AMAT – d=1, s≈0.981171, λ≈690, m̂≈0.0006, J_val≈3.268717e-01
RMSEtr = 0.2788, RMSEvl = 0.5717, RMSEts = 0.6557, RMSEtv = 0.3742
RMSEWtr = 0.2760, RMSEWvl = 0.6571, RMSEWts = 0.6879, RMSEWtv = 0.438