

TXN –  $d=2$ ,  $s \approx 0.999031$ ,  $\lambda \approx 4.25e+09$ ,  $\hat{m} \approx 0.0000$ ,  $J_{\text{val}} \approx 2.252158e-02$

RMSE<sub>tr</sub> = 0.2044, RMSE<sub>vl</sub> = 0.1501, RMSE<sub>ts</sub> = 0.6718, RMSE<sub>tv</sub> = 0.1922

RMSEW<sub>tr</sub> = 0.1633, RMSEW<sub>vl</sub> = 0.1755, RMSEW<sub>ts</sub> = 0.7665, RMSEW<sub>tv</sub> = 0.1501

