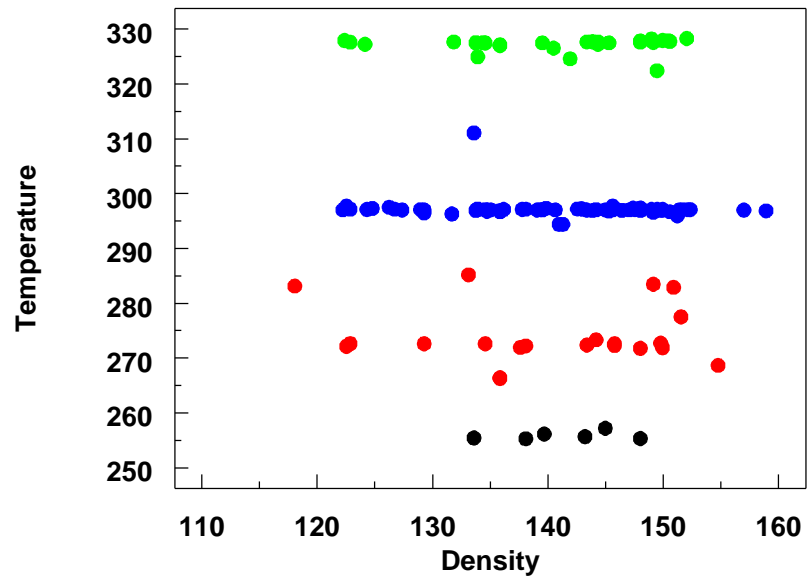
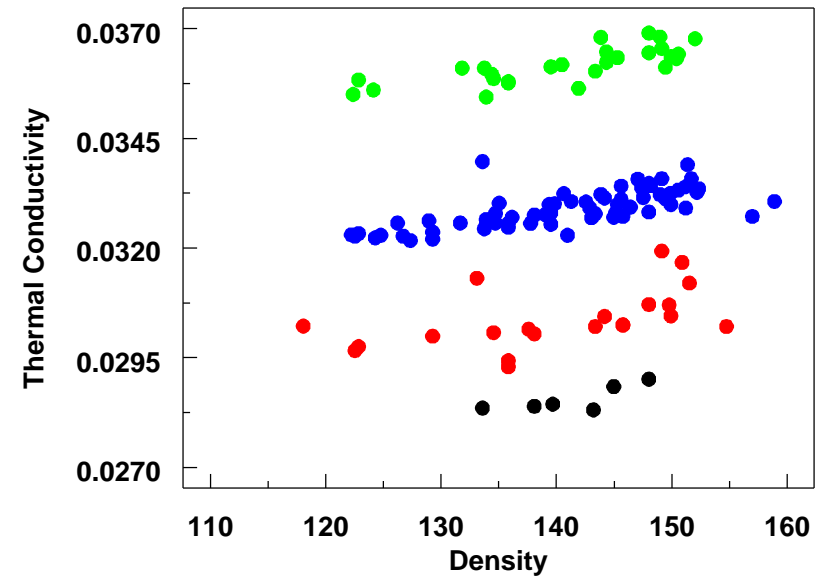
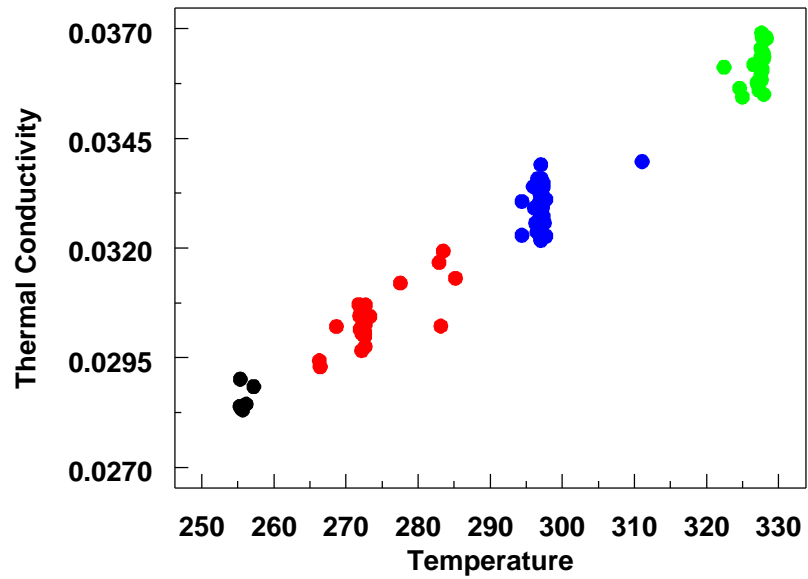
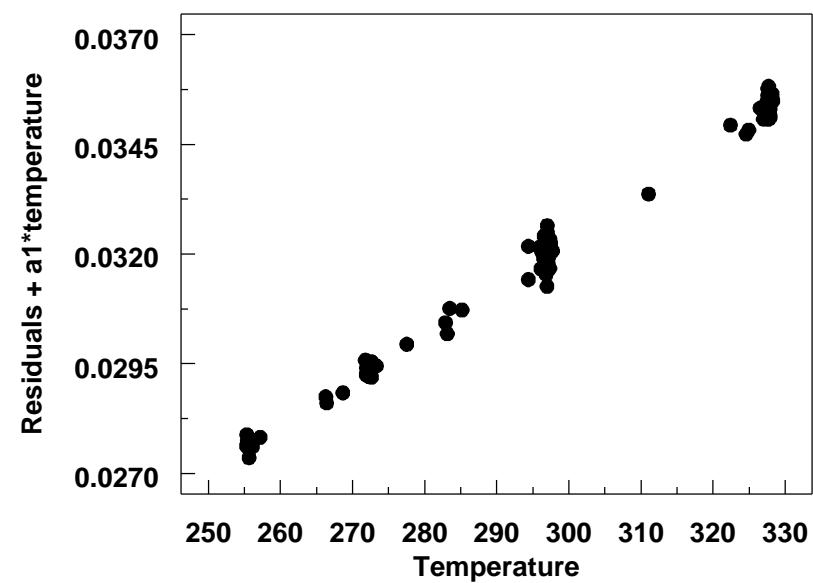
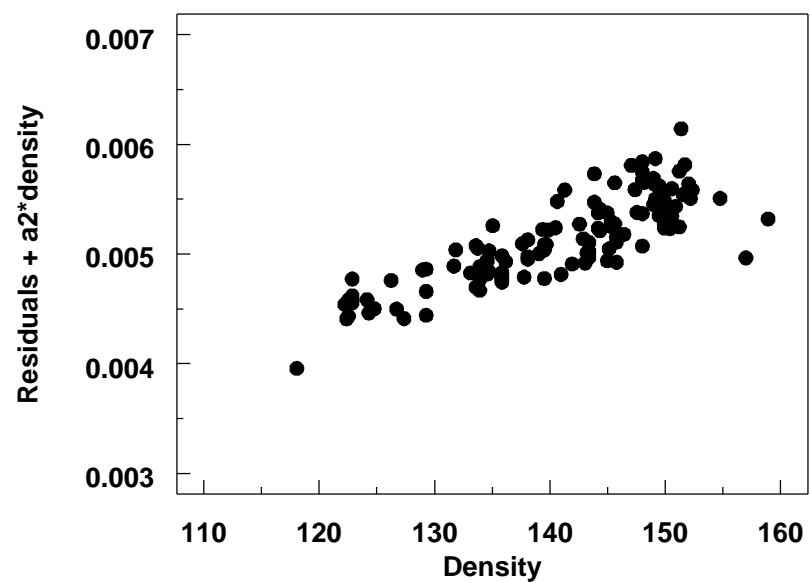


Dataset 1450: Raw Data



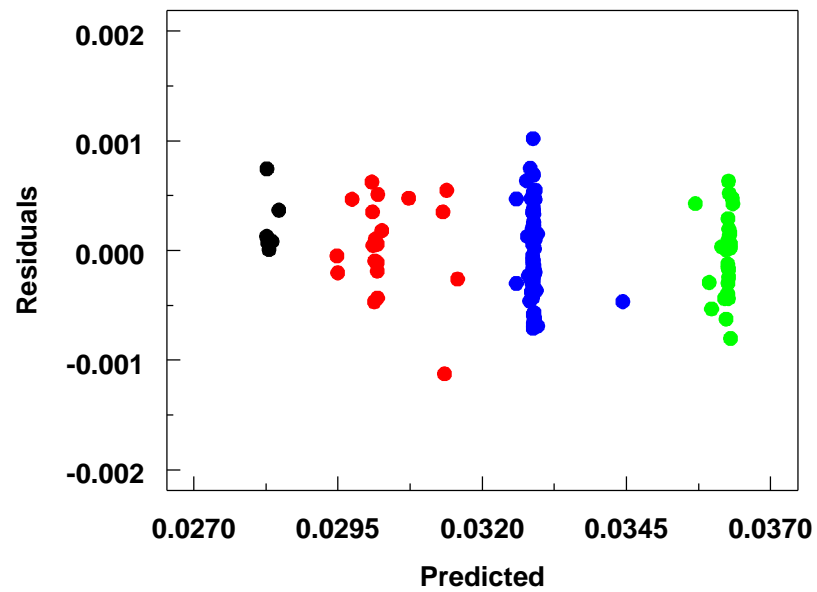
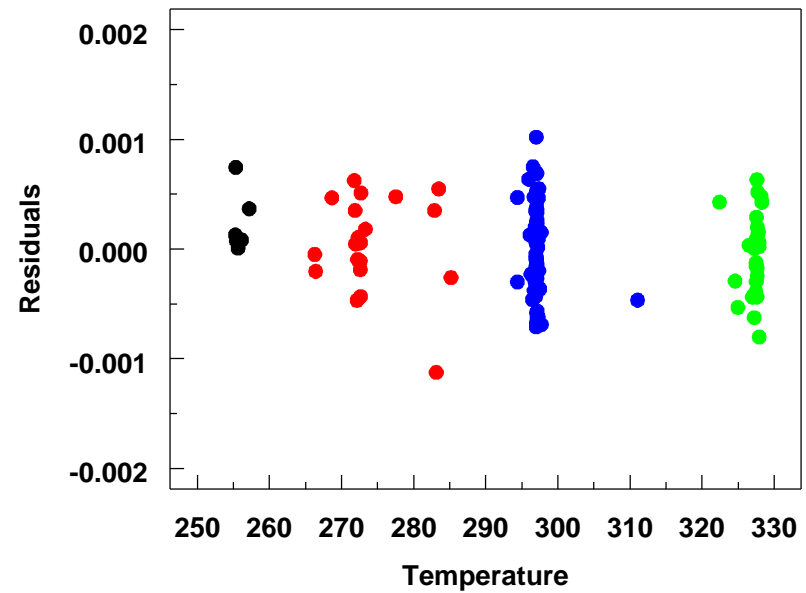
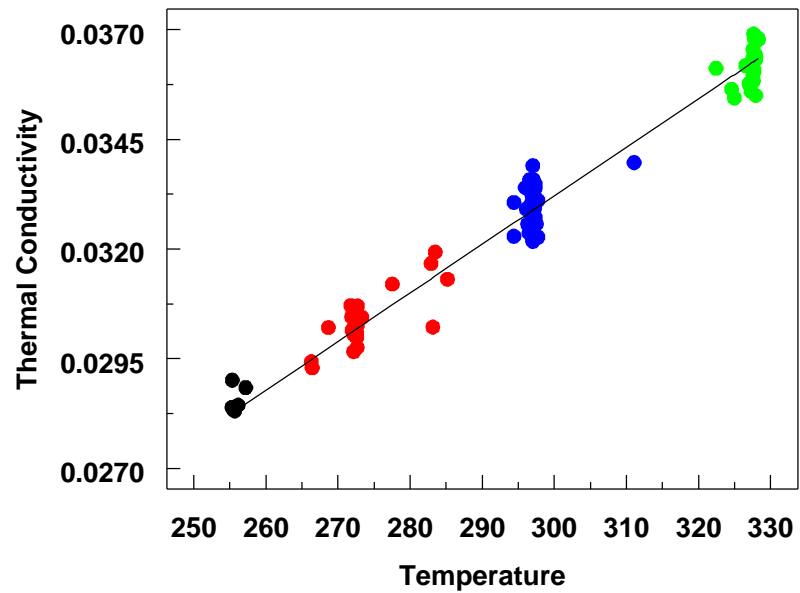
- - Temperature < 260
- - 260 < Temperature < 290
- - 290 < Temperature < 315
- - Temperature > 315

Dataset 1450: Partial Residual Plots



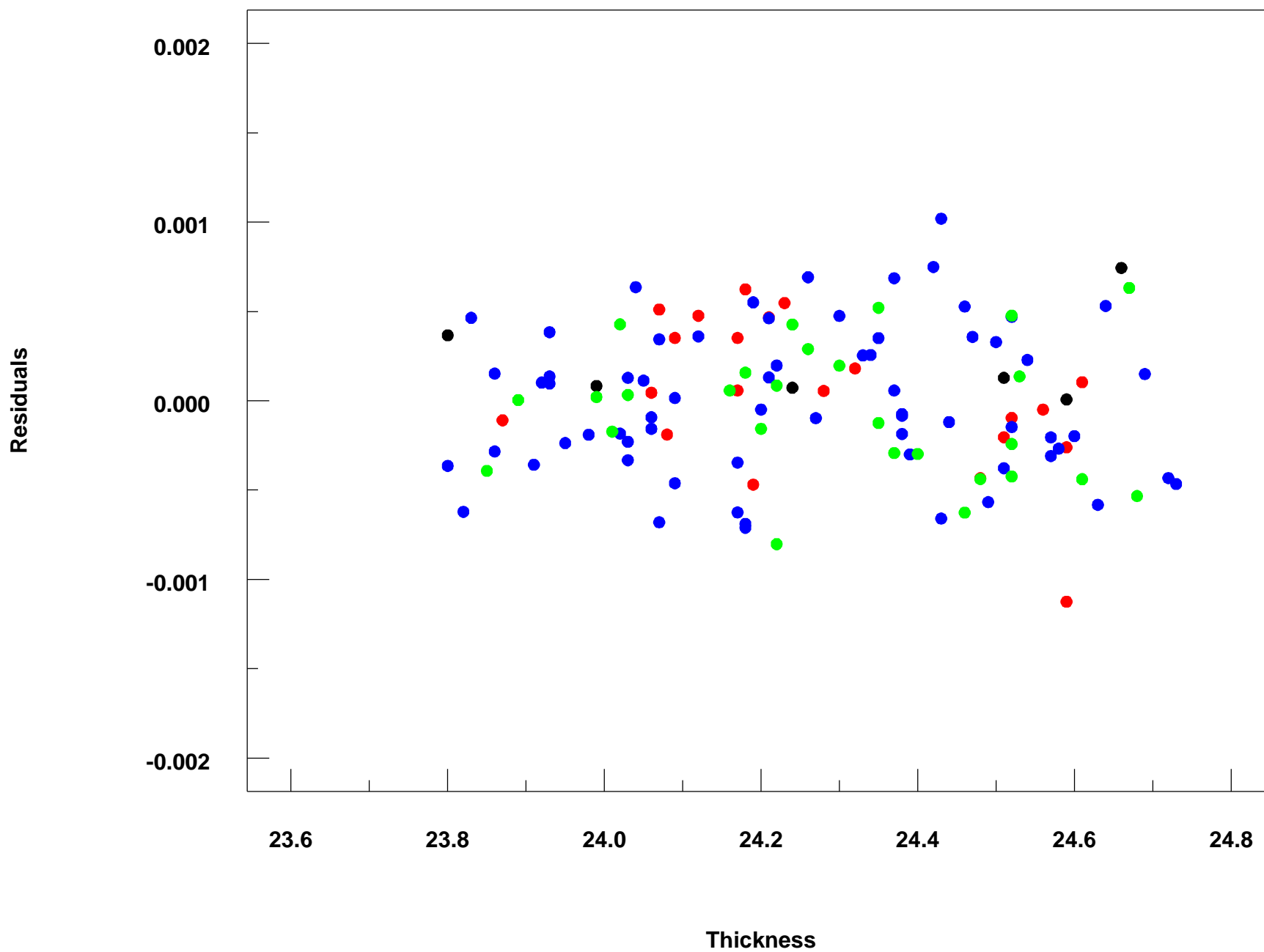
1450 Dataset Model 1: $k = 0.0001107054 \cdot t$

