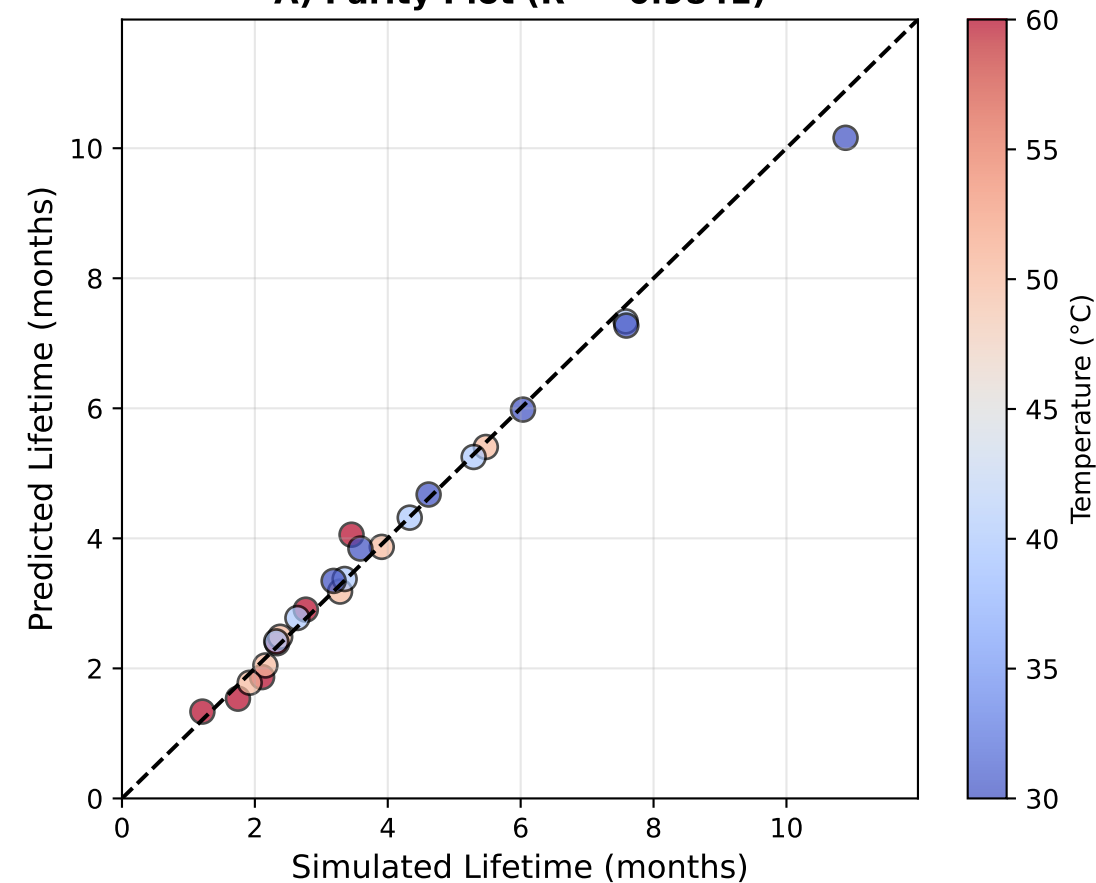
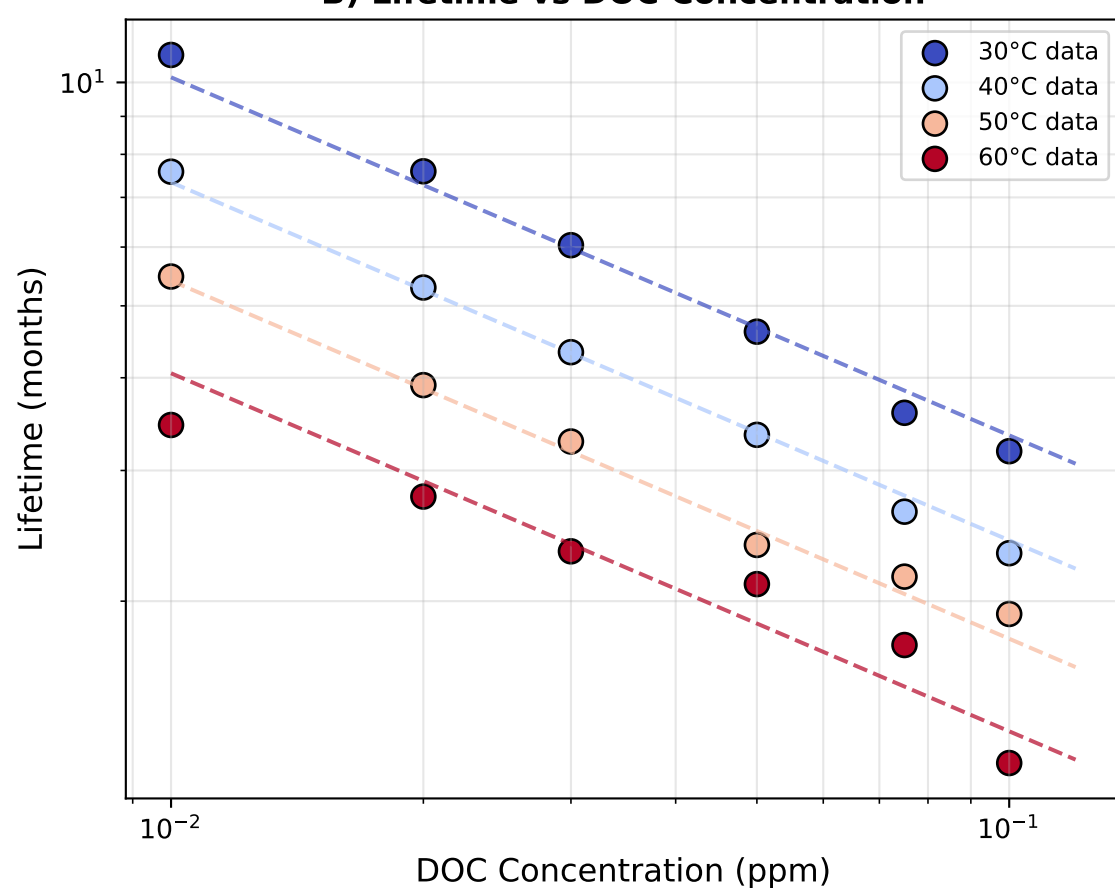
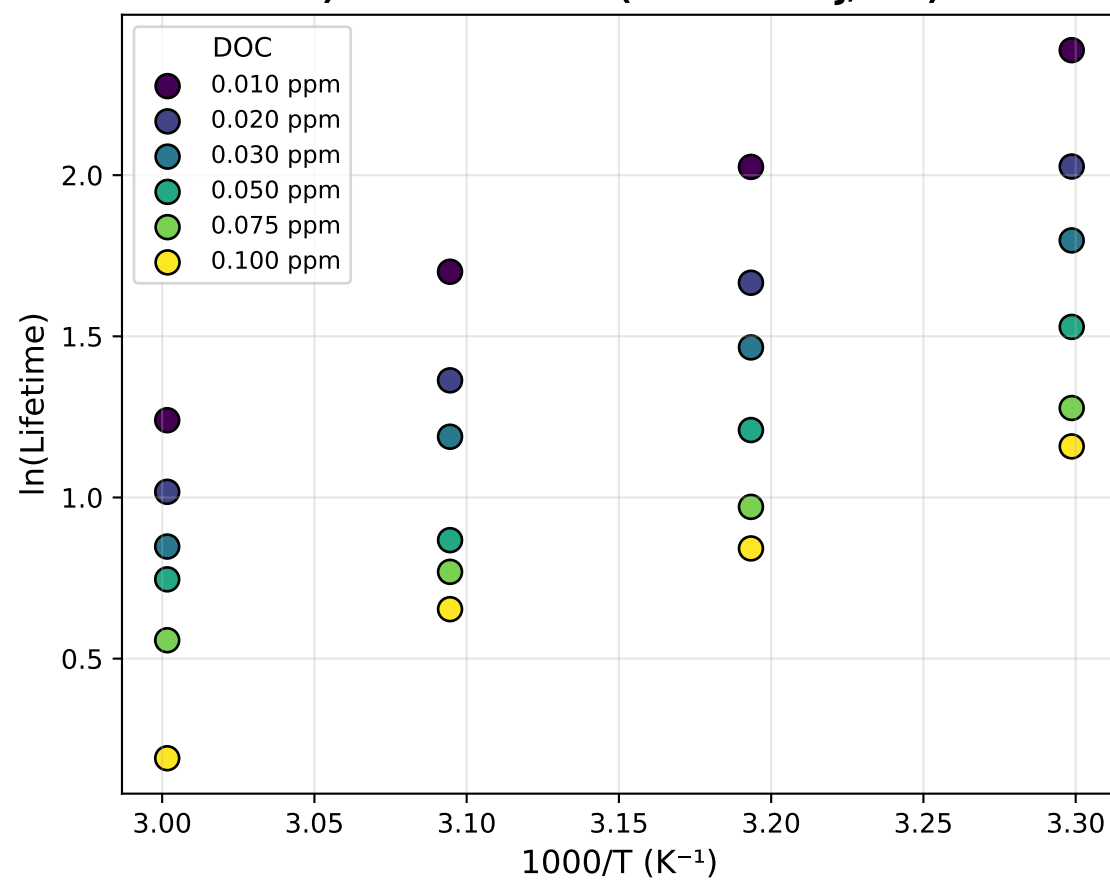


A) Parity Plot ($R^2 = 0.9841$)**B) Lifetime vs DOC Concentration****C) Arrhenius Plot ($E_a = 25.7$ kJ/mol)****D) Prediction Residuals**