

Model Information	
Data Set	WORK.BASHOR
Dependent Variable	logy
Covariance Structure	Variance Components
Estimation Method	Type 3
Residual Variance Method	Factor
Fixed Effects SE Method	Model-Based
Degrees of Freedom Method	Containment

Class Level Information		
Class	Levels	Values
day	3	1 2 3
location	4	1 2 3 4

Dimensions	
Covariance Parameters	3
Columns in X	5
Columns in Z	15

Dimensions	
Subjects	1
Max Obs per Subject	120

Number of Observations	
Number of Observations Read	120
Number of Observations Used	120
Number of Observations Not Used	0

Type 3 Analysis of Variance								
Source	DF	Sum of Squares	Mean Square	Expected Mean Square	Error Term	Error DF	F Value	Pr > F
location	3	97.865388	32.621796	Var(Residual) + 10 Var(day*location) + Q(location)	MS(day*location)	6	43.17	0.0002
day	2	2.787355	1.393677	Var(Residual) + 10 Var(day*location) + 40 Var(day)	MS(day*location)	6	1.84	0.2375
day*location	6	4.533565	0.755594	Var(Residual) + 10 Var(day*location)	MS(Residual)	108	1.38	0.2303
Residual	108	59.254946	0.548657	Var(Residual)

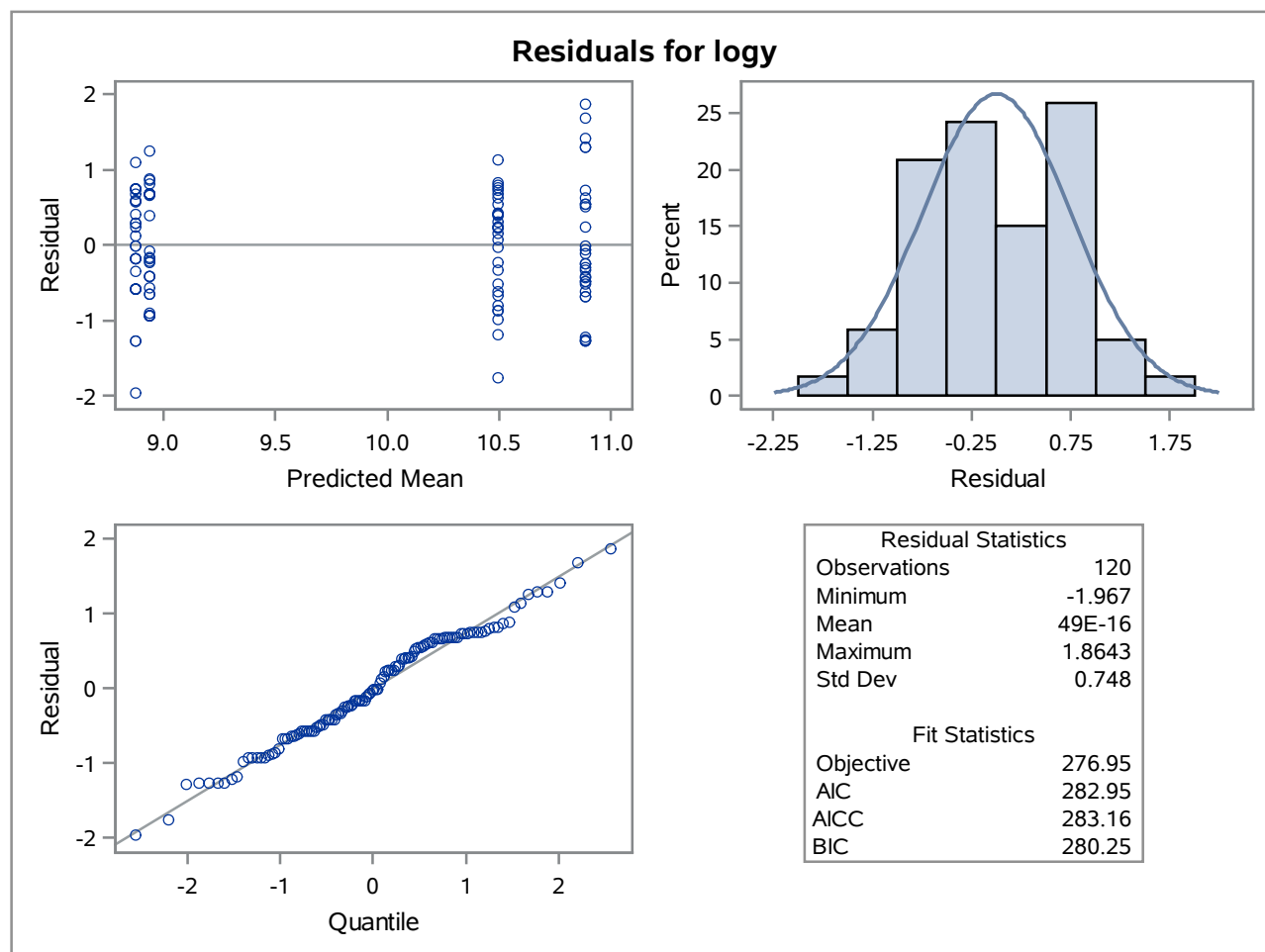
Covariance Parameter Estimates	
Cov Parm	Estimate
day	0.01595
day*location	0.02069
Residual	0.5487

