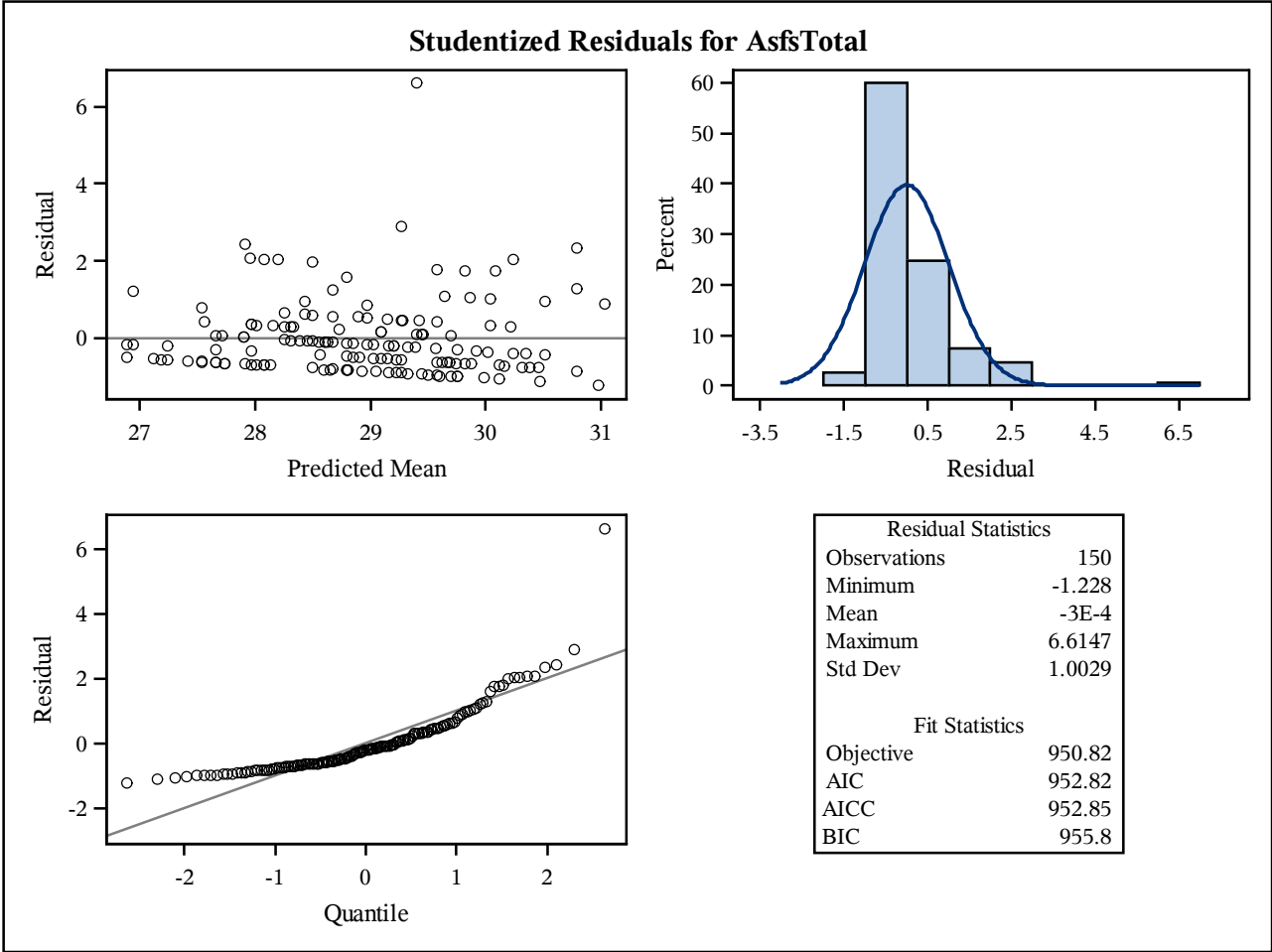


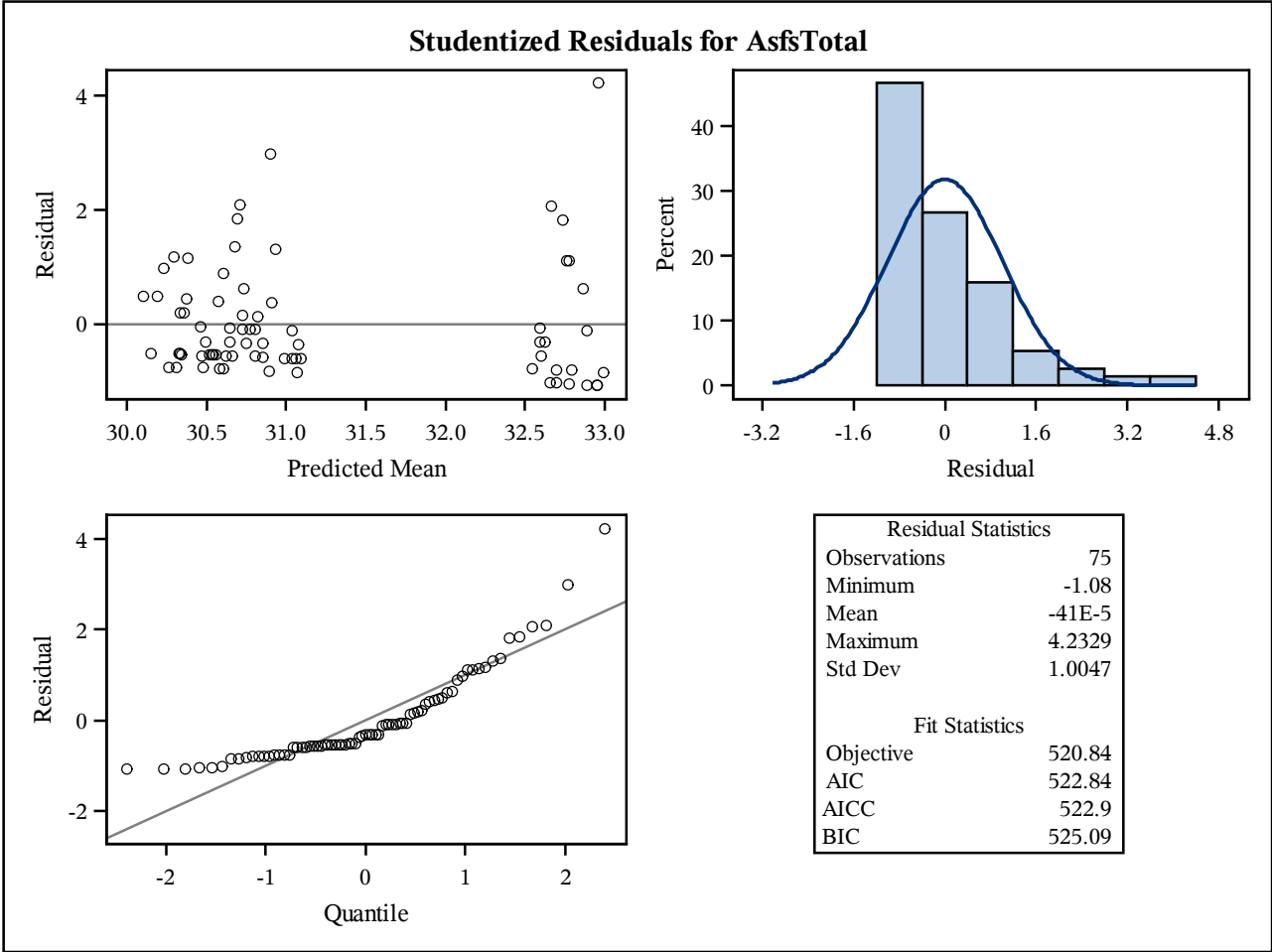
The Mixed Procedure

StudyDay=1 StudySite=Bower Gender=F



The Mixed Procedure

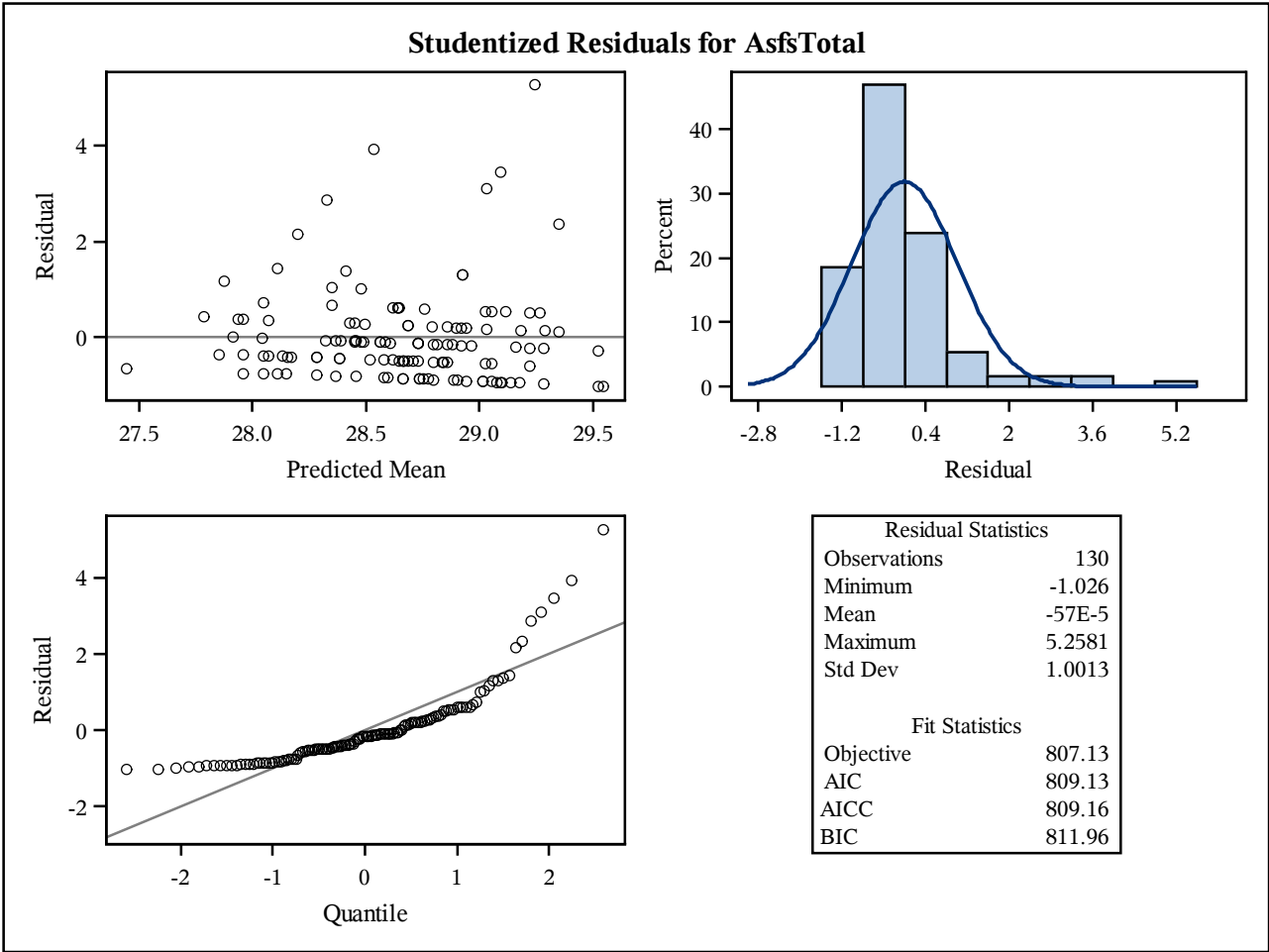
StudyDay=1 StudySite=Bower Gender=M



Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

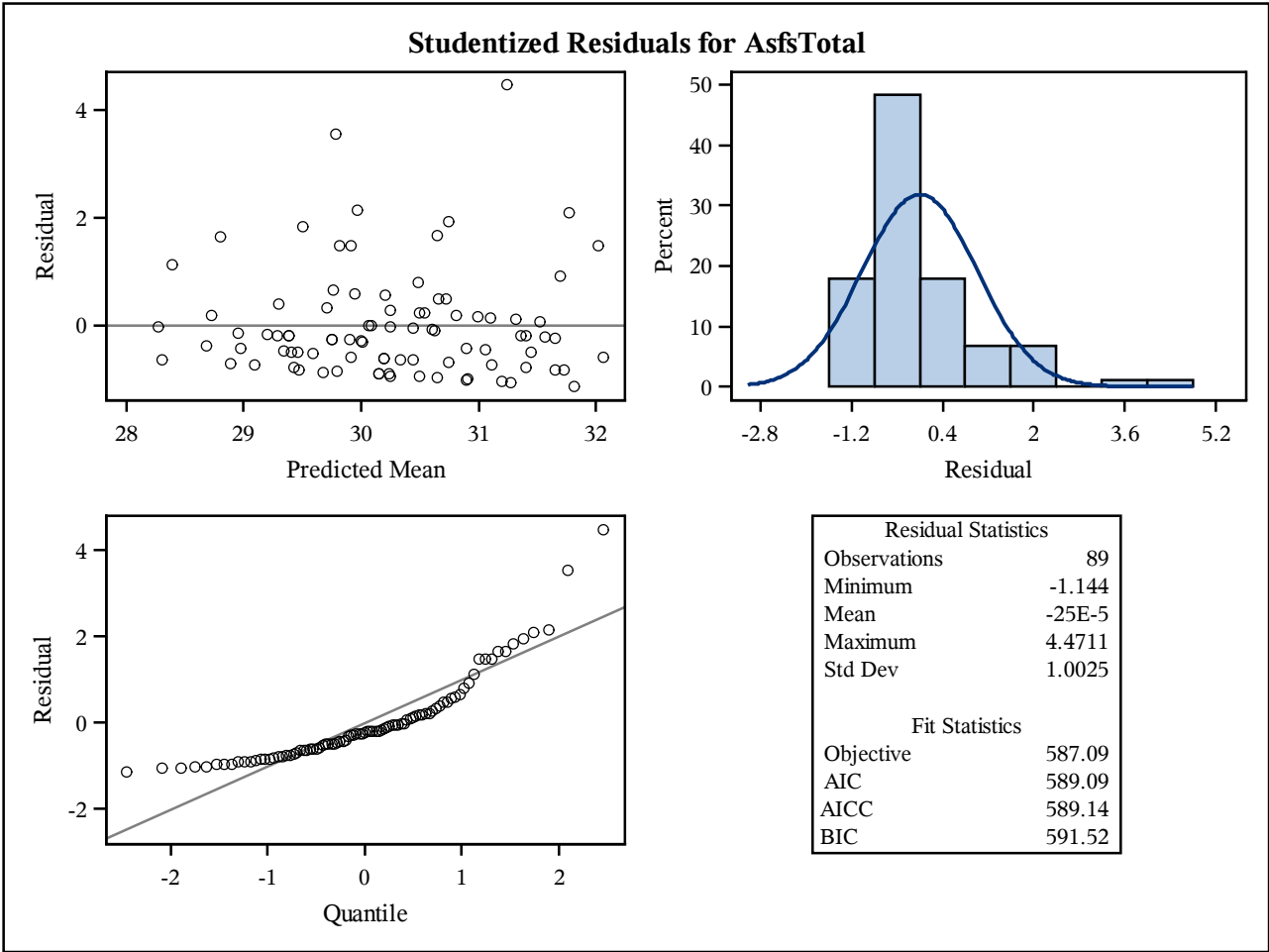
The Mixed Procedure

StudyDay=1 StudySite=CRG Gender=F



The Mixed Procedure

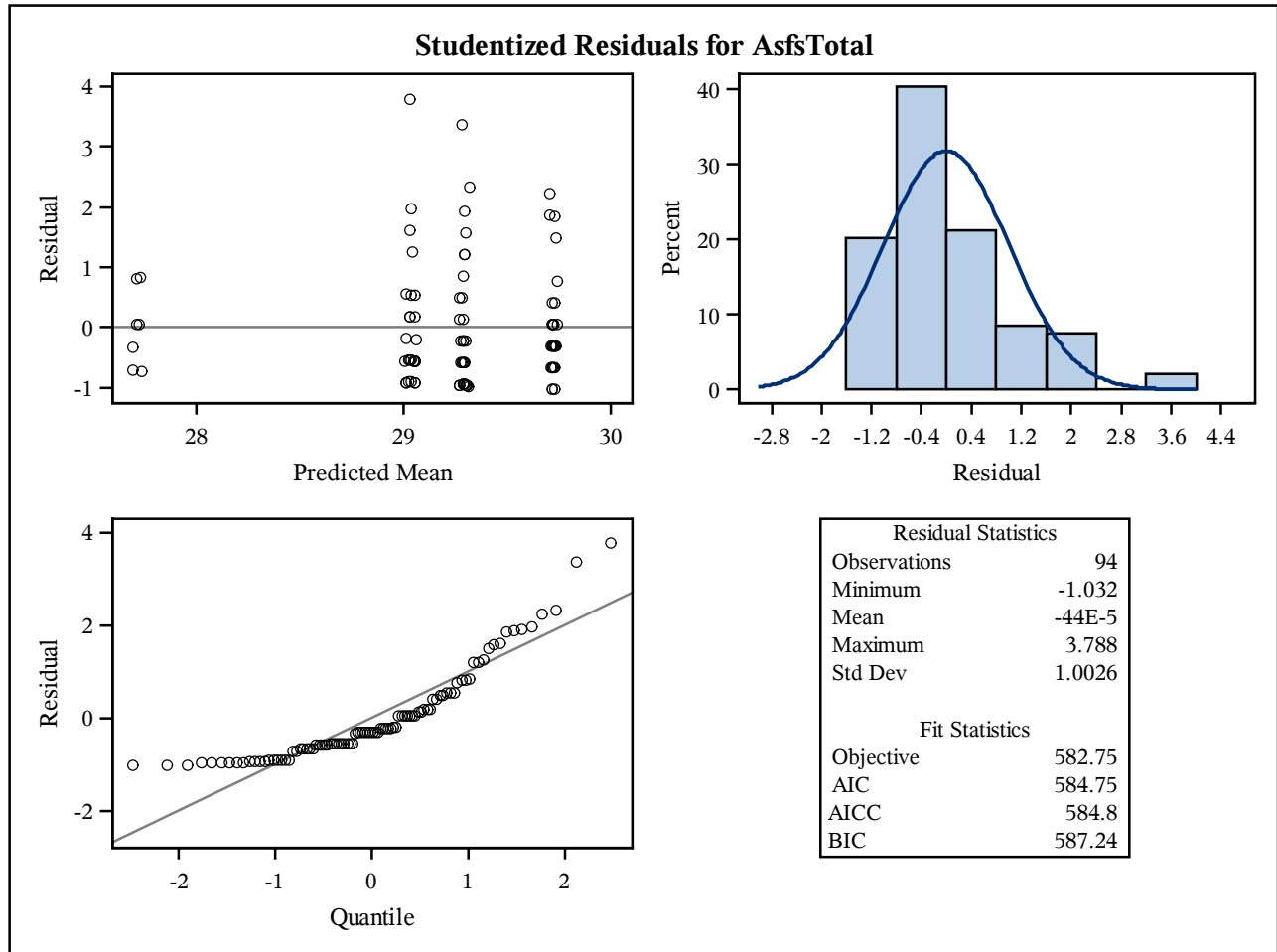
StudyDay=1 StudySite=CRG Gender=M



Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

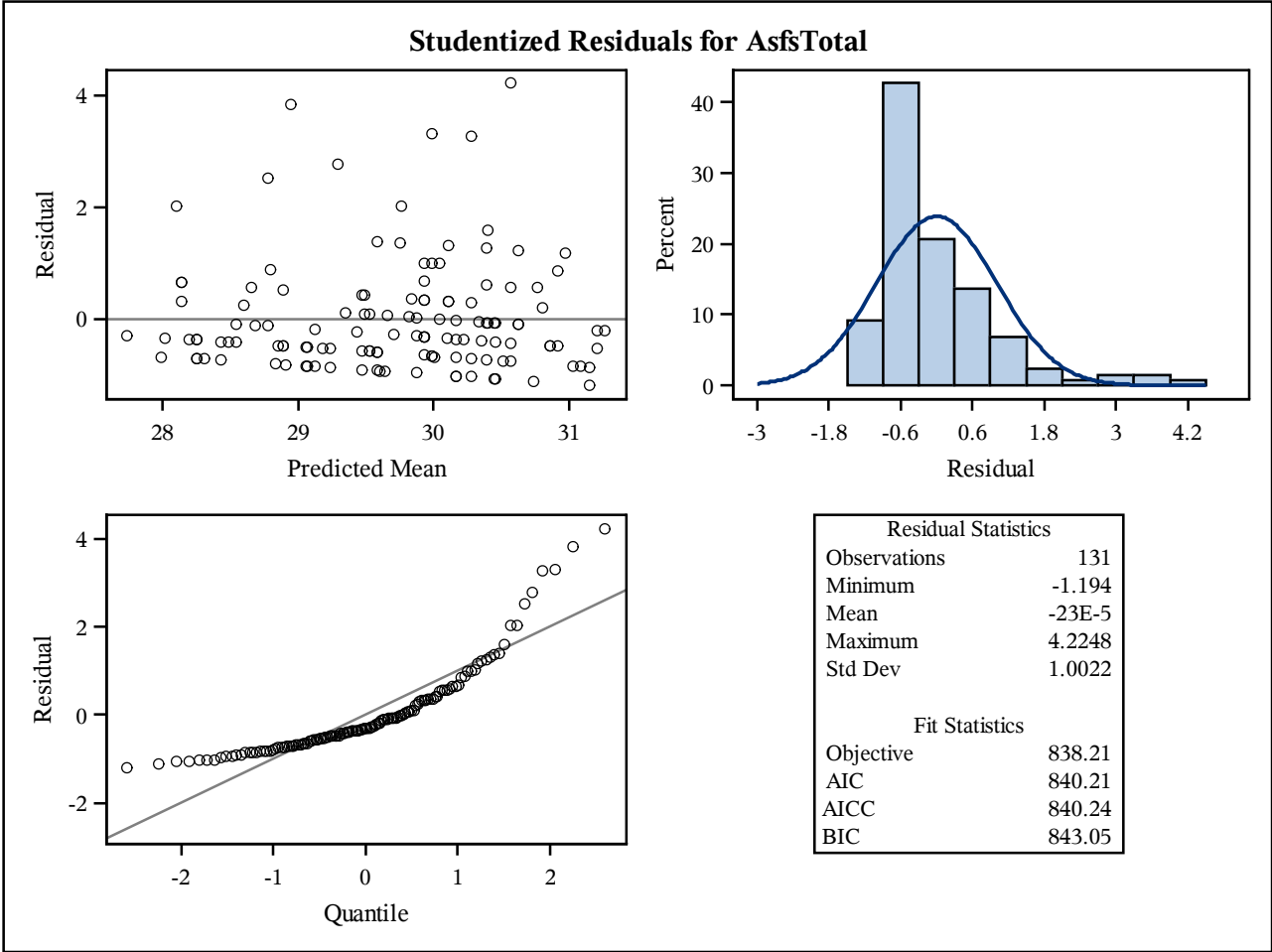
The Mixed Procedure

StudyDay=1 StudySite=Hilltop-Winn Gender=F



The Mixed Procedure

StudyDay=1 StudySite=Hilltop-Winn Gender=M



Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

The Mixed Procedure

StudyDay=21 StudySite=Bower Gender=F

Covariance Parameter Estimates	
Cov Parm	Estimate
Residual	49.8854

Fit Statistics	
-2 Res Log Likelihood	991.0
AIC (smaller is better)	993.0
AICC (smaller is better)	993.0
BIC (smaller is better)	996.0

Type 3 Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
Trt	3	142	7.44	0.0001
Age	1	142	1.30	0.2563
BaseAsfsTotal	1	142	58.12	<.0001

Least Squares Means									
Effect	Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	A	17.9921	1.0652	142	16.89	<.0001	0.05	15.8864	20.0977
Trt	B	22.4253	1.0803	142	20.76	<.0001	0.05	20.2897	24.5609
