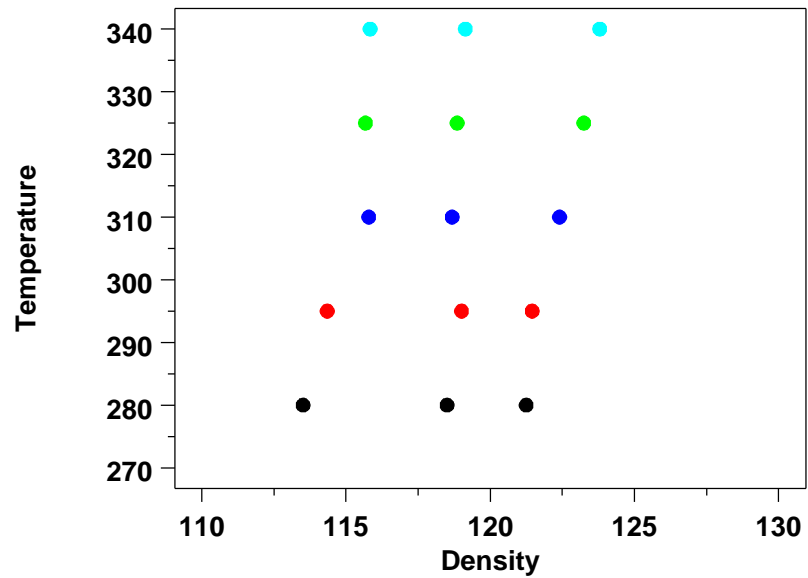
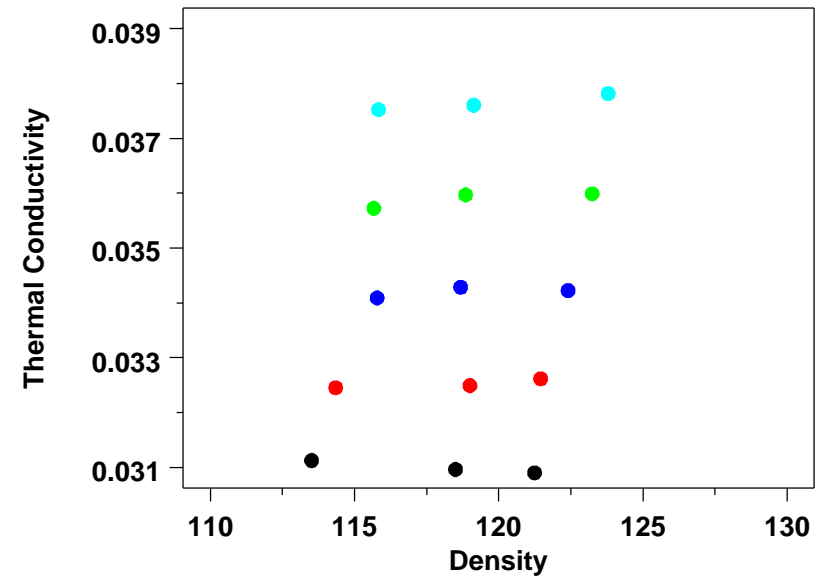
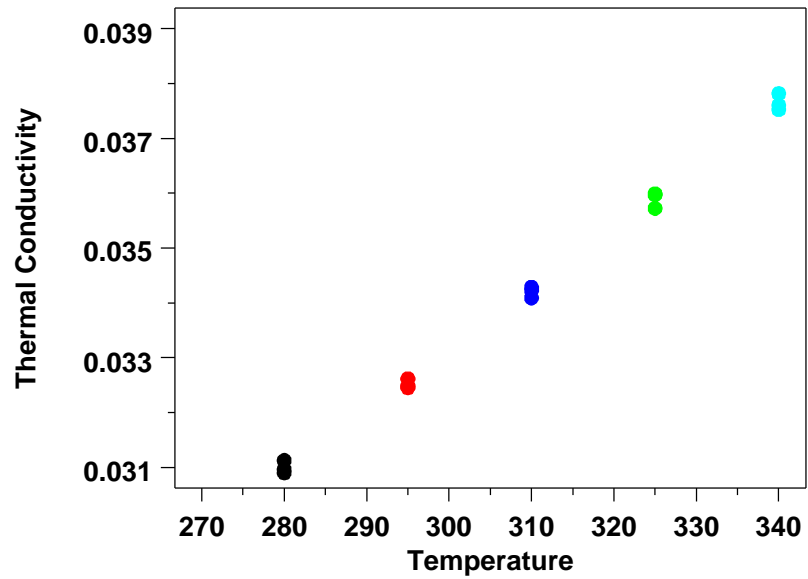
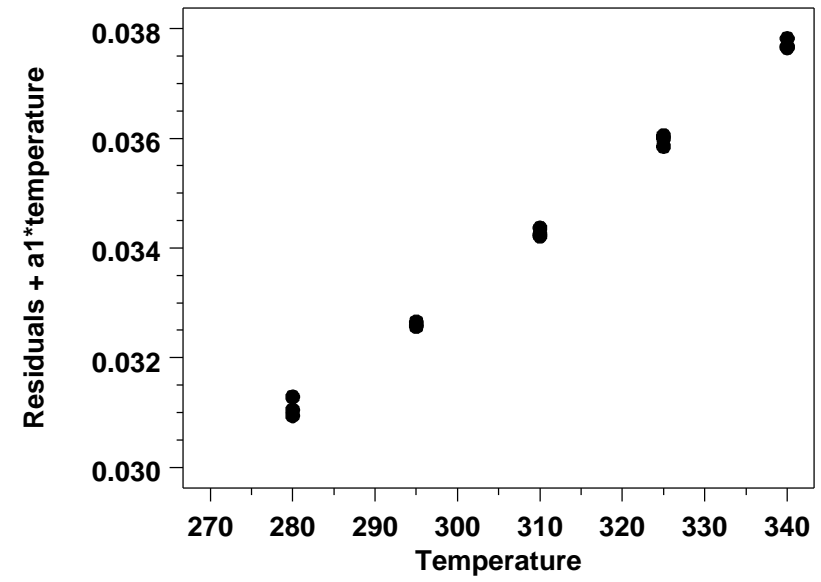
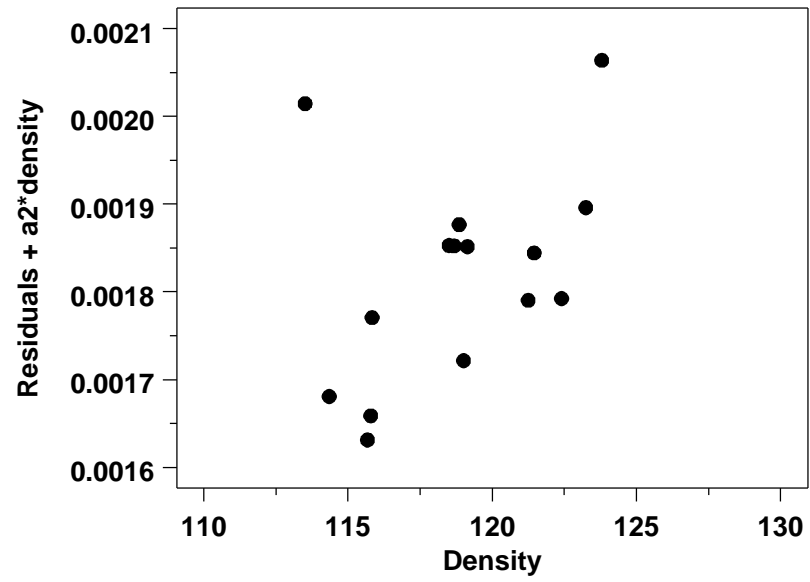


Dataset 1450d: Raw Data



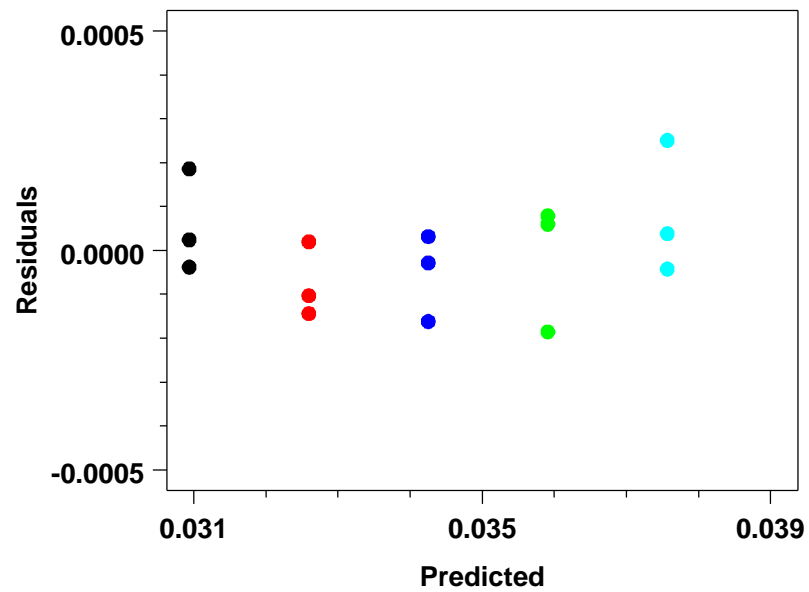
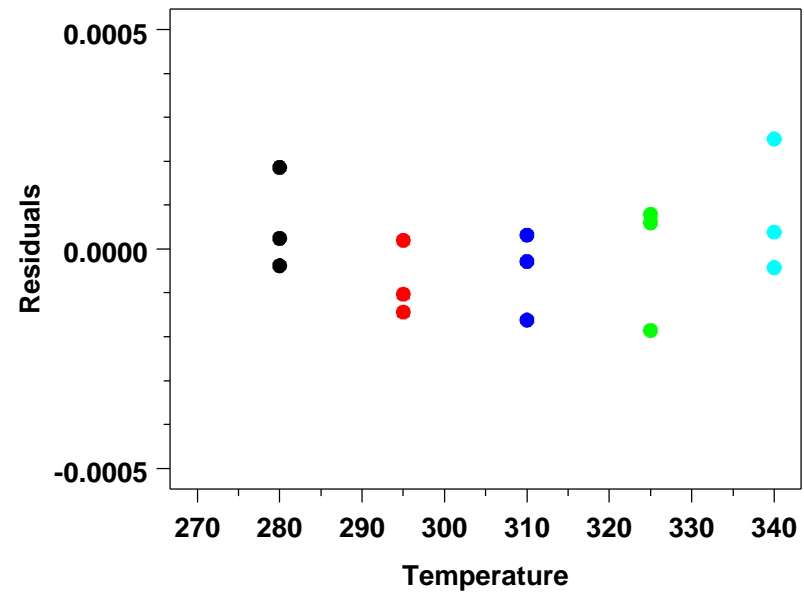
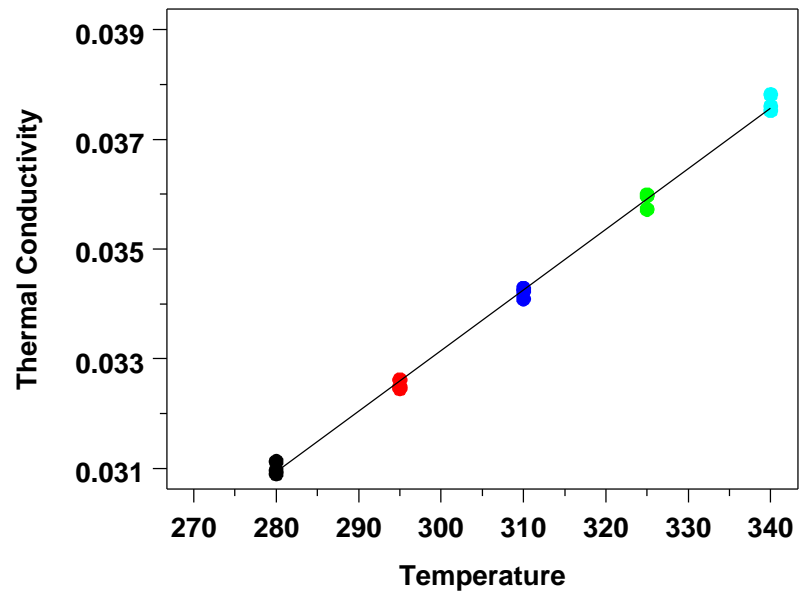
- - Temperature < 290
- - 290 < Temperature < 300
- - 305 < Temperature < 315
- - 320 < Temperature < 335
- - Temperature > 335

Dataset 1450d: Partial Residual Plots



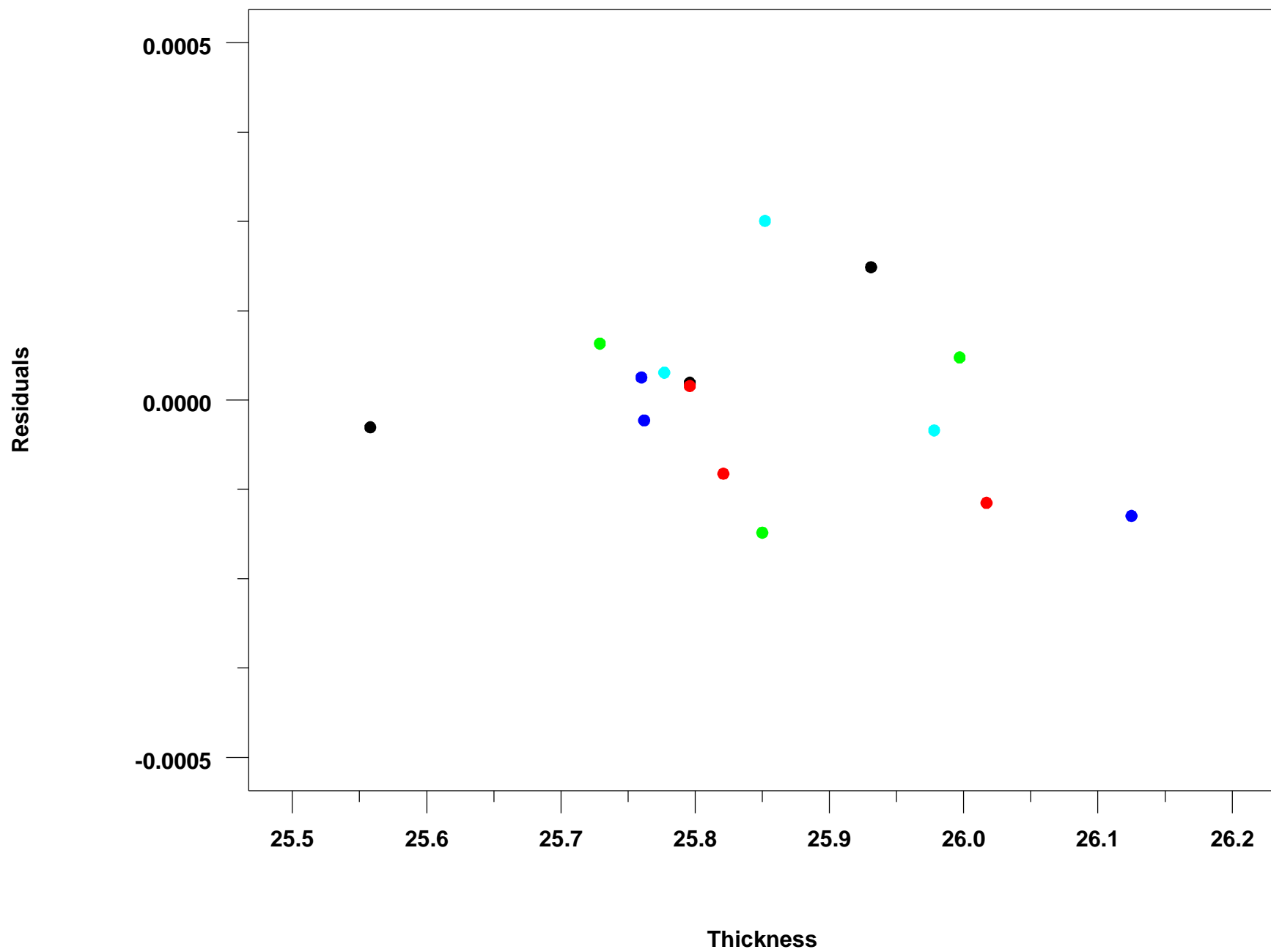
1450d Dataset Model 1: $k = 0.0001104889 \cdot t$

