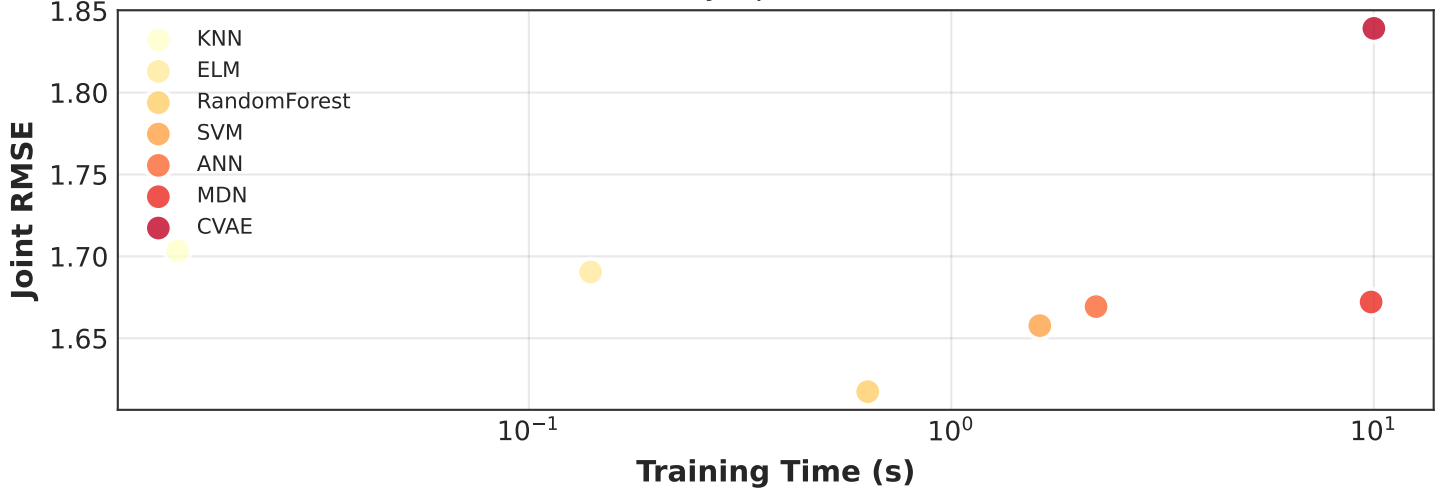
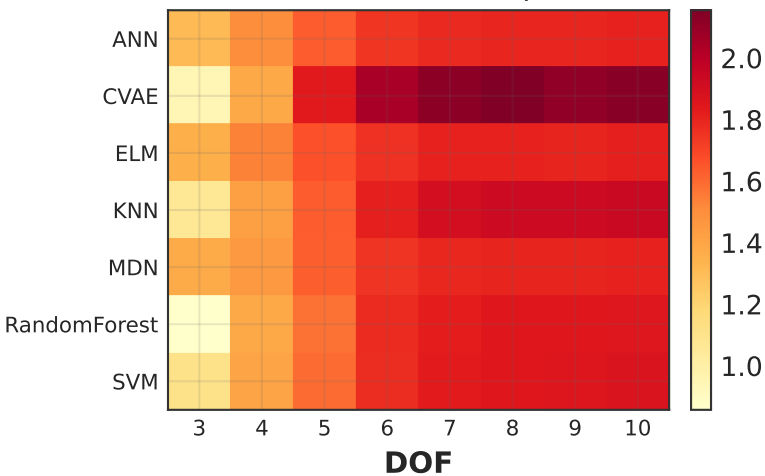