Trt	C	21.8898	1.0425	142	21.00	<.0001	0.05	19.8289	23.9507
Trt	D	14.0755	1.8264	142	7.71	<.0001	0.05	10.4650	17.6859

Differences of Least Squares Means										
Effect	Trt	_Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	A	B	-4.4332	1.5187	142	-2.92	0.0041	0.05	-7.4353	-1.4311
Trt	A	C	-3.8977	1.4899	142	-2.62	0.0099	0.05	-6.8430	-0.9524
Trt	A	D	3.9166	2.1134	142	1.85	0.0659	0.05	-0.2613	8.0944
Trt	B	C	0.5355	1.5032	142	0.36	0.7222	0.05	-2.4361	3.5072

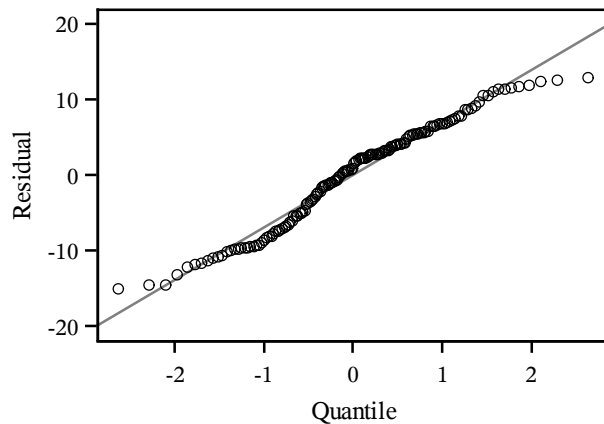
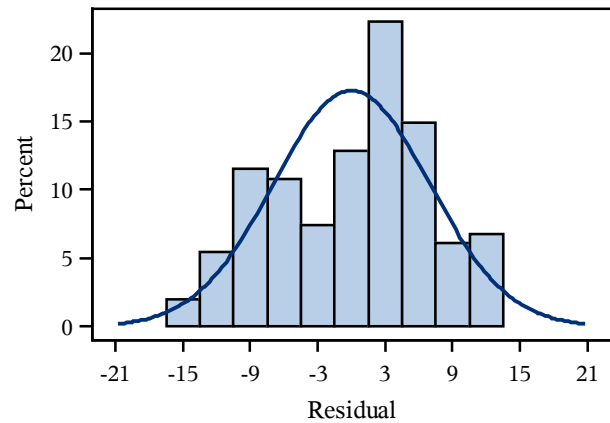
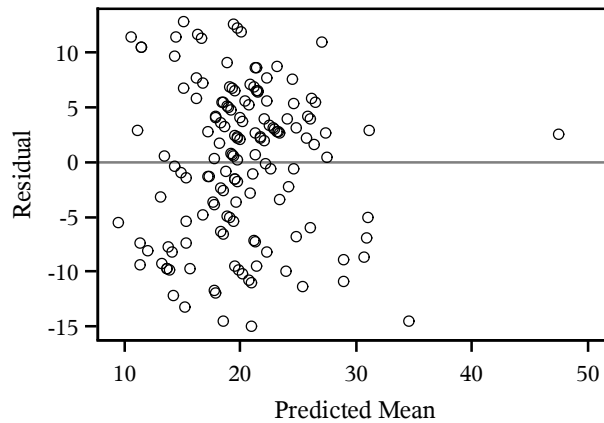
Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

The Mixed Procedure

StudyDay=21 StudySite=Bower Gender=F

Differences of Least Squares Means										
Effect	Trt	_Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	B	D	8.3498	2.1239	142	3.93	0.0001	0.05	4.1513	12.5484
Trt	C	D	7.8143	2.1036	142	3.71	0.0003	0.05	3.6558	11.9728

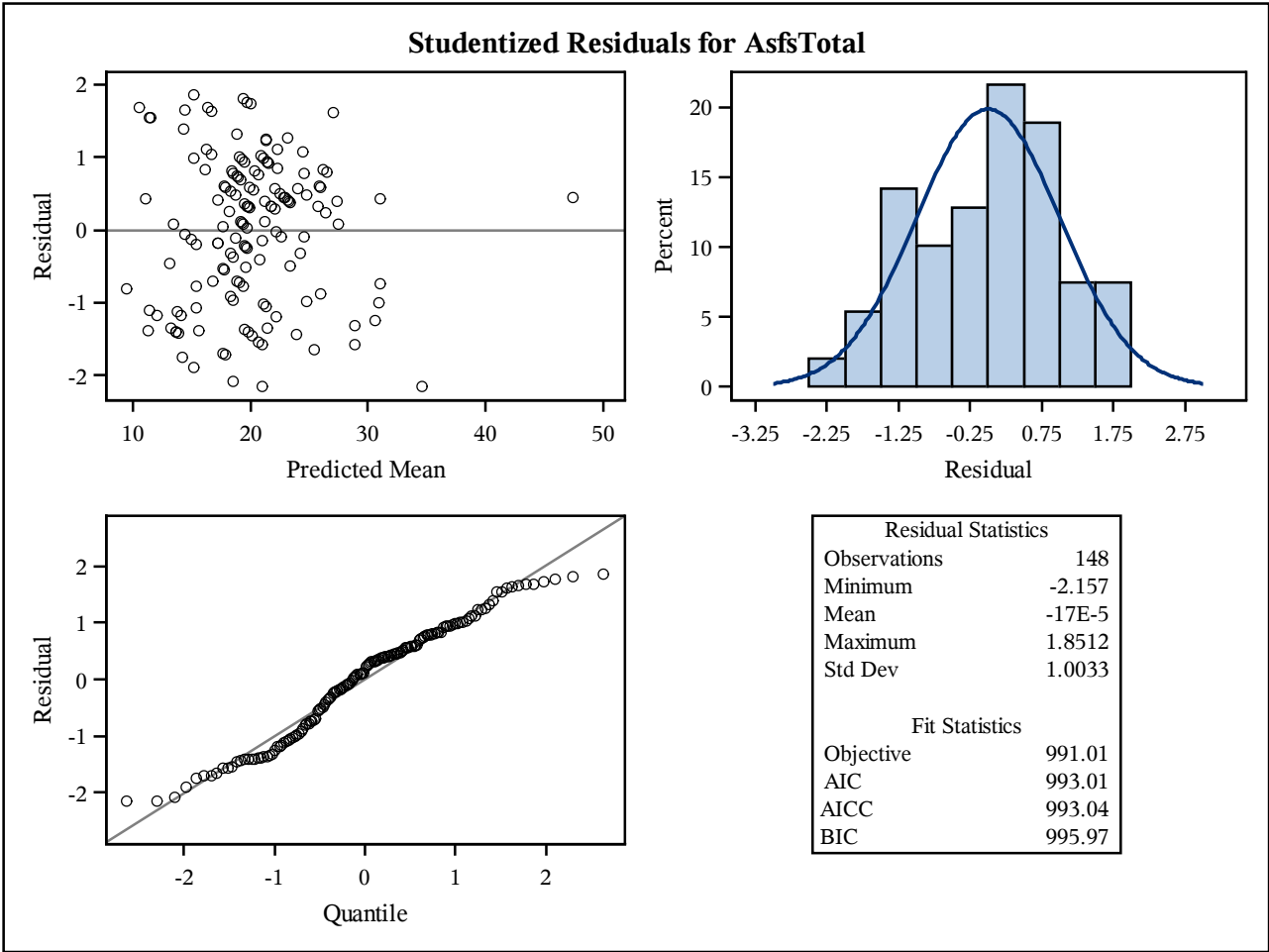
Residuals for AsfsTotal



Residual Statistics	
Observations	148
Minimum	-14.98
Mean	29E-17
Maximum	12.869
Std Dev	6.9418
Fit Statistics	
Objective	991.01
AIC	993.01
AICC	993.04
BIC	995.97

The Mixed Procedure

StudyDay=21 StudySite=Bower Gender=F

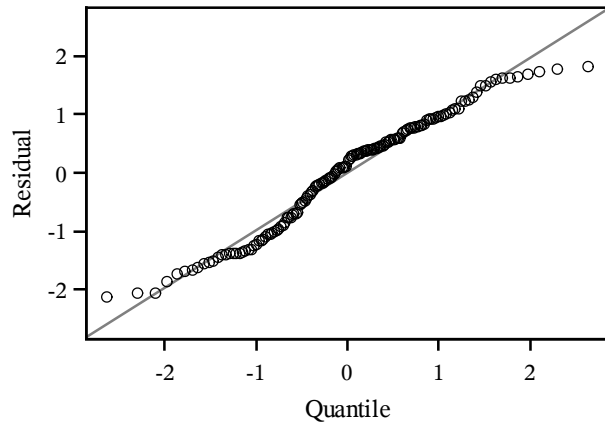
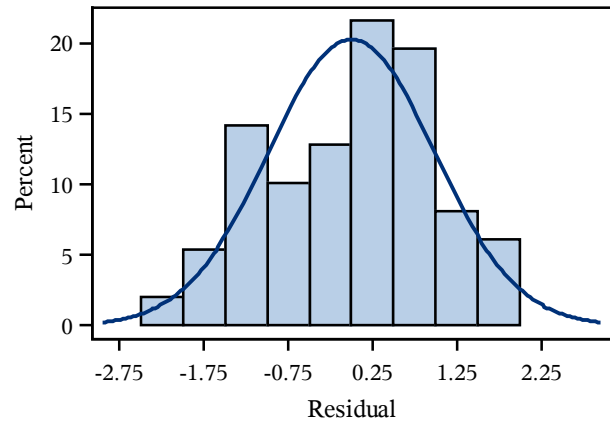
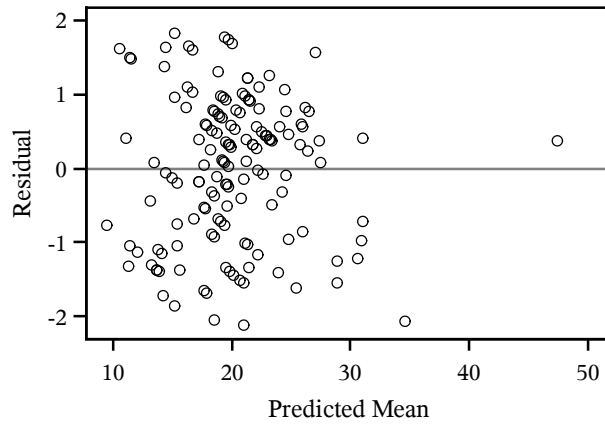


Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

The Mixed Procedure

StudyDay=21 StudySite=Bower Gender=F

Pearson Residuals for AsfsTotal



Residual Statistics	
Observations	148
Minimum	-2.121
Mean	78E-18
Maximum	1.8221
Std Dev	0.9828
Fit Statistics	
Objective	991.01
AIC	993.01
AICC	993.04
BIC	995.97

Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

The Mixed Procedure

StudyDay=21 StudySite=Bower Gender=M

Covariance Parameter Estimates	
Cov Parm	Estimate
Residual	52.3721

Fit Statistics	
-2 Res Log Likelihood	491.5
AIC (smaller is better)	493.5
AICC (smaller is better)	493.5
BIC (smaller is better)	495.7

Type 3 Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
Trt	3	68	2.94	0.0391
Age	1	68	1.06	0.3079
BaseAsfsTotal	1	68	18.49	<.0001

Least Squares Means									
Effect	Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	A	20.4311	1.4895	68	13.72	<.0001	0.05	17.4589	23.4033
Trt	B	16.9652	1.5863	68	10.69	<.0001	0.05	13.7997	20.1307
Trt	C	16.7505	1.5363	68	10.90	<.0001	0.05	13.6848	19.8162
Trt	D	25.3536	2.9838	68	8.50	<.0001	0.05	19.3996	31.3076

Differences of Least Squares Means										
Effect	Trt	_Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	A	B	3.4660	2.1817	68	1.59	0.1168	0.05	-0.8876	7.8195
Trt	A	C	3.6806	2.1615	68	1.70	0.0932	0.05	-0.6327	7.9939
Trt	A	D	-4.9225	3.3118	68	-1.49	0.1418	0.05	-11.5311	1.6861
Trt	B	C	0.2146	2.2105	68	0.10	0.9229	0.05	-4.1964	4.6257

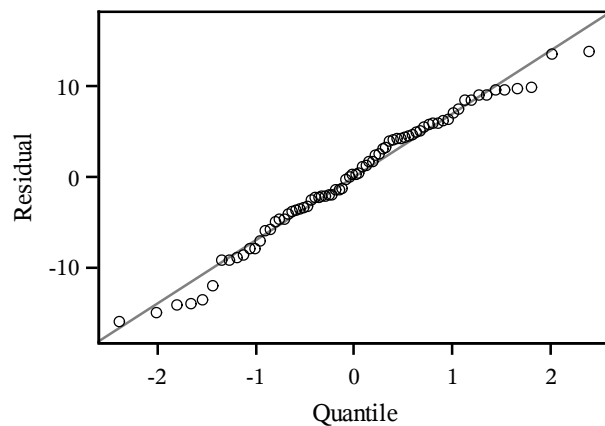
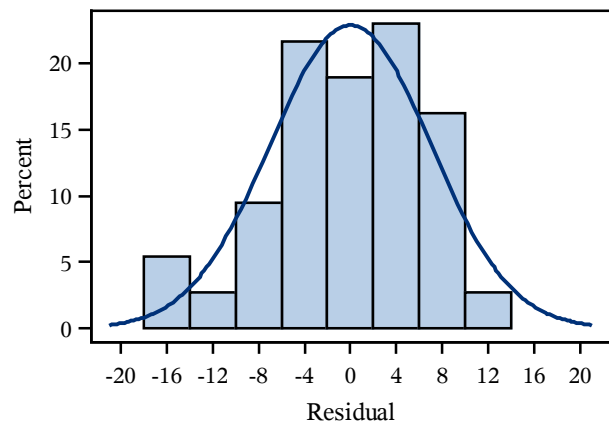
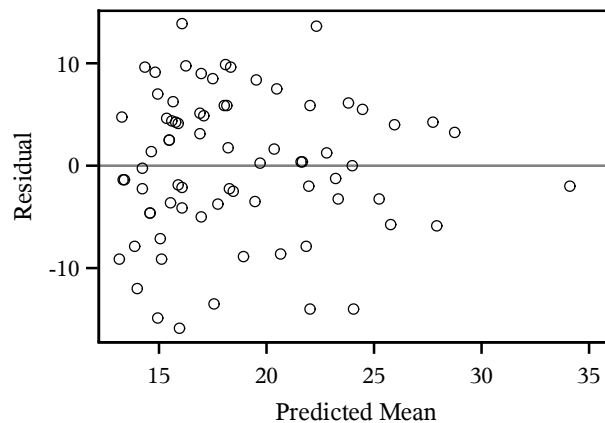
Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

The Mixed Procedure

StudyDay=21 StudySite=Bower Gender=M

Differences of Least Squares Means										
Effect	Trt	_Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	B	D	-8.3885	3.3825	68	-2.48	0.0156	0.05	-15.1381	-1.6388
Trt	C	D	-8.6031	3.3903	68	-2.54	0.0135	0.05	-15.3683	-1.8378

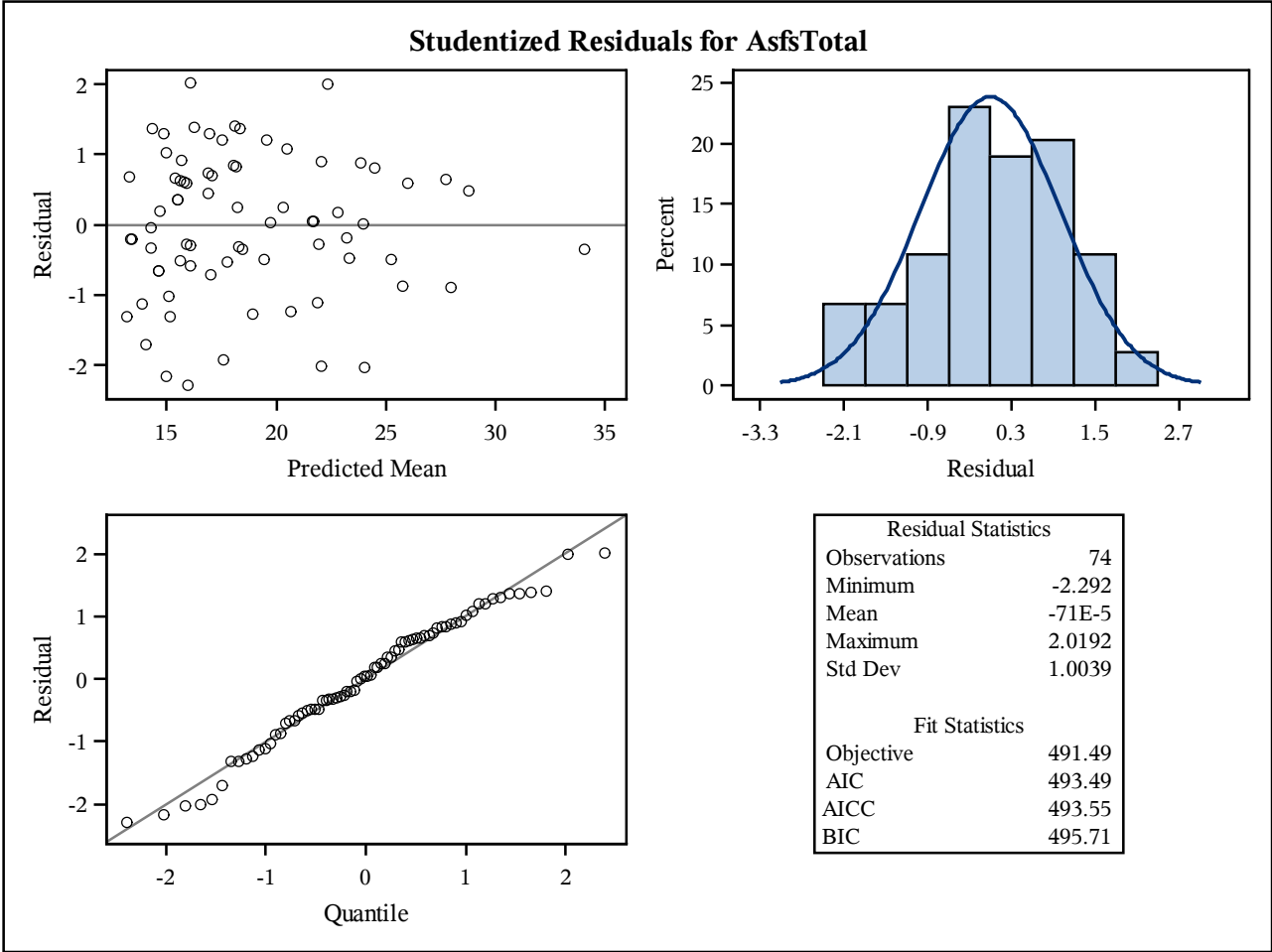
Residuals for AsfsTotal



Residual Statistics	
Observations	74
Minimum	-15.98
Mean	11E-16
Maximum	13.925
Std Dev	6.9846
Fit Statistics	
Objective	491.49
AIC	493.49
AICC	493.55
BIC	495.71

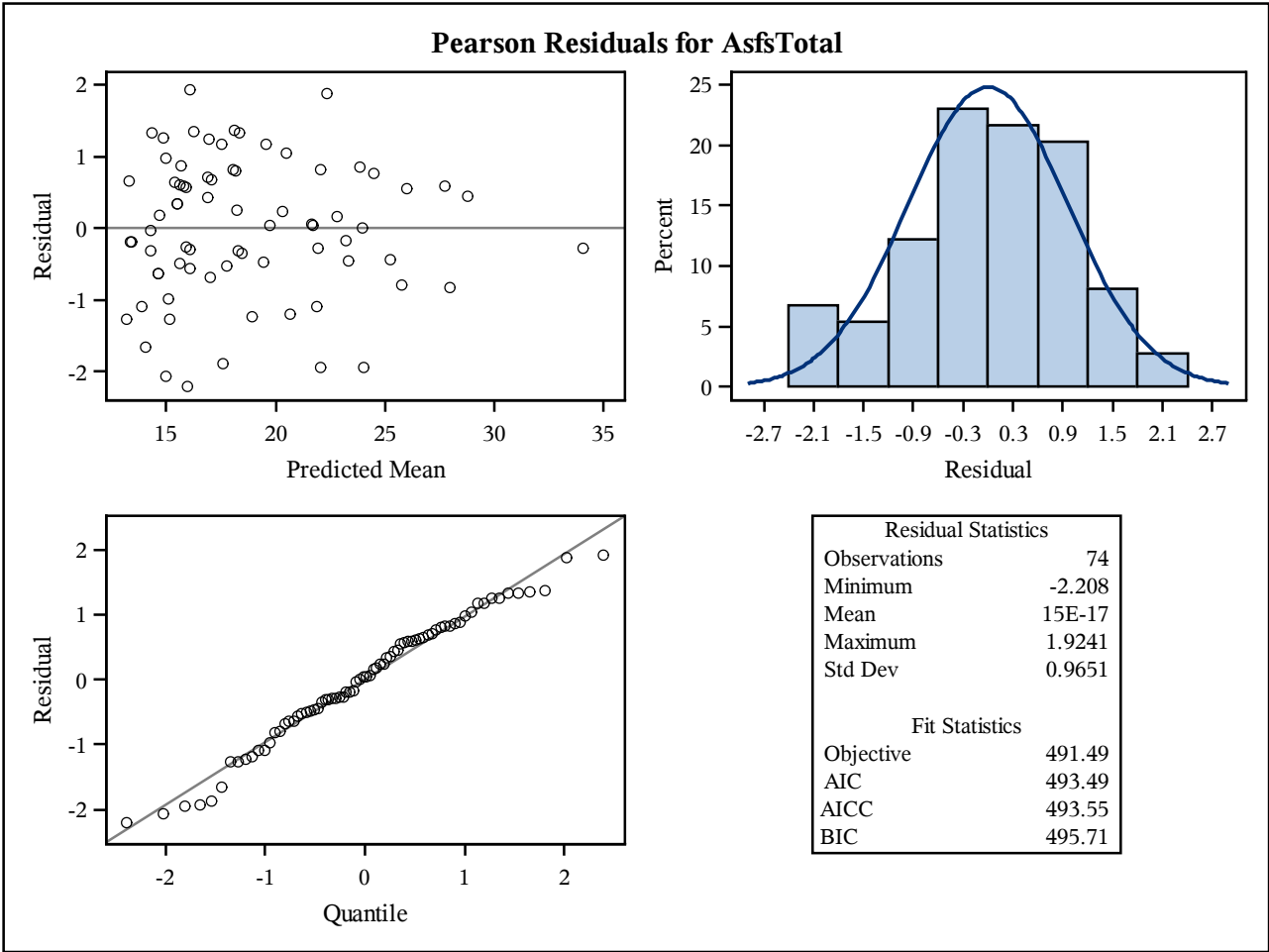
The Mixed Procedure

StudyDay=21 StudySite=Bower Gender=M



The Mixed Procedure

StudyDay=21 StudySite=Bower Gender=M



Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

The Mixed Procedure

StudyDay=21 StudySite=CRG Gender=F

Covariance Parameter Estimates	
Cov Parm	Estimate
Residual	60.4318

Fit Statistics	
-2 Res Log Likelihood	843.4
AIC (smaller is better)	845.4
AICC (smaller is better)	845.4
BIC (smaller is better)	848.2

Type 3 Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
Trt	3	117	8.02	<.0001
Age	1	117	0.03	0.8688
BaseAsfsTotal	1	117	17.34	<.0001

Least Squares Means									
Effect	Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	A	18.3844	1.2648	117	14.54	<.0001	0.05	15.8795	20.8892
Trt	B	21.5569	1.2961	117	16.63	<.0001	0.05	18.9900	24.1237
Trt	C	18.6701	1.2469	117	14.97	<.0001	0.05	16.2008	21.1394
Trt	D	7.9213	2.4605	117	3.22	0.0017	0.05	3.0485	12.7942

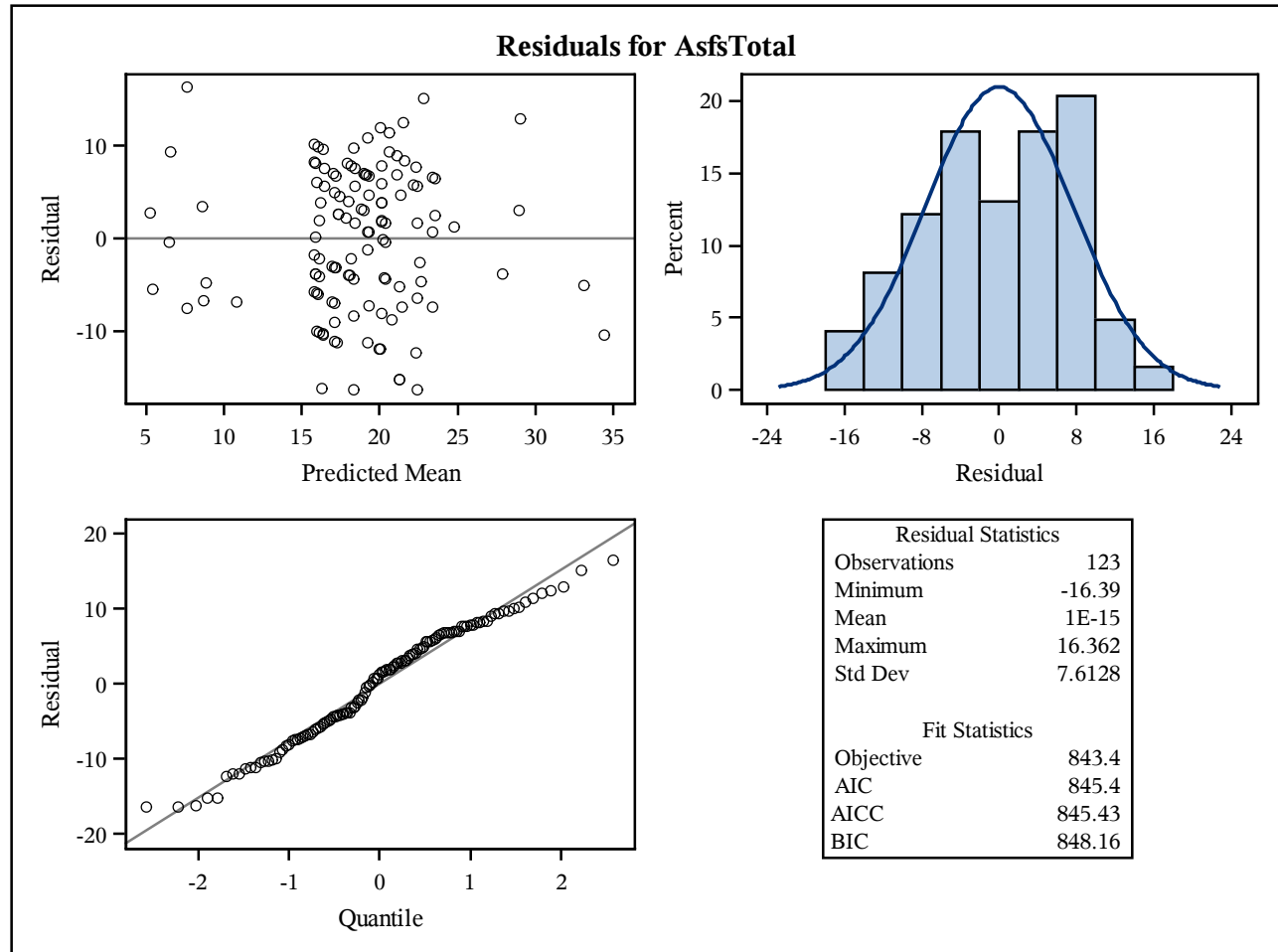
Differences of Least Squares Means										
Effect	Trt	_Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	A	B	-3.1725	1.8111	117	-1.75	0.0824	0.05	-6.7592	0.4142
Trt	A	C	-0.2857	1.7796	117	-0.16	0.8727	0.05	-3.8102	3.2388
Trt	A	D	10.4630	2.7701	117	3.78	0.0003	0.05	4.9770	15.9491
Trt	B	C	2.8868	1.7989	117	1.60	0.1113	0.05	-0.6759	6.4494

Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

The Mixed Procedure

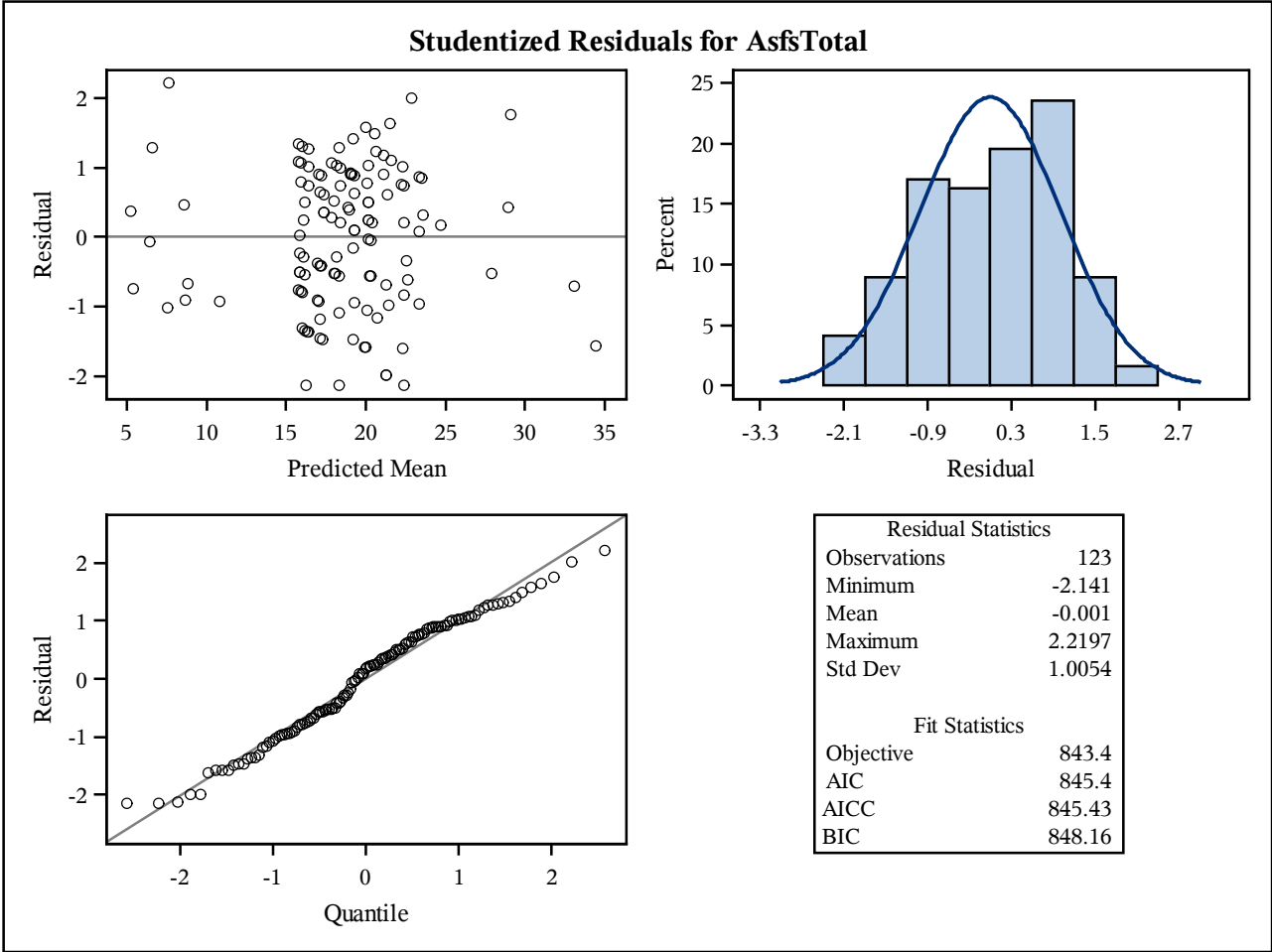
StudyDay=21 StudySite=CRG Gender=F

Differences of Least Squares Means										
Effect	Trt	_Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	B	D	13.6355	2.7811	117	4.90	<.0001	0.05	8.1276	19.1434
Trt	C	D	10.7488	2.7557	117	3.90	0.0002	0.05	5.2912	16.2064



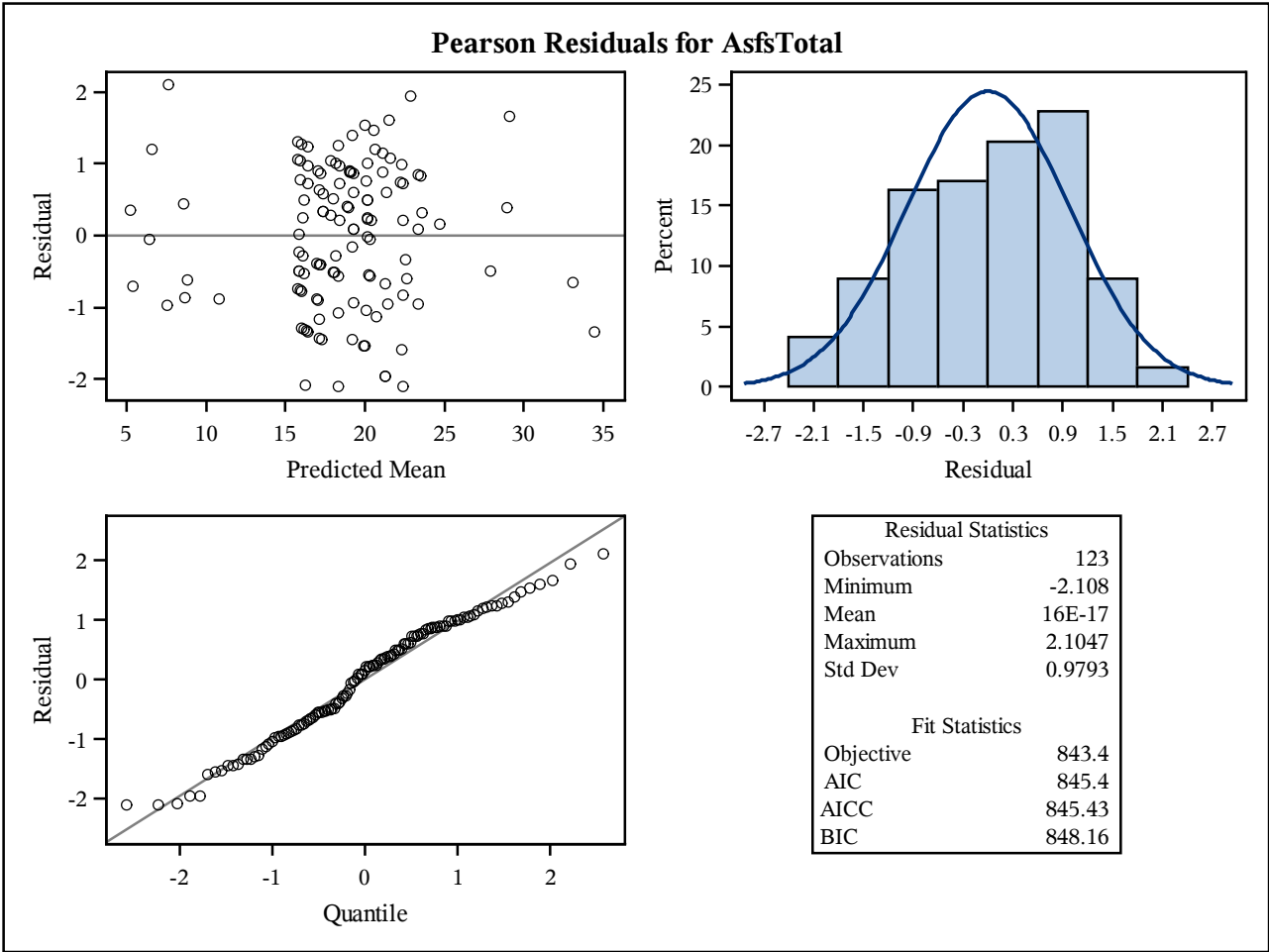
The Mixed Procedure

StudyDay=21 StudySite=CRG Gender=F



The Mixed Procedure

StudyDay=21 StudySite=CRG Gender=F



Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender**The Mixed Procedure**

StudyDay=21 StudySite=CRG Gender=M

Covariance Parameter Estimates	
Cov Parm	Estimate
Residual	89.0079

Fit Statistics	
-2 Res Log Likelihood	623.4
AIC (smaller is better)	625.4
AICC (smaller is better)	625.5
BIC (smaller is better)	627.8

Type 3 Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
Trt	3	81	0.07	0.9767
Age	1	81	0.01	0.9419
BaseAsfsTotal	1	81	10.99	0.0014

Least Squares Means									
Effect	Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	A	19.1853	1.8820	81	10.19	<.0001	0.05	15.4406	22.9299
Trt	B	19.6497	1.7668	81	11.12	<.0001	0.05	16.1343	23.1651
Trt	C	19.0713	1.9442	81	9.81	<.0001	0.05	15.2030	22.9396
Trt	D	17.9538	3.3703	81	5.33	<.0001	0.05	11.2480	24.6597

Differences of Least Squares Means										
Effect	Trt	_Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	A	B	-0.4644	2.6115	81	-0.18	0.8593	0.05	-5.6605	4.7316
Trt	A	C	0.1140	2.7378	81	0.04	0.9669	0.05	-5.3333	5.5613
Trt	A	D	1.2314	3.8190	81	0.32	0.7479	0.05	-6.3673	8.8301
Trt	B	C	0.5784	2.6063	81	0.22	0.8249	0.05	-4.6073	5.7641

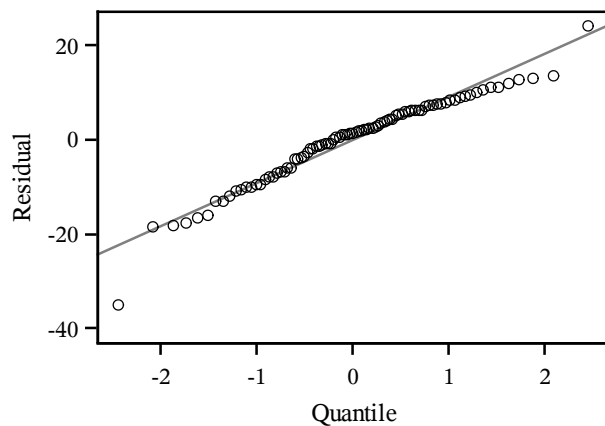
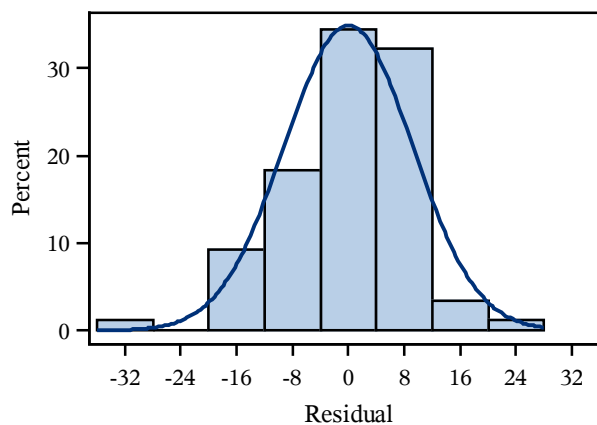
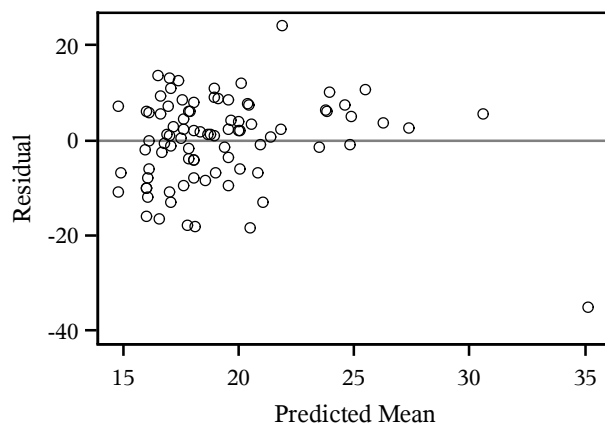
Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

The Mixed Procedure

StudyDay=21 StudySite=CRG Gender=M

Differences of Least Squares Means										
Effect	Trt	_Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	B	D	1.6959	3.8314	81	0.44	0.6592	0.05	-5.9273	9.3190
Trt	C	D	1.1174	3.9238	81	0.28	0.7765	0.05	-6.6897	8.9246

Residuals for AsfsTotal

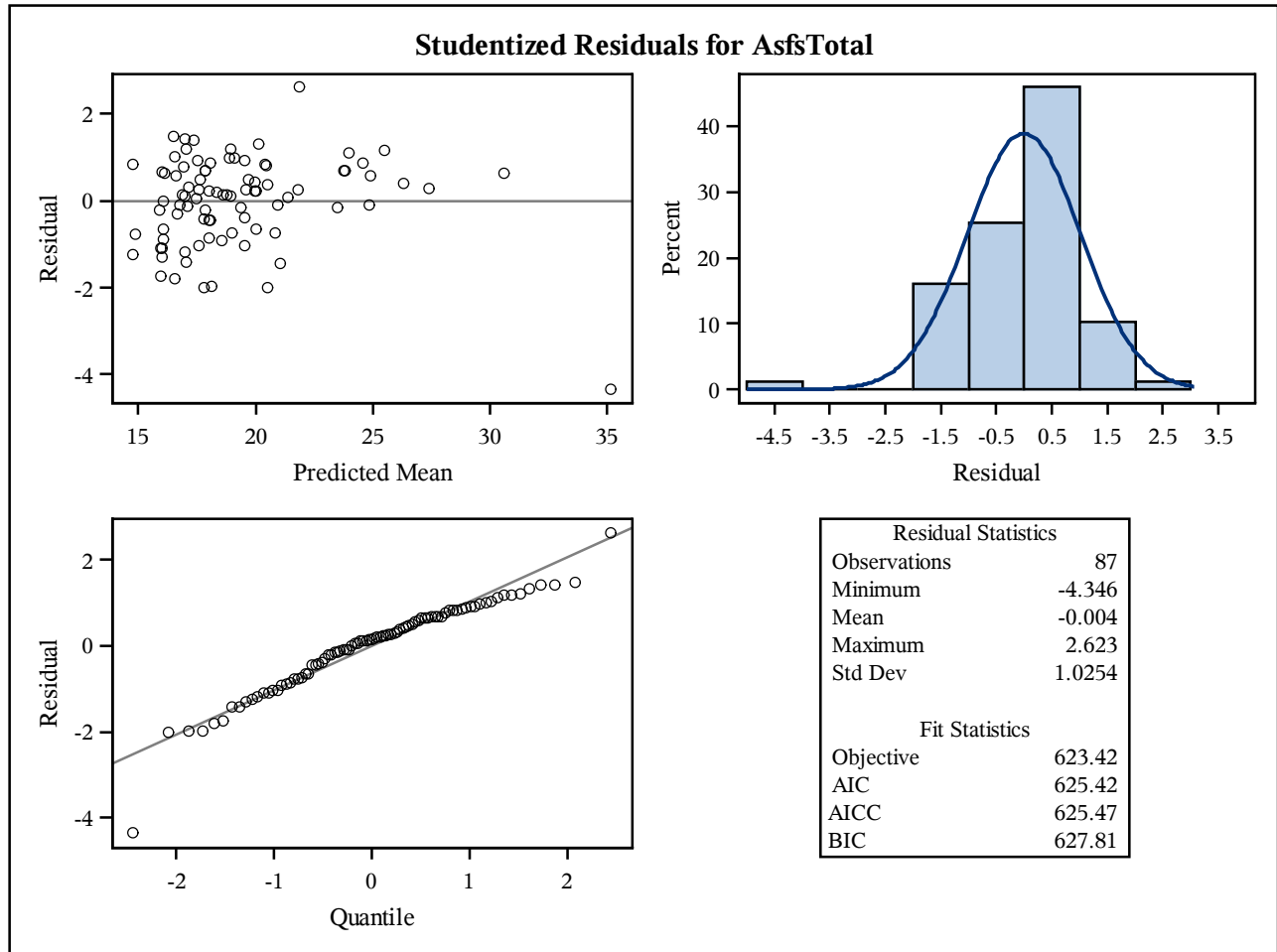


Residual Statistics	
Observations	87
Minimum	-35.14
Mean	-3E-15
Maximum	24.116
Std Dev	9.156
Fit Statistics	
Objective	623.42
AIC	625.42
AICC	625.47
BIC	627.81

Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

The Mixed Procedure

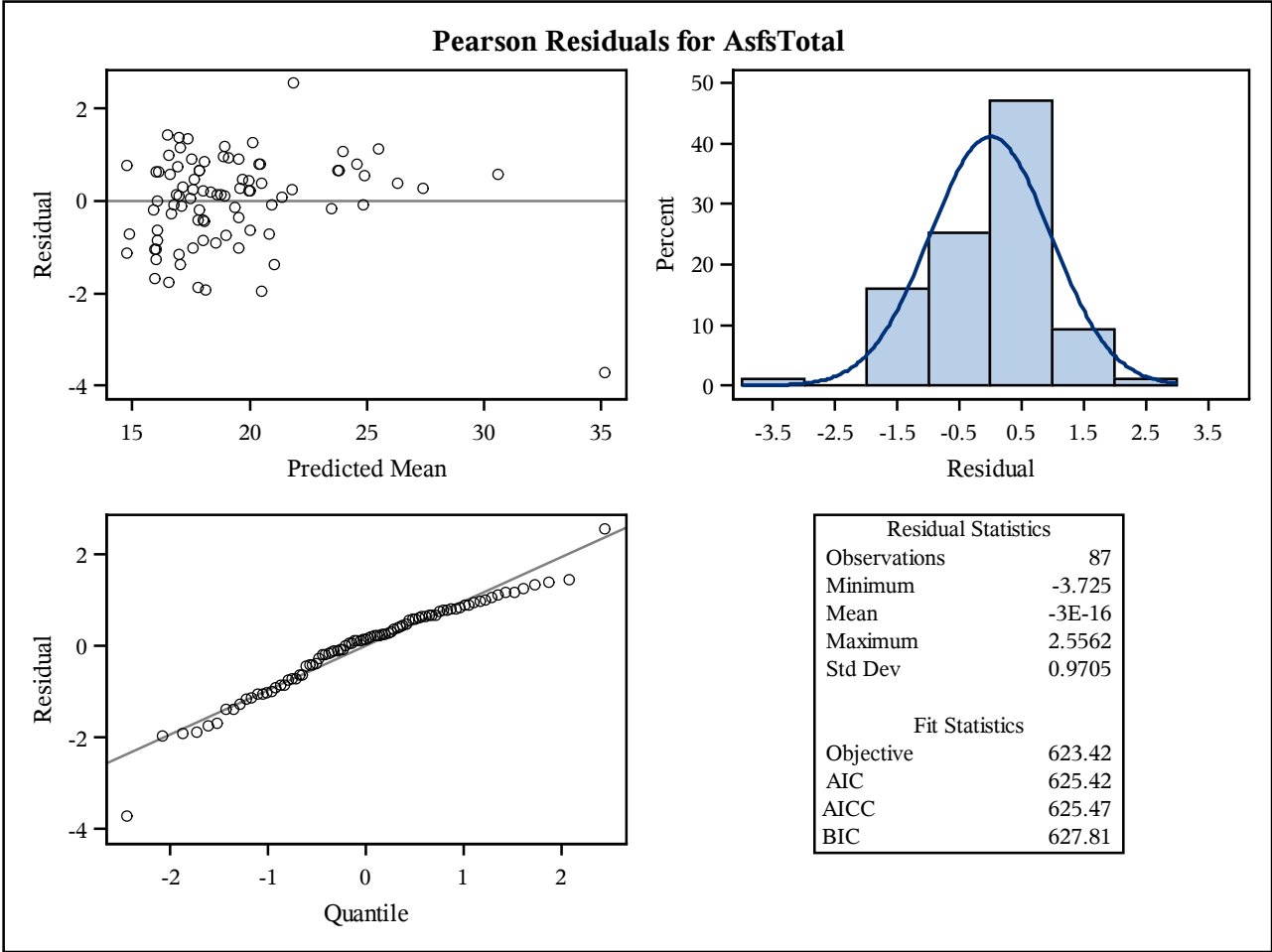
StudyDay=21 StudySite=CRG Gender=M



Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

The Mixed Procedure

StudyDay=21 StudySite=CRG Gender=M



Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

The Mixed Procedure

StudyDay=21 StudySite=Hilltop-Winn Gender=F

Covariance Parameter Estimates	
Cov Parm	Estimate
Residual	76.3900

Fit Statistics	
-2 Res Log Likelihood	624.8
AIC (smaller is better)	626.8
AICC (smaller is better)	626.8
BIC (smaller is better)	629.2

Type 3 Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
Trt	3	83	1.50	0.2193
Age	1	83	0.84	0.3607
BaseAsfsTotal	1	83	23.39	<.0001

Least Squares Means									
Effect	Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	A	18.4906	1.7165	83	10.77	<.0001	0.05	15.0766	21.9047
Trt	B	20.7564	1.6859	83	12.31	<.0001	0.05	17.4032	24.1097
Trt	C	15.7825	1.6262	83	9.71	<.0001	0.05	12.5481	19.0169
Trt	D	18.1609	3.3232	83	5.46	<.0001	0.05	11.5512	24.7705

Differences of Least Squares Means										
Effect	Trt	_Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	A	B	-2.2658	2.4028	83	-0.94	0.3484	0.05	-7.0449	2.5133
Trt	A	C	2.7081	2.3684	83	1.14	0.2561	0.05	-2.0026	7.4187
Trt	A	D	0.3298	3.7461	83	0.09	0.9301	0.05	-7.1212	7.7807
Trt	B	C	4.9739	2.3463	83	2.12	0.0370	0.05	0.3073	9.6405

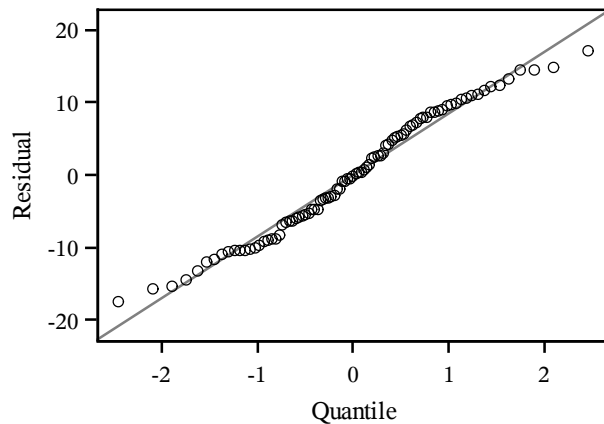
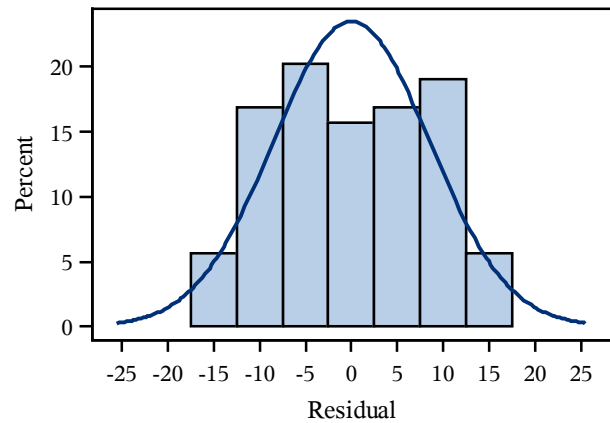
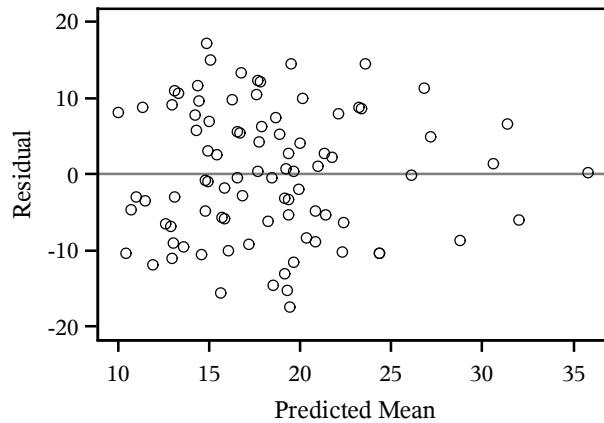
Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

The Mixed Procedure

StudyDay=21 StudySite=Hilltop-Winn Gender=F

Differences of Least Squares Means										
Effect	Trt	_Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	B	D	2.5956	3.7374	83	0.69	0.4893	0.05	-4.8380	10.0291
Trt	C	D	-2.3783	3.6925	83	-0.64	0.5213	0.05	-9.7227	4.9660

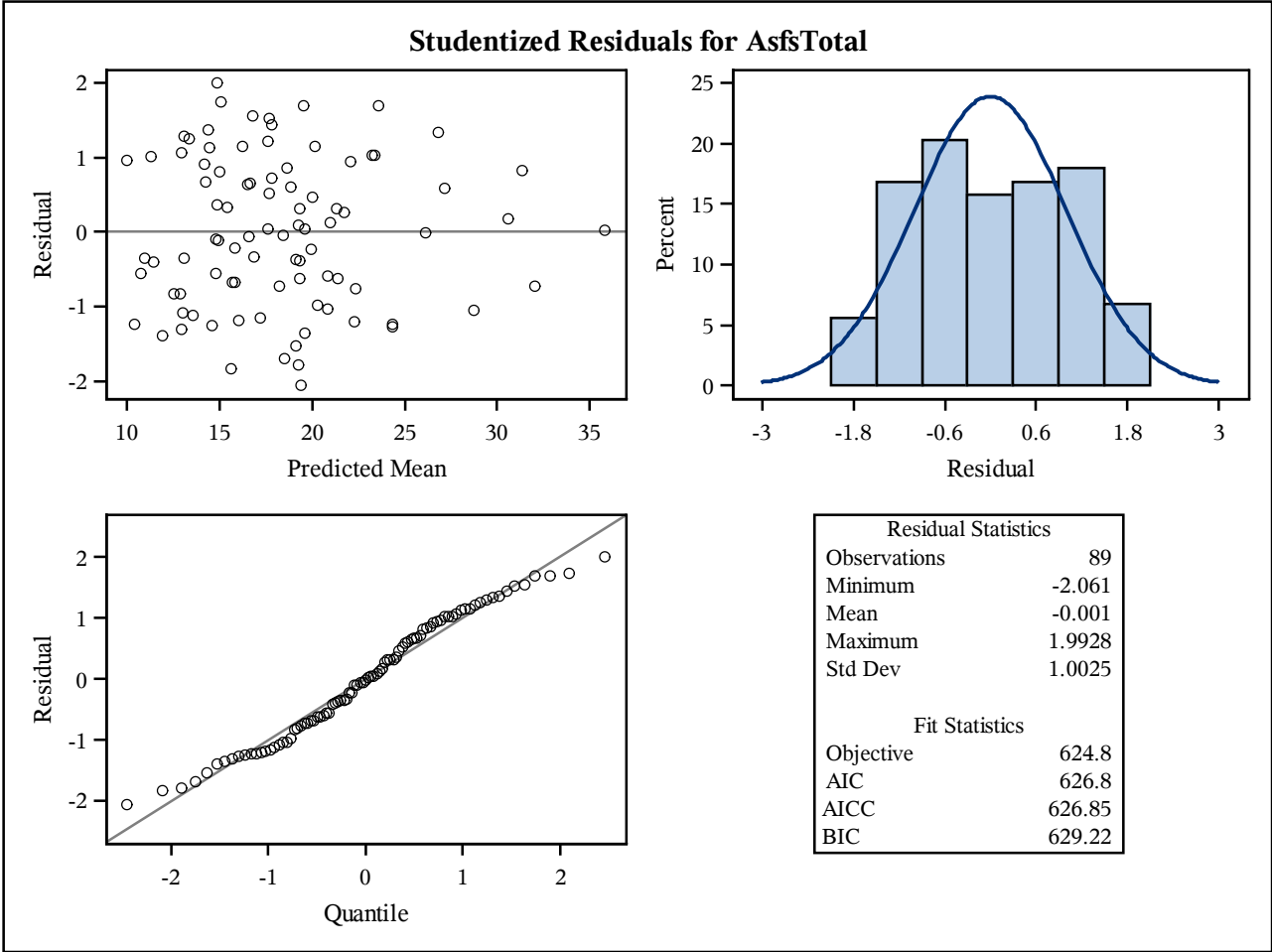
Residuals for AsfsTotal



Residual Statistics	
Observations	89
Minimum	-17.43
Mean	-3E-15
Maximum	17.109
Std Dev	8.4882
Fit Statistics	
Objective	624.8
AIC	626.8
AICC	626.85
BIC	629.22

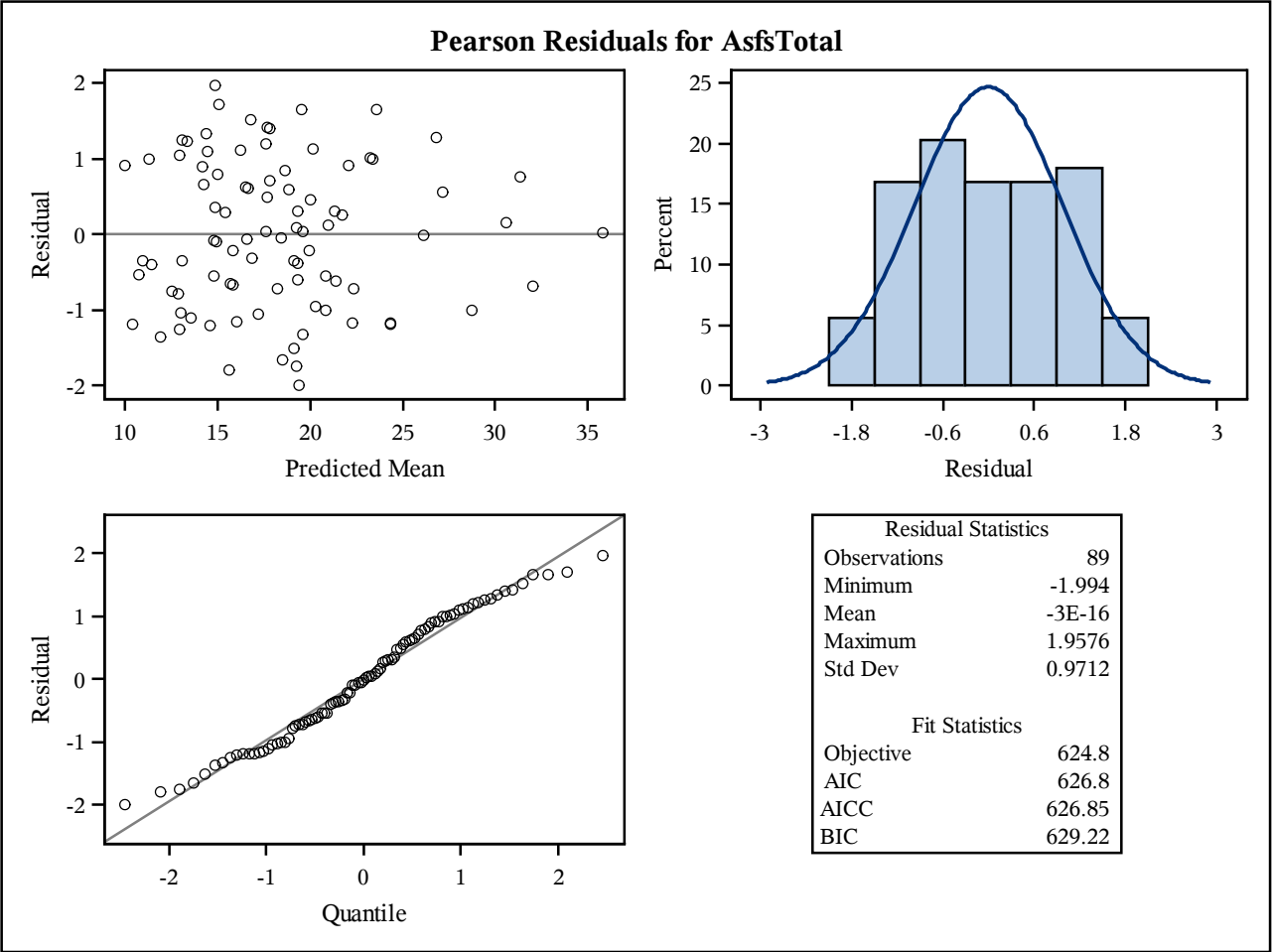
The Mixed Procedure

StudyDay=21 StudySite=Hilltop-Winn Gender=F



The Mixed Procedure

StudyDay=21 StudySite=Hilltop-Winn Gender=F



Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

The Mixed Procedure

StudyDay=21 StudySite=Hilltop-Winn Gender=M

Covariance Parameter Estimates	
Cov Parm	Estimate
Residual	80.9209

Fit Statistics	
-2 Res Log Likelihood	863.0
AIC (smaller is better)	865.0
AICC (smaller is better)	865.0
BIC (smaller is better)	867.7