Fit Statistics	
-2 Res Log Likelihood	277.0
AIC (Smaller is Better)	283.0
AICC (Smaller is Better)	283.2
BIC (Smaller is Better)	280.2

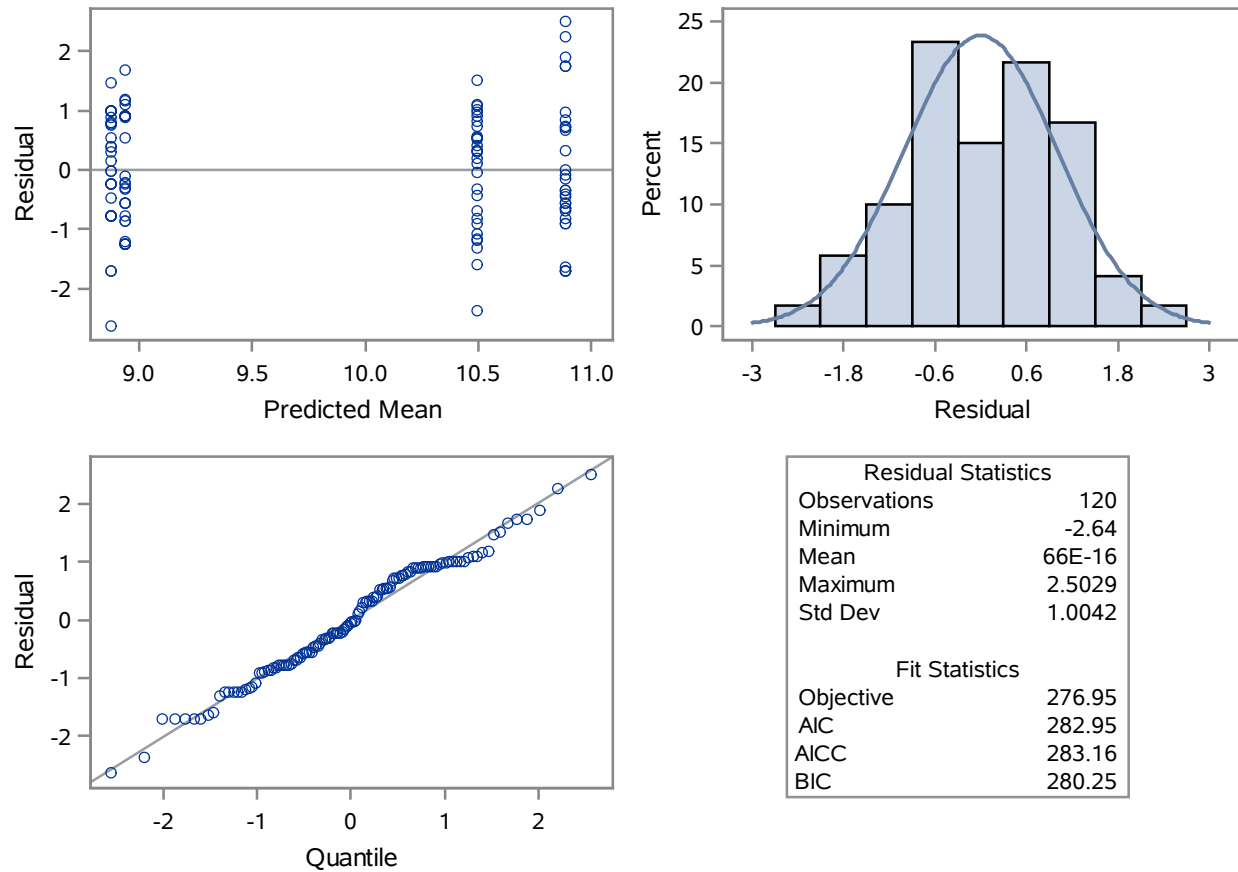
Type 3 Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
location	3	6	43.17	0.0002

