LRCX – d=2, s≈0.993095, λ≈5.45e+06, m̂≈0.0000, J_val≈7.332770e-02
RMSEtr = 0.6737, RMSEvl = 0.2708, RMSEts = 0.8580, RMSEtv = 0.5990
RMSEWtr = 0.4935, RMSEWvl = 0.3086, RMSEWts = 0.9649, RMSEWtv = 0.412