RESSD: 0.000399278, BIC: -1890.075385

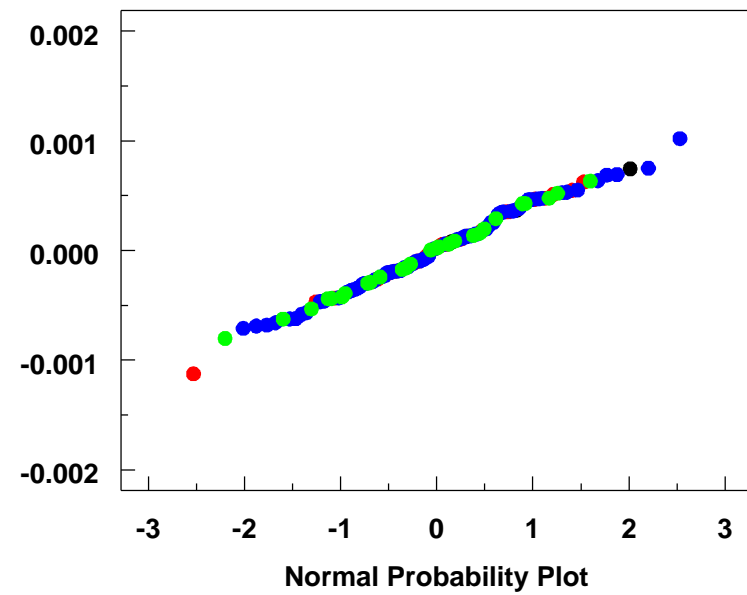
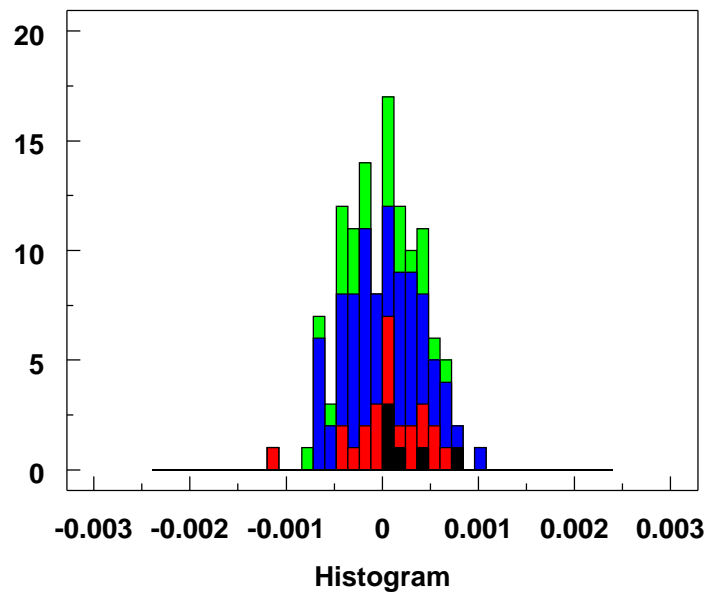
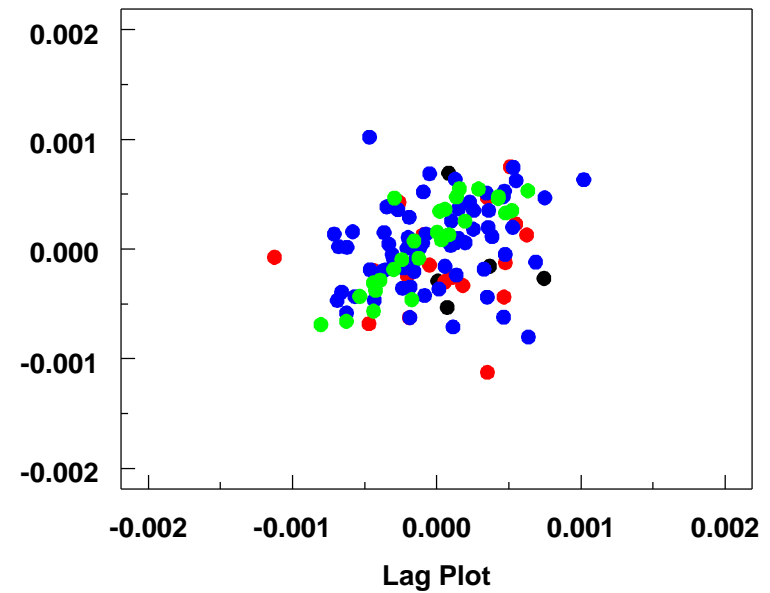
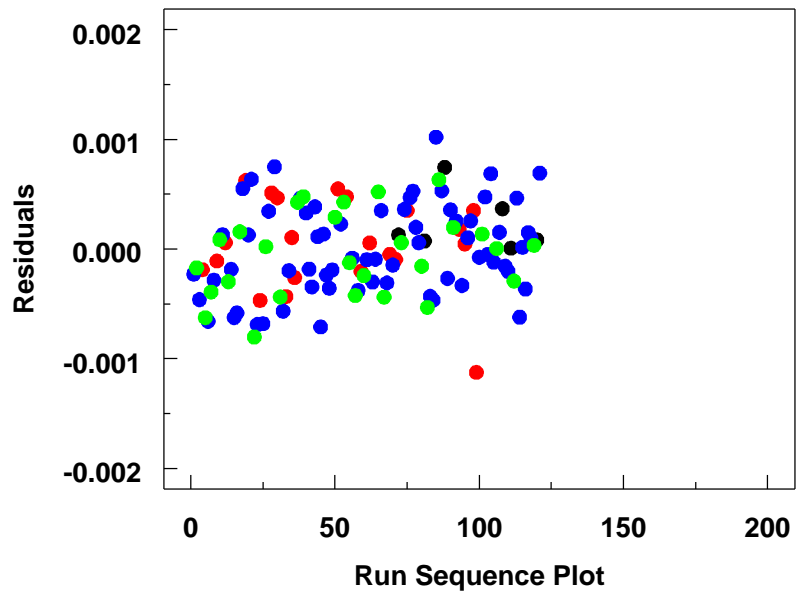


- - Temperature < 260
- - 260 < Temperature < 290
- - 290 < Temperature < 315
- - Temperature > 315

1450 Dataset Model 1: Nusiance Factors Versus Residuals



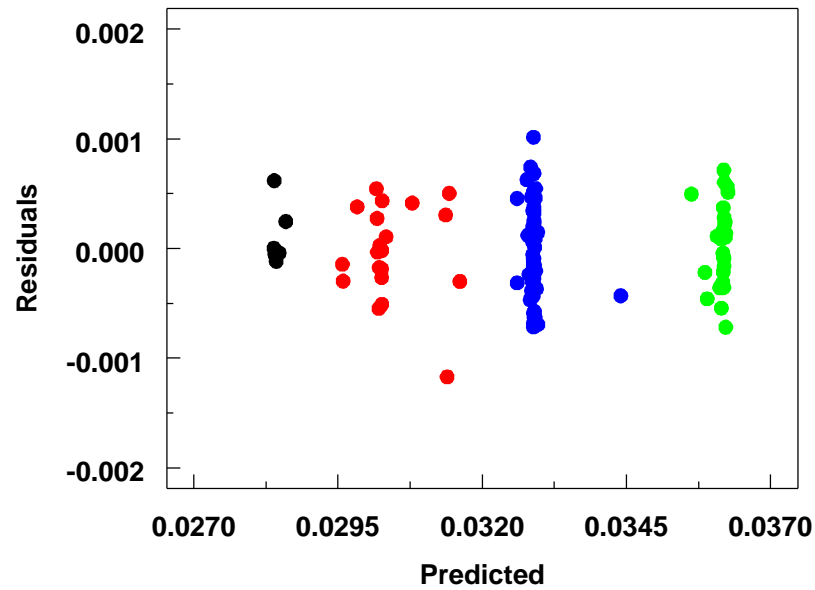
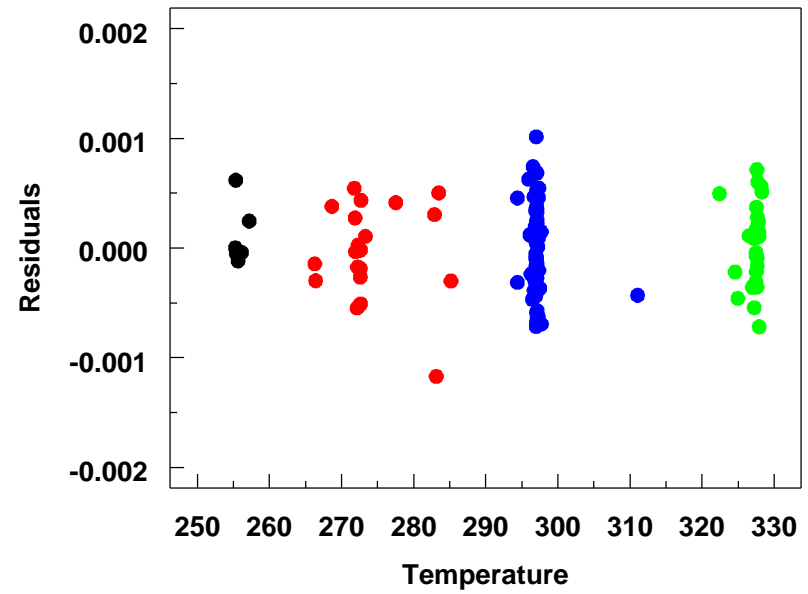
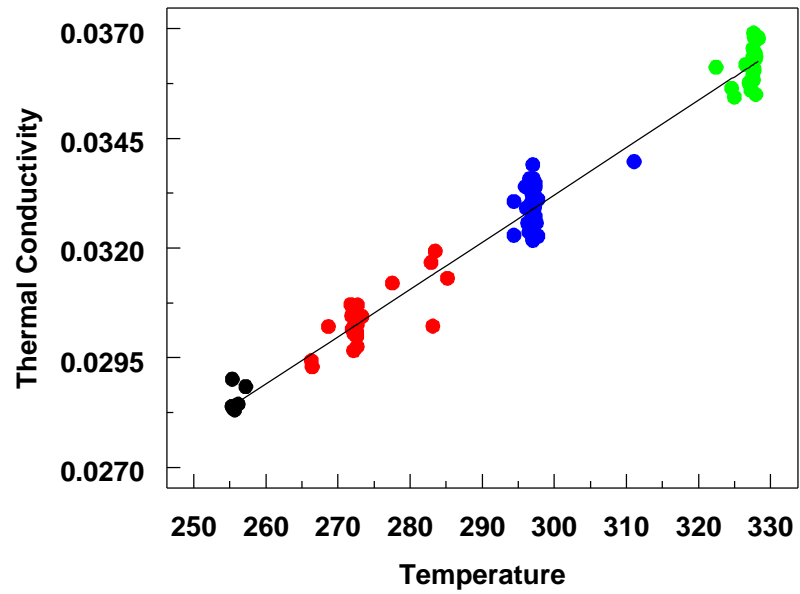
1450 Dataset Model 1: 4-Plot of the Residuals



PPCC = 0.9962

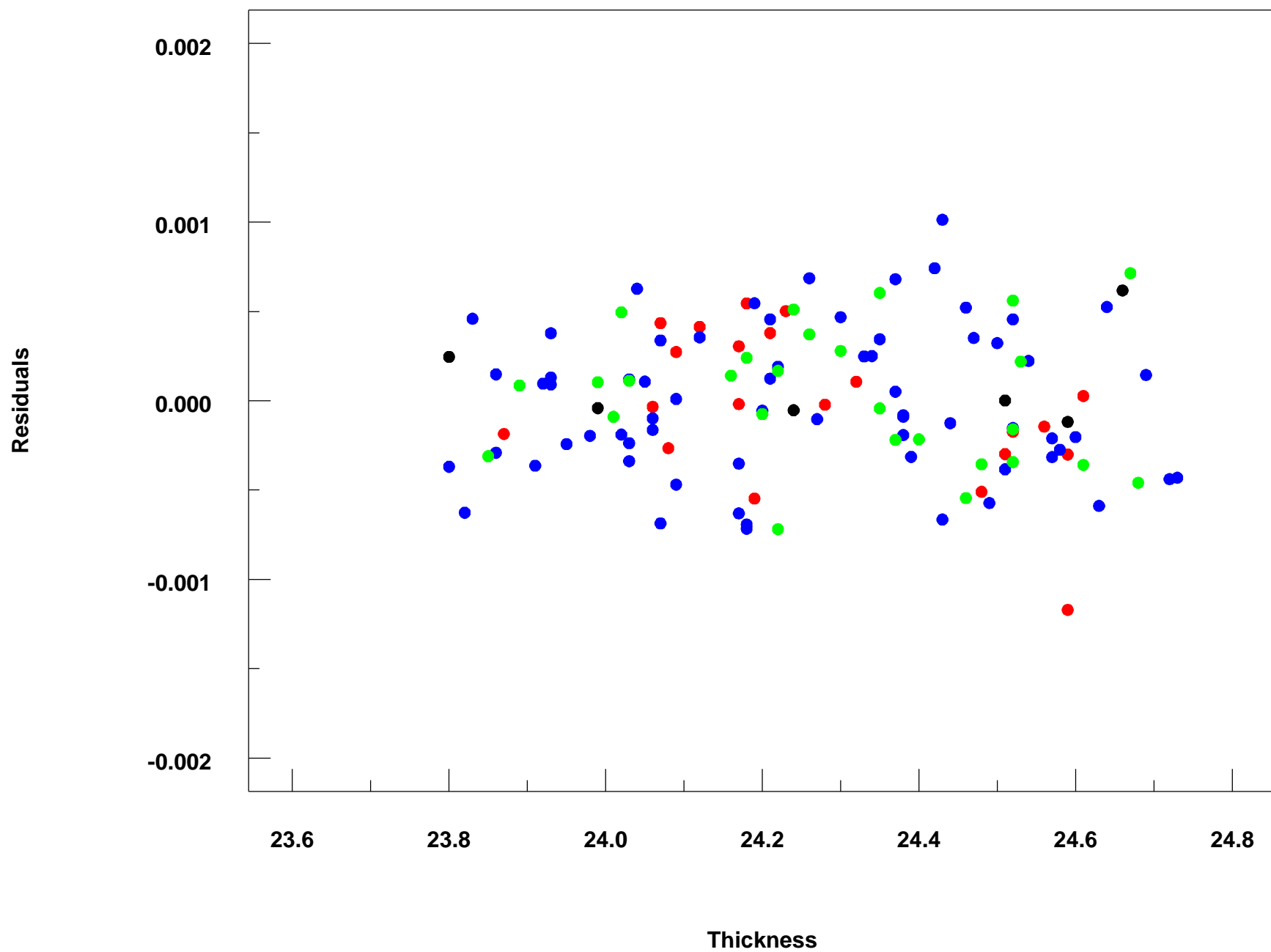
1450 Dataset Model 2: $k = 0.0008635833 + 0.000107818 \cdot t$