RESSD: 0.000121571, BIC: -267.7423291

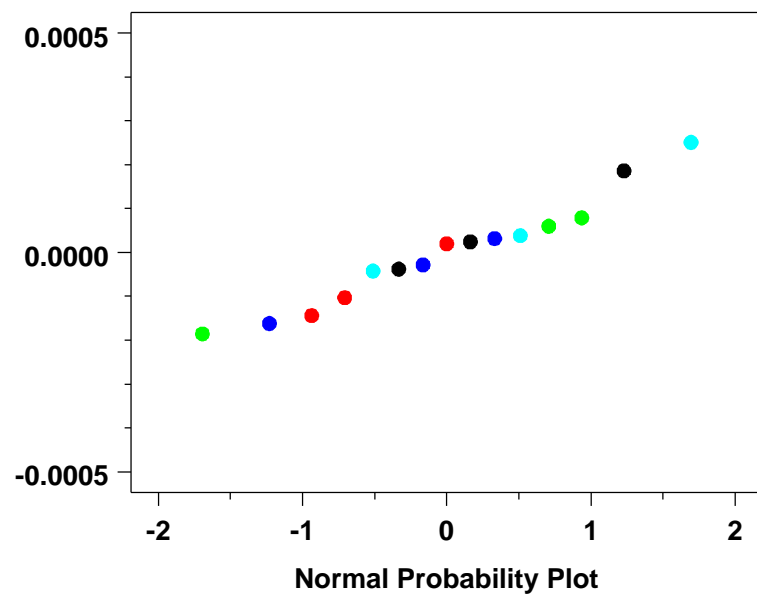
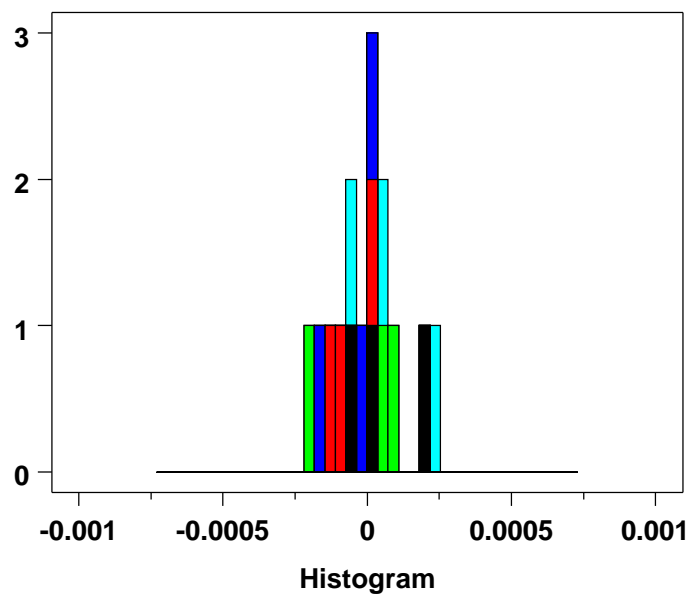
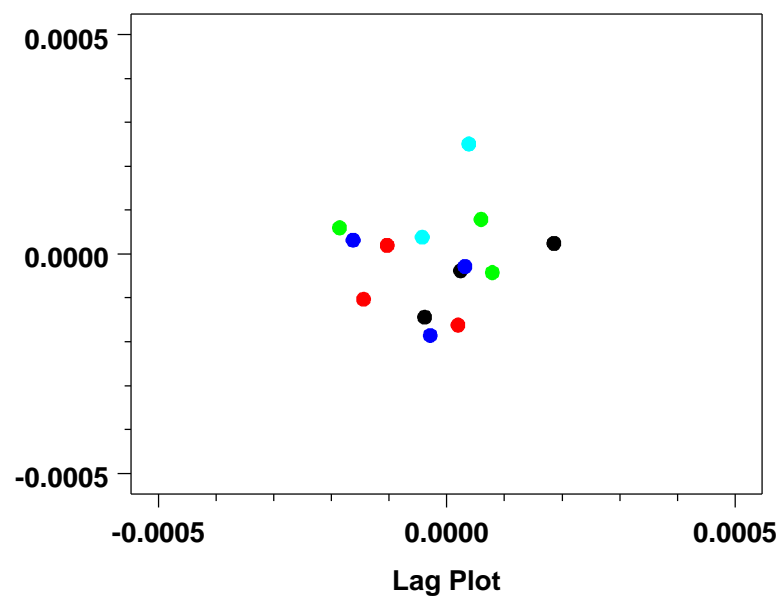
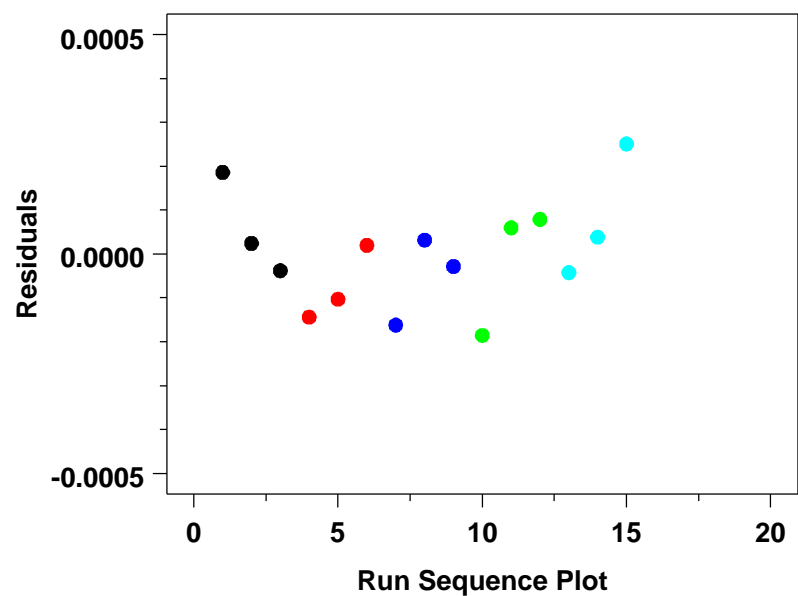


- - Temperature < 290
- - 290 < Temperature < 300
- - 305 < Temperature < 315
- - 320 < Temperature < 335
- - Temperature > 335

1450d Dataset Model 1: Nuisance Factors Versus Residuals



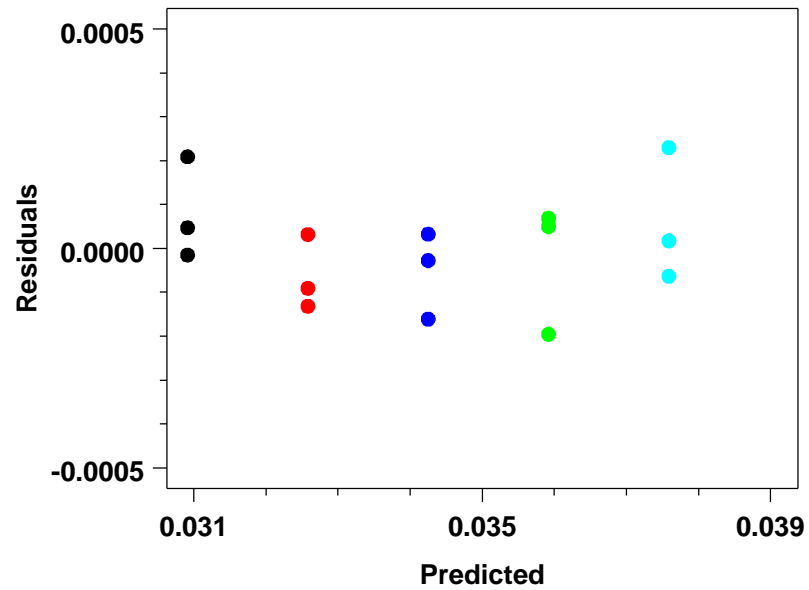
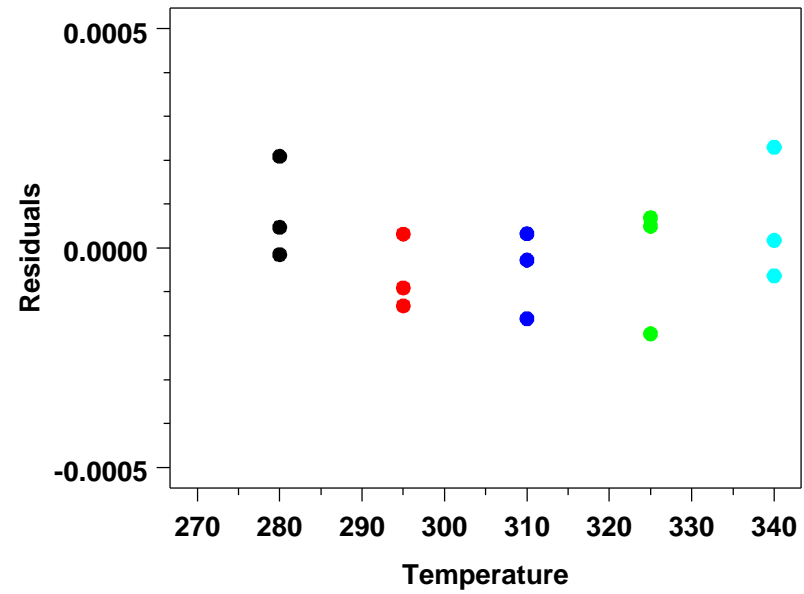
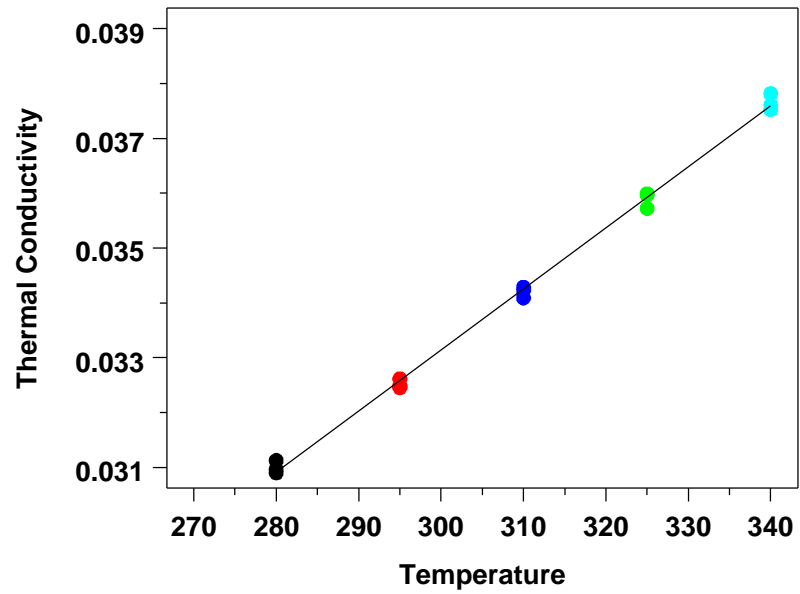
1450d Dataset Model 1: 4-Plot of the Residuals



PPCC = 0.9801

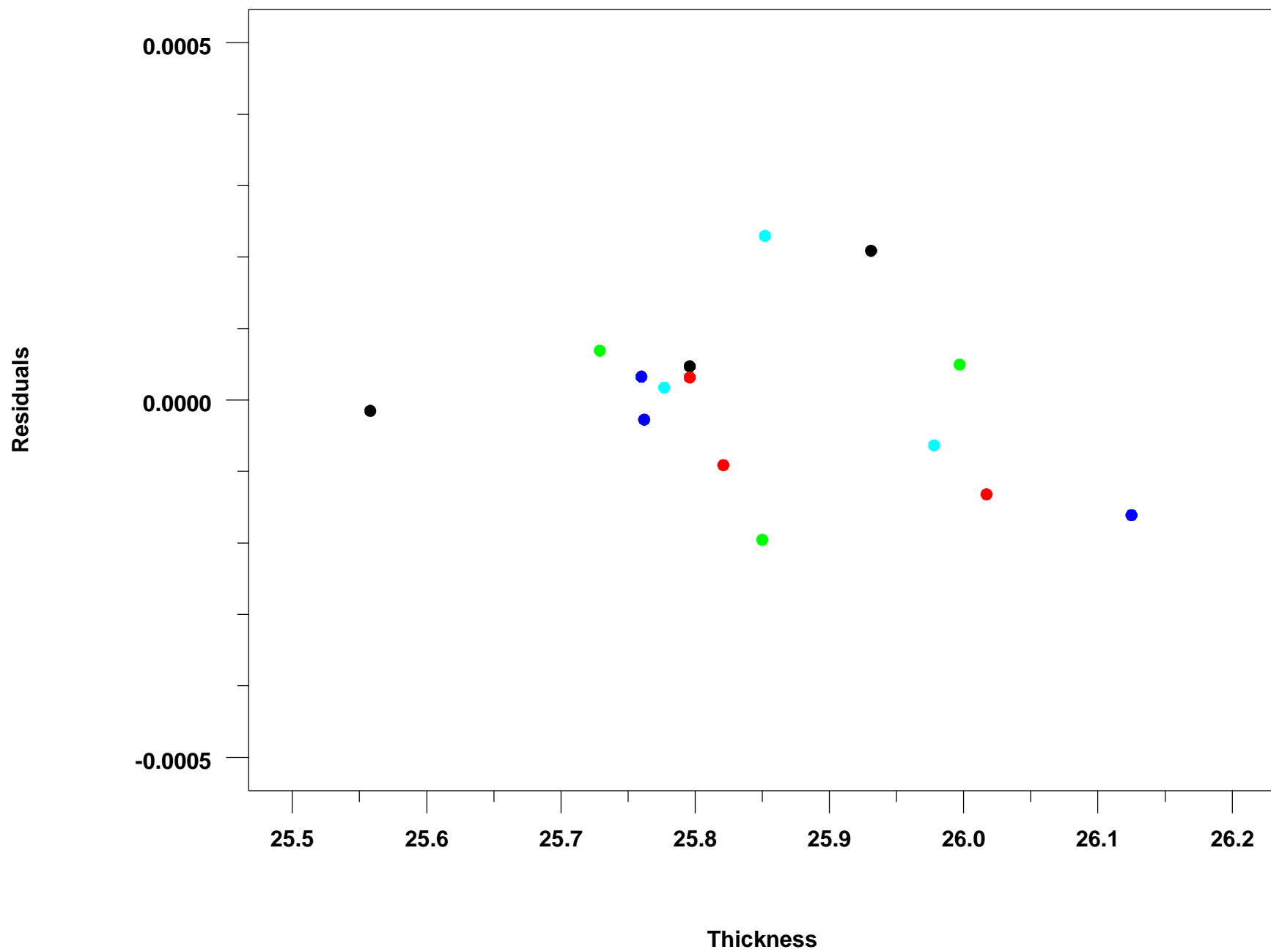
1450d Dataset Model 2: $k = -0.000228382 + 0.0001112221 \cdot t$

