

PINS –  $d=3$ ,  $s \approx 0.643029$ ,  $\lambda \approx 1.04$ ,  $m \approx -0.0000$ ,  $J_{\text{val}} \approx 4.401536e+01$

RMSEtr = 1164.4116, RMSEvl = 6.6344, RMSEts = 203.1326, RMSEtv = 1008.66  
RMSEWtr = 600.6225, RMSEWvl = 7.2645, RMSEWts = 257.6375, RMSEWtv = 450.66