RESSD: 0.0003968442, BIC: -1887.761125

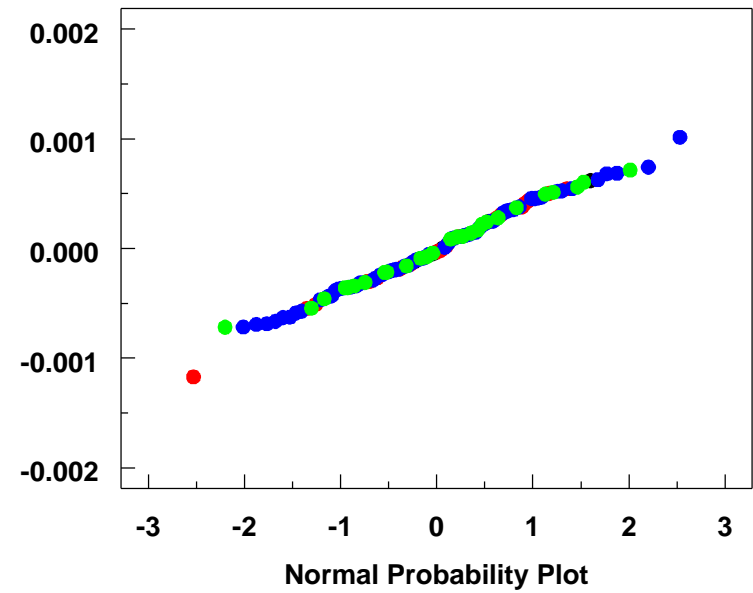
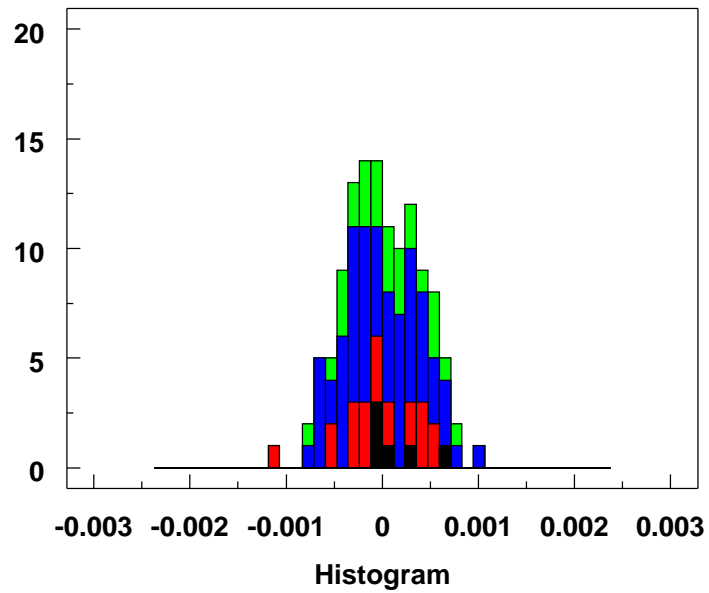
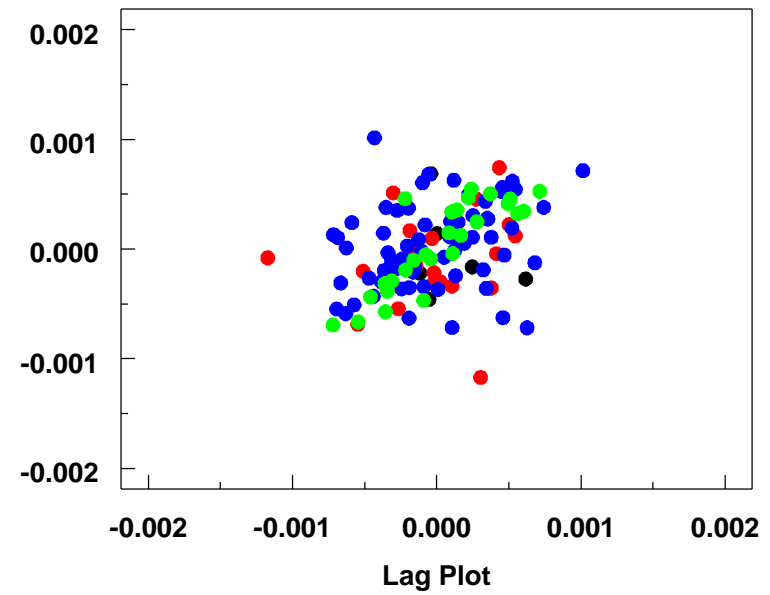
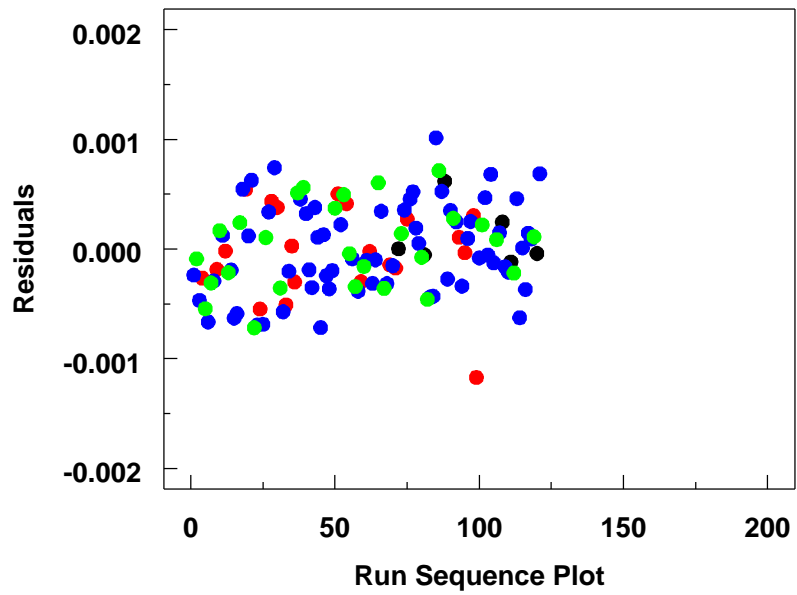


- - Temperature < 260
- - 260 < Temperature < 290
- - 290 < Temperature < 315
- - Temperature > 315

1450 Dataset Model 2: Nusiance Factors Versus Residuals



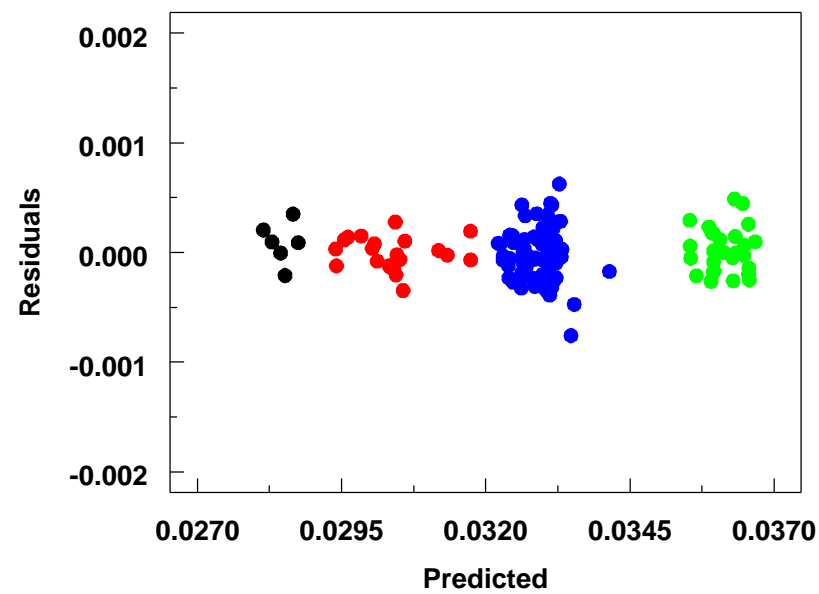
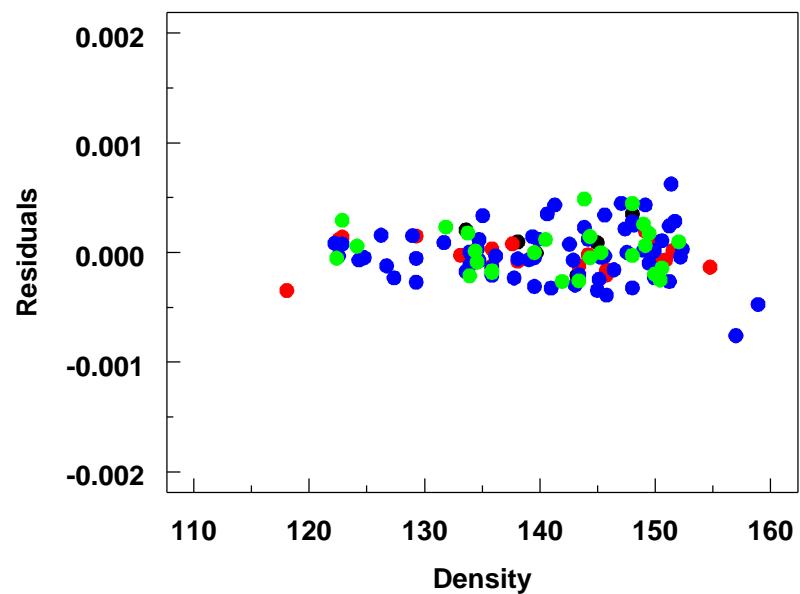
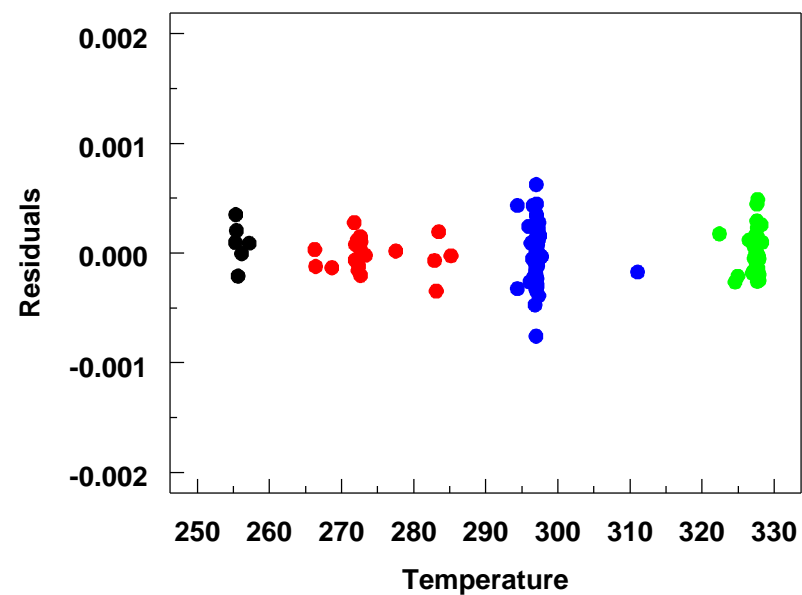
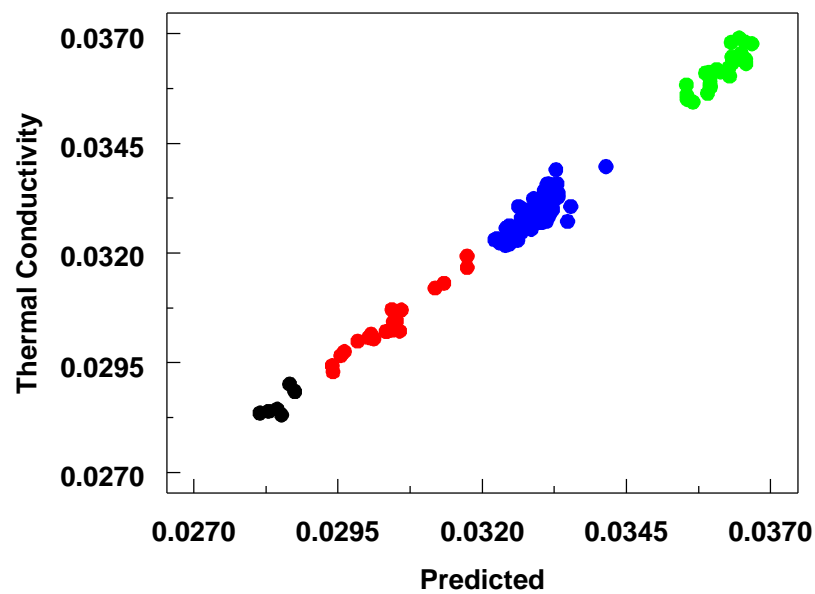
1450 Dataset Model 2: 4-Plot of the Residuals



PPCC = 0.9955

1450 Dataset Model 3: $k = -0.004265244 + 0.0001078216 \cdot t + 0.0000364545 \cdot d$

RESSD: 0.0002207163, BIC: -2025.959529



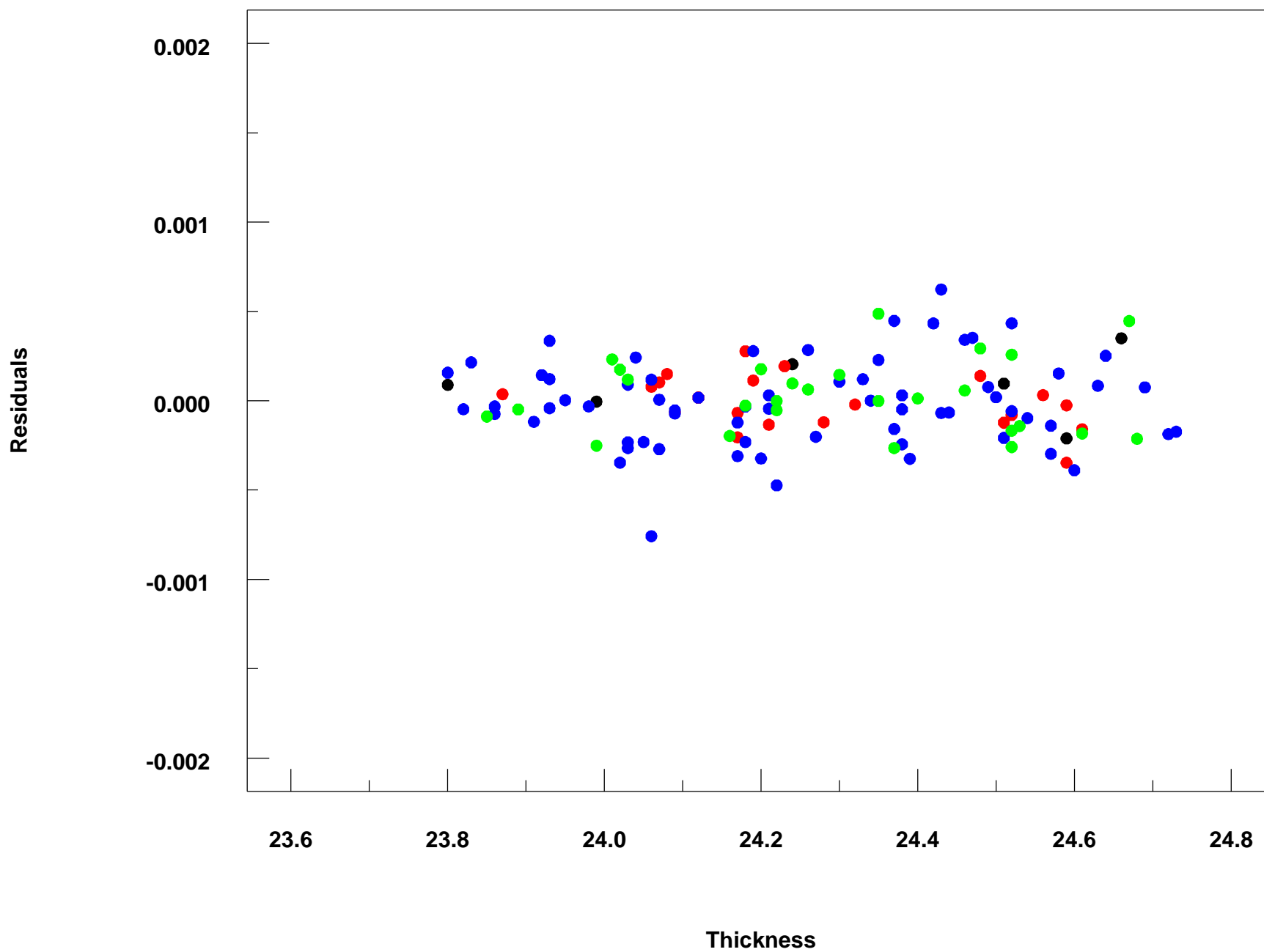
● - Temperature < 260

● - 260 < Temperature < 290

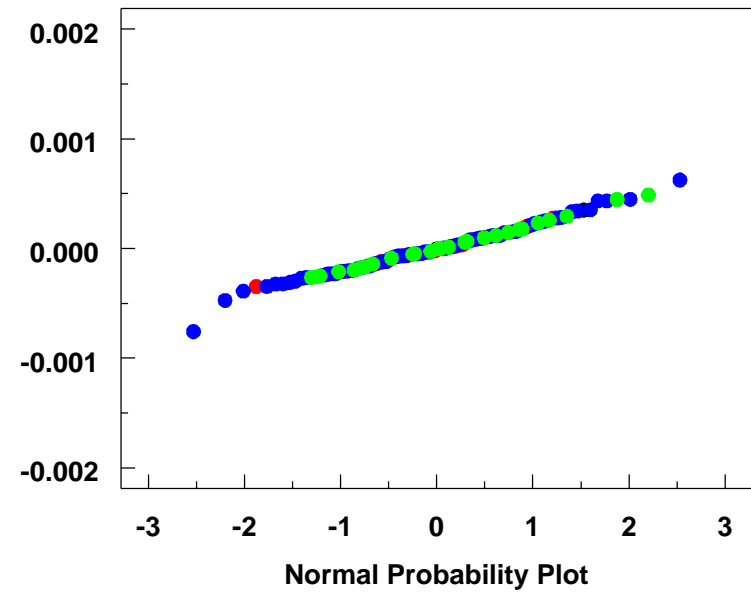
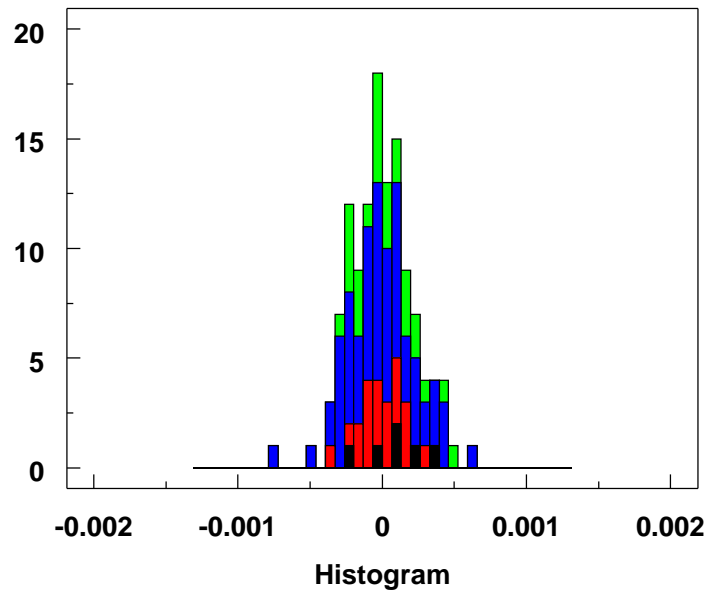
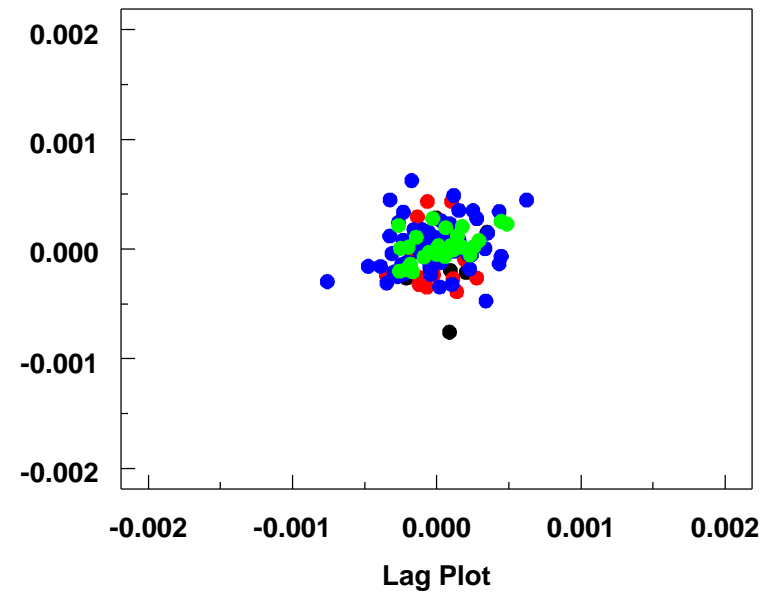
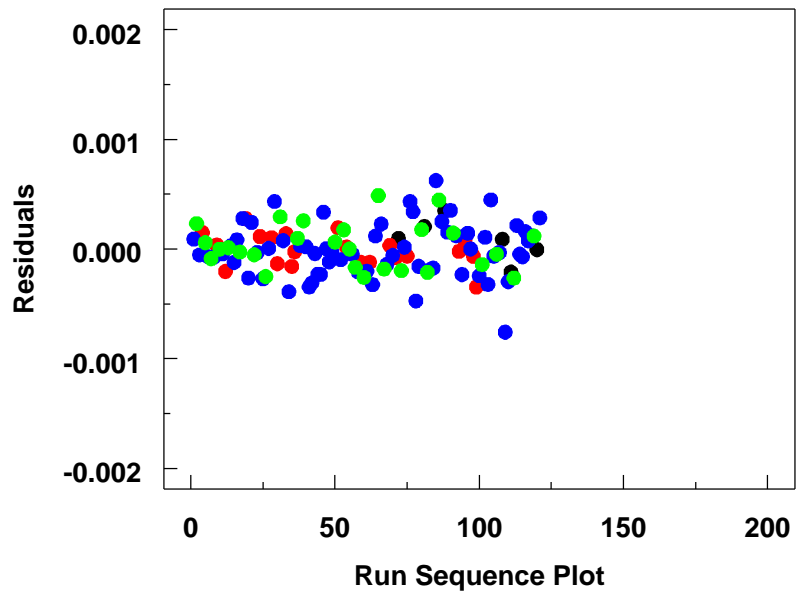
● - 290 < Temperature < 315