RESSD: 0.0001250435, BIC: -264.189368

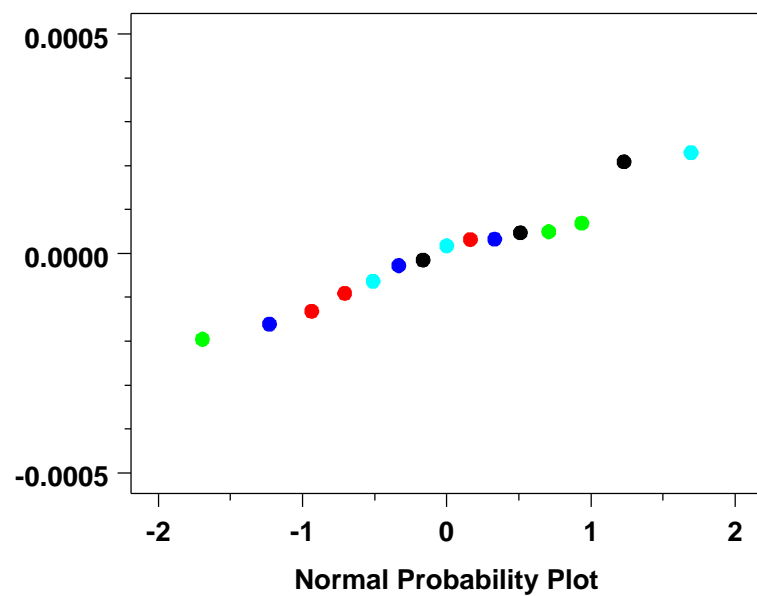
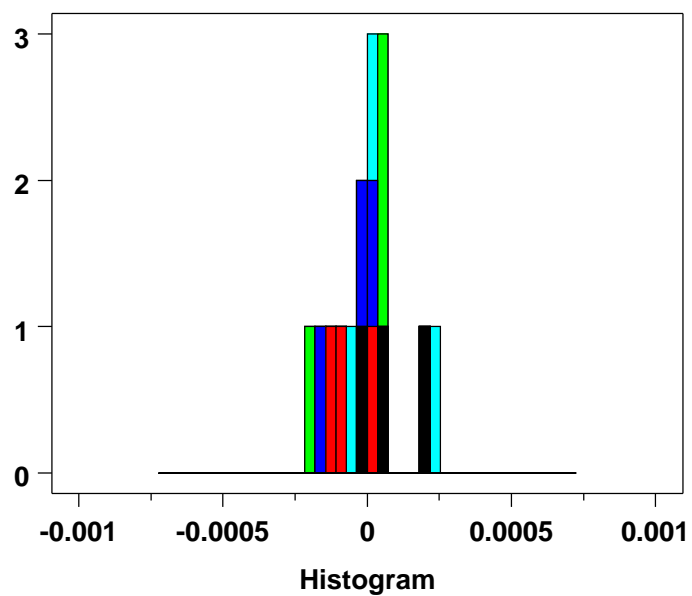
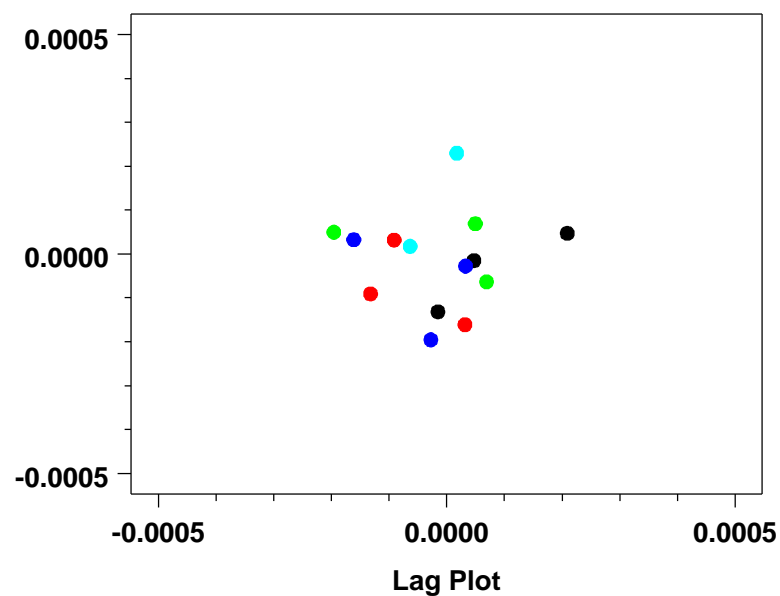
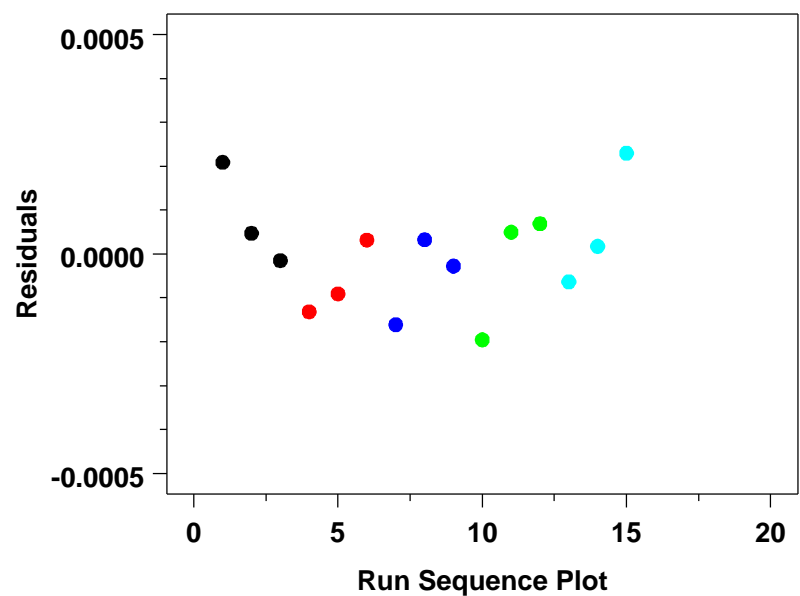


- - Temperature < 290
- - 290 < Temperature < 300
- - 305 < Temperature < 315
- - 320 < Temperature < 335
- - Temperature > 335

1450d Dataset Model 2: Nuisance Factors Versus Residuals



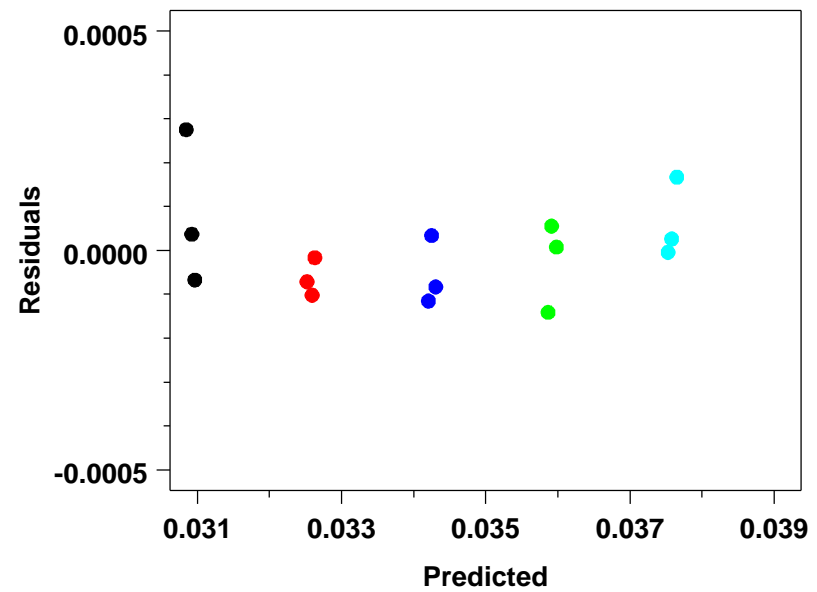
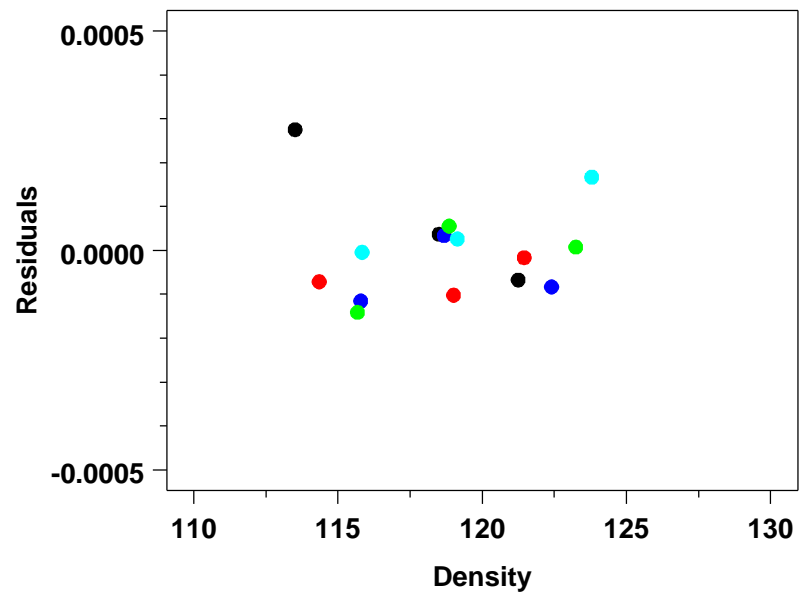
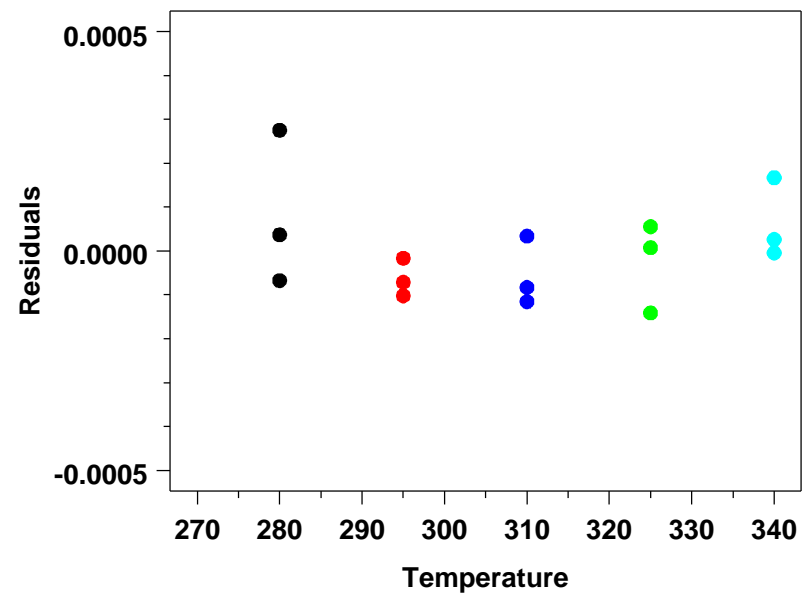
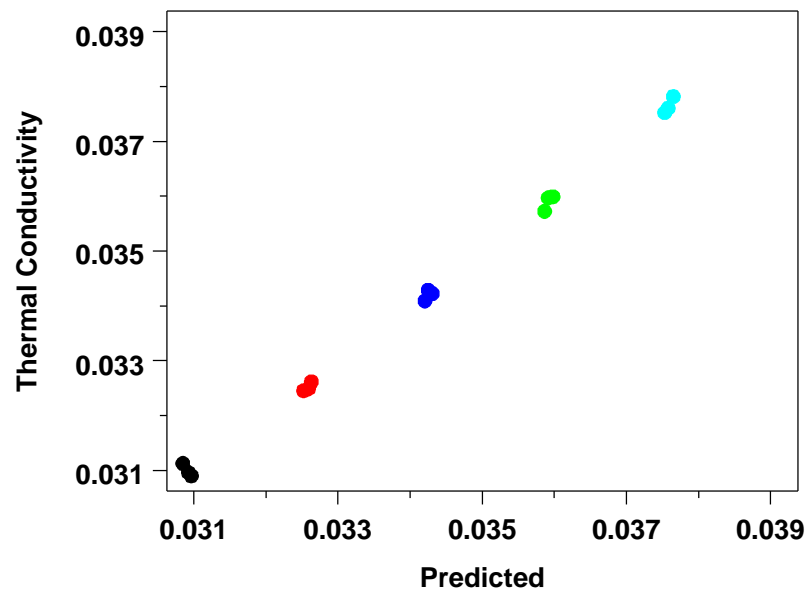
1450d Dataset Model 2: 4-Plot of the Residuals



PPCC = 0.9783

1450d Dataset Model 3: $k = -0.001900735 + 0.0001107464 \cdot t + 0.000015323 \cdot d$

