

AMAT – $d=4$, $s \approx 0.948320$, $\lambda \approx 2.29e+06$, $\hat{m} \approx -0.0000$, $J_{\text{val}} \approx 5.249440e+02$
RMSEtr = 19766.4897, RMSEvl = 22.9117, RMSEts = 2087.3450, RMSEtv = 17119.0
RMSEWtr = 9100.3890, RMSEWvl = 27.1016, RMSEWts = 2700.9178, RMSEWtv = 6.0

