

The Mixed Procedure

Model Information	
Data Set	REPEAT.REPEATDATA
Dependent Variable	weight
Covariance Structure	Unstructured
Subject Effect	Chick(Diet)
Estimation Method	REML
Residual Variance Method	None
Fixed Effects SE Method	Model-Based
Degrees of Freedom Method	Between-Within

Class Level Information		
Class	Levels	Values
Diet	4	1 2 3 4
Chick	49	1 10 11 12 13 14 15 16 17 19 2 20 21 22 23 24 25 26 27 28 29 3 30 31 32 33 34 35 36 37 38 39 4 40 41 42 43 44 45 46 47 48 49 5 50 6 7 8 9
Time	3	10 18 21

Dimensions	
Covariance Parameters	6
Columns in X	20
Columns in Z	0
Subjects	49
Max Obs Per Subject	3

Number of Observations	
Number of Observations Read	141
Number of Observations Used	141
Number of Observations Not Used	0

Iteration History			
Iteration	Evaluations	-2 Res Log Like	Criterion
0	1	1396.07743029	
1	3	1177.78560780	0.00103860
2	1	1177.29205471	0.00004402
3	1	1177.27077572	0.00000009
4	1	1177.27073492	0.00000000

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Convergence criteria met.

Estimated R Correlation Matrix for Chick(Diet) 1 1			
Row	Col1	Col2	Col3
1	1.0000	0.7988	0.6615
2	0.7988	1.0000	0.9632
3	0.6615	0.9632	1.0000

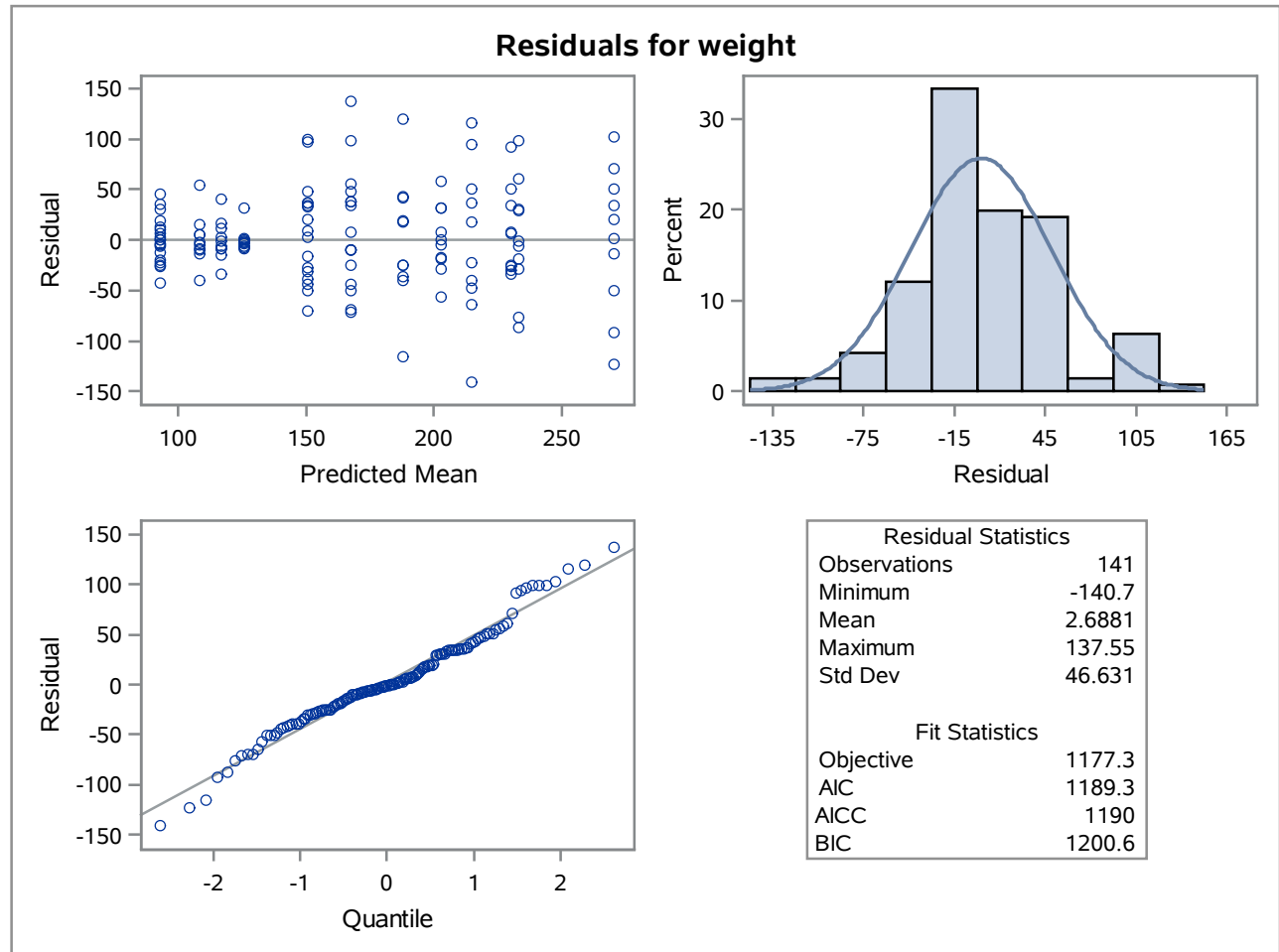
Covariance Parameter Estimates		
Cov Parm	Subject	Estimate
UN(1,1)	Chick(Diet)	428.98
UN(2,1)	Chick(Diet)	882.94
UN(2,2)	Chick(Diet)	2848.34
UN(3,1)	Chick(Diet)	895.29
UN(3,2)	Chick(Diet)	3359.26
UN(3,3)	Chick(Diet)	4270.54