● - Temperature > 315

1450 Dataset Model 3: Nusiance Factors Versus Residuals



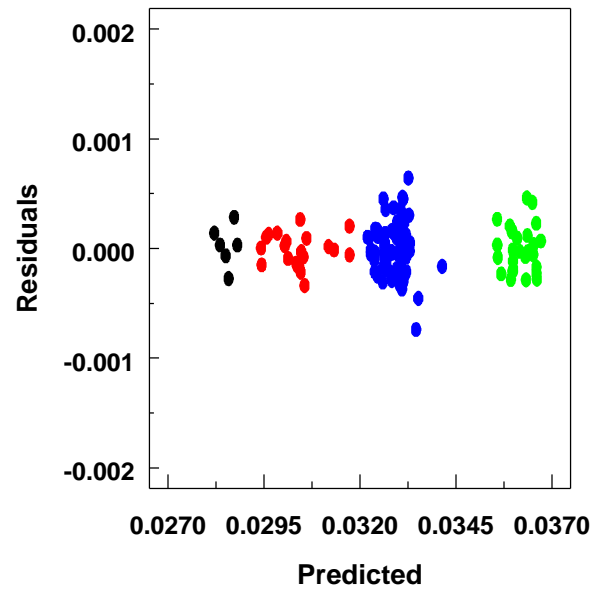
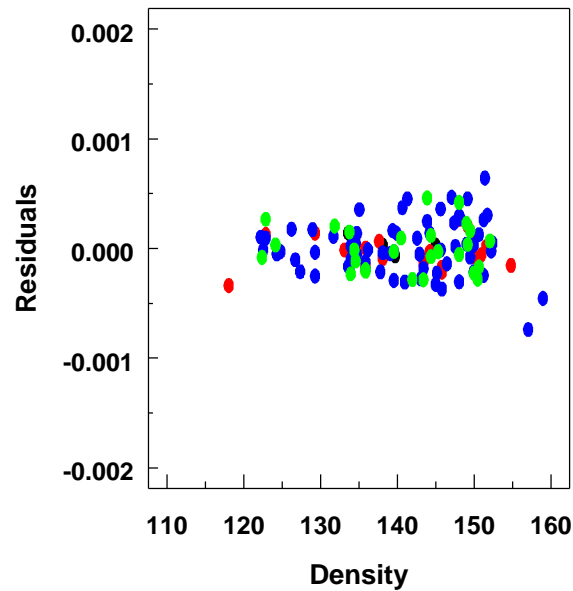
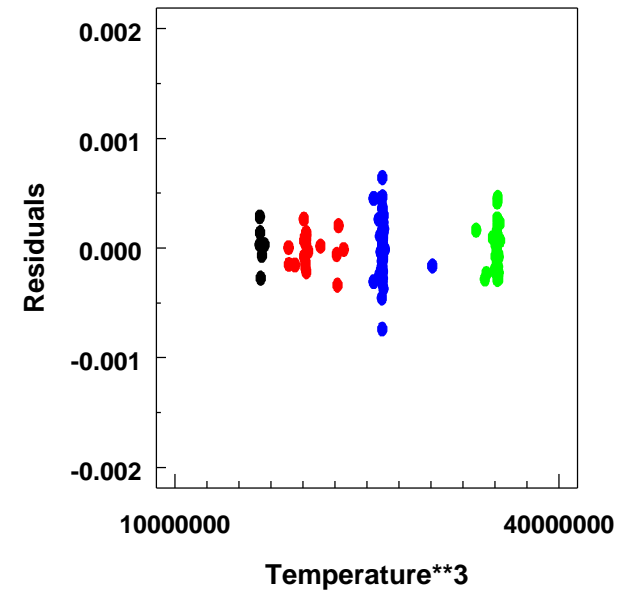
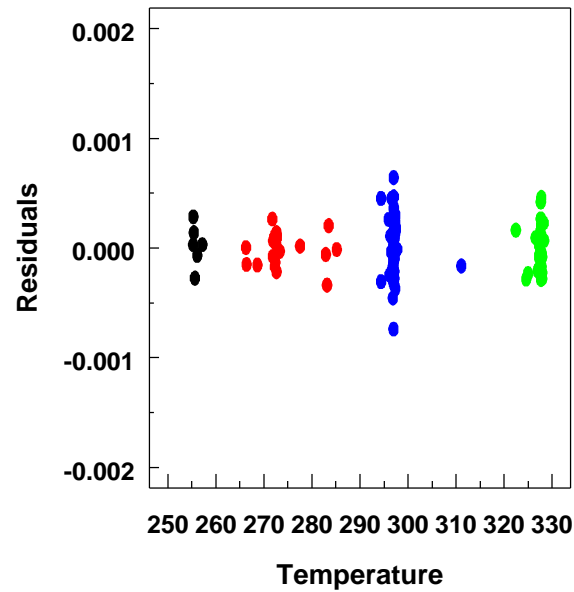
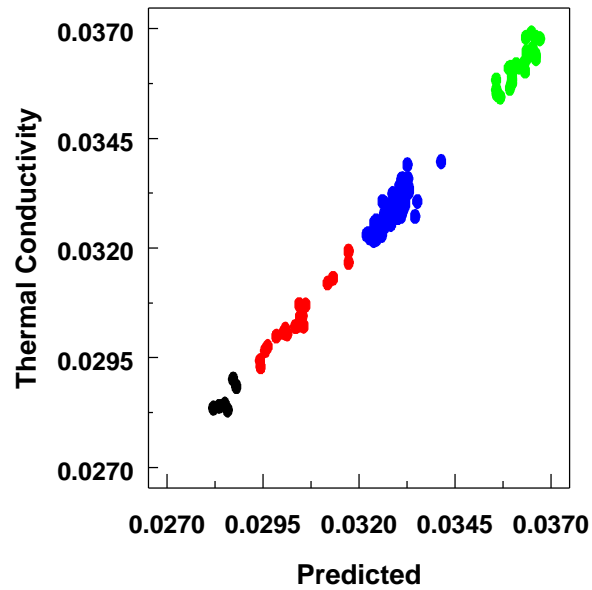
1450 Dataset Model 3: 4-Plot of the Residuals



PPCC = 0.9927

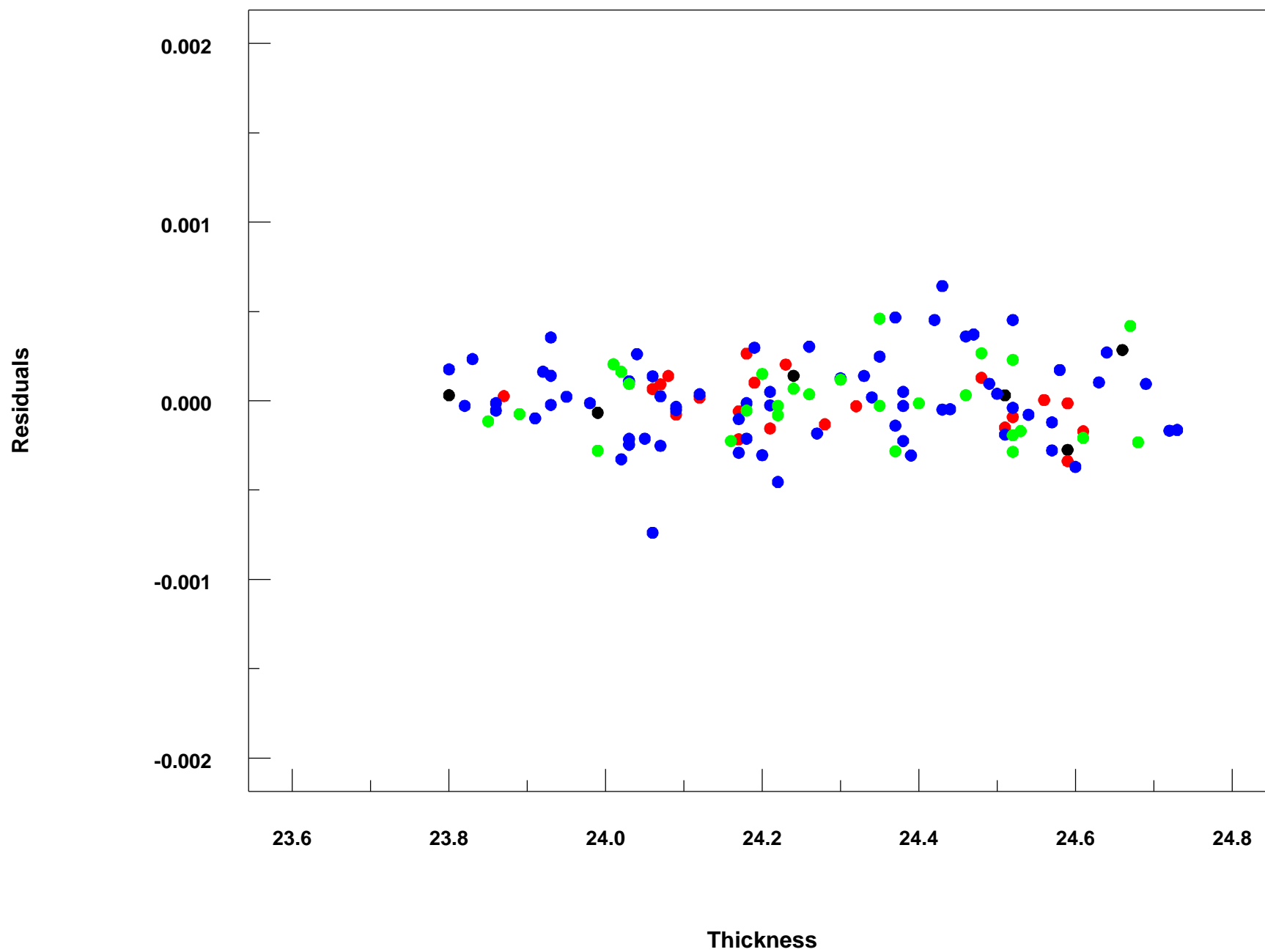
1450 Dataset Model 4: $k = -0.001359625 + 0.000093079 \cdot t + 0.0000364556 \cdot d + 0 \cdot t^3$

RESSD: 0.0002202948, BIC: -2022.656054

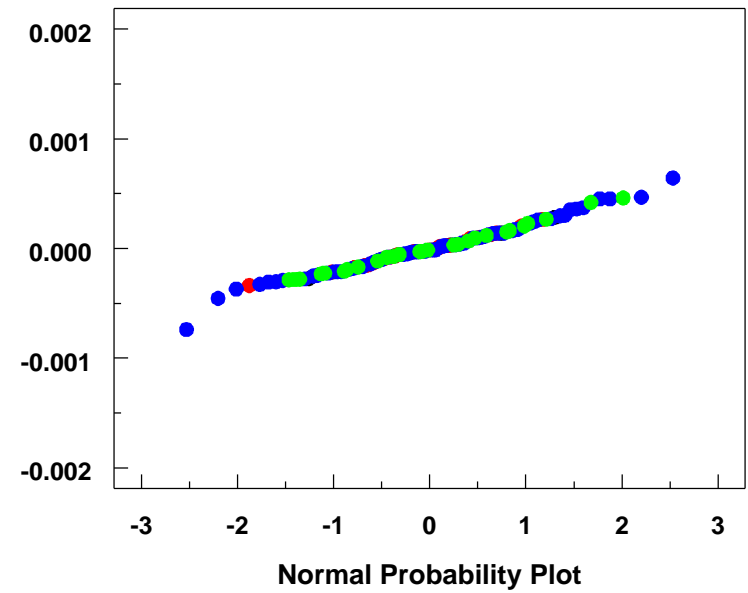
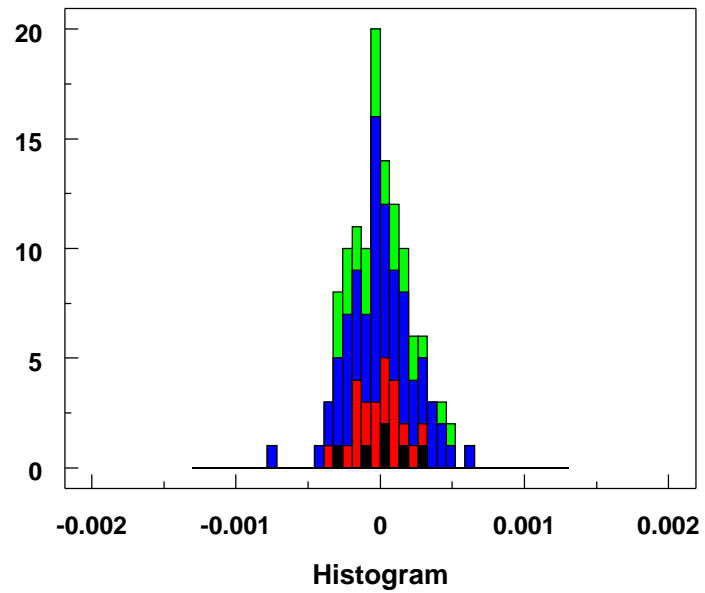
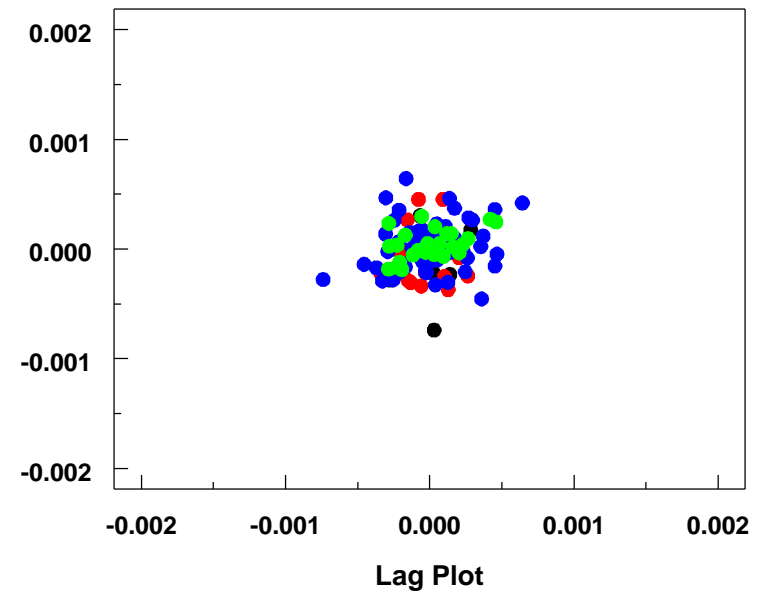
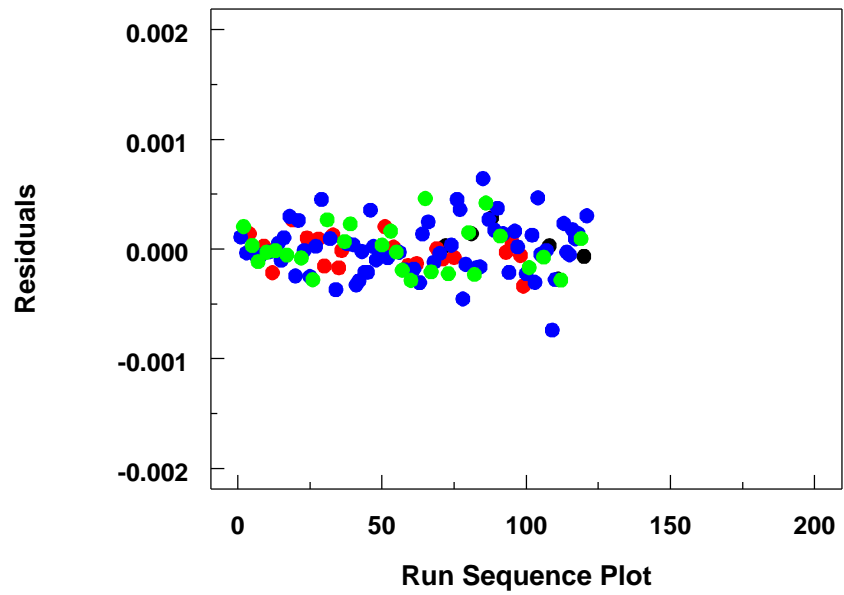


