UBER – d=2, s≈0.951505, λ≈2.65e+03, m̂≈-0.0000, J_val≈1.145714e+00
RMSEtr = 0.4108, RMSEvl = 1.0704, RMSEts = 2.5095, RMSEtv = 0.6424
RMSEWtr = 0.2922, RMSEWvl = 1.2835, RMSEWts = 2.7888, RMSEWtv = 0.76