

COST –  $d=2$ ,  $s \approx 0.943021$ ,  $\lambda \approx 1.46e+03$ ,  $\hat{m} \approx 0.0000$ ,  $J_{\text{val}} \approx 3.854244e+00$

RMSEtr = 1.9389, RMSEvl = 1.9632, RMSEts = 6.3267, RMSEtv = 1.9450

RMSEWtr = 1.7780, RMSEWvl = 2.4229, RMSEWts = 7.1034, RMSEWtv = 1.894

