DOCU – d=2, s≈0.987230, λ≈4.54e+05, m̂≈-0.0000, J_val≈3.451636e+00
RMSEtr = 0.8731, RMSEvl = 1.8579, RMSEts = 5.9660, RMSEtv = 1.1974
RMSEWtr = 0.6594, RMSEWvl = 2.2866, RMSEWts = 6.7038, RMSEWtv = 1.365