RESSD: 0.0001191739, BIC: -262.923659



● - Temperature < 290

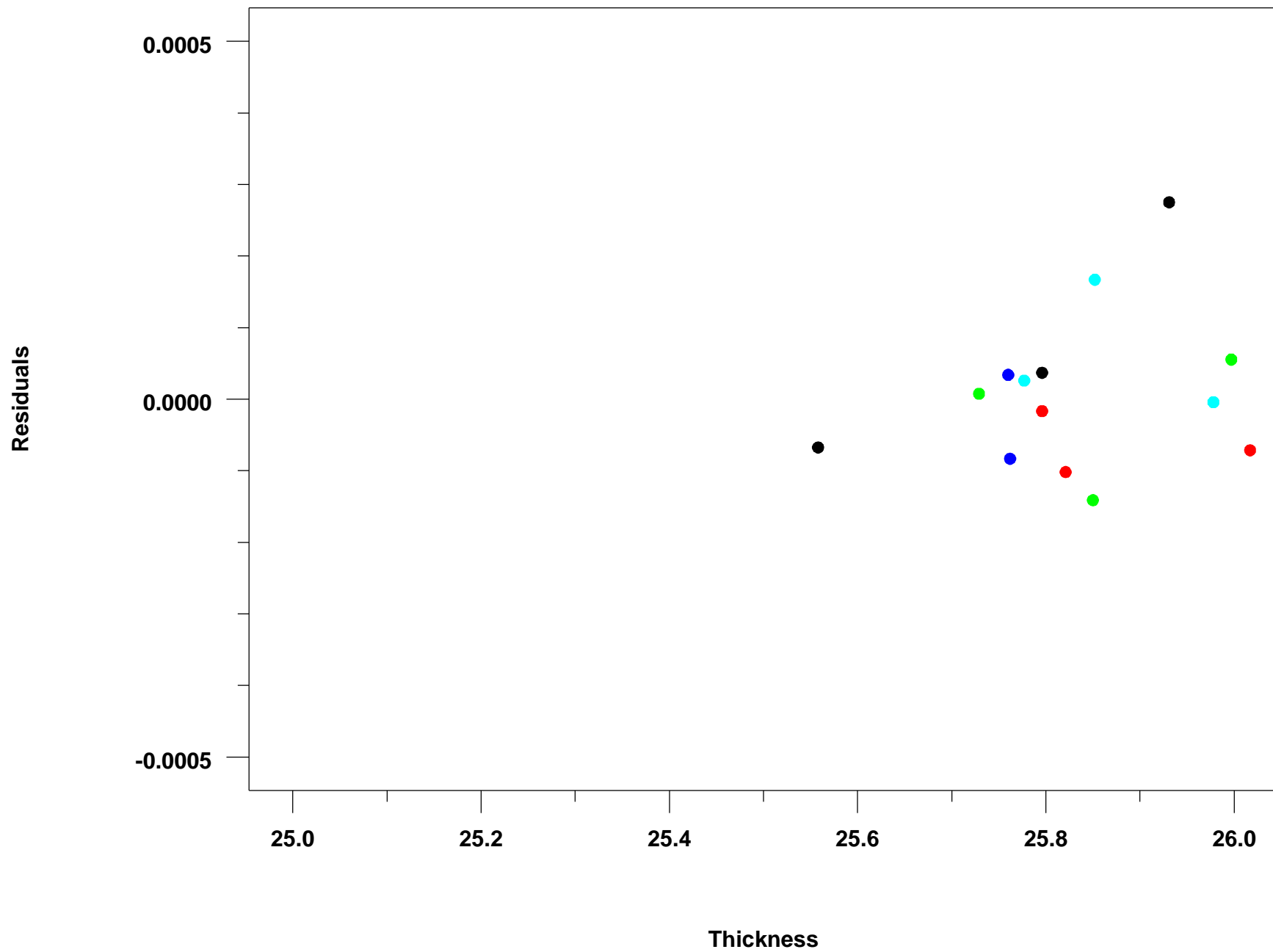
● - 290 < Temperature < 300

● - 305 < Temperature < 315

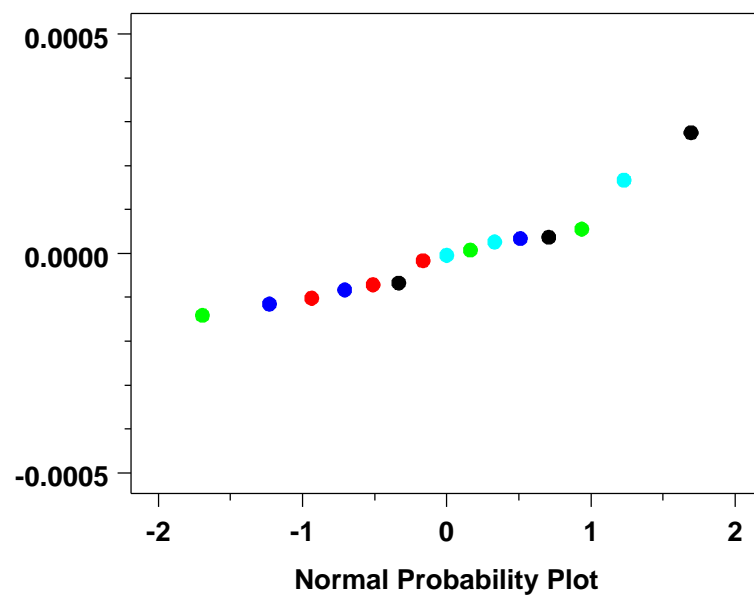
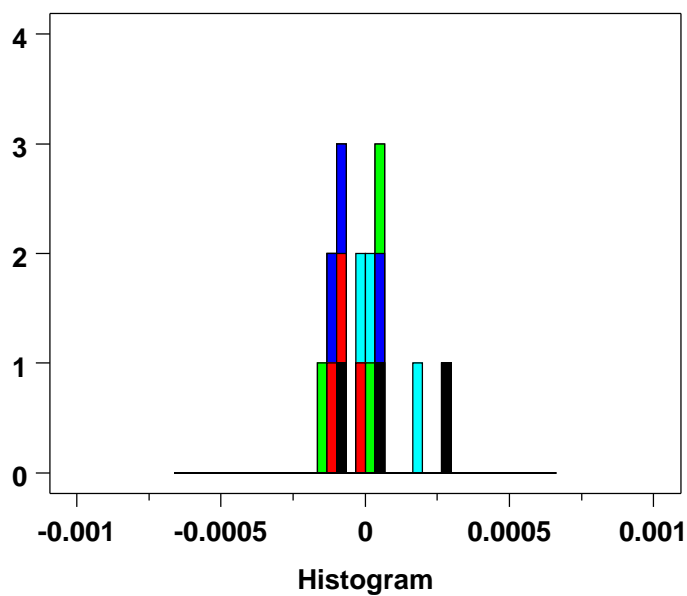
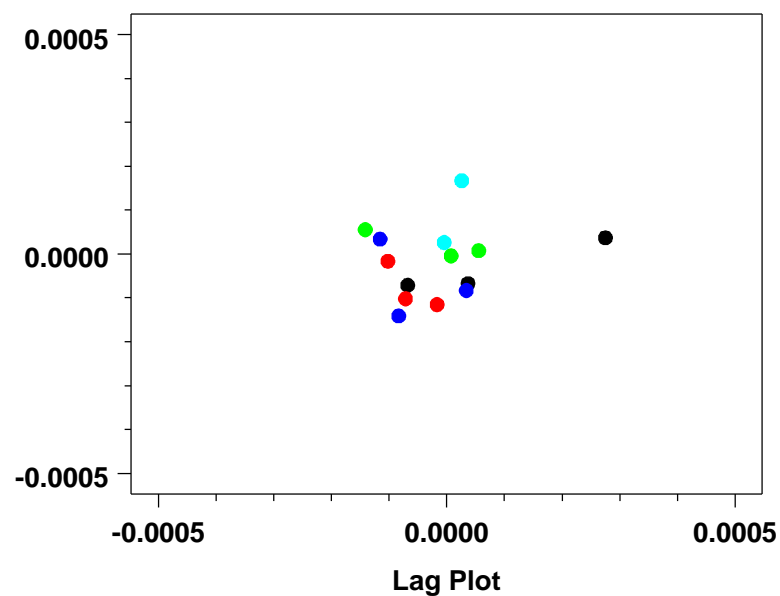
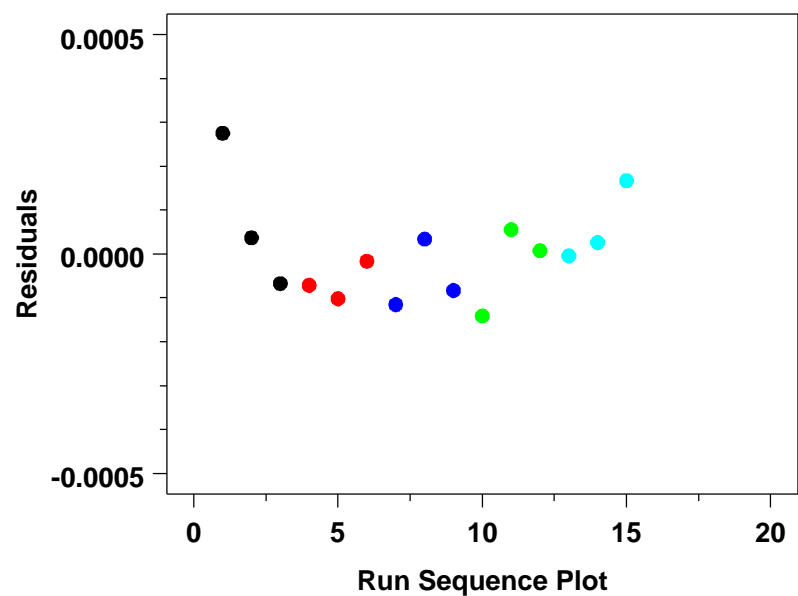
● - 320 < Temperature < 335

● - Temperature > 335

1450d Dataset Model 3: Nuisance Factors Versus Residuals



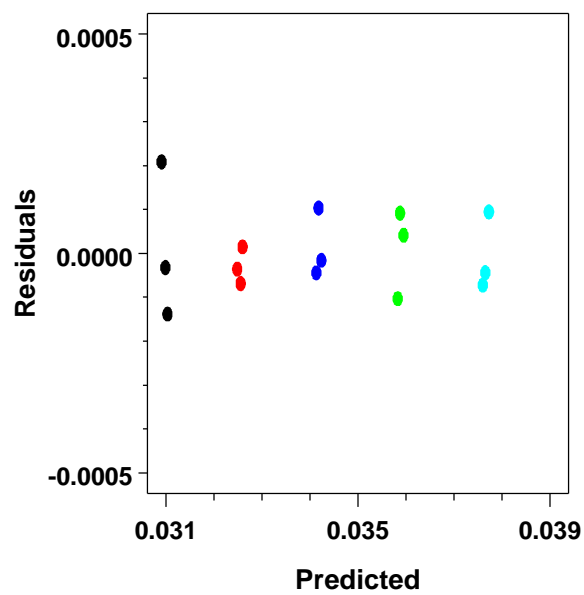
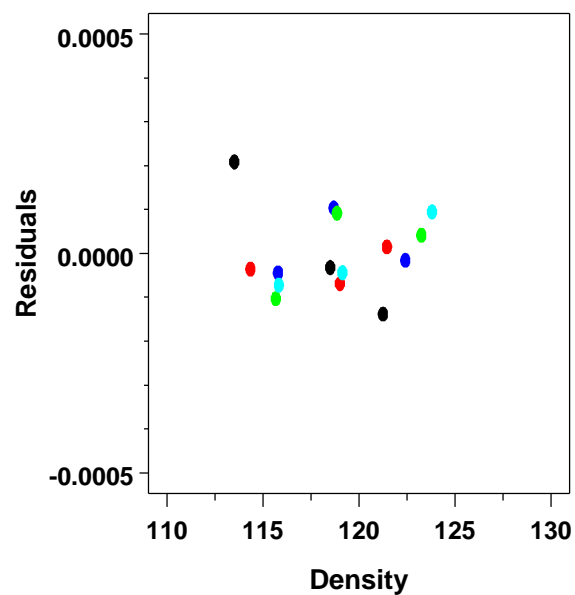
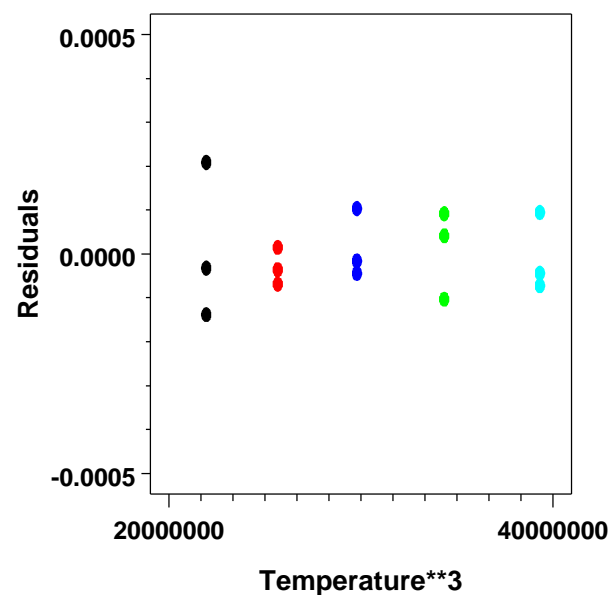
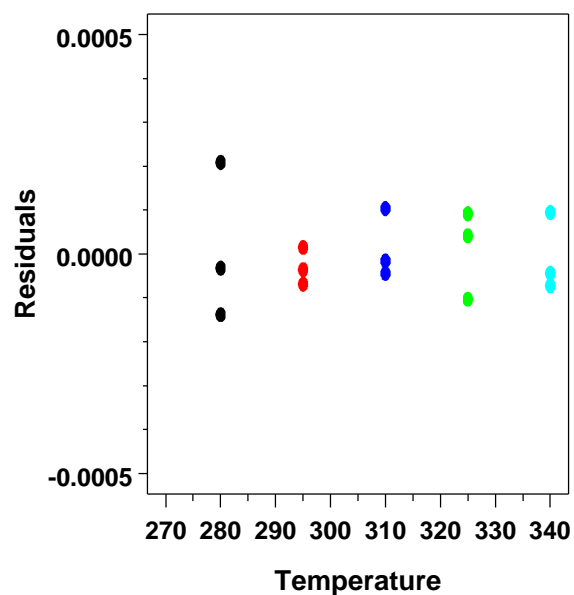
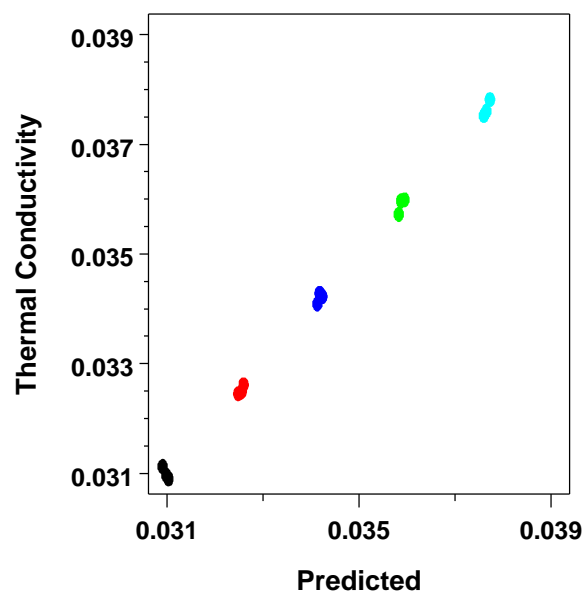
1450d Dataset Model 3: 4-Plot of the Residuals



PPCC = 0.9483

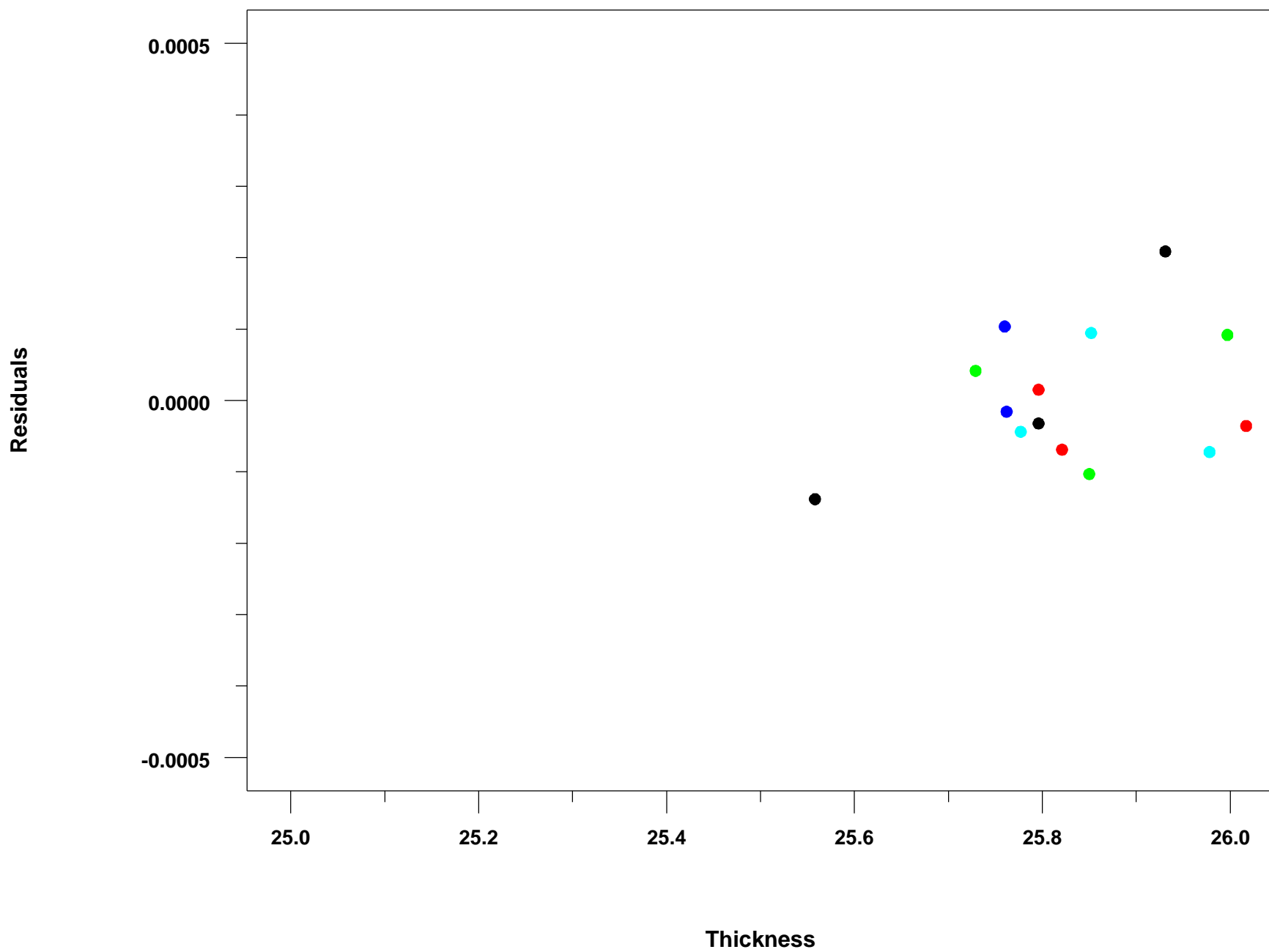
1450d Dataset Model 4: $k = 0.0079044275 + 0.0000627148 \cdot t + 0.0000158852 \cdot d + 0 \cdot t^3$

RESSD: 0.0001043247, BIC: -264.2078585

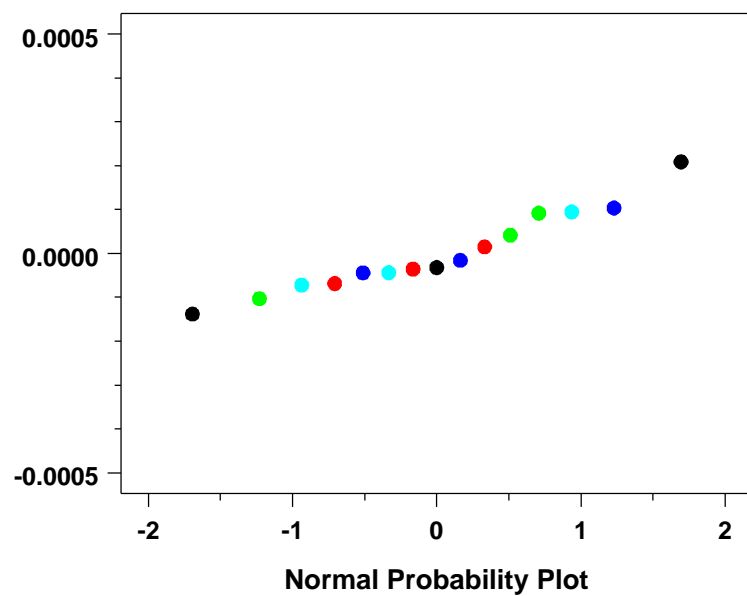
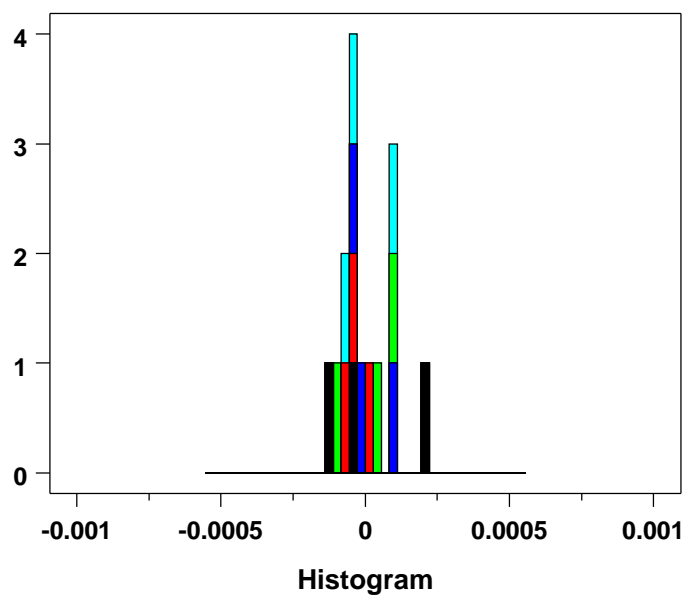
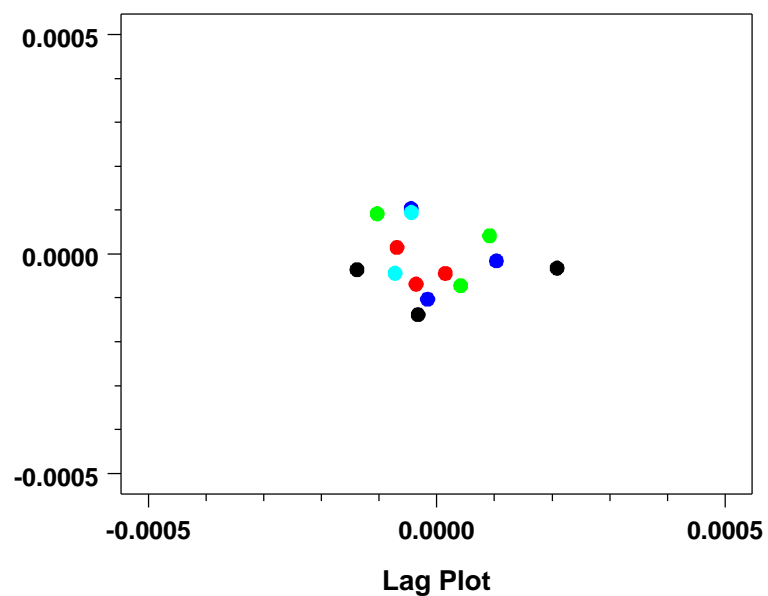
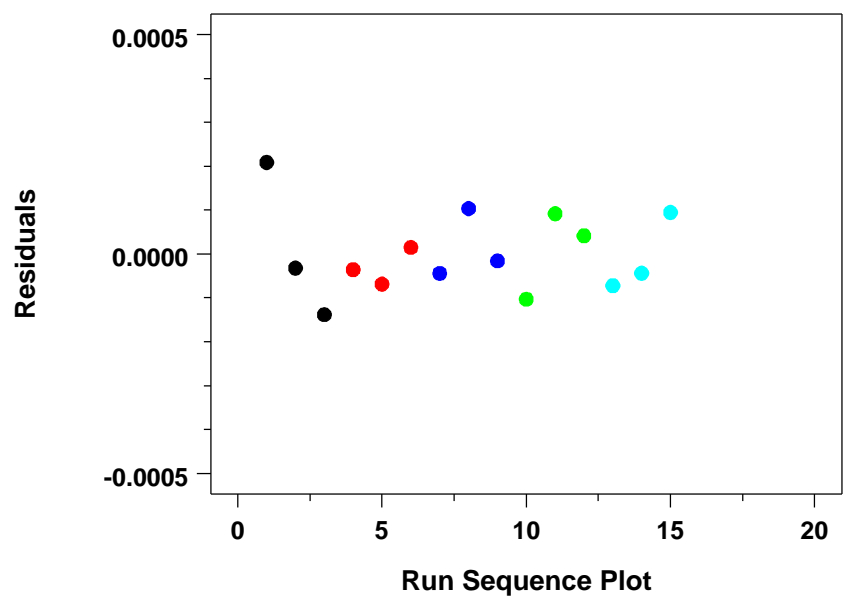