Machine Learning Model Performance Analysis

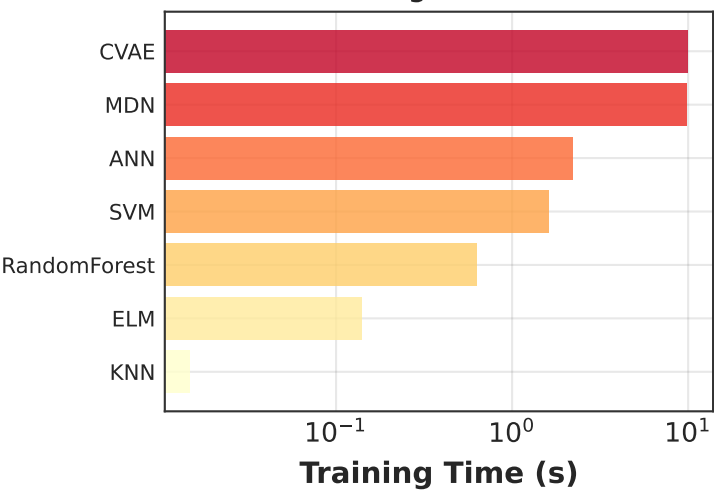
Accuracy-Speed Tradeoff



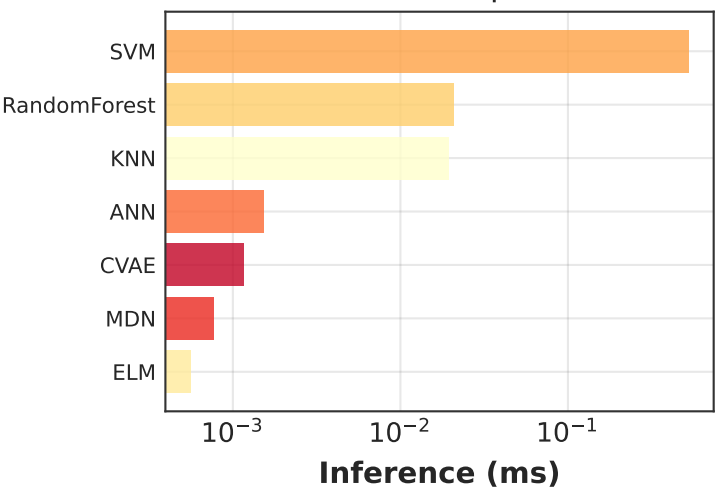
RMSE Heatmap



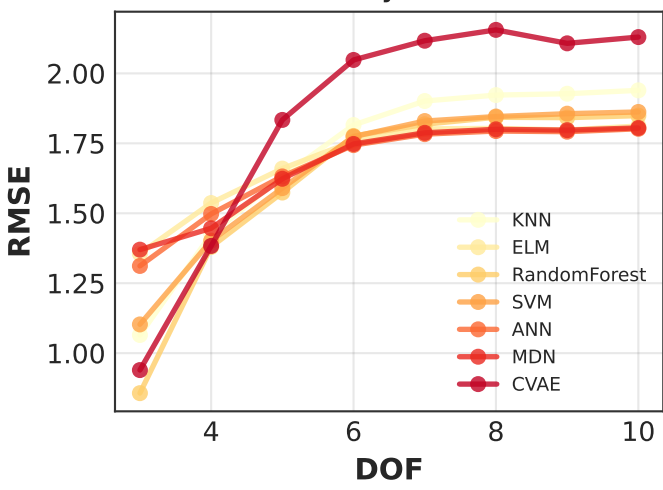
Training Duration



Inference Speed



Accuracy vs DOF



| Model | Avg RMSE | Train (s) | Inference (ms) |
|--------------|----------|-----------|----------------|
| KNN | 1.7033 | 0.01 | 0.02 |
| ELM | 1.6905 | 0.14 | 0.00 |
| RandomForest | 1.6174 | 0.63 | 0.02 |
| SVM | 1.6577 | 1.62 | 0.53 |
| ANN | 1.6693 | 2.20 | 0.00 |
| MDN | 1.6721 | 9.85 | 0.00 |
| CVAE | 1.8392 | 10.00 | 0.00 |