Type 3 Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
Trt	3	115	2.46	0.0661
Age	1	115	4.41	0.0378
BaseAsfsTotal	1	115	22.81	<.0001

Least Squares Means									
Effect	Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	A	18.8066	1.4407	115	13.05	<.0001	0.05	15.9527	21.6604
Trt	B	16.6561	1.5433	115	10.79	<.0001	0.05	13.5992	19.7130
Trt	C	19.6480	1.5004	115	13.09	<.0001	0.05	16.6759	22.6200
Trt	D	12.0758	2.5999	115	4.64	<.0001	0.05	6.9260	17.2257

Differences of Least Squares Means										
Effect	Trt	_Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	A	B	2.1504	2.1117	115	1.02	0.3107	0.05	-2.0325	6.3334
Trt	A	C	-0.8414	2.0799	115	-0.40	0.6866	0.05	-4.9613	3.2785
Trt	A	D	6.7307	2.9727	115	2.26	0.0254	0.05	0.8423	12.6191
Trt	B	C	-2.9918	2.1531	115	-1.39	0.1674	0.05	-7.2568	1.2731

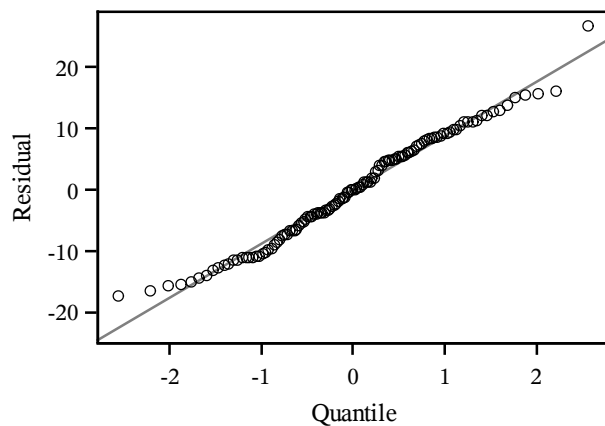
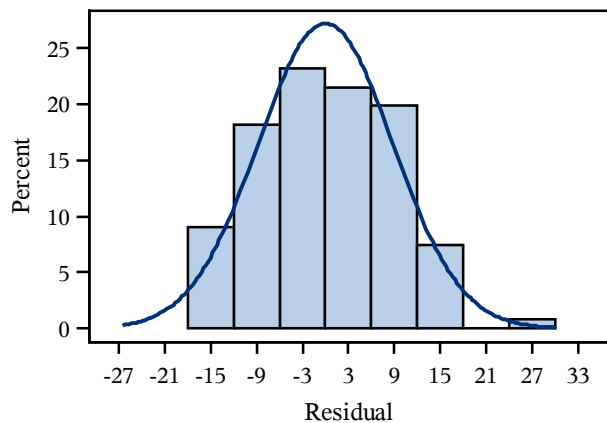
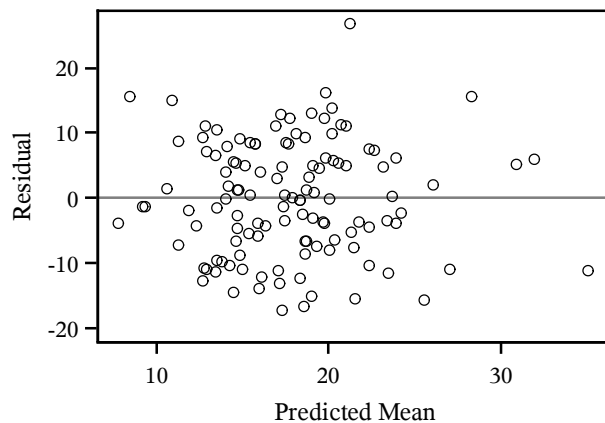
Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

The Mixed Procedure

StudyDay=21 StudySite=Hilltop-Winn Gender=M

Differences of Least Squares Means										
Effect	Trt	_Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	B	D	4.5803	3.0223	115	1.52	0.1324	0.05	-1.4063	10.5669
Trt	C	D	7.5721	3.0043	115	2.52	0.0131	0.05	1.6213	13.5230

Residuals for AsfsTotal

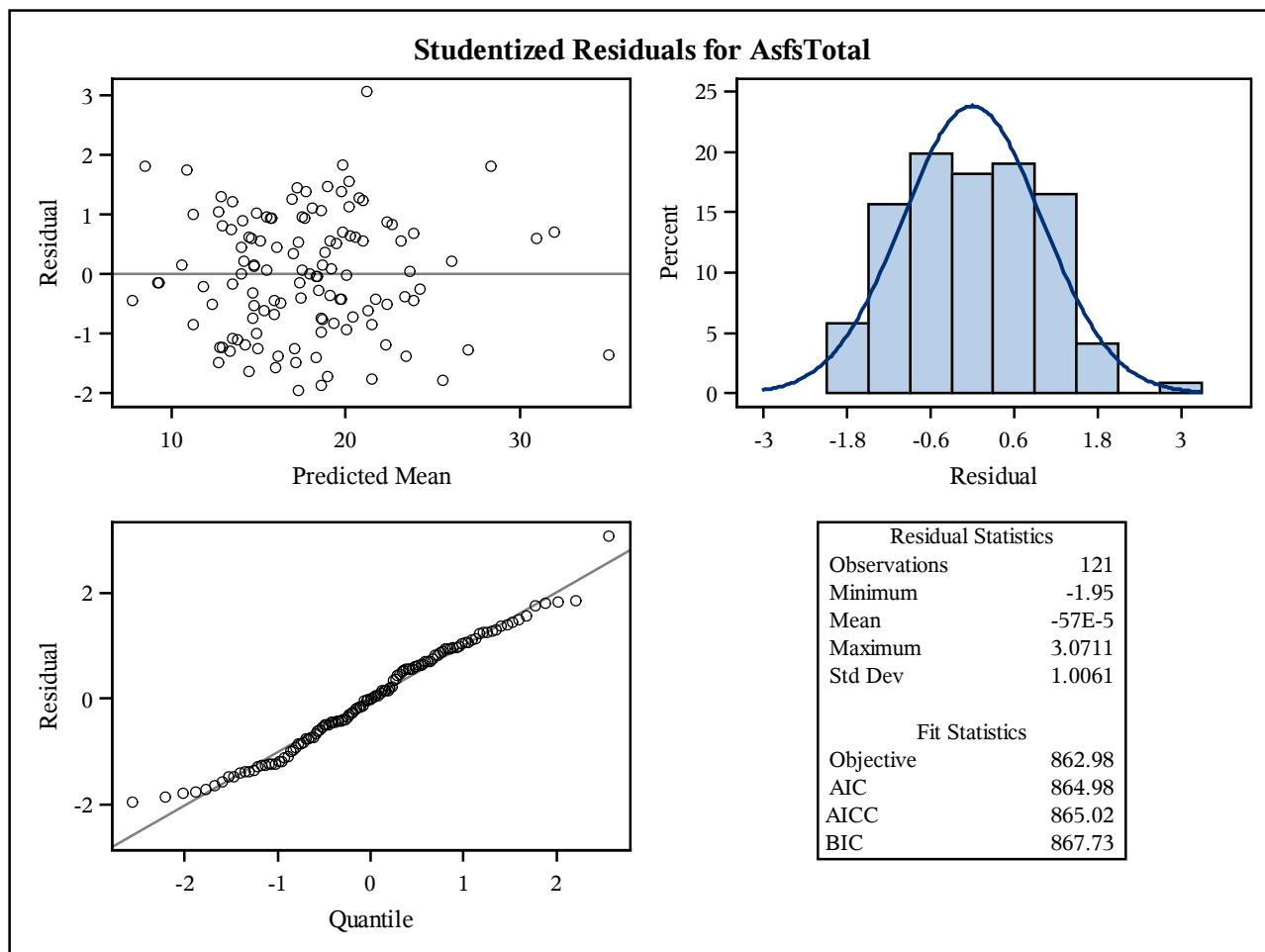


Residual Statistics	
Observations	121
Minimum	-17.28
Mean	2E-15
Maximum	26.795
Std Dev	8.8062
Fit Statistics	
Objective	862.98
AIC	864.98
AICC	865.02
BIC	867.73

Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

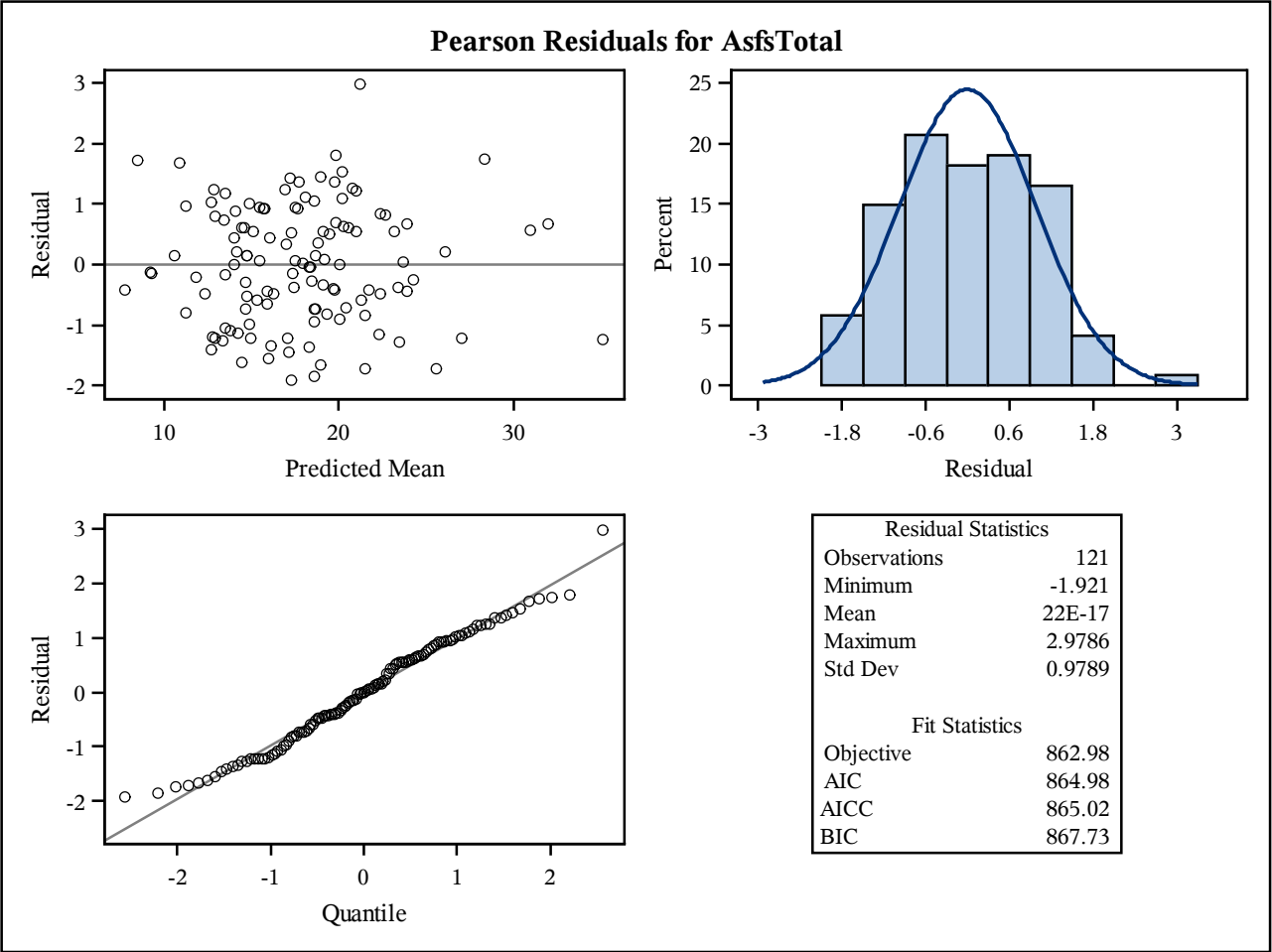
The Mixed Procedure

StudyDay=21 StudySite=Hilltop-Winn Gender=M



The Mixed Procedure

StudyDay=21 StudySite=Hilltop-Winn Gender=M



Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

The Mixed Procedure

StudyDay=21 StudySite=Bower Gender=F

Covariance Parameter Estimates	
Cov Parm	Estimate
Residual	49.8854

Fit Statistics	
-2 Res Log Likelihood	991.0
AIC (smaller is better)	993.0
AICC (smaller is better)	993.0
BIC (smaller is better)	996.0

Type 3 Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
Trt	3	142	7.44	0.0001
Age	1	142	1.30	0.2563
BaseAsfsTotal	1	142	5.83	0.0170

Least Squares Means									
Effect	Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	A	-11.0079	1.0652	142	-10.33	<.0001	0.05	-13.1136	-8.9023
Trt	B	-6.5747	1.0803	142	-6.09	<.0001	0.05	-8.7103	-4.4391
Trt	C	-7.1102	1.0425	142	-6.82	<.0001	0.05	-9.1711	-5.0493
Trt	D	-14.9245	1.8264	142	-8.17	<.0001	0.05	-18.5350	-11.3141

Differences of Least Squares Means										
Effect	Trt	_Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	A	B	-4.4332	1.5187	142	-2.92	0.0041	0.05	-7.4353	-1.4311
Trt	A	C	-3.8977	1.4899	142	-2.62	0.0099	0.05	-6.8430	-0.9524
Trt	A	D	3.9166	2.1134	142	1.85	0.0659	0.05	-0.2613	8.0944
Trt	B	C	0.5355	1.5032	142	0.36	0.7222	0.05	-2.4361	3.5072

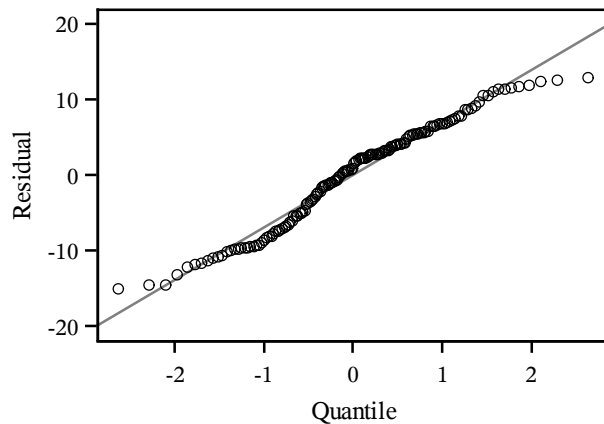
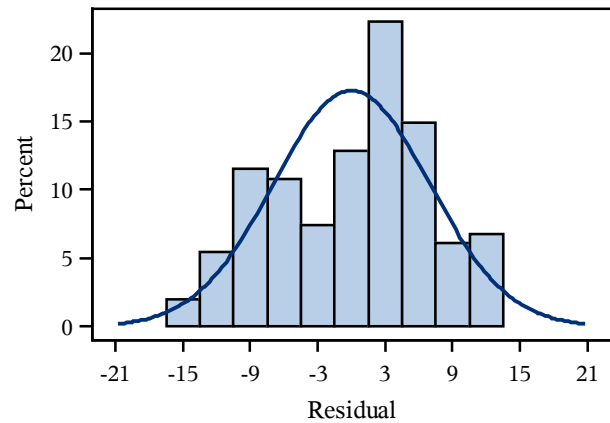
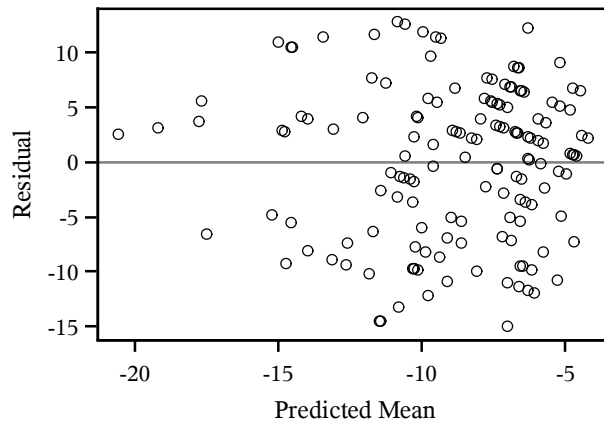
Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

The Mixed Procedure

StudyDay=21 StudySite=Bower Gender=F

Differences of Least Squares Means										
Effect	Trt	_Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	B	D	8.3498	2.1239	142	3.93	0.0001	0.05	4.1513	12.5484
Trt	C	D	7.8143	2.1036	142	3.71	0.0003	0.05	3.6558	11.9728