- - Temperature < 290
- - 290 < Temperature < 300
- - 305 < Temperature < 315
- - 320 < Temperature < 335
- - Temperature > 335

1450d Dataset Model 4: Nuisance Factors Versus Residuals



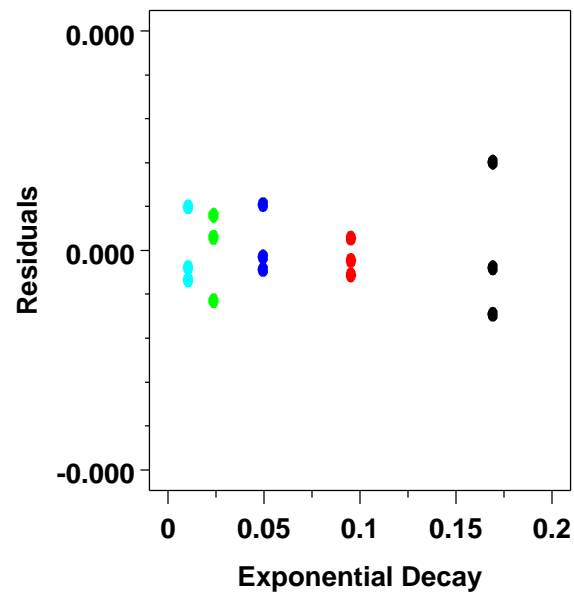
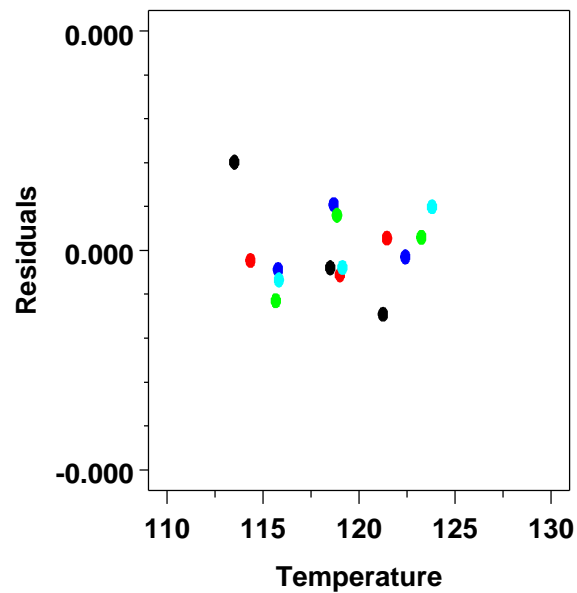
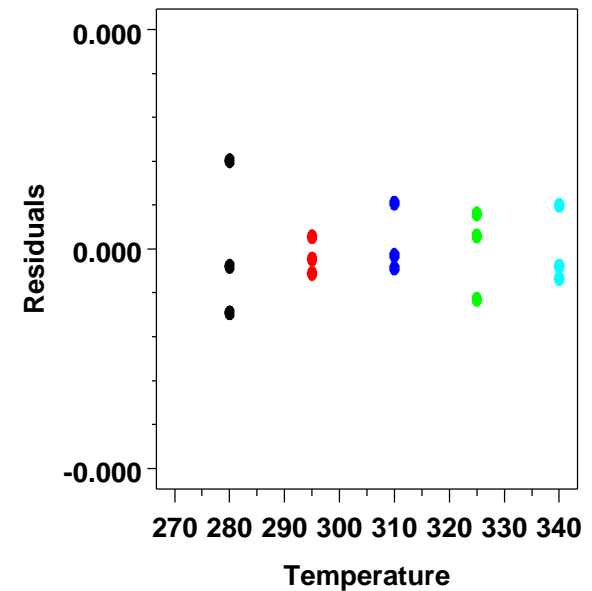
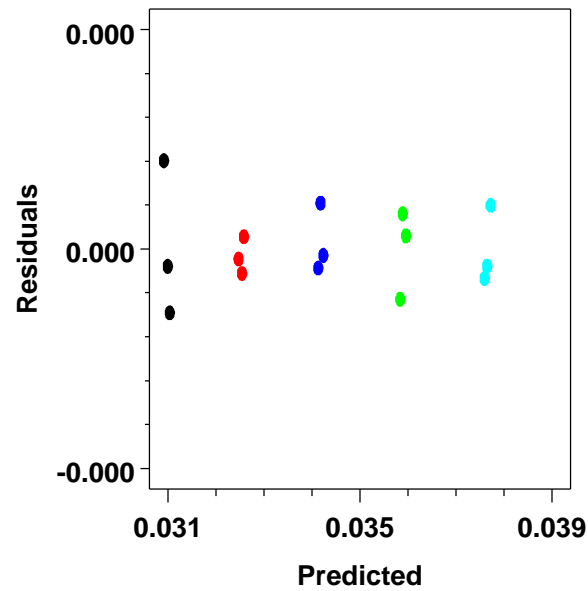
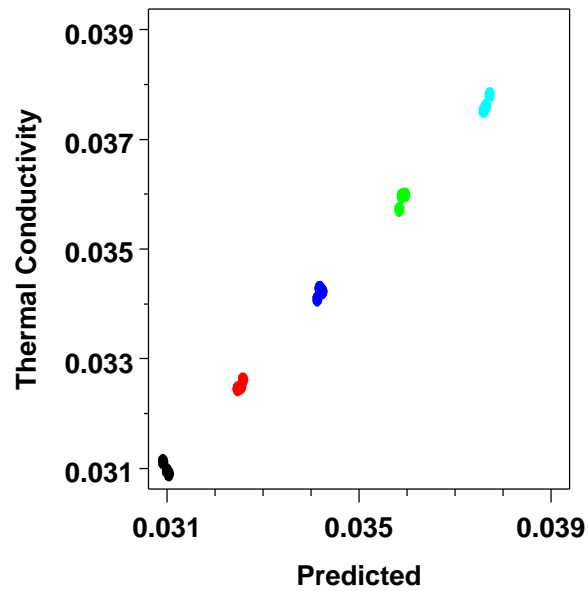
1450d Dataset Model 4: 4-Plot of the Residuals



PPCC = 0.9704

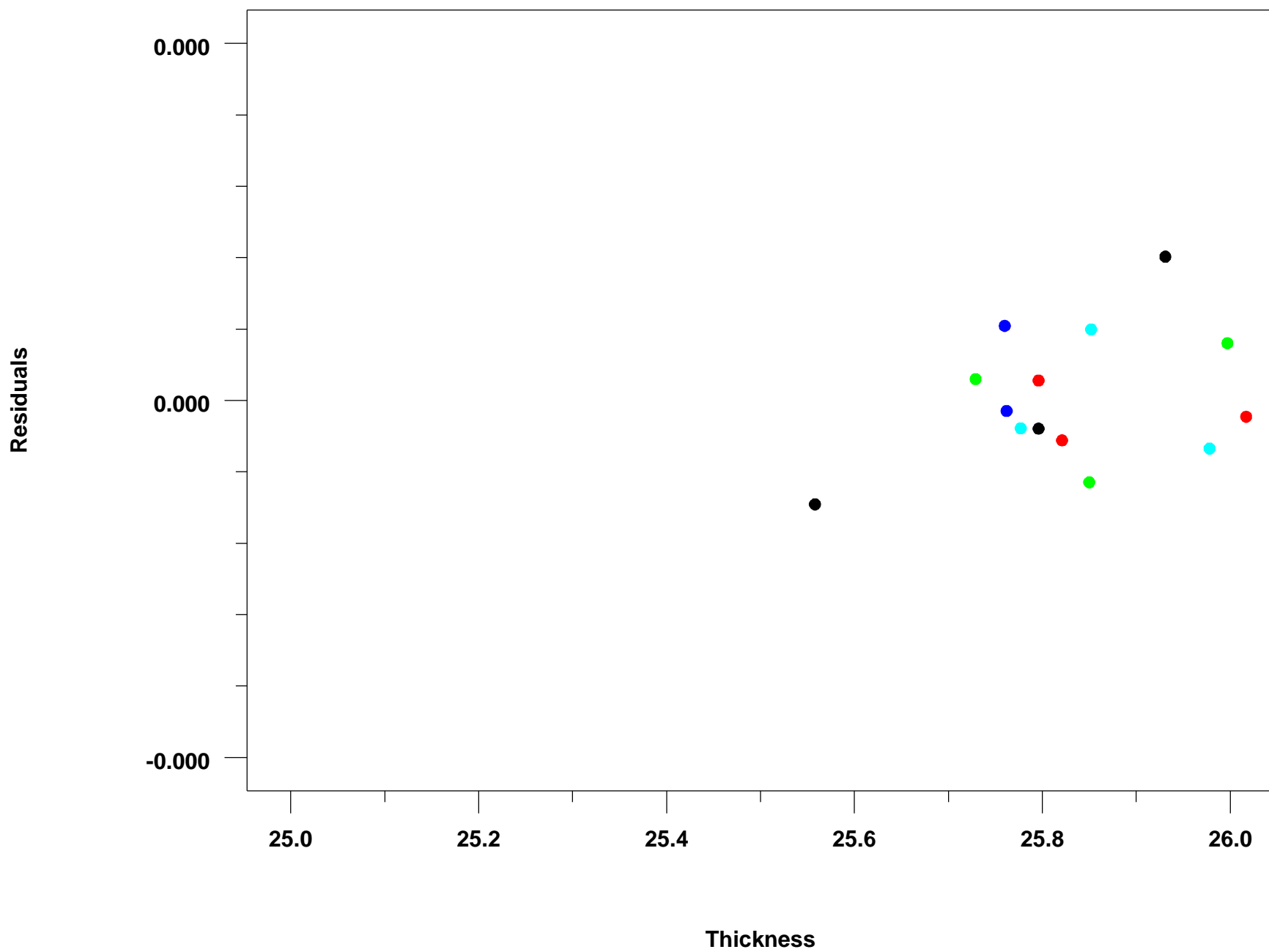
1450d Dataset Model 5: $k = -0.005022557 + 0.0001198167 \cdot t + 0.0000158755 \cdot d + 0.0035097016 \cdot e1$

RESSD: 0.0001031971, BIC: -264.5338875

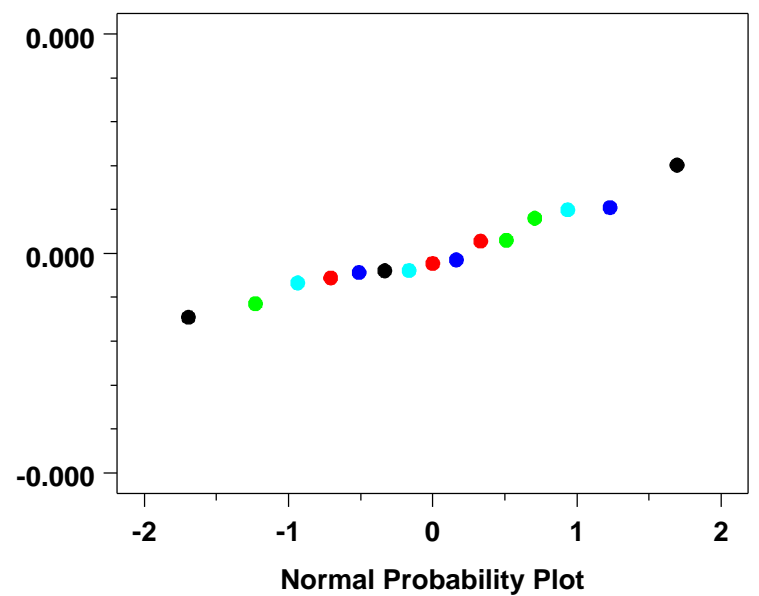
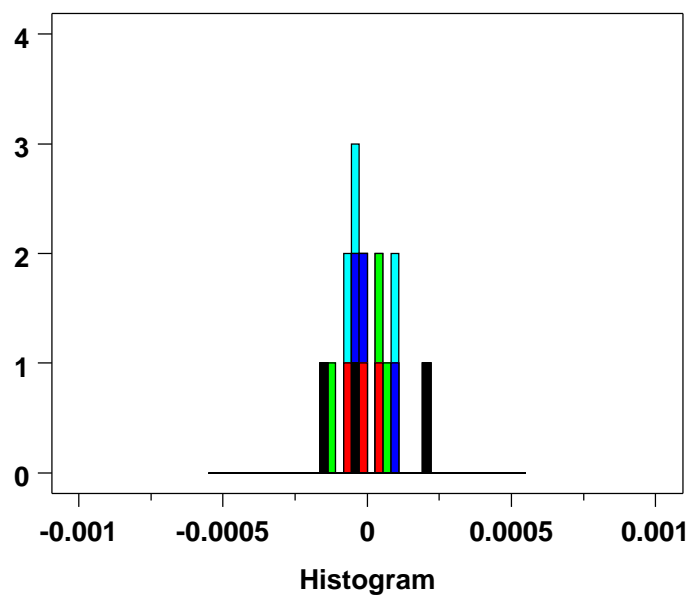
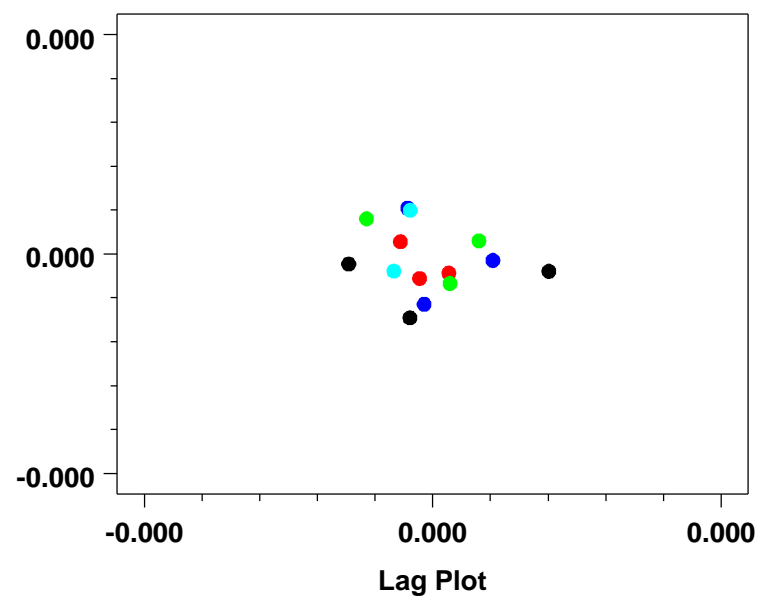
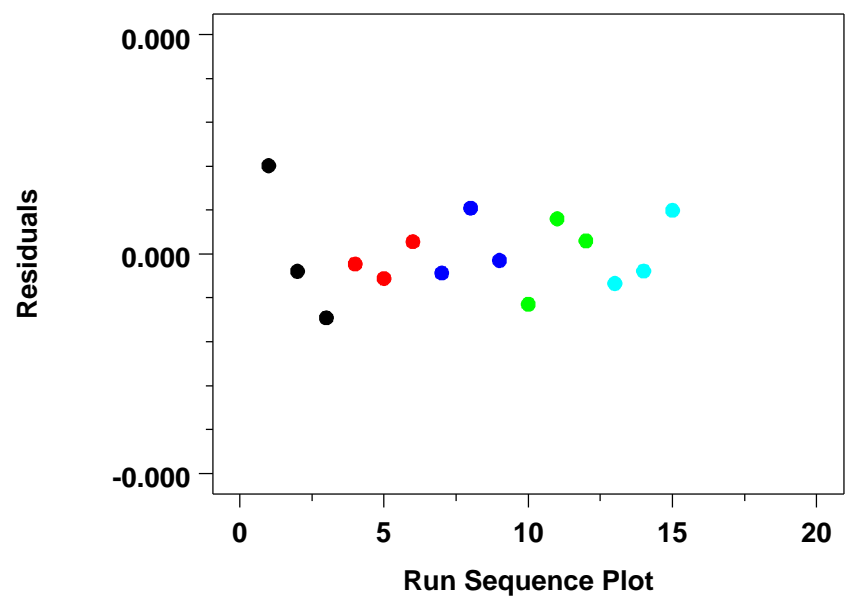