- - Temperature < 260
- - 260 < Temperature < 290
- - 290 < Temperature < 315
- - Temperature > 315

1450 Dataset Model 4: Nusiance Factors Versus Residuals



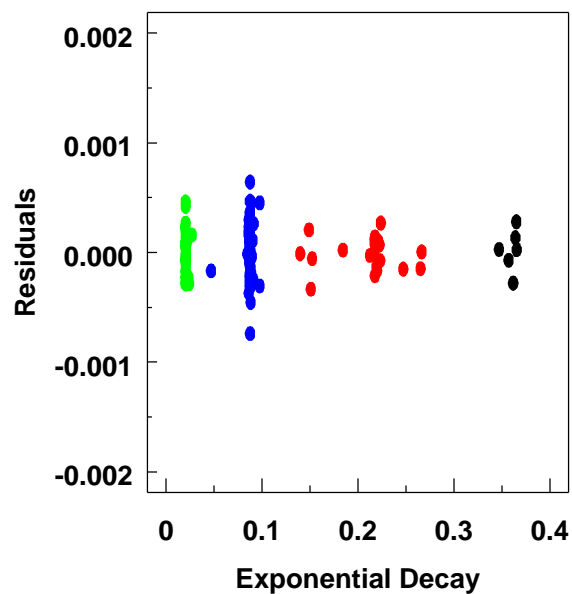
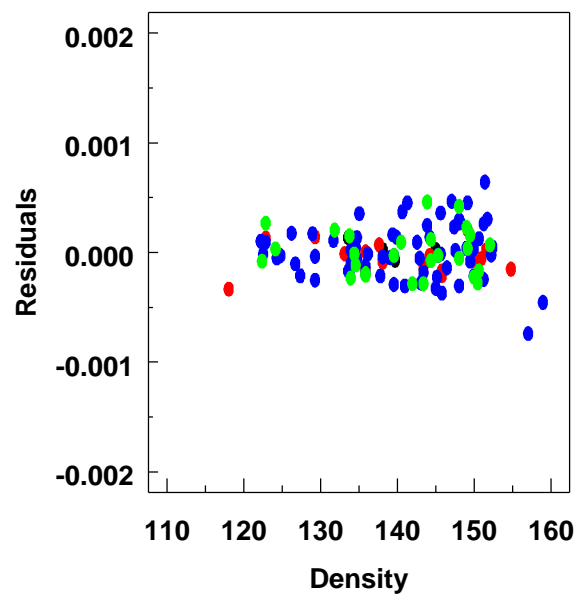
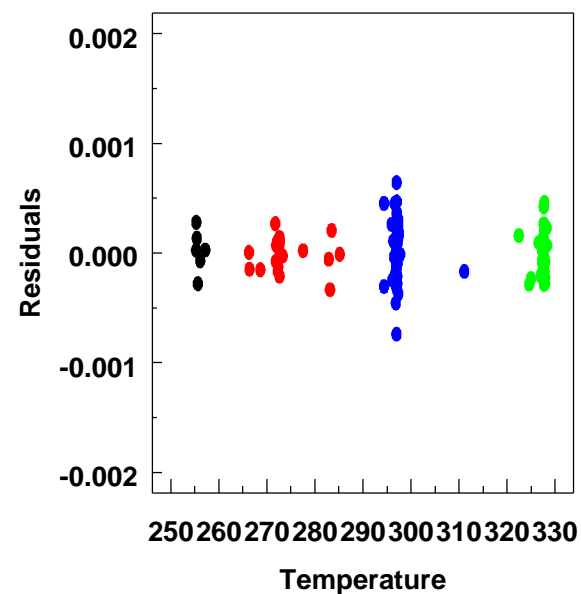
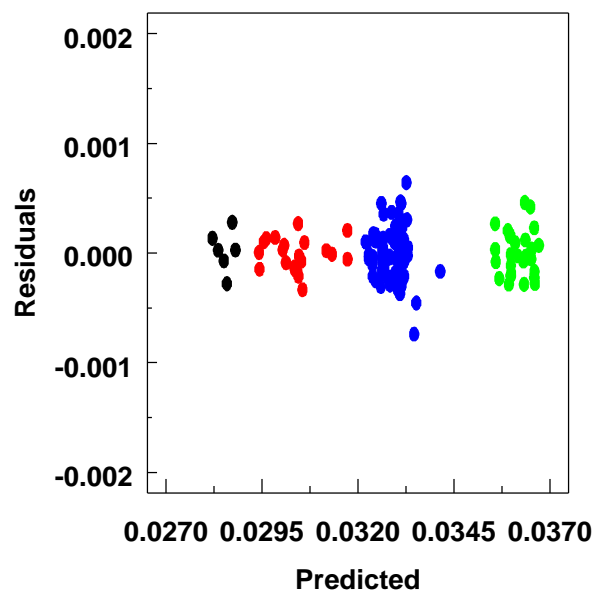
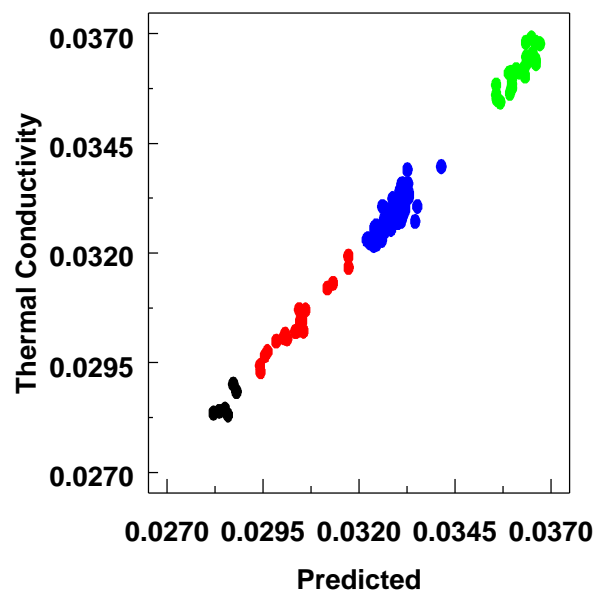
1450 Dataset Model 4: 4-Plot of the Residuals



PPCC = 0.9915

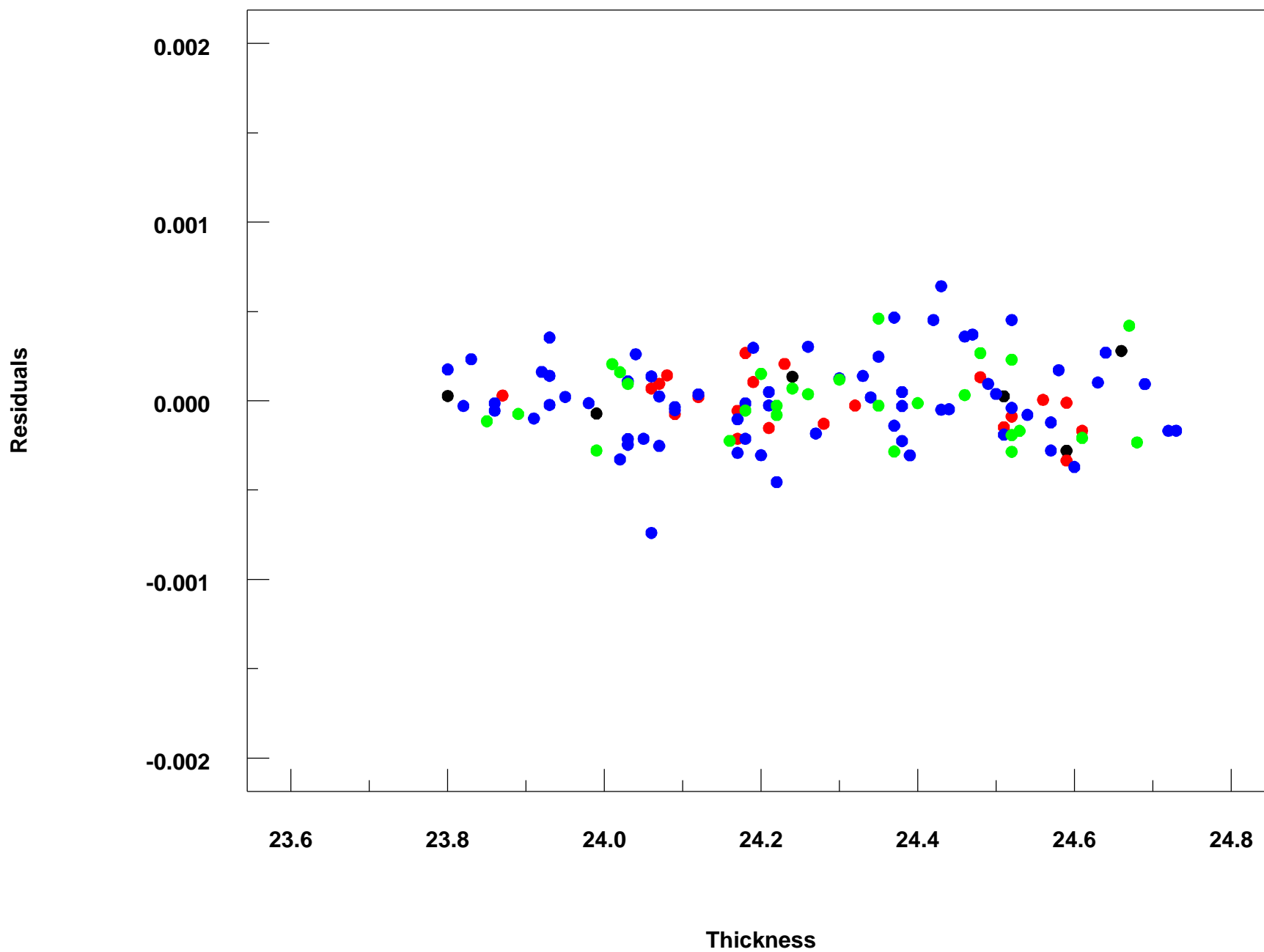
1450 Dataset Model 5: $k = -0.00531374 + 0.0001110515 \cdot t + 0.0000364548 \cdot d + 0.0008068021 \cdot e1$

RESSD: 0.000220279, BIC: -2022.673468

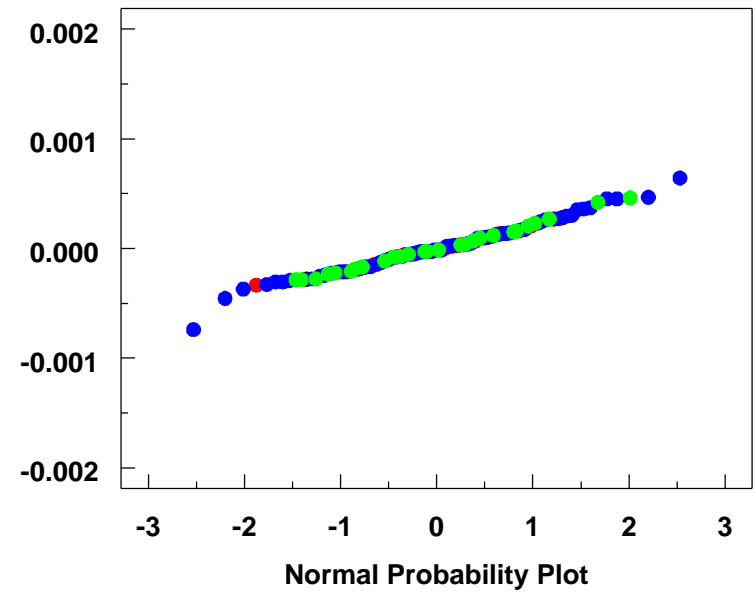
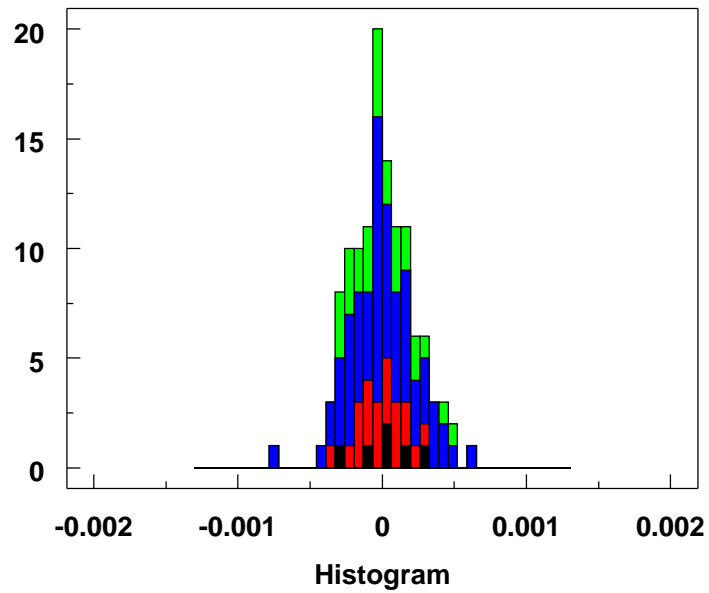
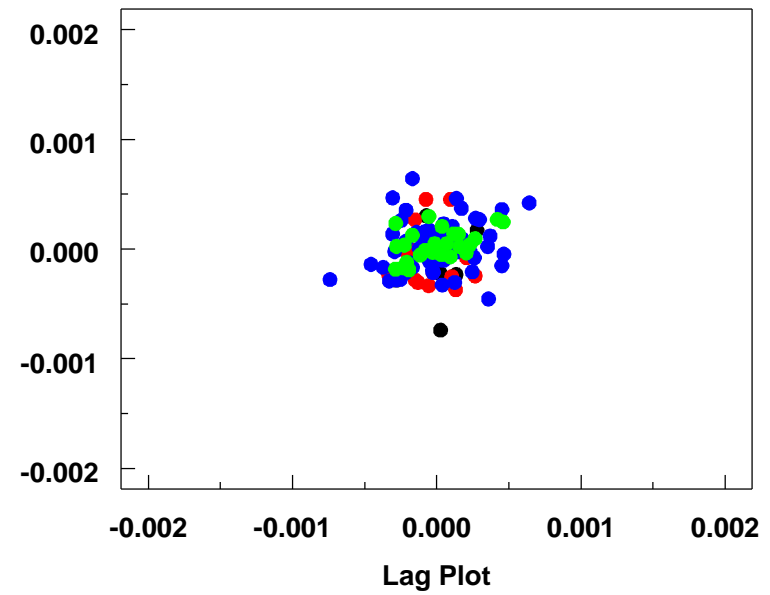
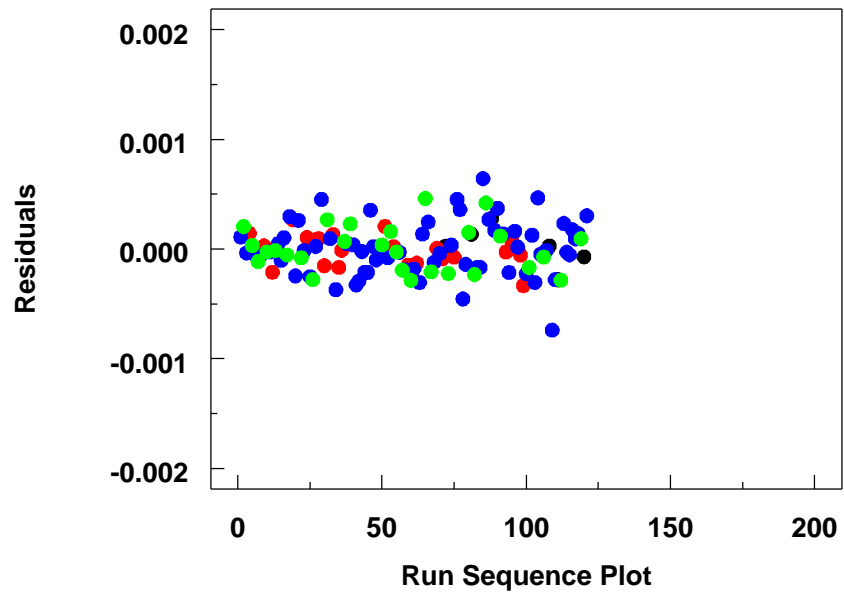


