LSTM - FiftyWords Linear Regression Surrogate 8.0  $R^2$ : 0.42 ± 0.13 RMSE:  $0.09 \pm 0.01$ MAE:  $0.08 \pm 0.01$ 0.7 0.6 **Predicted Accuracy** 0.5 0.4 0.3 0.2 0.2 0.3 0.5 0.4 0.6 0.7 8.0 **Actual Validation Accuracy**