Least Squares Means									
Effect	location	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
location	1	10.8870	0.1747	6	62.33	<.0001	0.05	10.4596	11.3144
location	2	10.4953	0.1747	6	60.09	<.0001	0.05	10.0680	10.9227
location	3	8.8745	0.1747	6	50.81	<.0001	0.05	8.4472	9.3019
location	4	8.9394	0.1747	6	51.18	<.0001	0.05	8.5120	9.3668

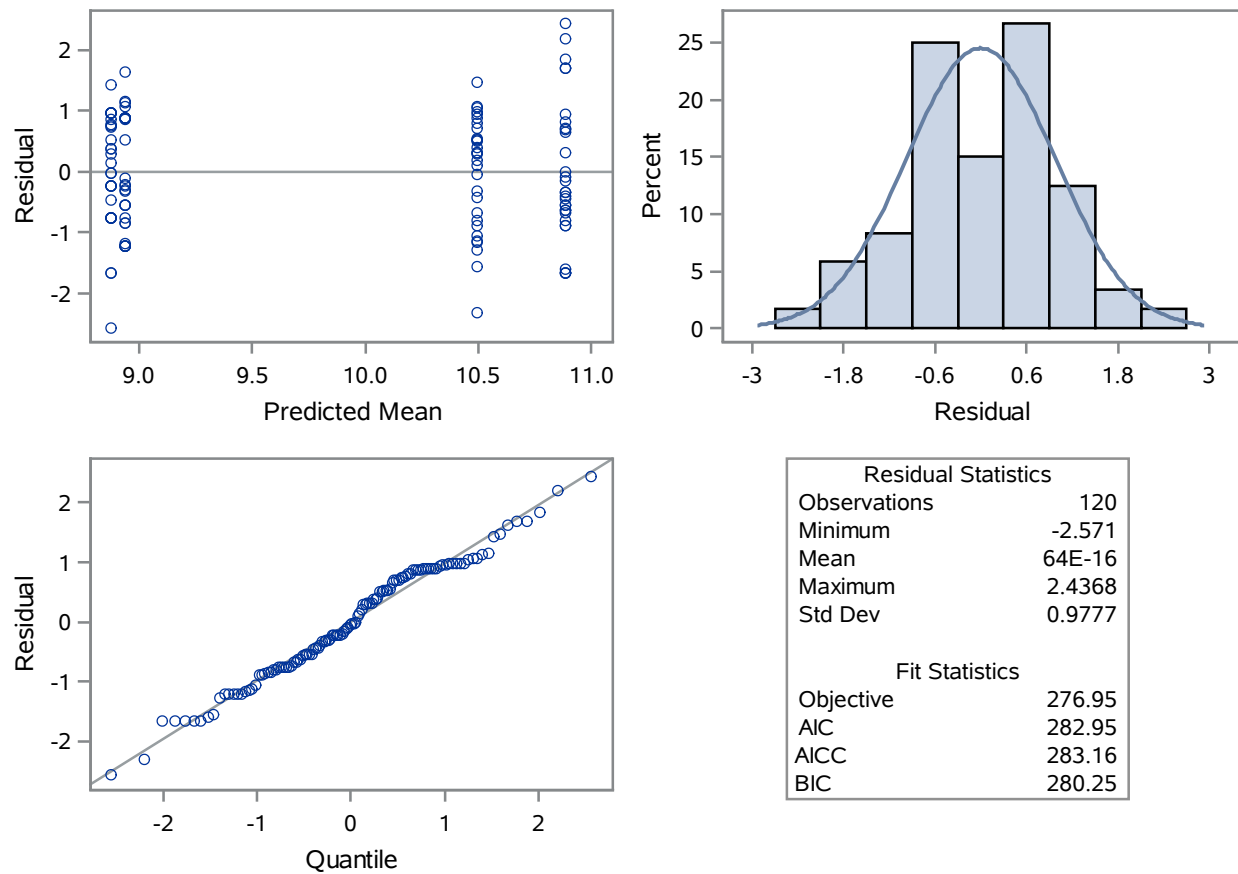
Differences of Least Squares Means														
Effect	location	_location	Estimate	Standard Error	DF	t Value	Pr > t	Adjustment	Adj P	Alpha	Lower	Upper	Adj Lower	Adj Upper
location	1	2	0.3917	0.2244	6	1.75	0.1316	Tukey-Kramer	0.3801	0.05	-0.1575	0.9409	-0.3853	1.1686
location	1	3	2.0125	0.2244	6	8.97	0.0001	Tukey-Kramer	0.0004	0.05	1.4633	2.5617	1.2355	2.7894
location	1	4	1.9476	0.2244	6	8.68	0.0001	Tukey-Kramer	0.0005	0.05	1.3984	2.4968	1.1707	2.7245
location	2	3	1.6208	0.2244	6	7.22	0.0004	Tukey-Kramer	0.0015	0.05	1.0716	2.1700	0.8439	2.3977
location	2	4	1.5559	0.2244	6	6.93	0.0004	Tukey-Kramer	0.0018	0.05	1.0067	2.1051	0.7790	2.3329
location	3	4	-0.06488	0.2244	6	-0.29	0.7823	Tukey-Kramer	0.9907	0.05	-0.6141	0.4843	-0.8418	0.7121



