

PINS –  $d=4$ ,  $s \approx 0.123862$ ,  $\lambda \approx 0.00256$ ,  $m \approx 0.0000$ ,  $J_{\text{val}} \approx 5.286891e+03$

RMSEtr = 10348.6514, RMSEvl = 72.7110, RMSEts = 3782.4613, RMSEtv = 8964  
SEWtr = 4275.9696, RMSEWvl = 81.9183, RMSEWts = 4858.7887, RMSEWtv = 3