- - Temperature < 260
- - 260 < Temperature < 290
- - 290 < Temperature < 315
- - Temperature > 315

1450 Dataset Model 5: Nusiance Factors Versus Residuals

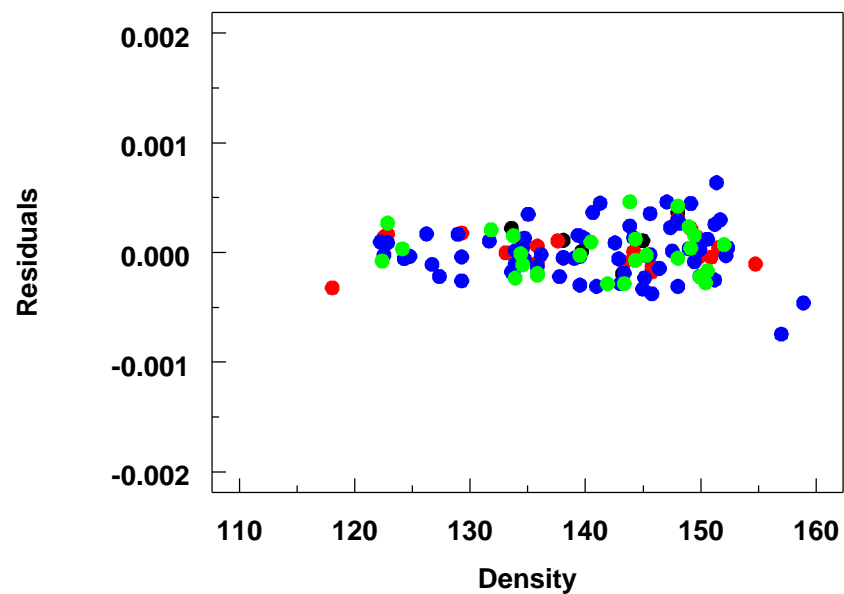
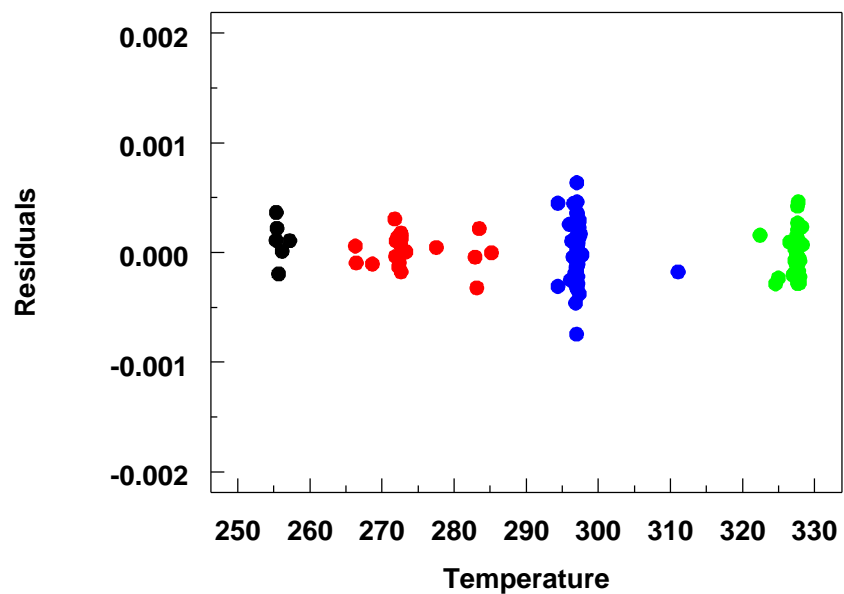
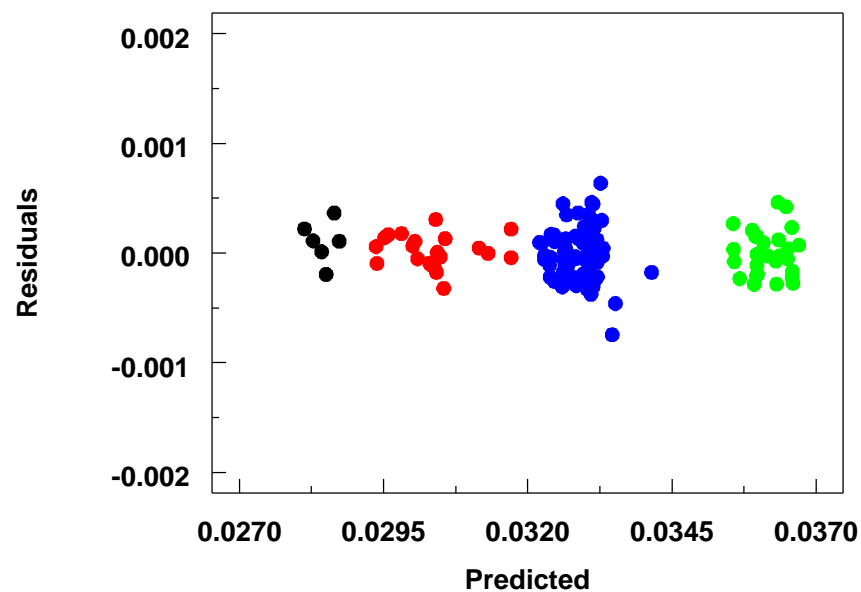
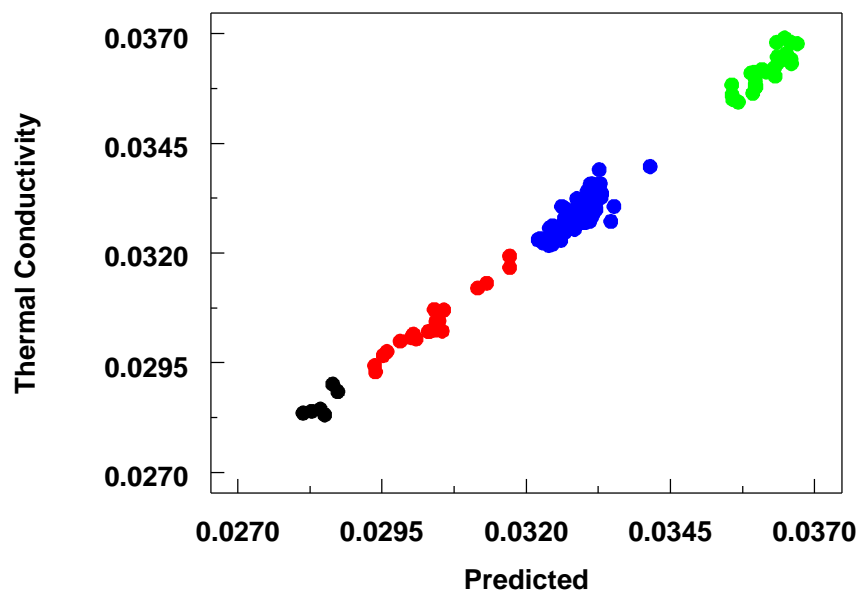


1450 Dataset Model 5: 4-Plot of the Residuals



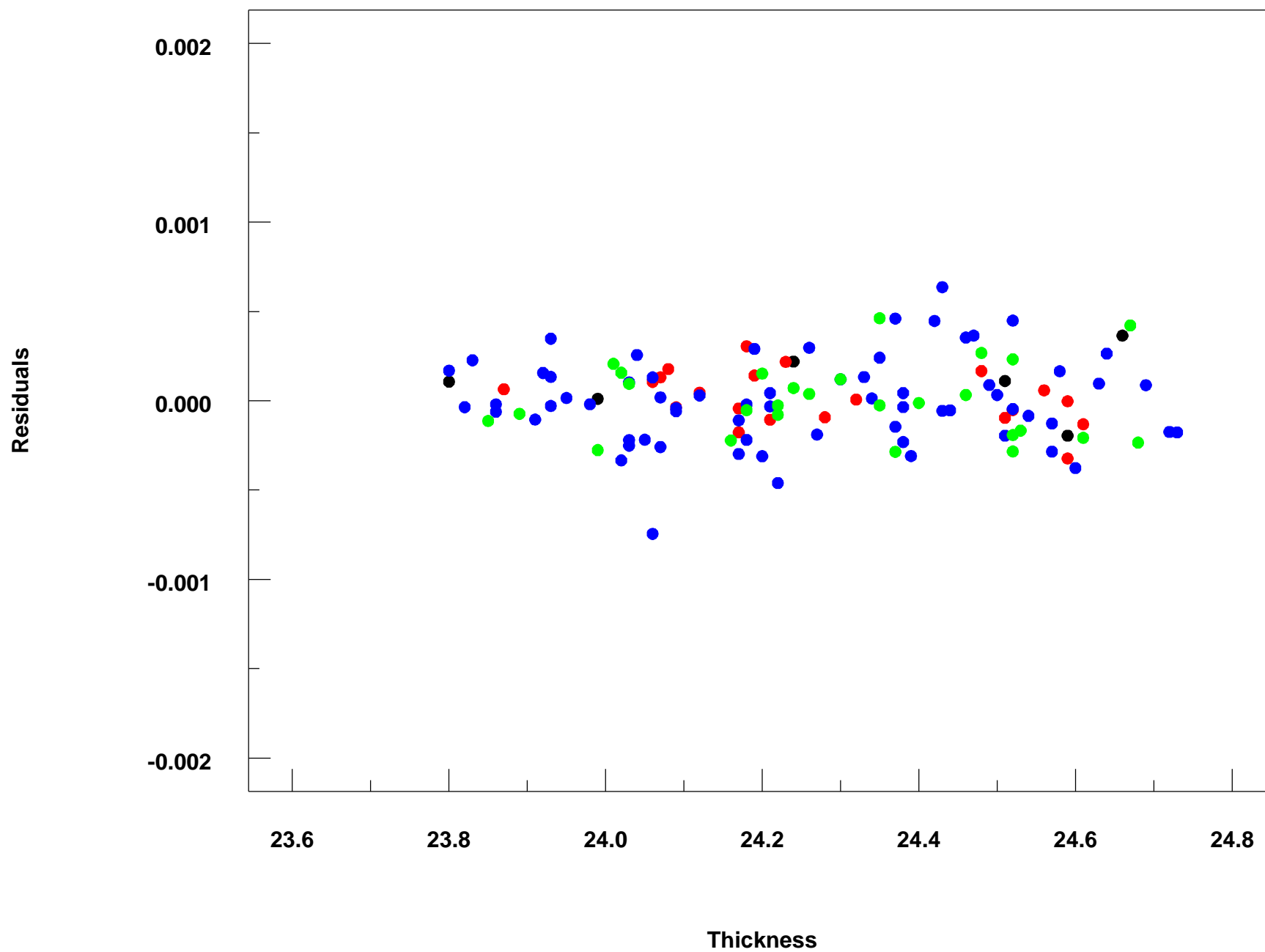
PPCC = 0.9914

1450 Dataset Model 5a: $k = -0.0046988 + 0.0001092297 \cdot t + 0.0000364275 \cdot d + 0.0350113829 \cdot \text{EXP}(-((t-3.9640168945)/99.981997477)^{**2})$ (RESSD: 0.0002235122, BIC: -2011.763597)

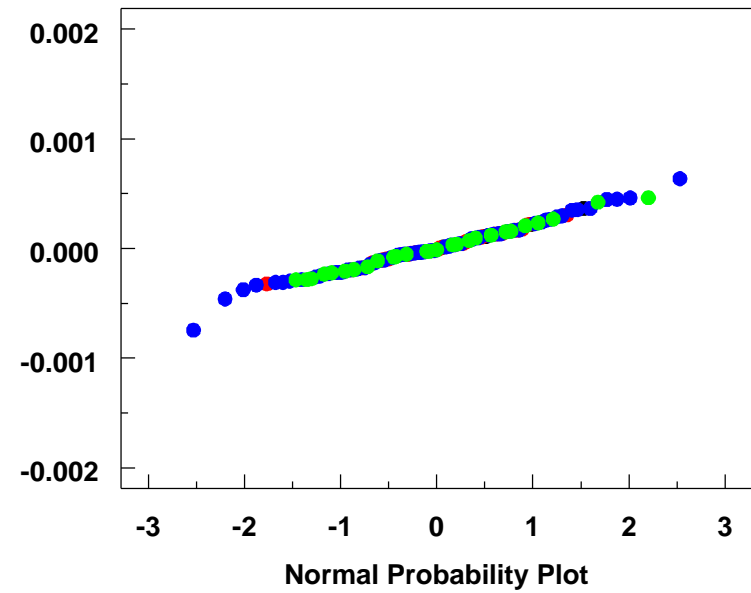
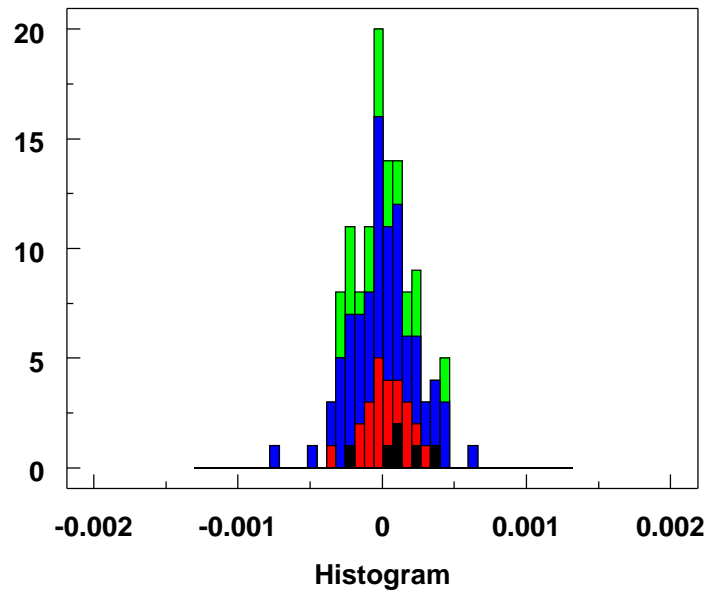
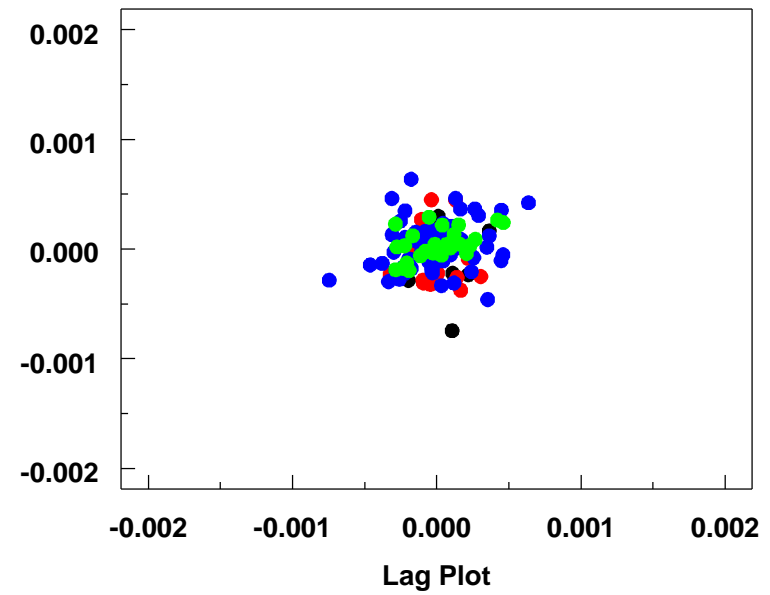
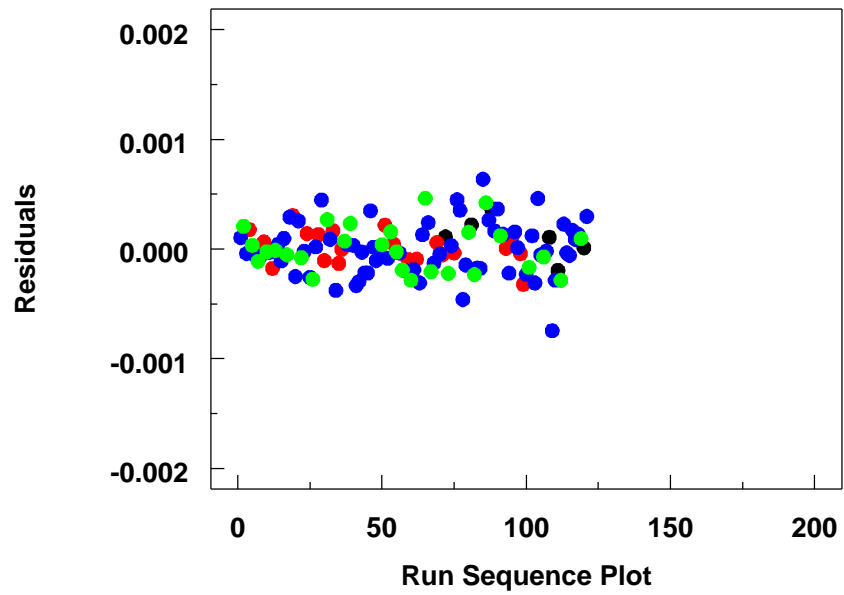


