MU − d=2, s≈0.998423, λ≈9.92e+08, m̂≈0.0000, J_val≈3.927375e-02
RMSEtr = 1.2713, RMSEvl = 0.1982, RMSEts = 0.4313, RMSEtv = 1.1055
RMSEWtr = 0.8708, RMSEWvl = 0.2212, RMSEWts = 0.4352, RMSEWtv = 0.666