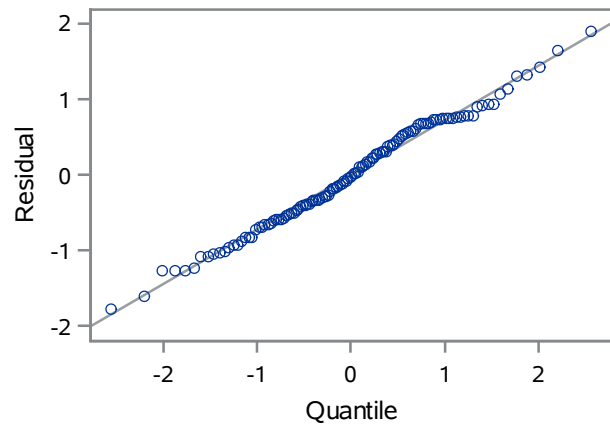
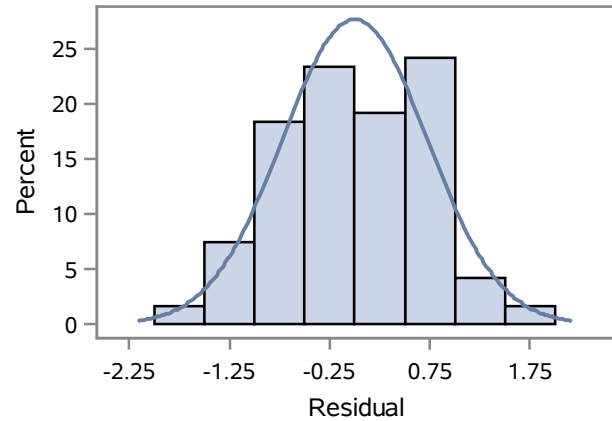
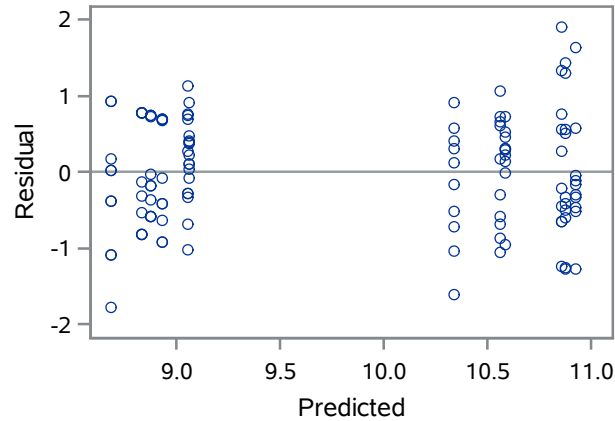
Studentized Residuals for logy