Fit Statistics	
-2 Res Log Likelihood	1177.3
AIC (smaller is better)	1189.3
AICC (smaller is better)	1190.0
BIC (smaller is better)	1200.6

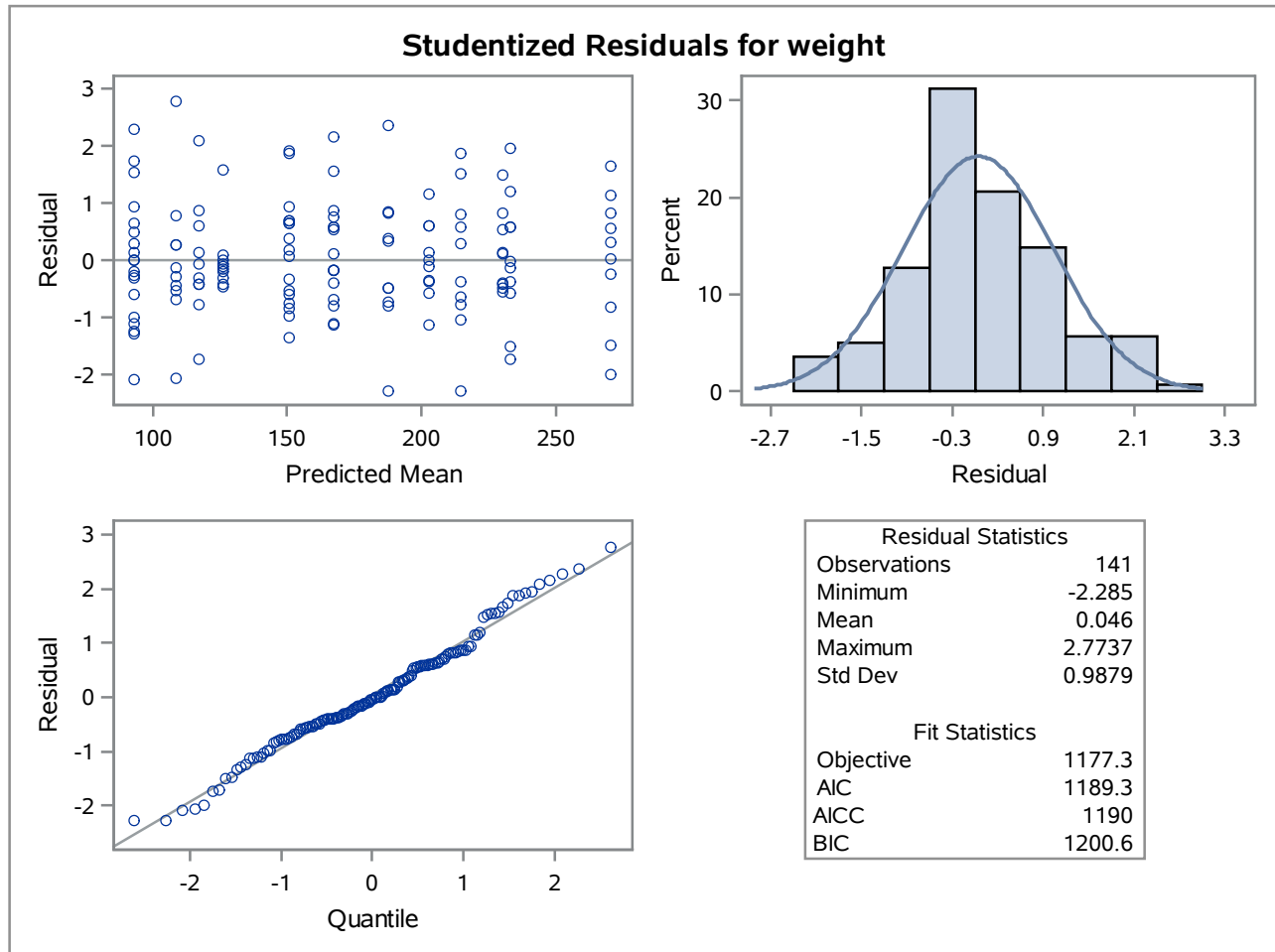
Null Model Likelihood Ratio Test		
DF	Chi-Square	Pr > ChiSq
5	218.81	<.0001

Type 3 Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
Diet	3	45	6.03	0.0015
Time	2	45	100.88	<.0001
Diet*Time	6	45	2.47	0.0375

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