● - Temperature < 260 ● - 260 < Temperature < 290 ● - 290 < Temperature < 315
 ● - Temperature > 315

1450 Dataset Model 5a: Nuisance Factors Versus Residuals



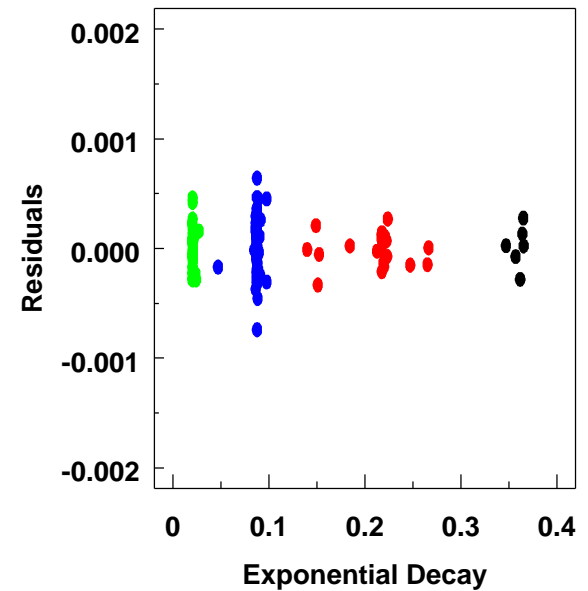
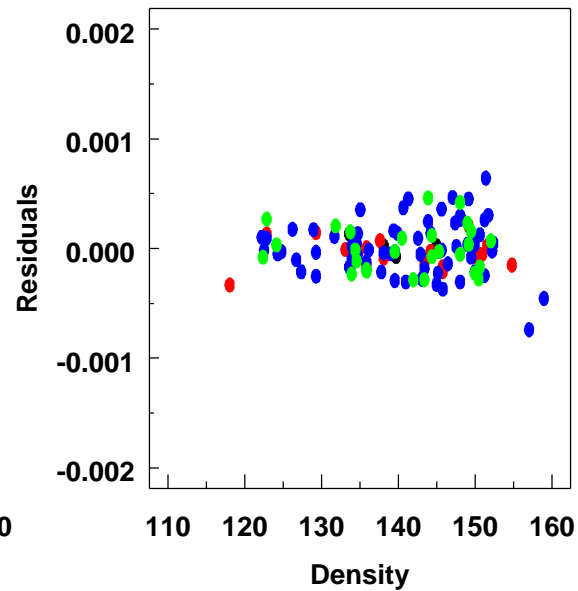
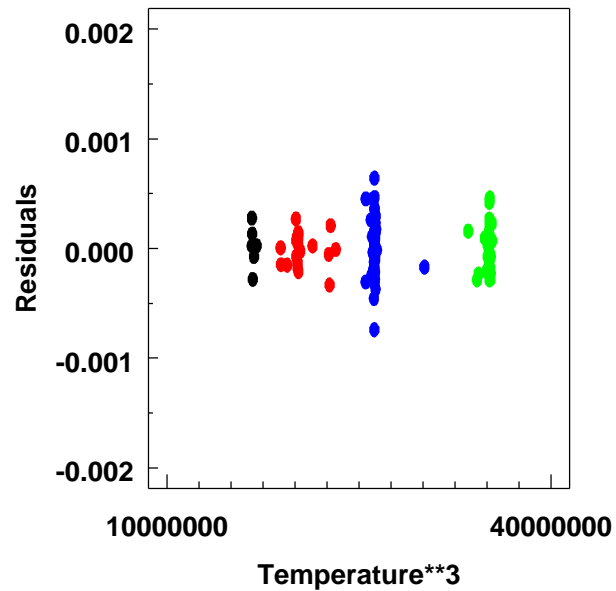
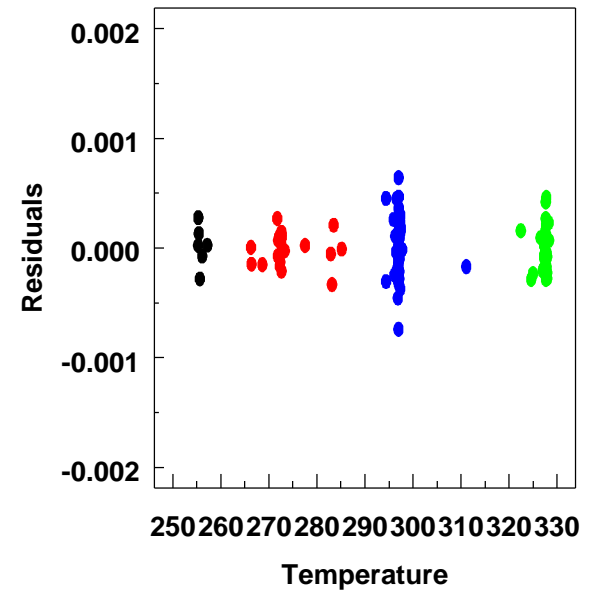
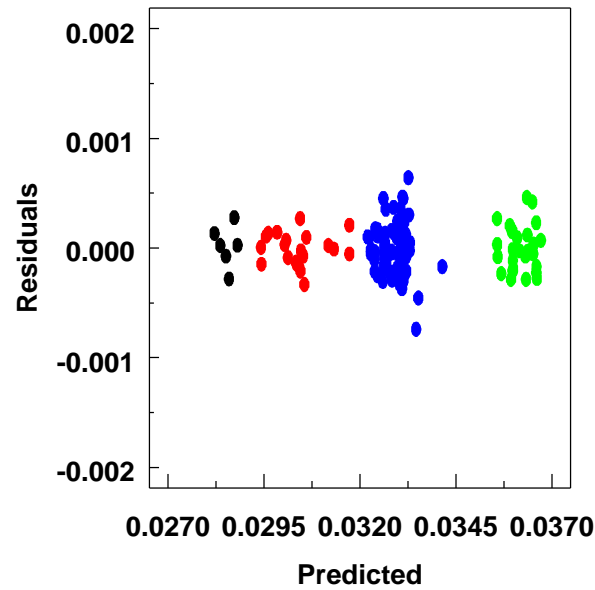
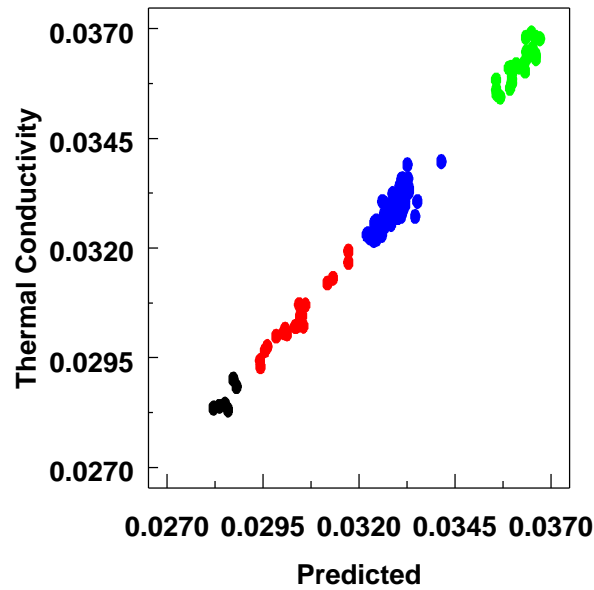
1450 Dataset Model 5a: 4-Plot of the Residuals



PPCC = 0.9926

1450 Dataset Model 6: $k = 0.0329708264 + 0.000107818 \cdot t + 0.0000364545 \cdot d + 0 \cdot t^{**3} + 0.0012053797 \cdot e1$

RESSD: 0.0002212244, BIC: -2017.87983



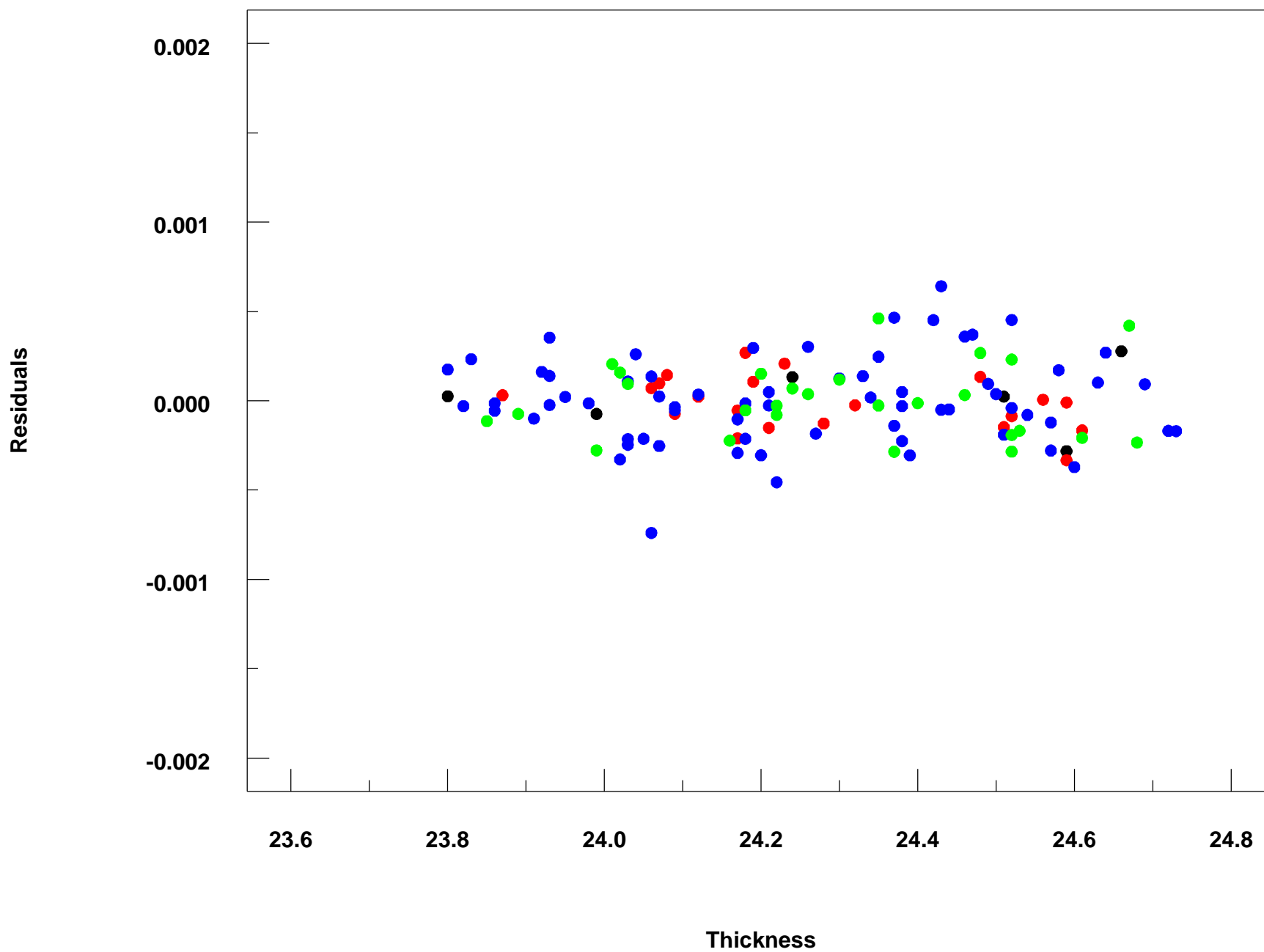
● - Temperature < 260

● - 260 < Temperature < 290

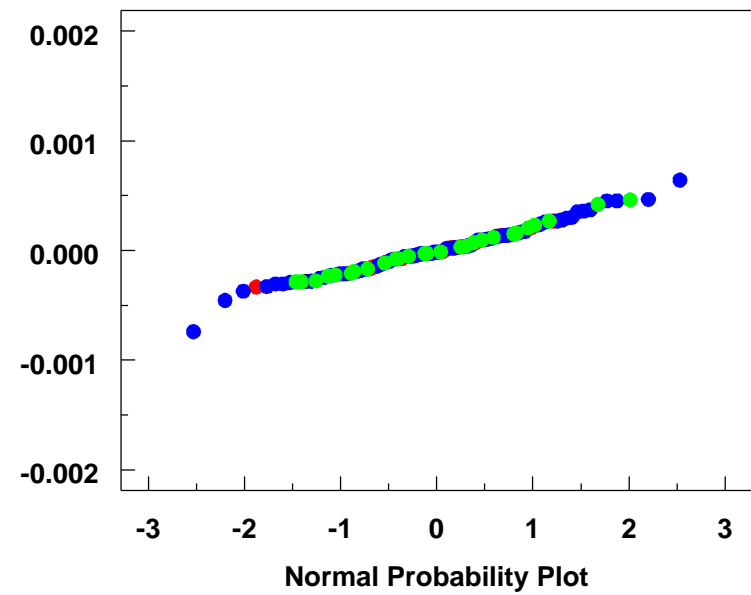
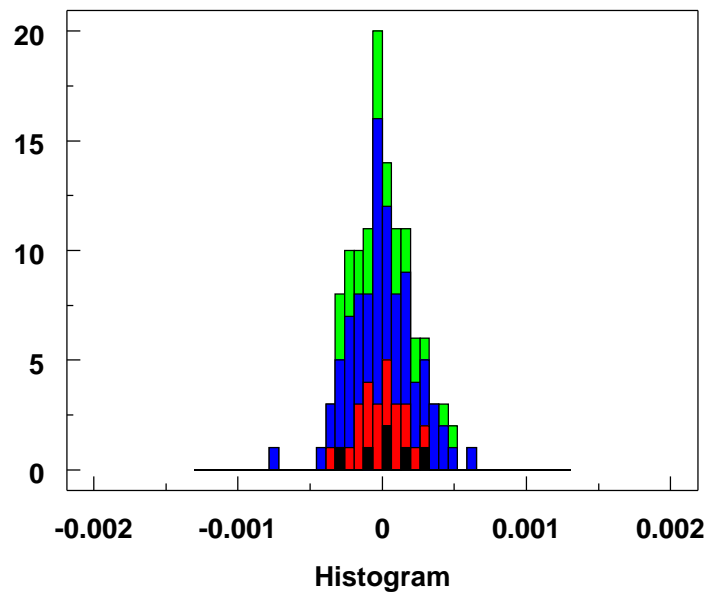
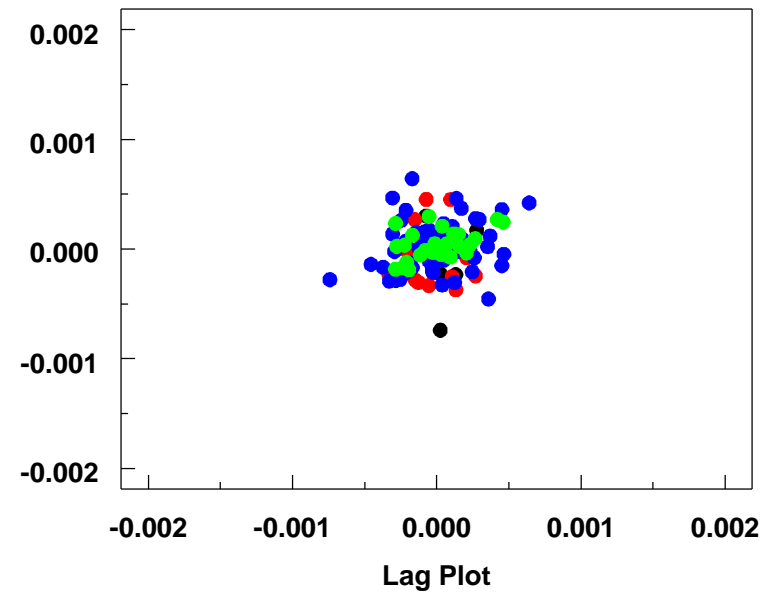
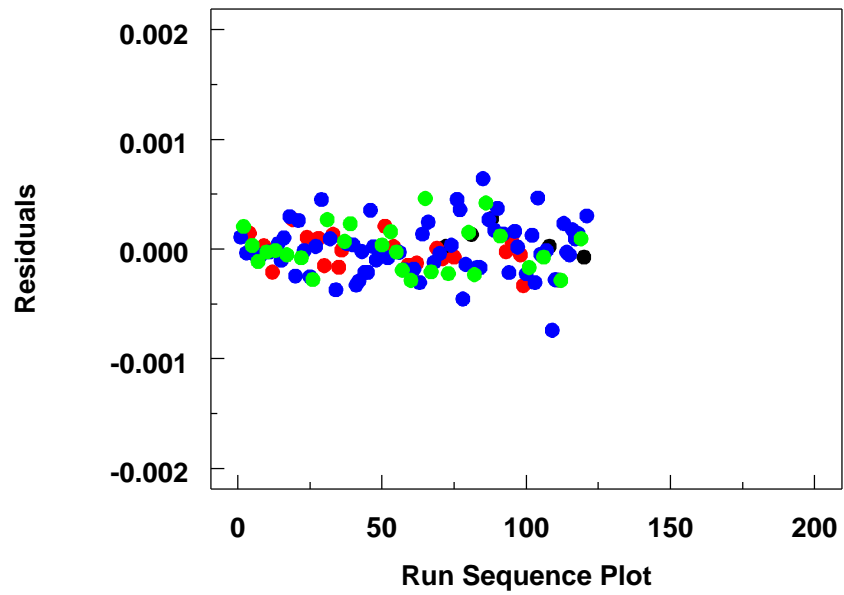
● - 290 < Temperature < 315