Pearson Residuals for logy

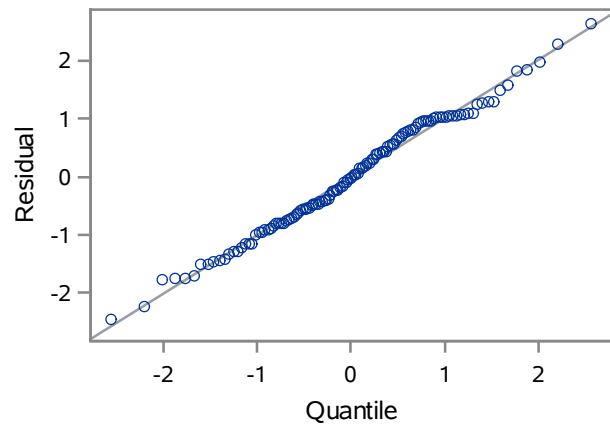
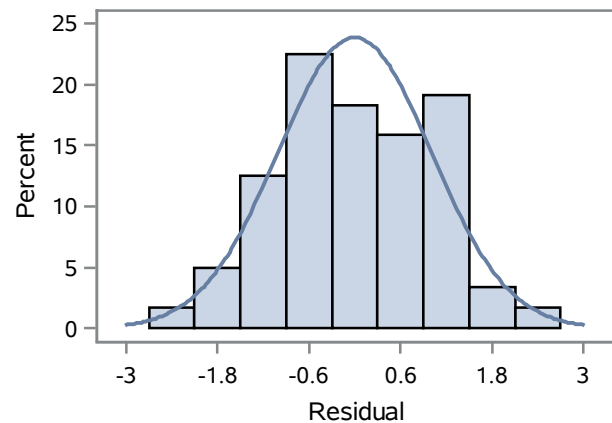
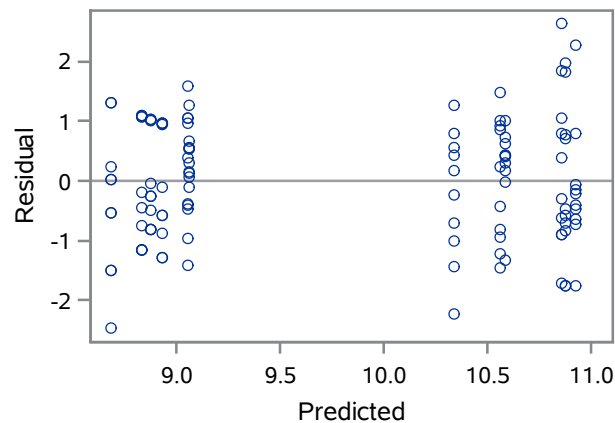