- - Temperature < 290
- - 290 < Temperature < 300
- - 305 < Temperature < 315
- - 320 < Temperature < 335
- - Temperature > 335

1450d Dataset Model 5: Nuisance Factors Versus Residuals

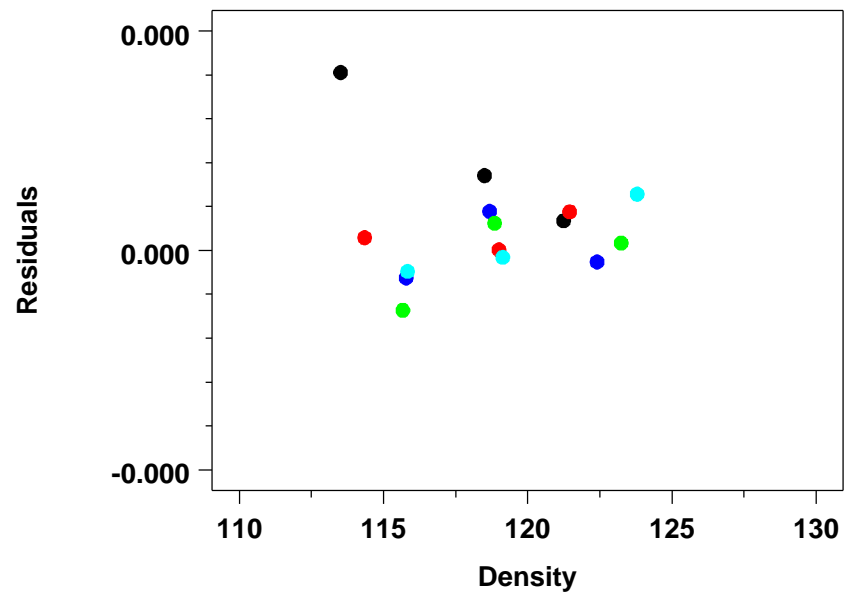
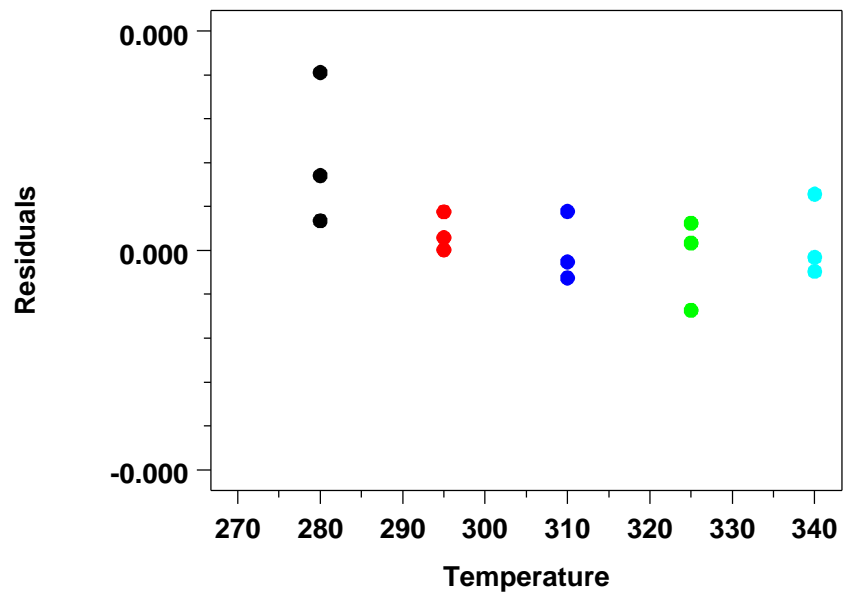
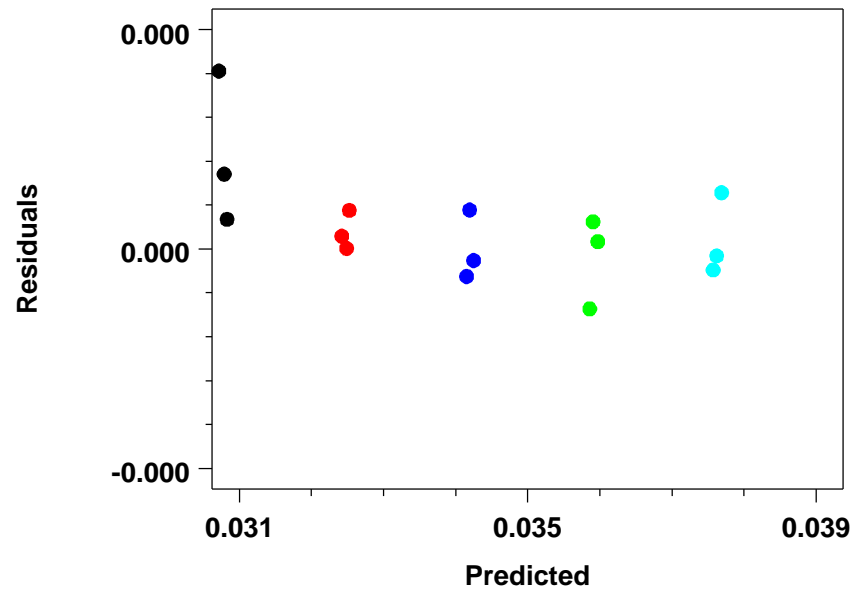
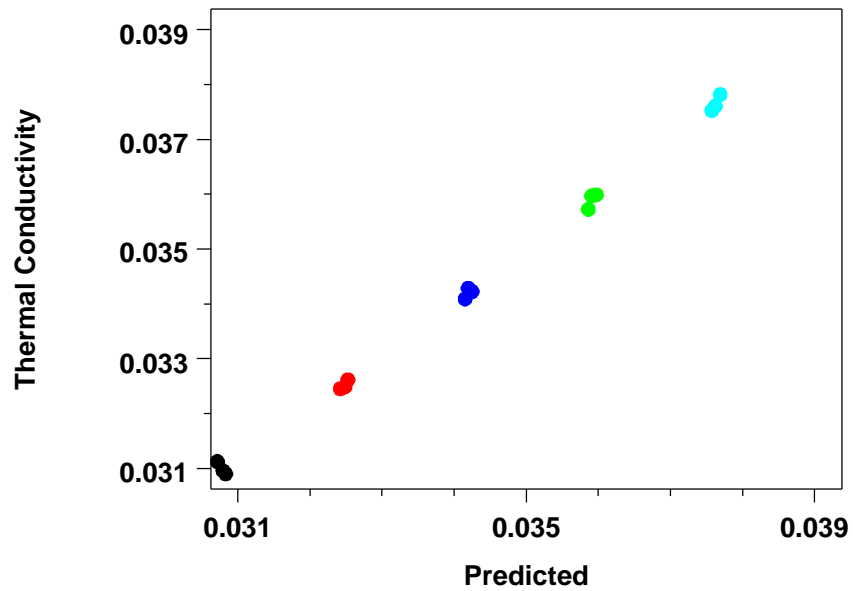


1450d Dataset Model 5: 4-Plot of the Residuals



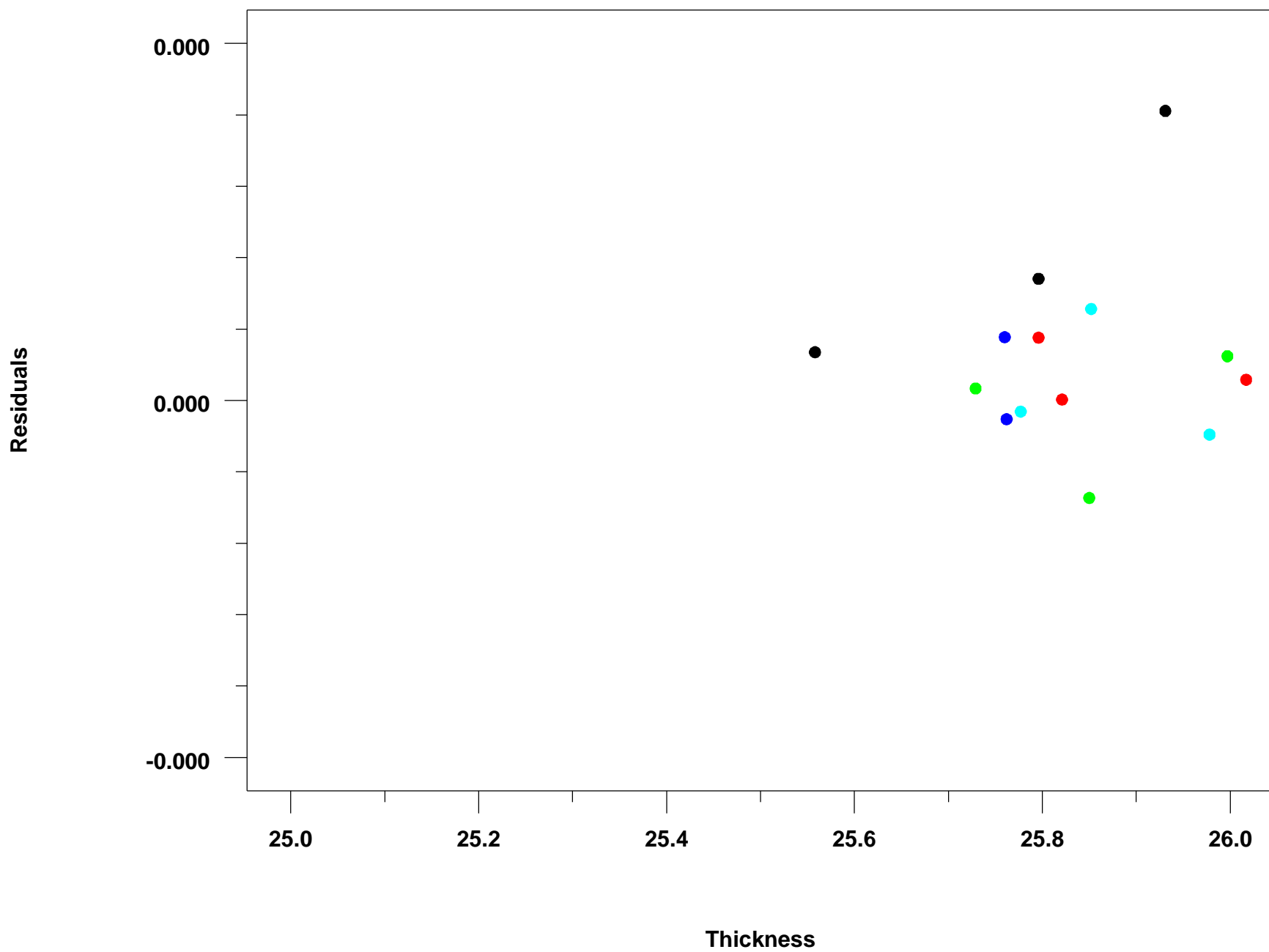
PPCC = 0.977

1450d Dataset Model 5a: $k = -0.002882178 + 0.0001139667 \cdot t + 0.00001472 \cdot d + 0.9558504301 \cdot \text{EXP}(-((t-219.87339457)/18.220492513)^2)$ (RESSD: 0.0001702128, BIC: -244.105538)

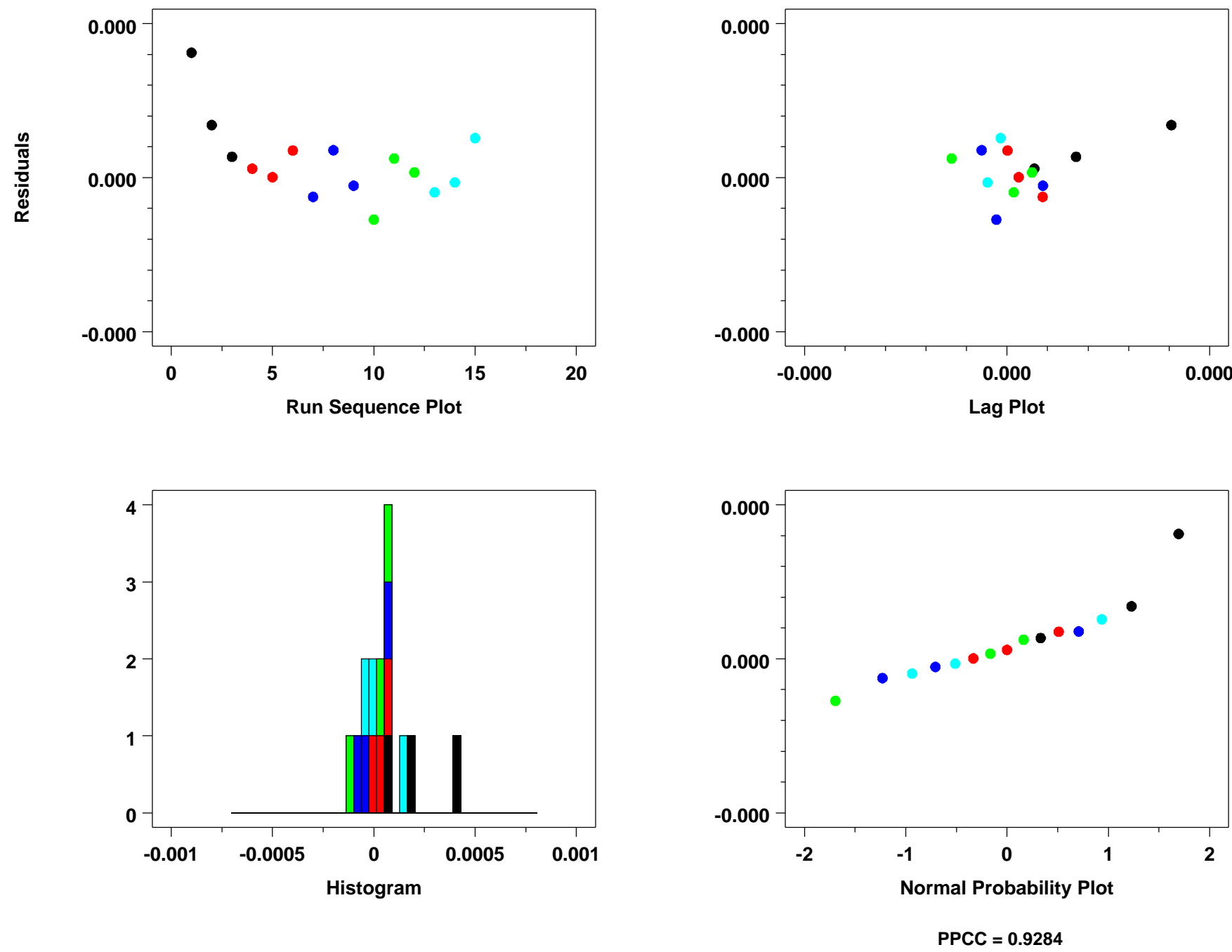


● - Temperature < 290
 ● - 290 < Temperature < 300
 ● - 305 < Temperature < 315
 ● - 320 < Temperature < 335
 ● - Temperature > 335