Residuals for DiffAsfsTotal

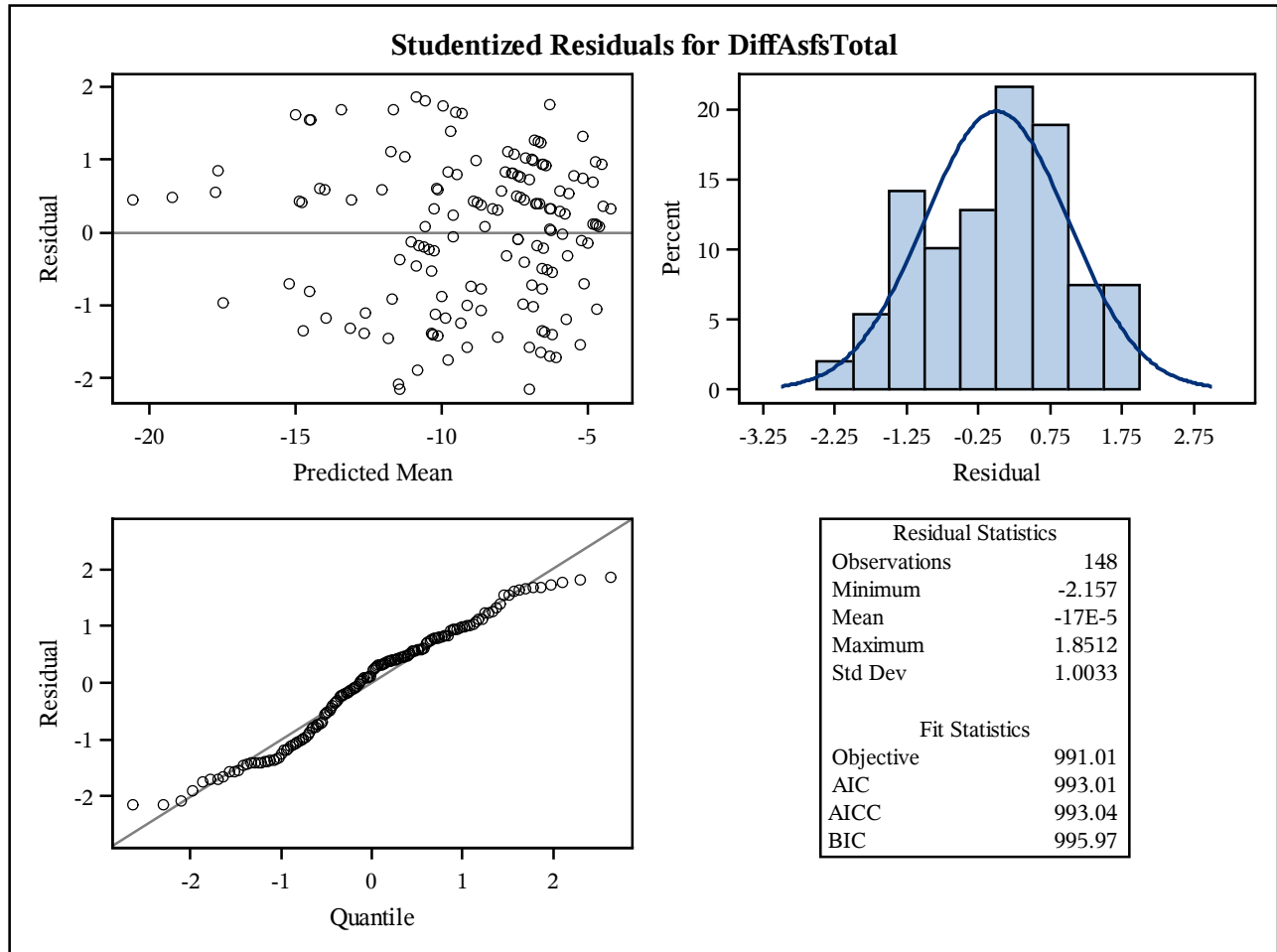


Residual Statistics	
Observations	148
Minimum	-14.98
Mean	-2E-15
Maximum	12.869
Std Dev	6.9418
Fit Statistics	
Objective	991.01
AIC	993.01
AICC	993.04
BIC	995.97

Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

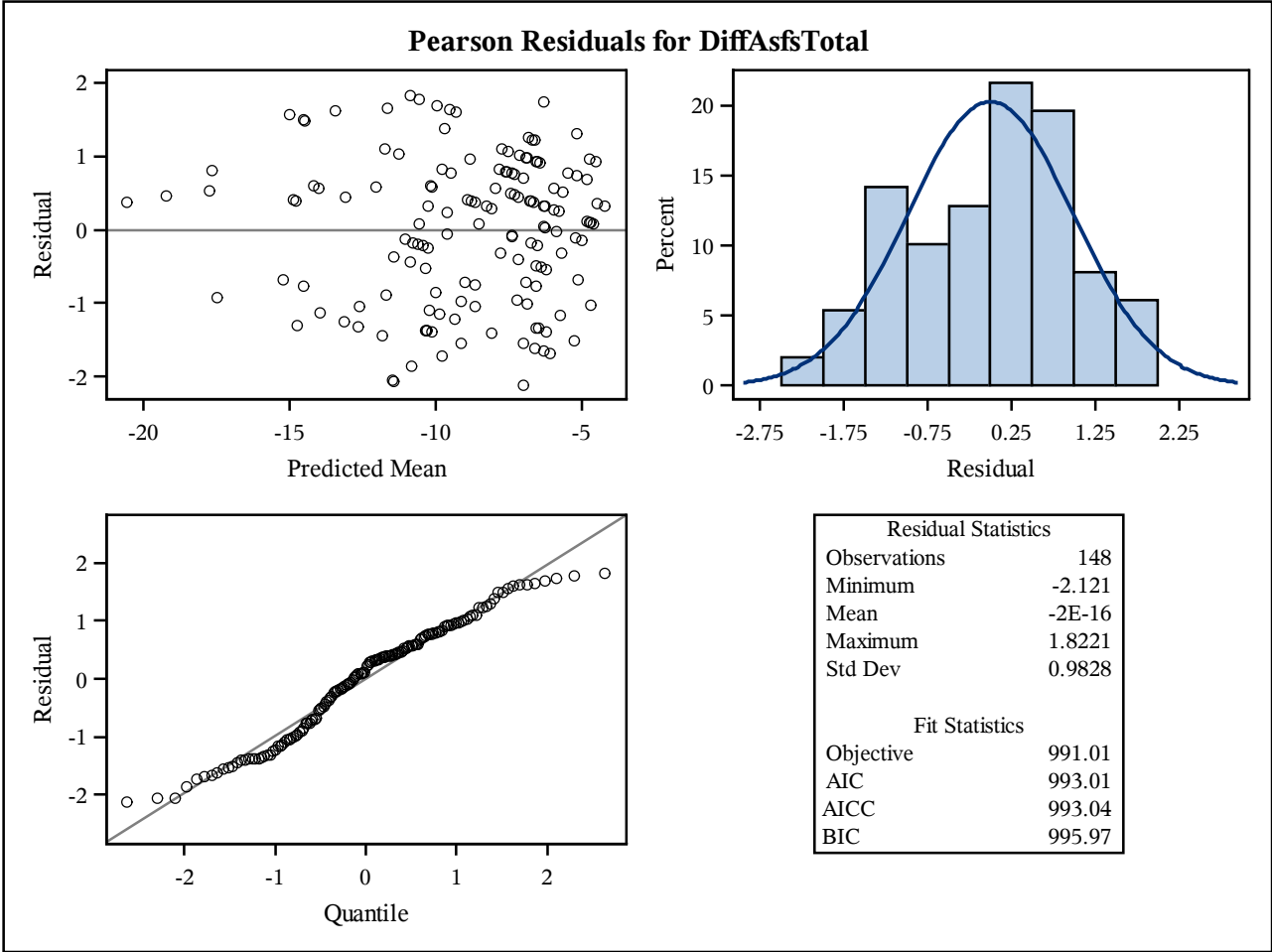
The Mixed Procedure

StudyDay=21 StudySite=Bower Gender=F



The Mixed Procedure

StudyDay=21 StudySite=Bower Gender=F



Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

The Mixed Procedure

StudyDay=21 StudySite=Bower Gender=M

Covariance Parameter Estimates	
Cov Parm	Estimate
Residual	52.3721

Fit Statistics	
-2 Res Log Likelihood	491.5
AIC (smaller is better)	493.5
AICC (smaller is better)	493.5
BIC (smaller is better)	495.7

Type 3 Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
Trt	3	68	2.94	0.0391
Age	1	68	1.06	0.3079
BaseAsfsTotal	1	68	31.72	<.0001

Least Squares Means									
Effect	Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	A	-10.8391	1.4895	68	-7.28	<.0001	0.05	-13.8114	-7.8669
Trt	B	-14.3051	1.5863	68	-9.02	<.0001	0.05	-17.4706	-11.1396
Trt	C	-14.5197	1.5363	68	-9.45	<.0001	0.05	-17.5854	-11.4540
Trt	D	-5.9166	2.9838	68	-1.98	0.0514	0.05	-11.8707	0.03737

Differences of Least Squares Means										
Effect	Trt	_Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	A	B	3.4660	2.1817	68	1.59	0.1168	0.05	-0.8876	7.8195
Trt	A	C	3.6806	2.1615	68	1.70	0.0932	0.05	-0.6327	7.9939
Trt	A	D	-4.9225	3.3118	68	-1.49	0.1418	0.05	-11.5311	1.6861
Trt	B	C	0.2146	2.2105	68	0.10	0.9229	0.05	-4.1964	4.6257

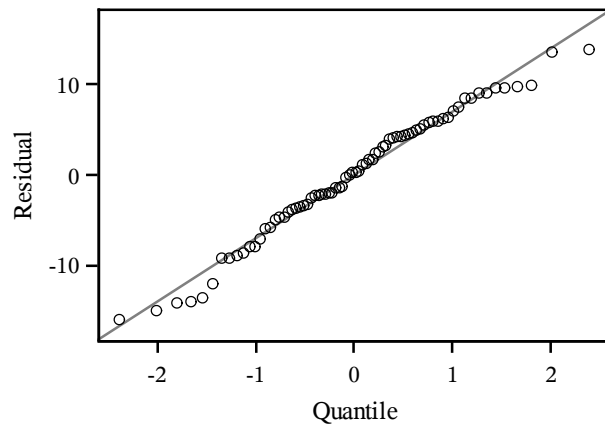
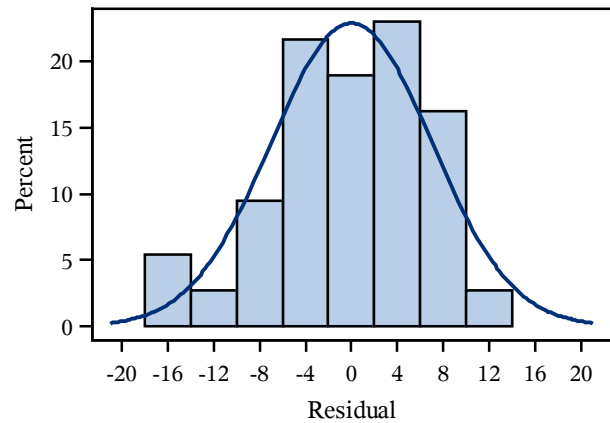
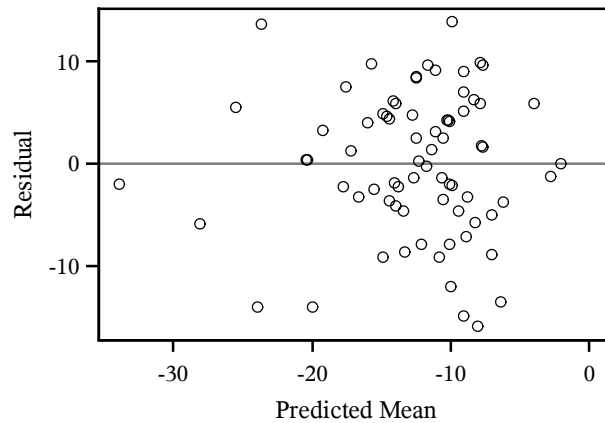
Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

The Mixed Procedure

StudyDay=21 StudySite=Bower Gender=M

Differences of Least Squares Means										
Effect	Trt	_Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	B	D	-8.3885	3.3825	68	-2.48	0.0156	0.05	-15.1381	-1.6388
Trt	C	D	-8.6031	3.3903	68	-2.54	0.0135	0.05	-15.3683	-1.8378

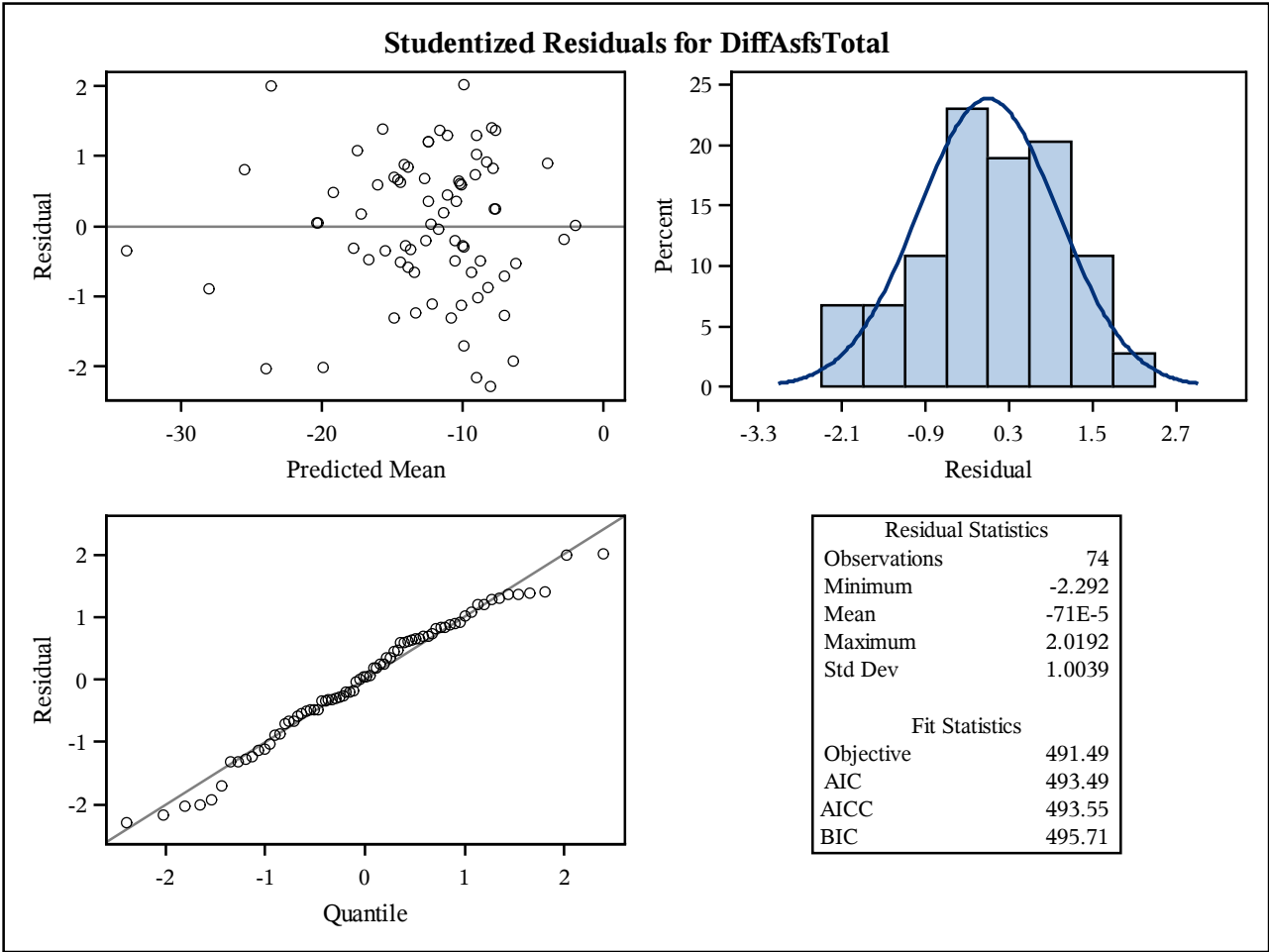
Residuals for DiffAsfsTotal



Residual Statistics	
Observations	74
Minimum	-15.98
Mean	3E-15
Maximum	13.925
Std Dev	6.9846
Fit Statistics	
Objective	491.49
AIC	493.49
AICC	493.55
BIC	495.71