Conditional Residuals for logy



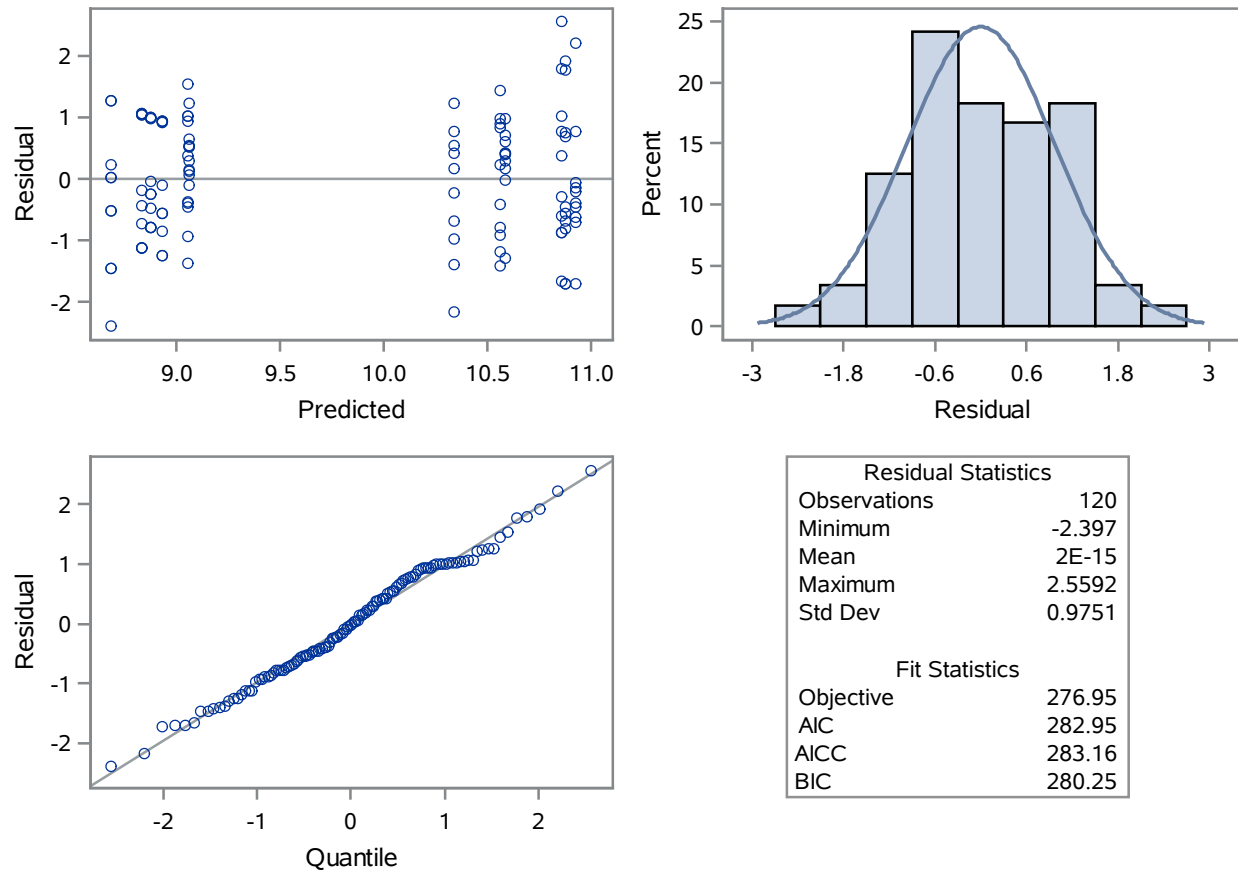
Residual Statistics	
Observations	120
Minimum	-1.775
Mean	15E-16
Maximum	1.8956
Std Dev	0.7223
Fit Statistics	
Objective	276.95
AIC	282.95
AICC	283.16
BIC	280.25

Conditional Studentized Residuals for logy



Residual Statistics	
Observations	120
Minimum	-2.468
Mean	21E-16
Maximum	2.6356
Std Dev	1.0042
Fit Statistics	
Objective	276.95
AIC	282.95
AICC	283.16
BIC	280.25

Conditional Pearson Residuals for logy



Distribution of Conditional Residuals for logy

