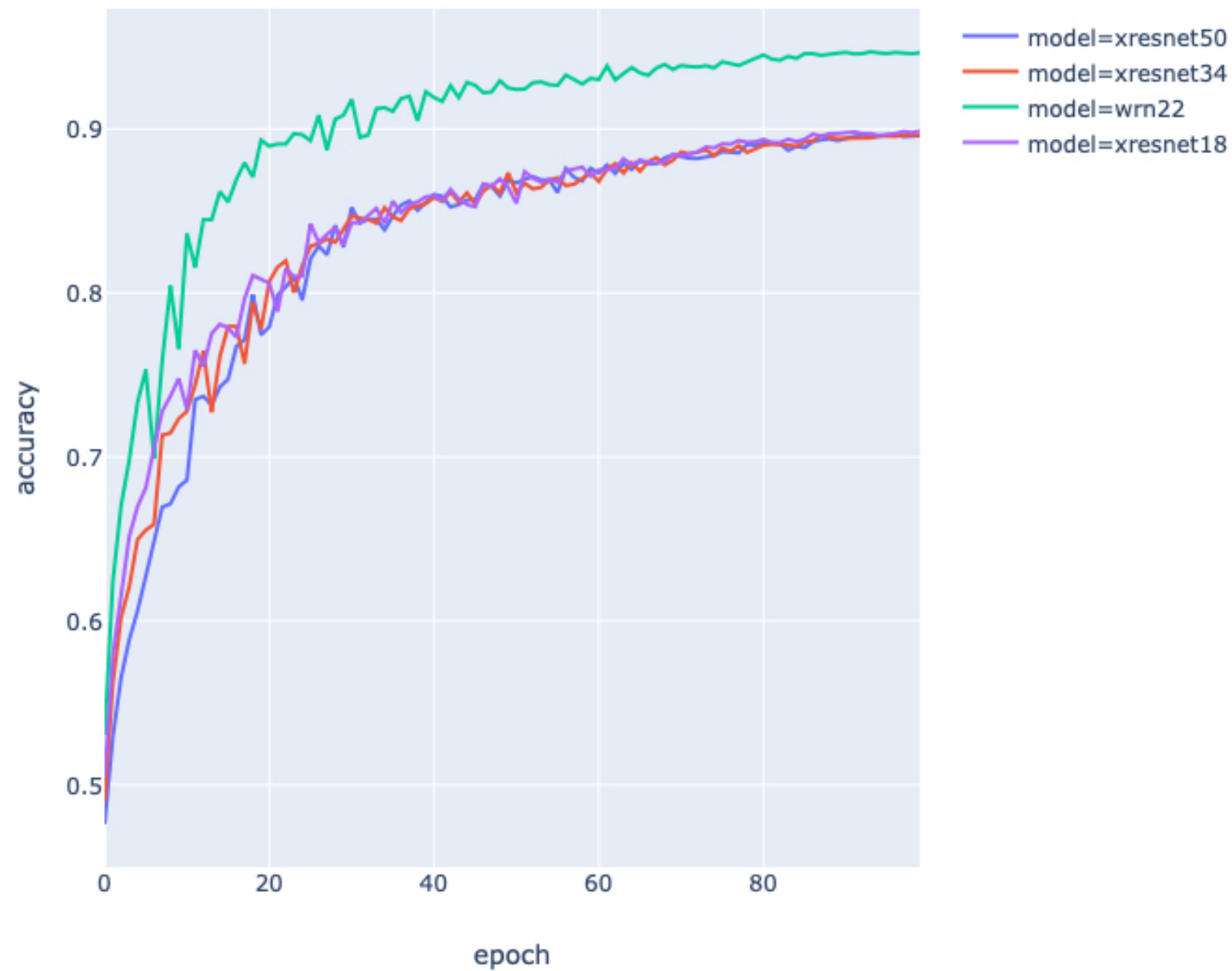
25 Epochs



50 Epochs



100 Epochs



Wide Residual Networks

Summary

- “Widening” residual networks can potentially improve performance better than deepening
 - Fewer layers, less training time
- Deepening networks yields diminishing accuracy gains
 - Longer time to train
 - Additional identity mappings may not enhance learning