1450d Dataset Model 5a: Nuisance Factors Versus Residuals

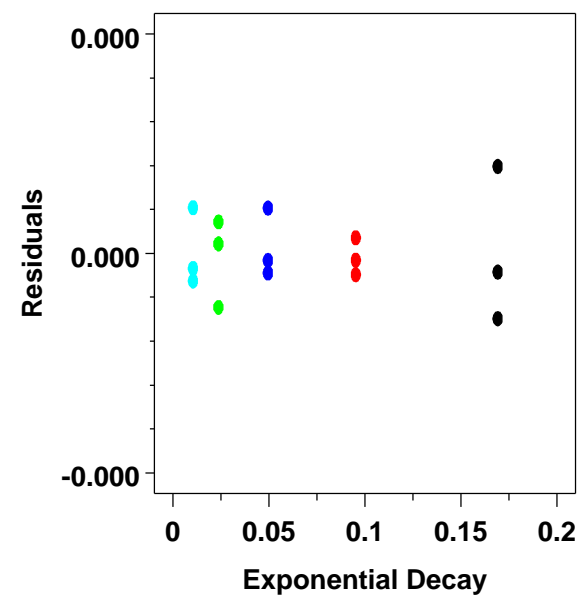
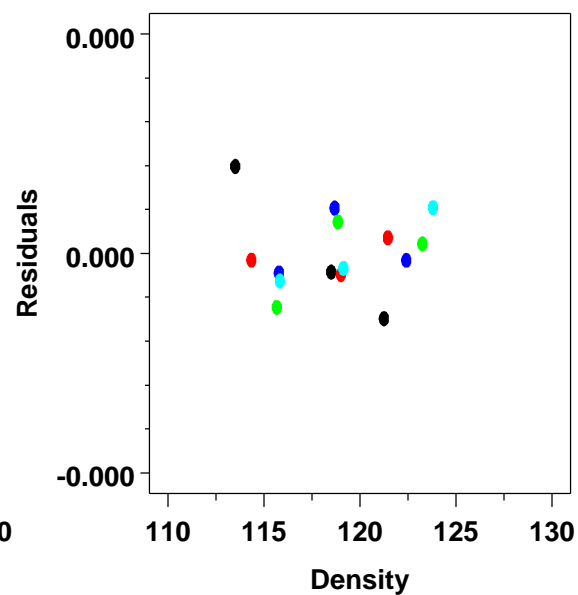
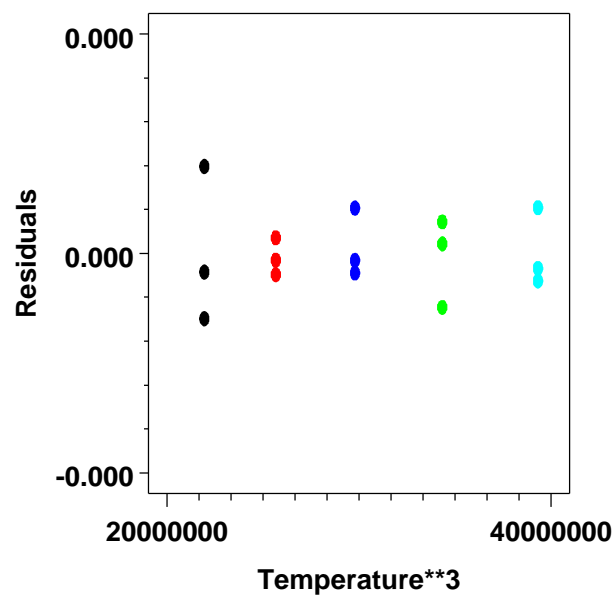
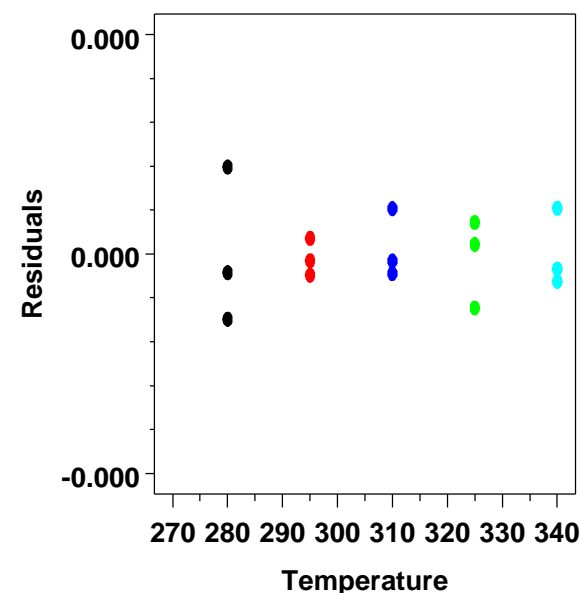
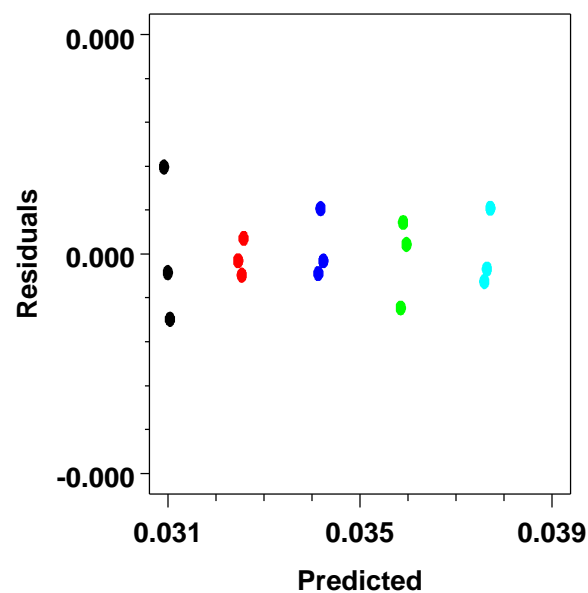
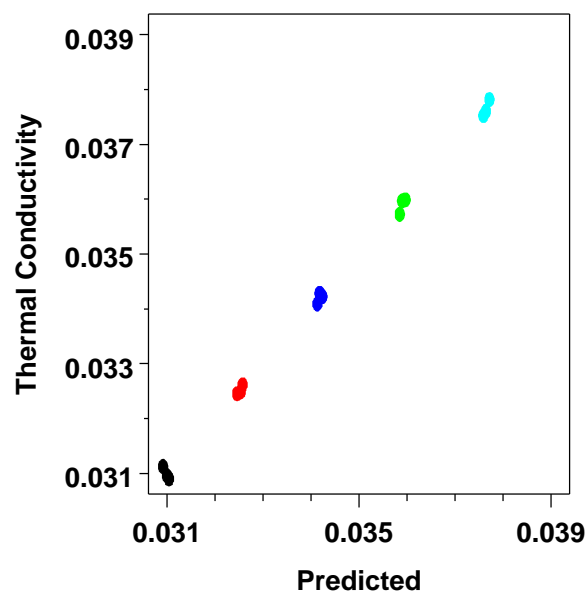


1450d Dataset Model 5a: 4-Plot of the Residuals



1450d Dataset Model 6: $k = 0.03425046 + 0.0001112221 \cdot t + 0.000015323 \cdot d + 0 \cdot t^{**3} + 0.0057650395 \cdot e1$

RESSD: 0.0001080134, BIC: -260.4573985



● - Temperature < 290

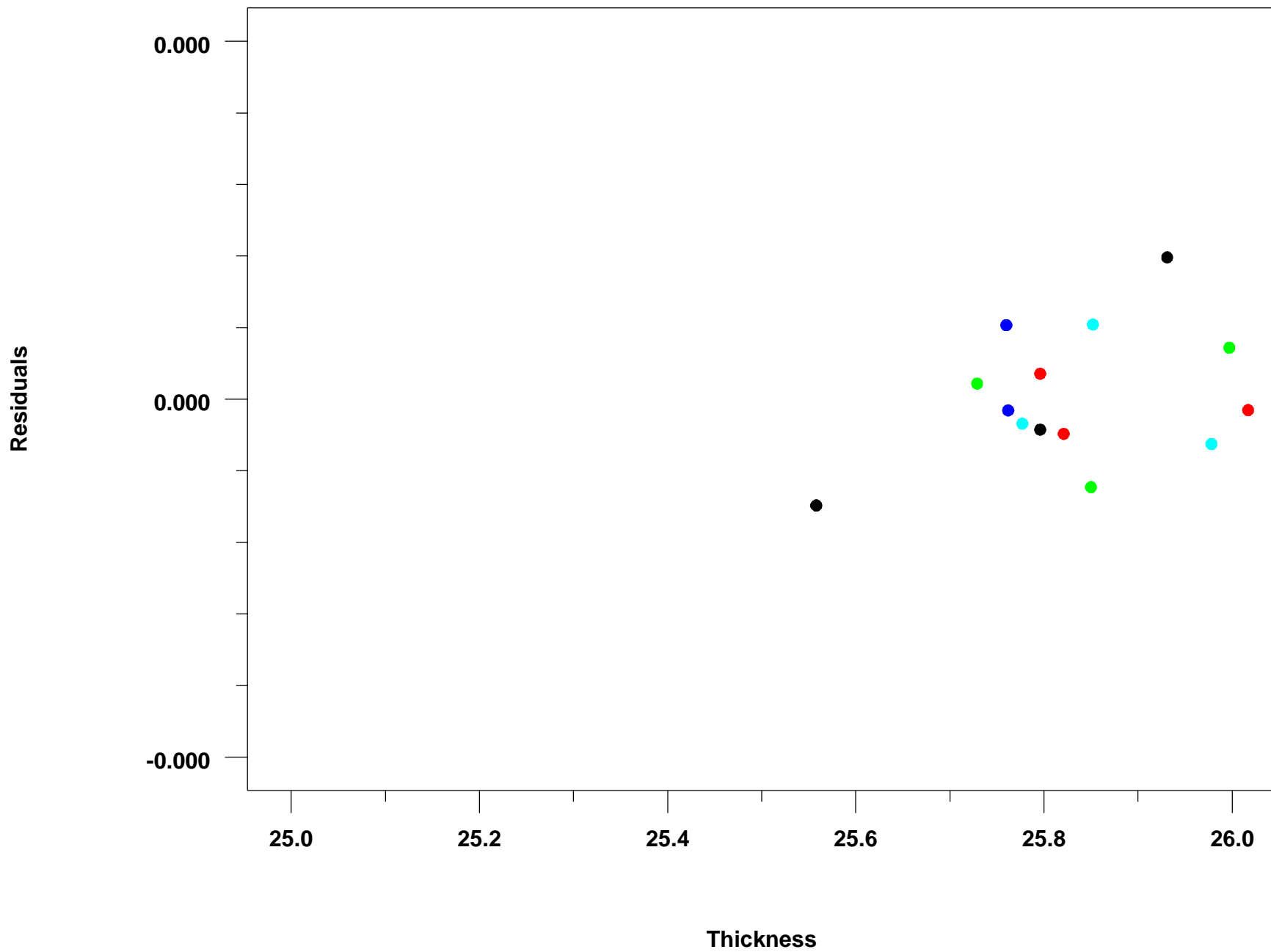
● - 290 < Temperature < 300

● - 305 < Temperature < 315

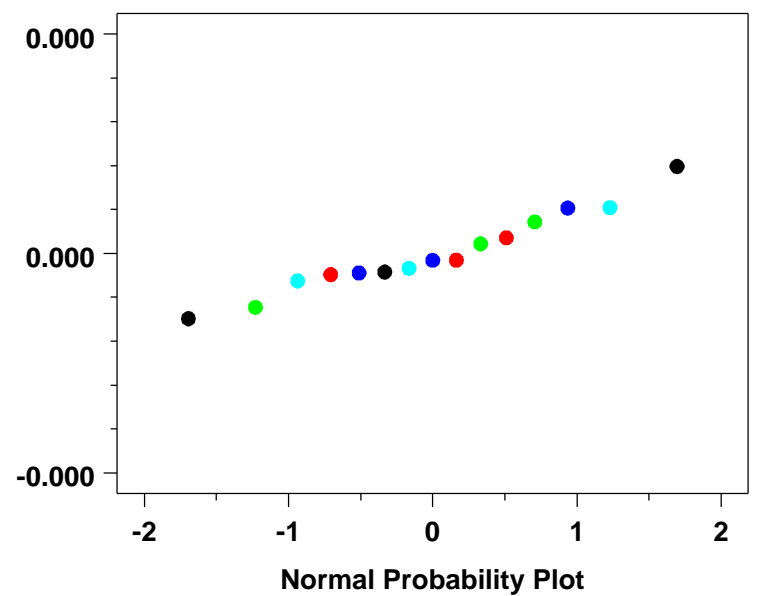
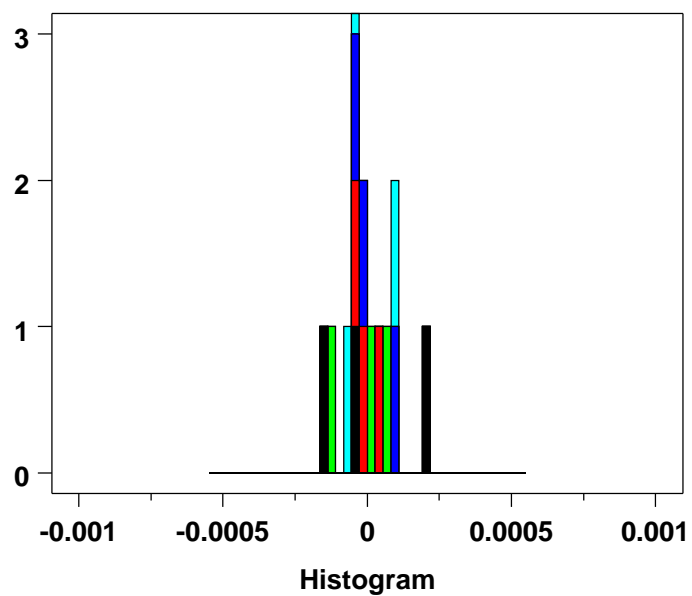
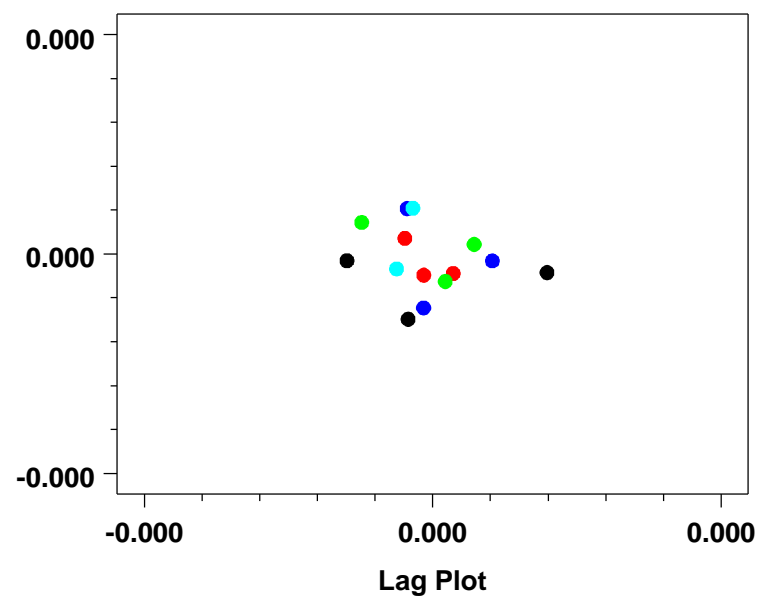
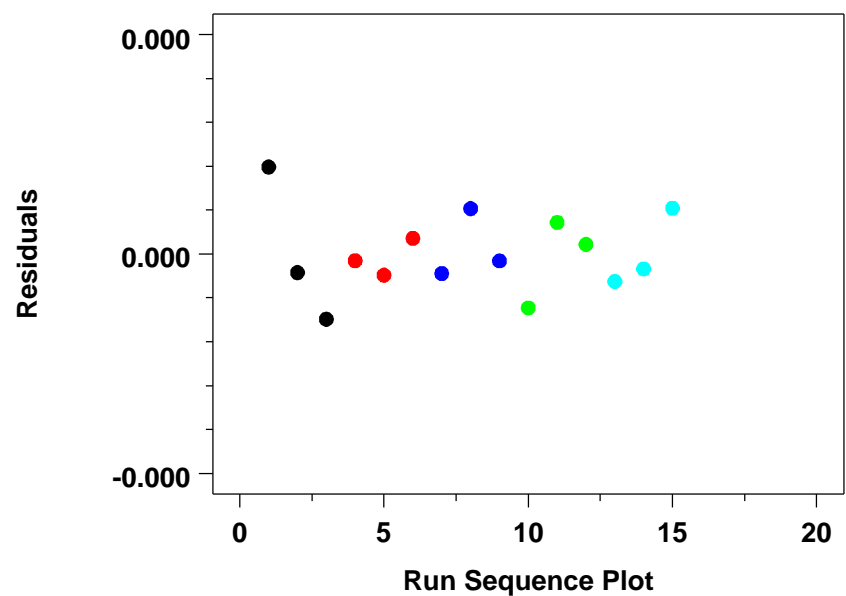
● - 320 < Temperature < 335