● - Temperature > 315

1450 Dataset Model 6: Nusiance Factors Versus Residuals

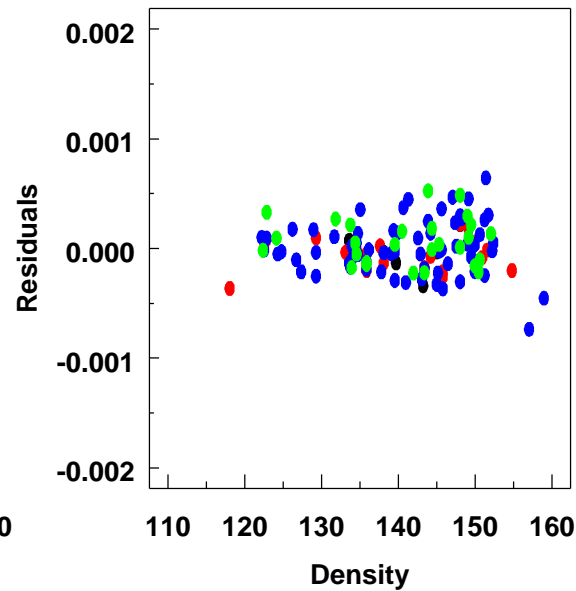
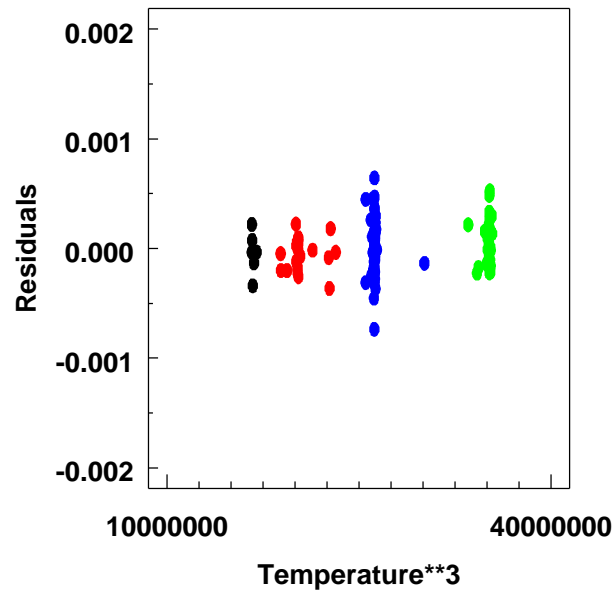
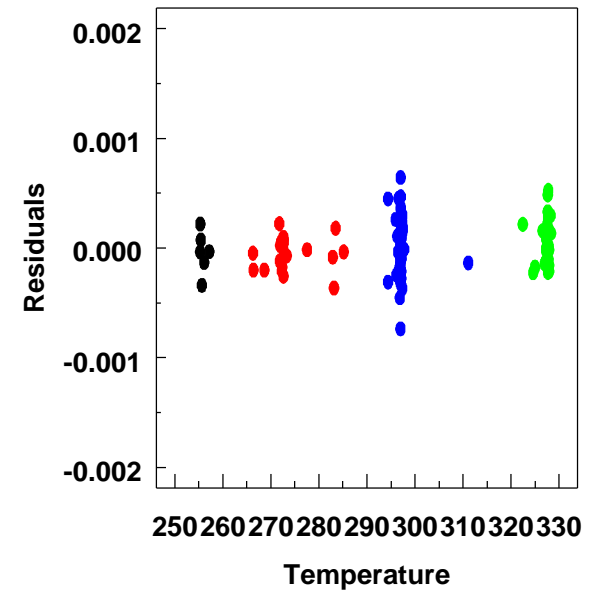
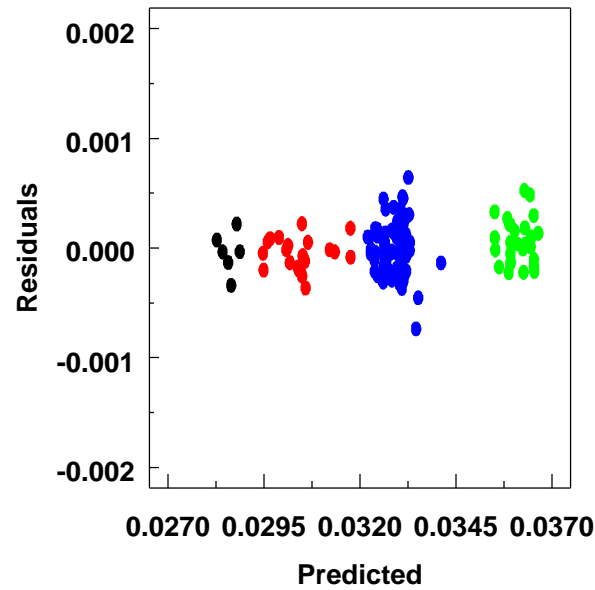
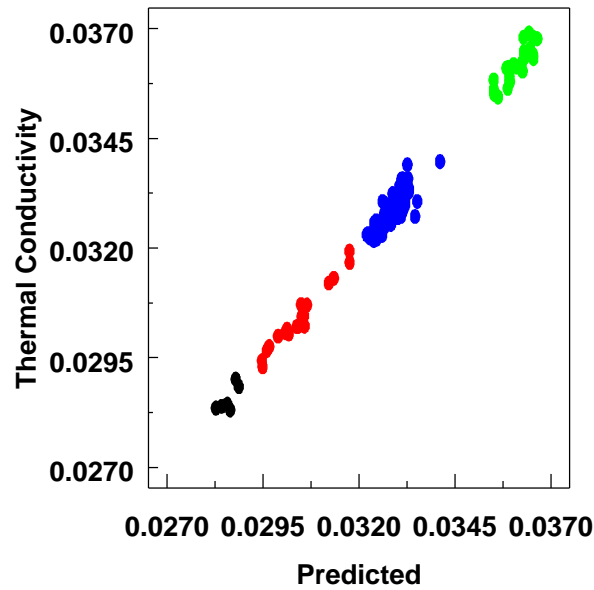


1450 Dataset Model 6: 4-Plot of the Residuals



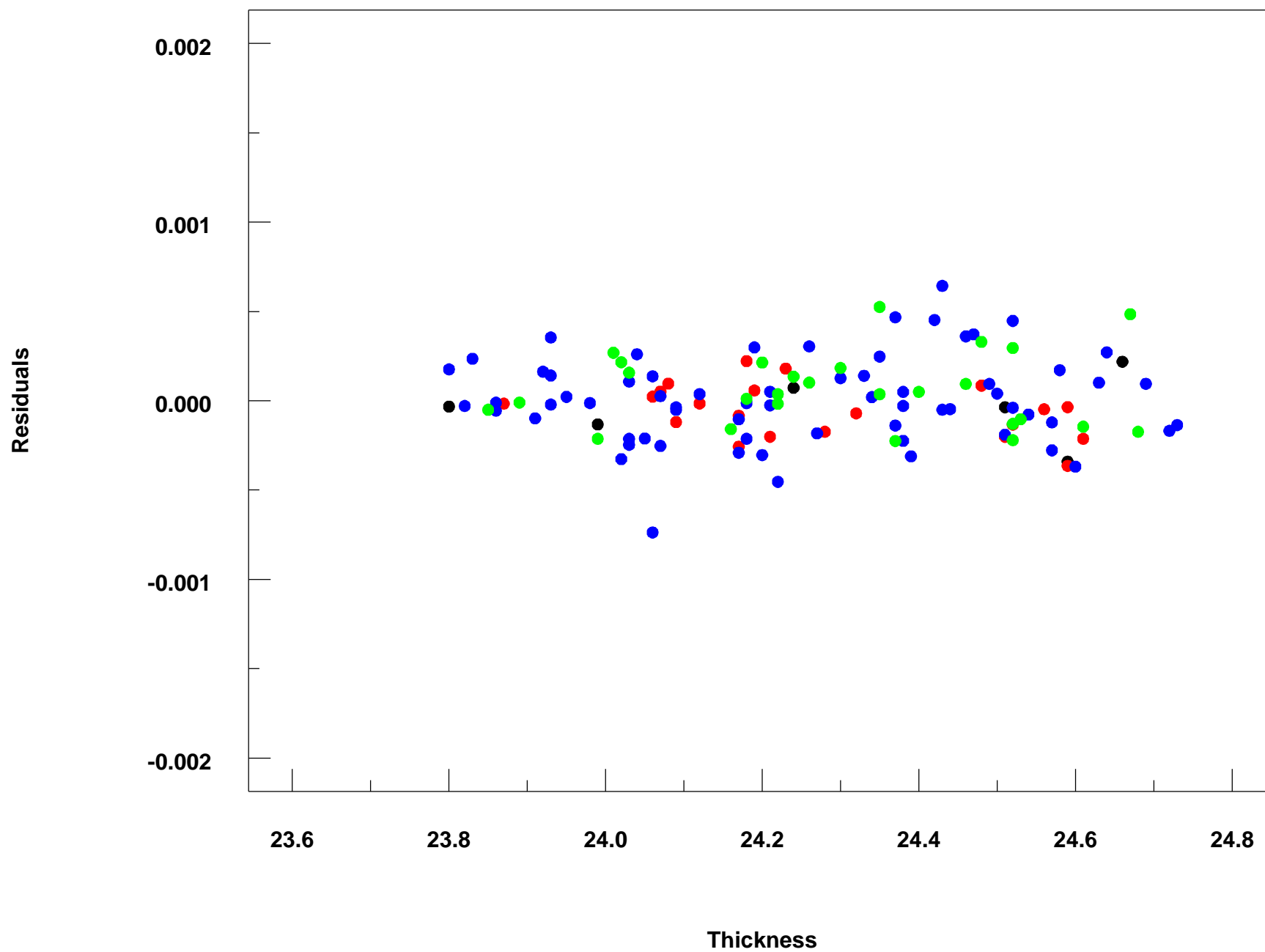
PPCC = 0.9914

1450 Dataset Model 6a: $k = -0.0011754 + 0.000093328 \cdot t + 0.0000363715 \cdot d + 0 \cdot t^{**3} +$
 $-43.85301507 \cdot \text{EXP}(-((t-103759.0166)/-27749.55474)^{**2})$ (RESSD: 0.0002265156, BIC: -2004.724275)

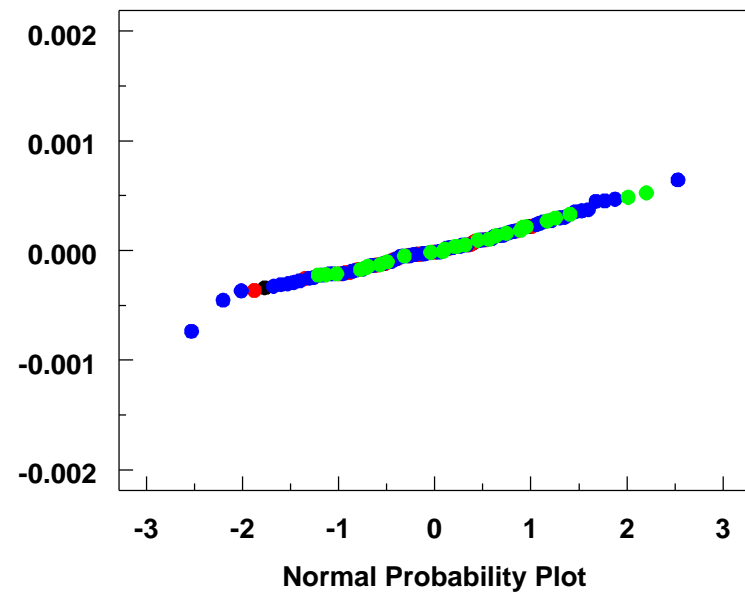
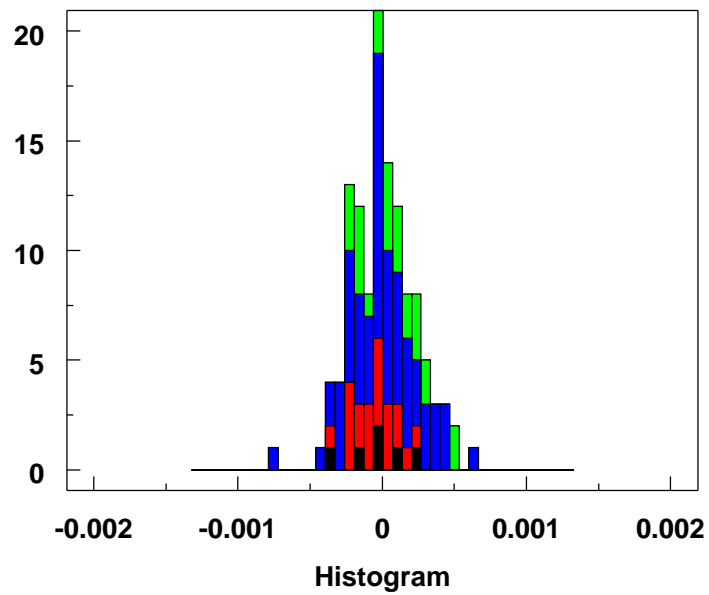
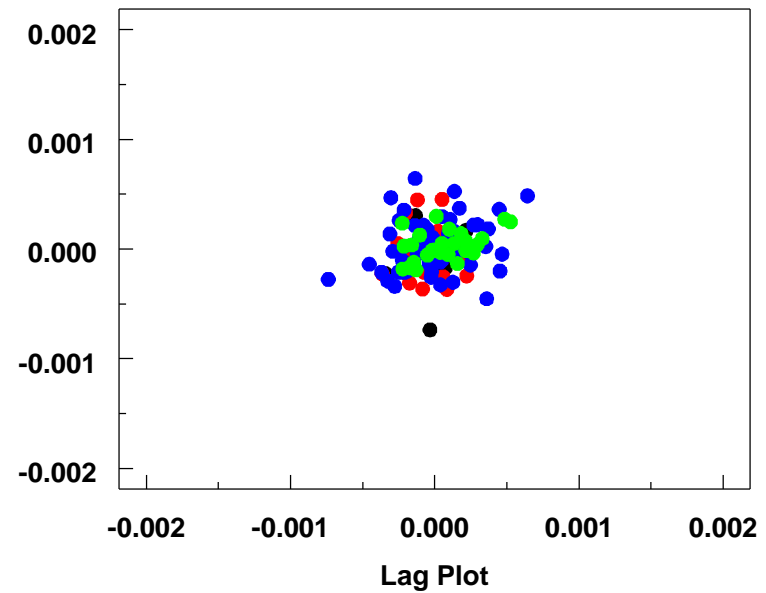
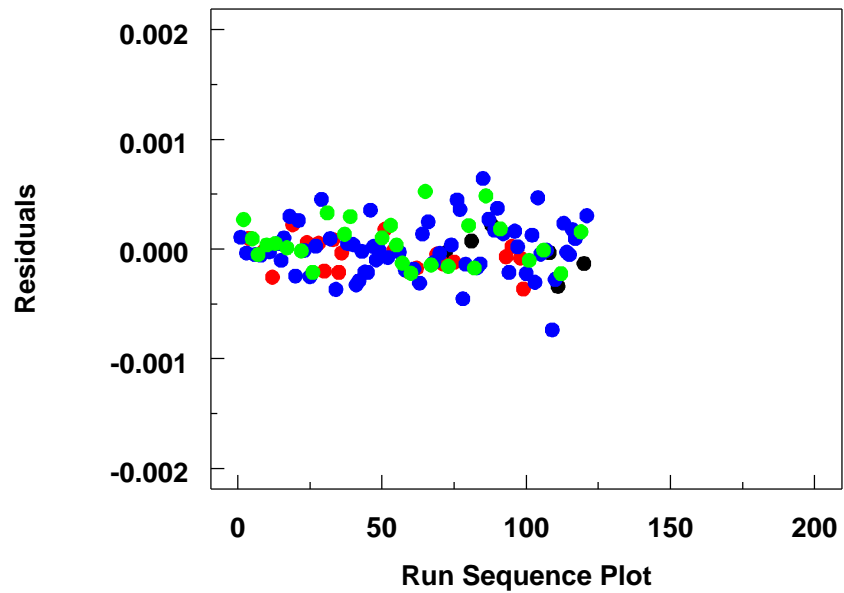


- - Temperature < 260
- - 260 < Temperature < 290
- - 290 < Temperature < 315
- - Temperature > 315

1450 Dataset Model 6a: Nuisance Factors Versus Residuals



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



PPCC = 0.9917

1450

