

NOW – $d=2$, $s \approx 0.822591$, $\lambda \approx 17.5$, $\hat{m} \approx -0.0000$, $J_{\text{val}} \approx 8.524301 \text{e-}01$
RMSEtr = 0.9271, RMSEvl = 0.9233, RMSEts = 3.6519, RMSEtv = 0.9262
RMSEWtr = 0.9628, RMSEWvl = 1.0945, RMSEWts = 4.1923, RMSEWtv = 0.957

