Convergence chart of tested models on Phoneme dataset 0.75 0.70 SSO 0.65 0.60 **GBO-ANFIS ARO-ANFIS RIME-ANFIS** 0.55 **QLE-SCA-ANFIS AAEO-ANFIS SMA-ANFIS** 50 100 150 200 250 300 0 Epoch