DDOG − d=1, s≈0.921351, λ≈39.7, m̂≈0.0011, J_val≈1.079230e-02
RMSEtr = 0.5568, RMSEvl = 0.1039, RMSEts = 0.2326, RMSEtv = 0.4850
RMSEWtr = 0.5480, RMSEWvl = 0.1000, RMSEWts = 0.2417, RMSEWtv = 0.41