

SHOP –  $d=3$ ,  $s \approx 0.931768$ ,  $\lambda \approx 1.29e+04$ ,  $\hat{m} \approx 0.0000$ ,  $J\_val \approx 6.963875e-01$   
RMSEtr = 311.8174, RMSEvl = 0.8345, RMSEts = 44.8296, RMSEtv = 270.084  
RMSEWtr = 161.8433, RMSEWvl = 1.0233, RMSEWts = 57.0871, RMSEWtv = 121

