SHOP – d=2, s≈0.972619, λ≈2.56e+04, m̂≈-0.0000, J_val≈6.625263e-01
RMSEtr = 1.1578, RMSEvl = 0.8140, RMSEts = 2.0370, RMSEtv = 1.0822
RMSEWtr = 0.6922, RMSEWvl = 0.7828, RMSEWts = 2.5310, RMSEWtv = 0.745