L2 Validation Loss Comparison Line Integral Validation Loss Compar 845.58 Regression Model 635.73 Neural ODE 0.9 Line Integral Loss 425.87 0.8 216.01 0.7 0.6 0.5 0.4 Regression Model 0.3 Neural ODE Line Integral Loss 6.16 0.2 200 200 100 300 100 300 **Epoch Epoch**