● - Temperature > 335

1450d Dataset Model 6: Nuisance Factors Versus Residuals

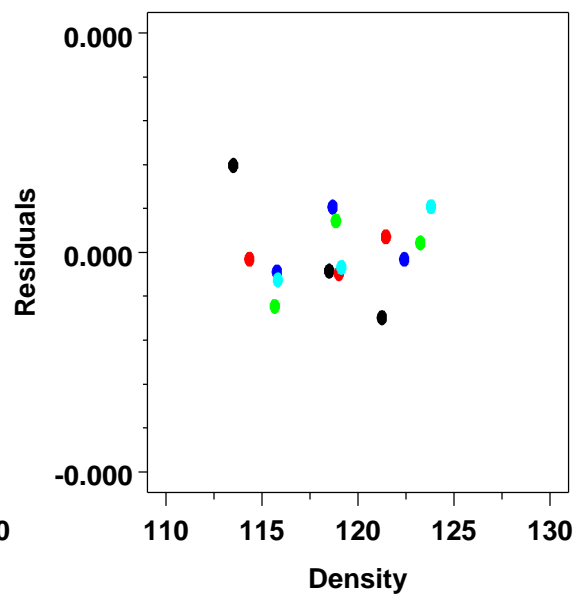
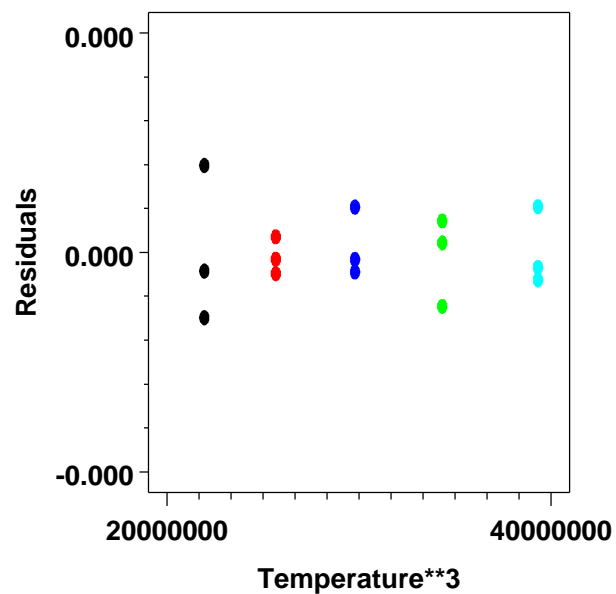
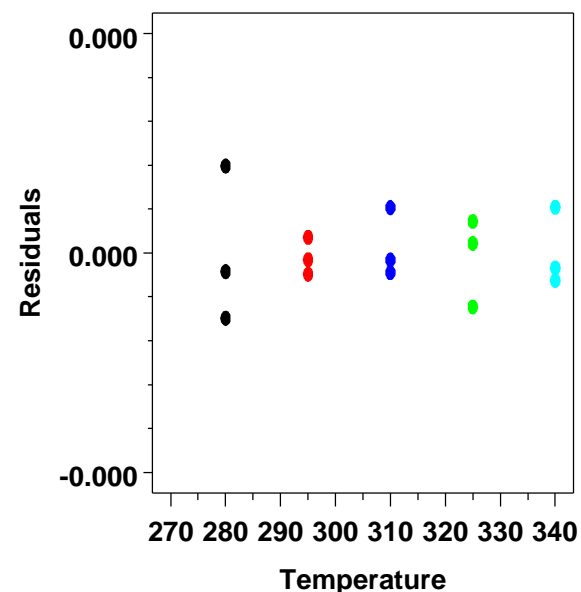
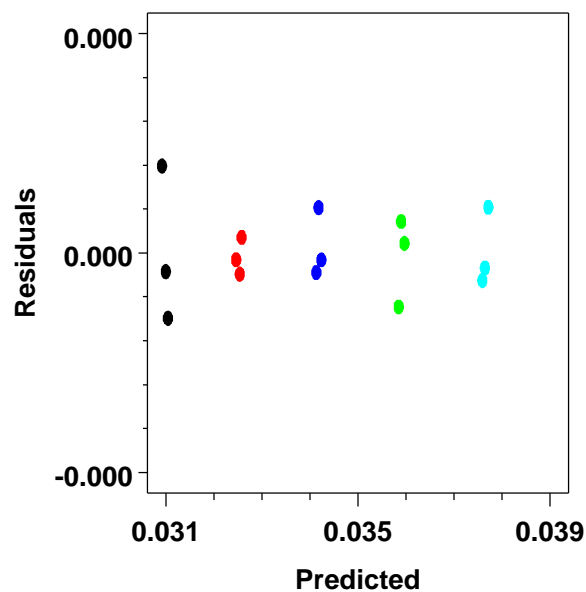
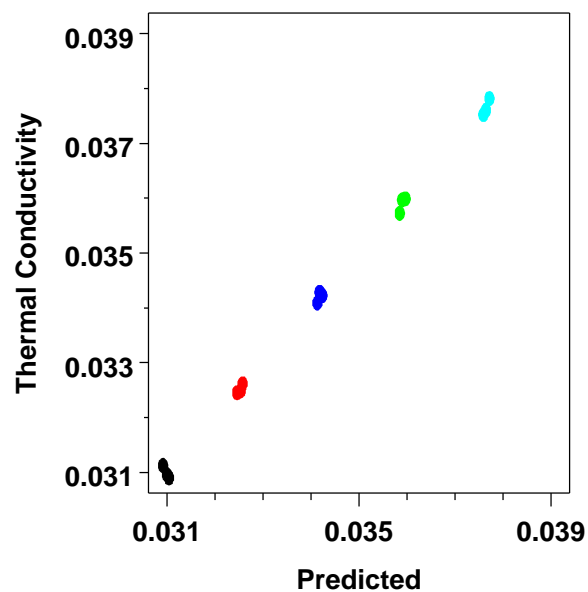


1450d Dataset Model 6: 4-Plot of the Residuals



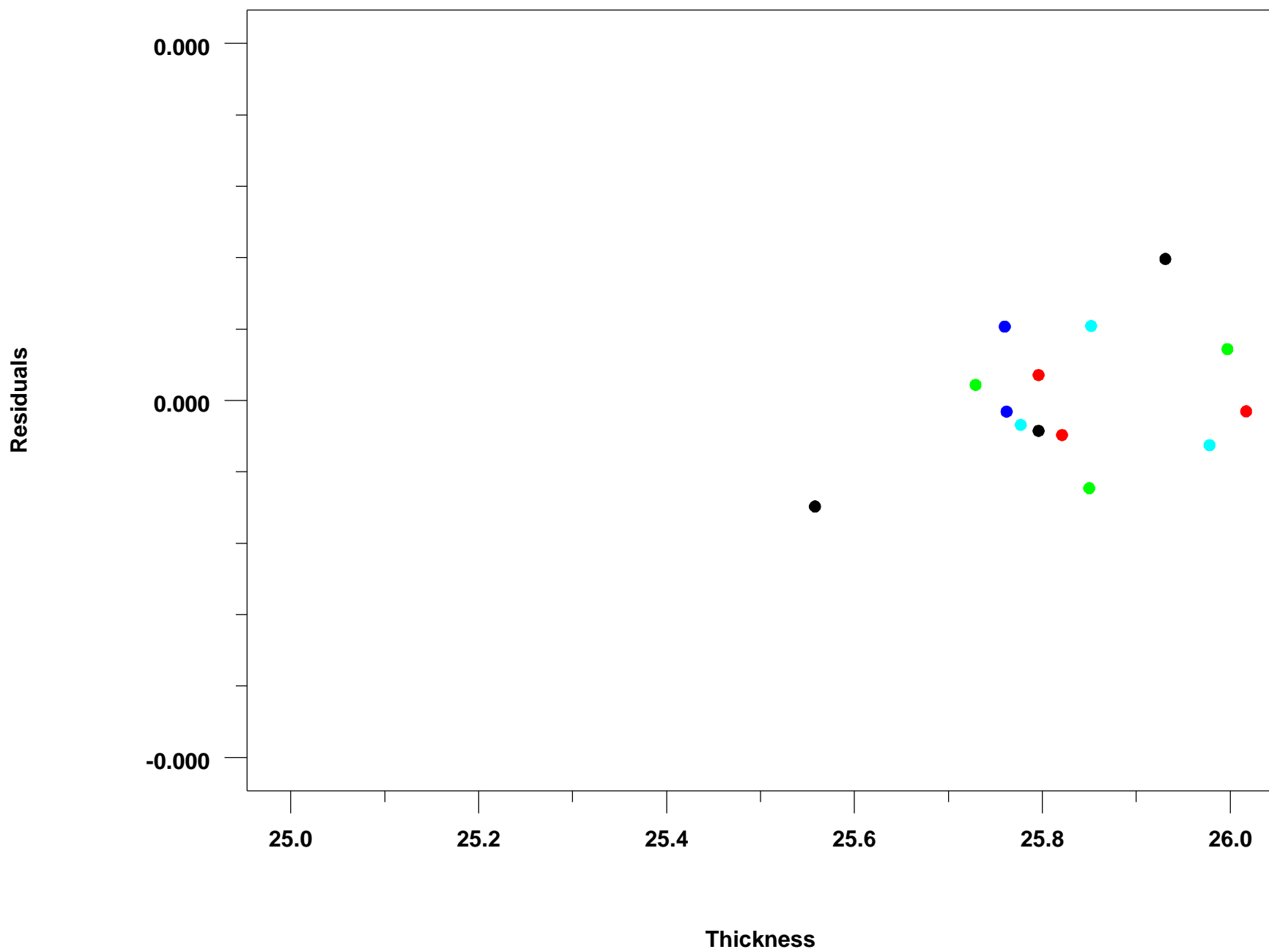
PPCC = 0.9785

1450d Dataset Model 6a: $k = 0.0075272965 + 0.0000643157 \cdot t + 0.0000158563 \cdot d + 0 \cdot t^{**3} + 0.0007893975 \cdot \text{EXP}(-((t-2105.2289593)/70.411901066)^{**2})$ (RESSD: 0.0001080134, BIC: -255.041298)

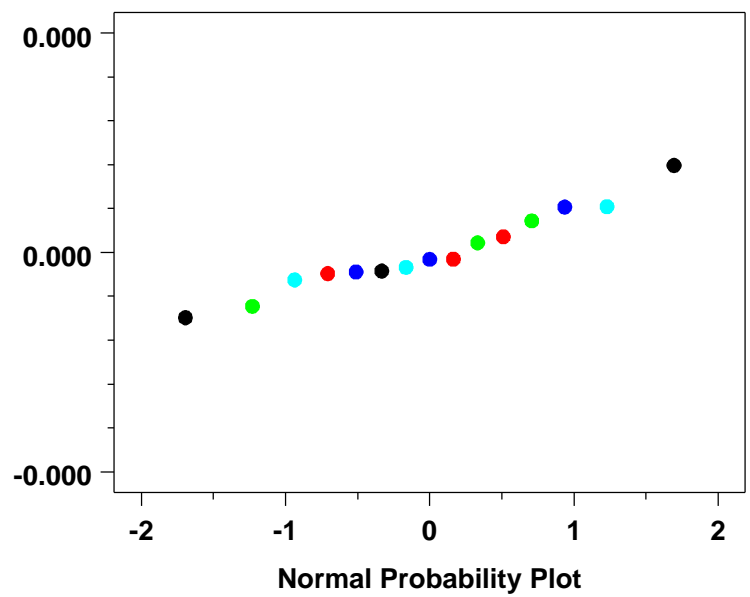
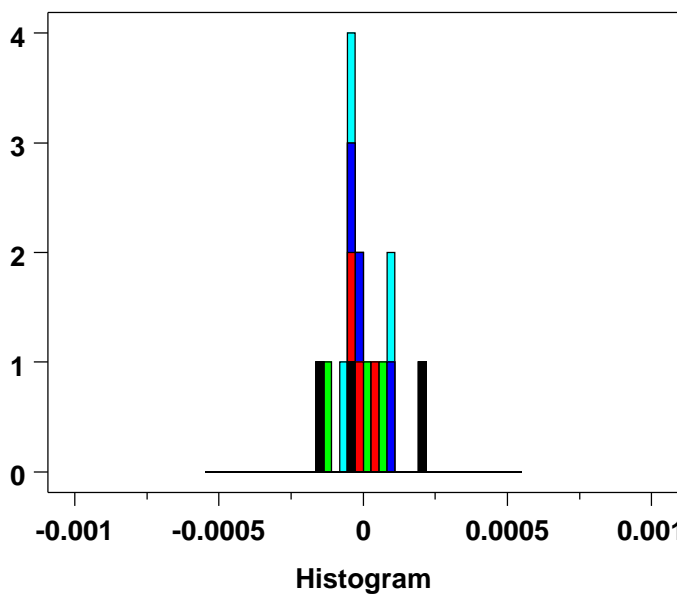
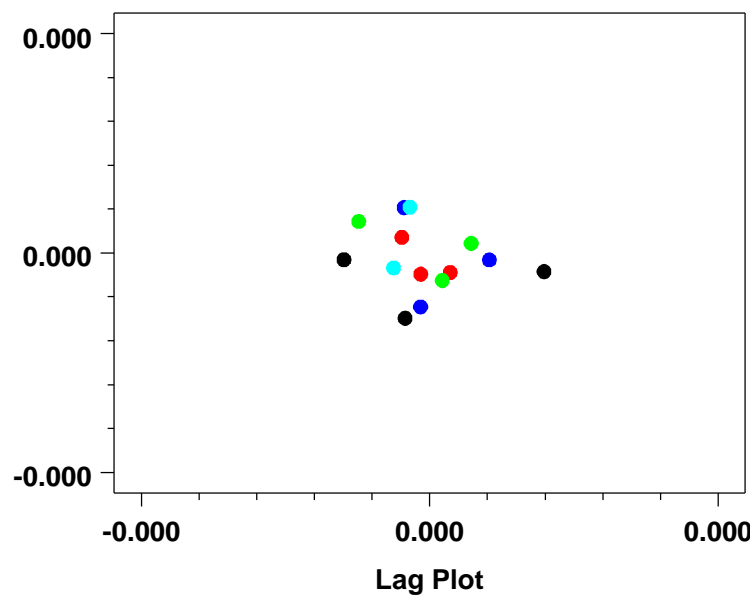
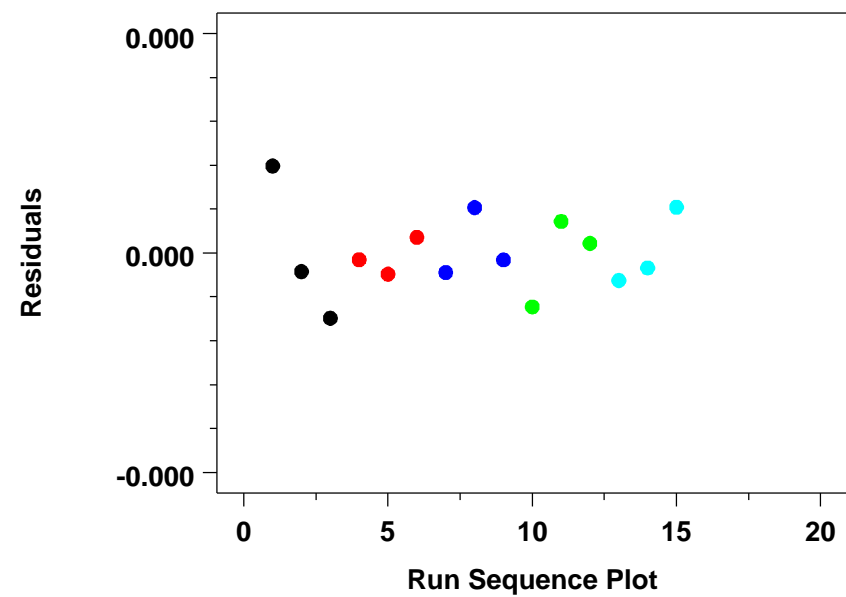


- - Temperature < 290
- - 290 < Temperature < 300
- - 305 < Temperature < 315
- - 320 < Temperature < 335
- - Temperature > 335

1450d Dataset Model 6b: Nuisance Factors Versus Residuals



1450d Dataset Model 6a: 4-Plot of the Residuals



PPCC = 0.9785

