

PINS –  $d=3$ ,  $s \approx 0.848993$ ,  $\lambda \approx 120$ ,  $m \approx 0.0000$ ,  $J_{\text{val}} \approx 1.081100e+04$

RMSEtr = 114.7028, RMSEvl = 103.9760, RMSEts = 724.6509, RMSEtv = 112.1212  
RMSEWtr = 92.4192, RMSEWvl = 134.9603, RMSEWts = 869.3634, RMSEWtv = 99.9999