The Mixed Procedure

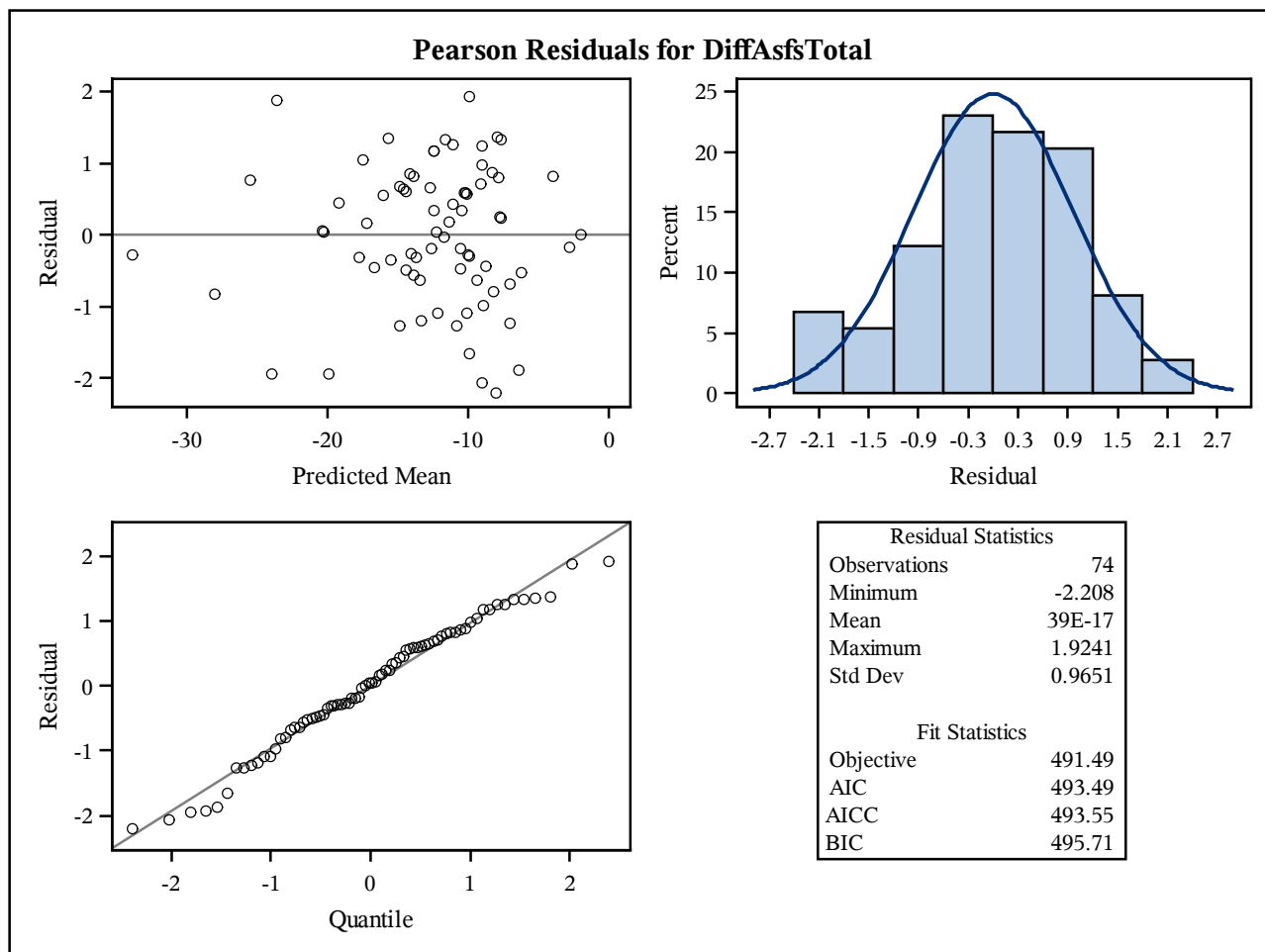
StudyDay=21 StudySite=Bower Gender=M



Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

The Mixed Procedure

StudyDay=21 StudySite=Bower Gender=M



Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

The Mixed Procedure

StudyDay=21 StudySite=CRG Gender=F

Covariance Parameter Estimates	
Cov Parm	Estimate
Residual	60.4318

Fit Statistics	
-2 Res Log Likelihood	843.4
AIC (smaller is better)	845.4
AICC (smaller is better)	845.4
BIC (smaller is better)	848.2

Type 3 Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
Trt	3	117	8.02	<.0001
Age	1	117	0.03	0.8688
BaseAsfsTotal	1	117	12.41	0.0006

Least Squares Means									
Effect	Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	A	-10.1847	1.2648	117	-8.05	<.0001	0.05	-12.6896	-7.6799
Trt	B	-7.0122	1.2961	117	-5.41	<.0001	0.05	-9.5791	-4.4454
Trt	C	-9.8990	1.2469	117	-7.94	<.0001	0.05	-12.3684	-7.4297
Trt	D	-20.6478	2.4605	117	-8.39	<.0001	0.05	-25.5206	-15.7749

Differences of Least Squares Means										
Effect	Trt	_Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	A	B	-3.1725	1.8111	117	-1.75	0.0824	0.05	-6.7592	0.4142
Trt	A	C	-0.2857	1.7796	117	-0.16	0.8727	0.05	-3.8102	3.2388
Trt	A	D	10.4630	2.7701	117	3.78	0.0003	0.05	4.9770	15.9491
Trt	B	C	2.8868	1.7989	117	1.60	0.1113	0.05	-0.6759	6.4494

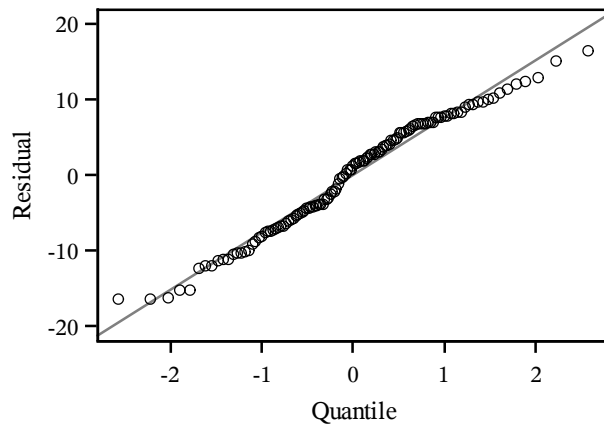
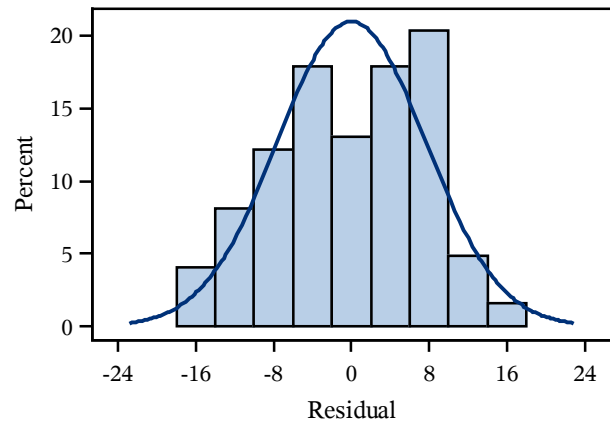
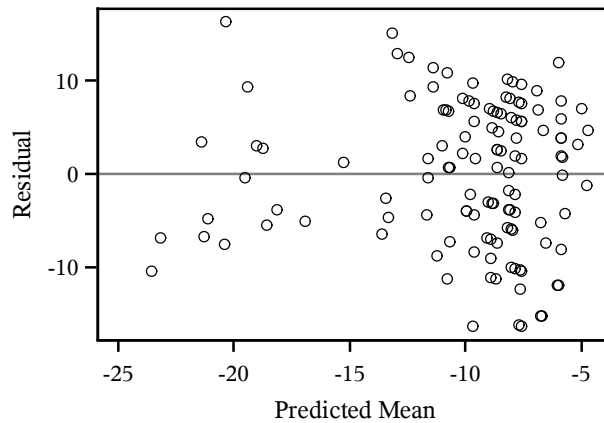
Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

The Mixed Procedure

StudyDay=21 StudySite=CRG Gender=F

Differences of Least Squares Means										
Effect	Trt	_Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	B	D	13.6355	2.7811	117	4.90	<.0001	0.05	8.1276	19.1434
Trt	C	D	10.7488	2.7557	117	3.90	0.0002	0.05	5.2912	16.2064

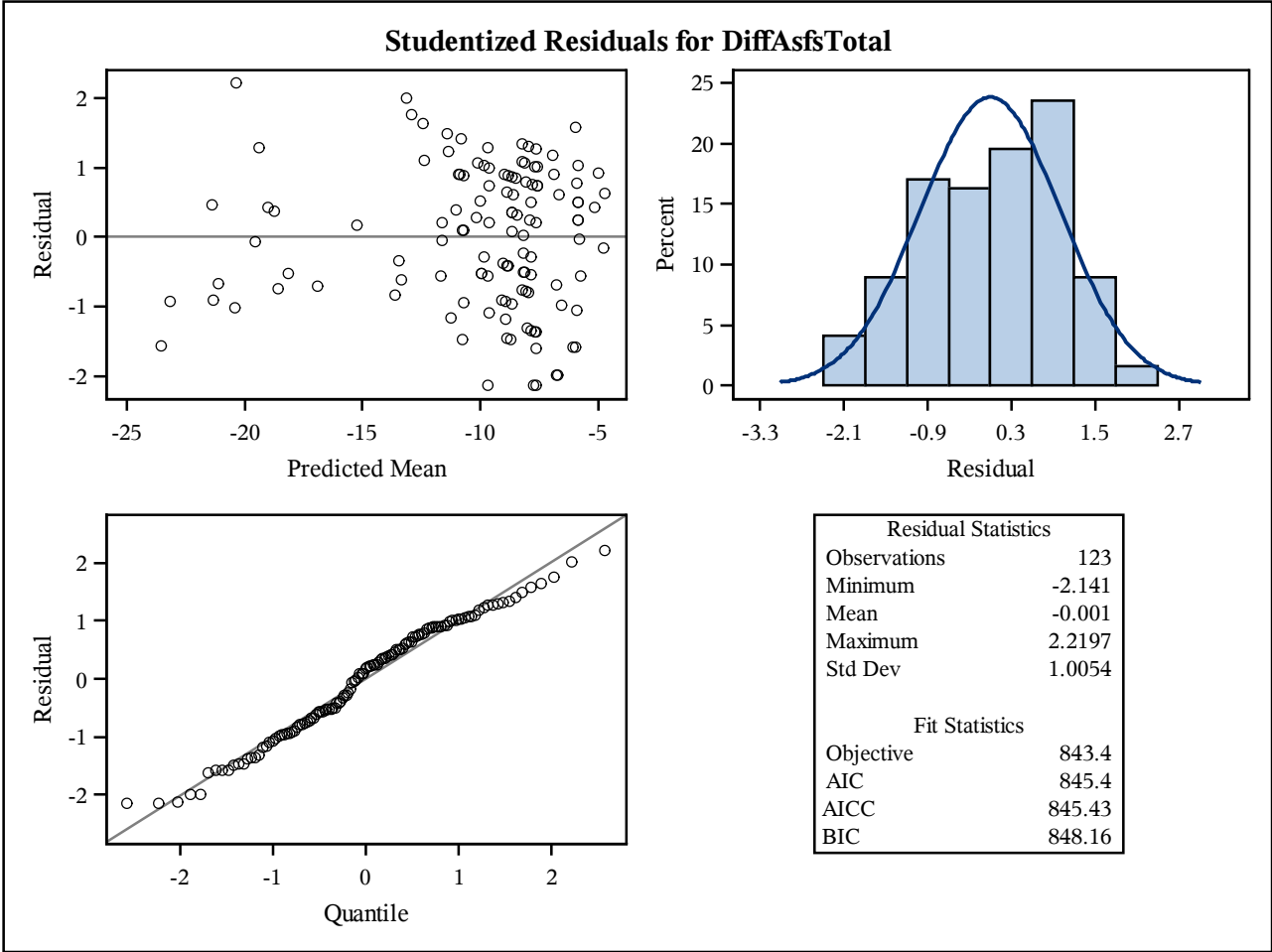
Residuals for DiffAsfsTotal



Residual Statistics	
Observations	123
Minimum	-16.39
Mean	-9E-16
Maximum	16.362
Std Dev	7.6128
Fit Statistics	
Objective	843.4
AIC	845.4
AICC	845.43
BIC	848.16

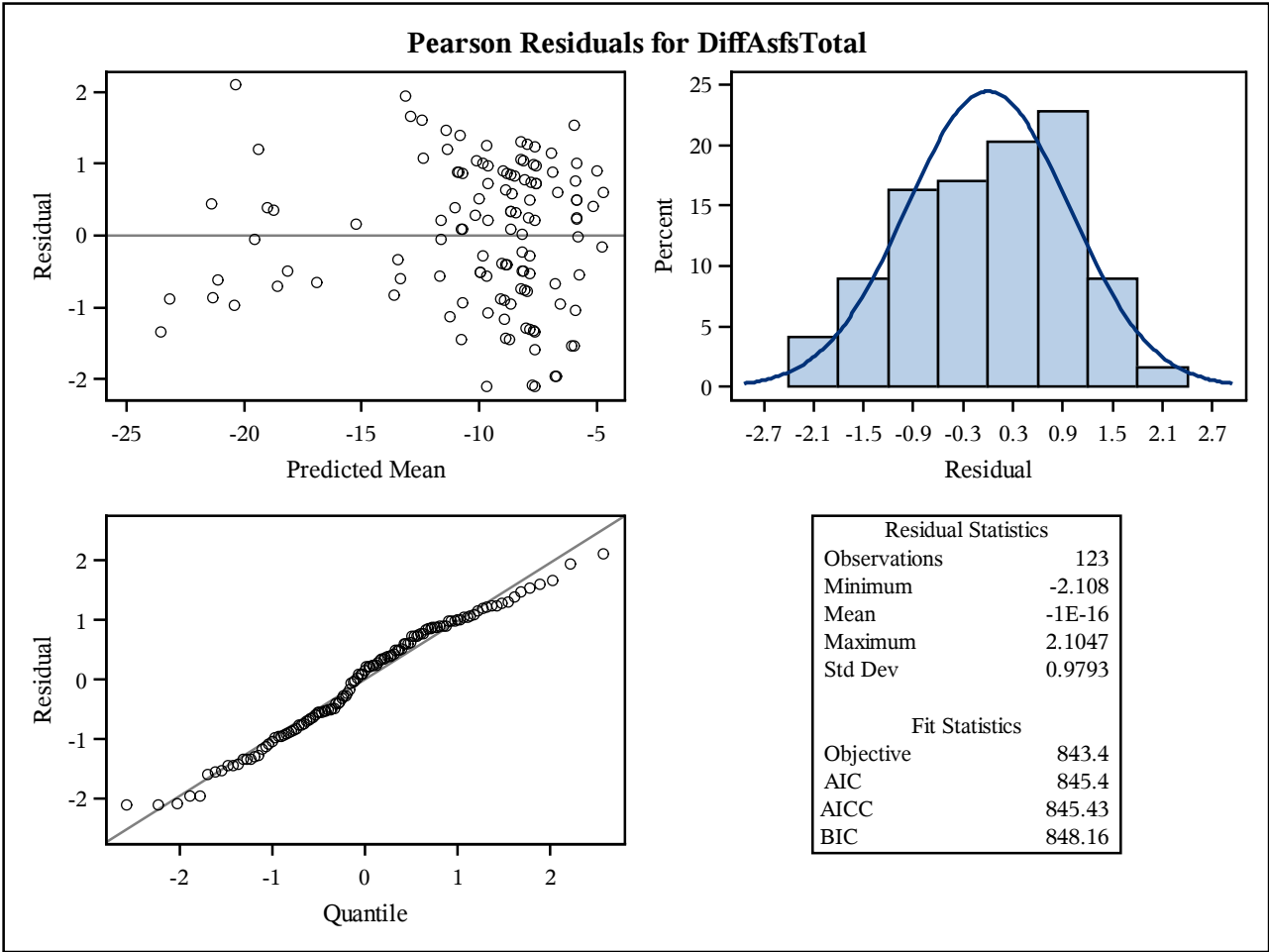
The Mixed Procedure

StudyDay=21 StudySite=CRG Gender=F



The Mixed Procedure

StudyDay=21 StudySite=CRG Gender=F



Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

The Mixed Procedure

StudyDay=21 StudySite=CRG Gender=M

Covariance Parameter Estimates	
Cov Parm	Estimate
Residual	89.0079

Fit Statistics	
-2 Res Log Likelihood	623.4
AIC (smaller is better)	625.4
AICC (smaller is better)	625.5
BIC (smaller is better)	627.8

Type 3 Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
Trt	3	81	0.07	0.9767
Age	1	81	0.01	0.9419
BaseAsfsTotal	1	81	12.04	0.0008

Least Squares Means									
Effect	Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	A	-11.1596	1.8820	81	-5.93	<.0001	0.05	-14.9042	-7.4149
Trt	B	-10.6951	1.7668	81	-6.05	<.0001	0.05	-14.2106	-7.1797
Trt	C	-11.2735	1.9442	81	-5.80	<.0001	0.05	-15.1419	-7.4052
Trt	D	-12.3910	3.3703	81	-3.68	0.0004	0.05	-19.0968	-5.6851

Differences of Least Squares Means										
Effect	Trt	_Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	A	B	-0.4644	2.6115	81	-0.18	0.8593	0.05	-5.6605	4.7316
Trt	A	C	0.1140	2.7378	81	0.04	0.9669	0.05	-5.3333	5.5613
Trt	A	D	1.2314	3.8190	81	0.32	0.7479	0.05	-6.3673	8.8301
Trt	B	C	0.5784	2.6063	81	0.22	0.8249	0.05	-4.6073	5.7641

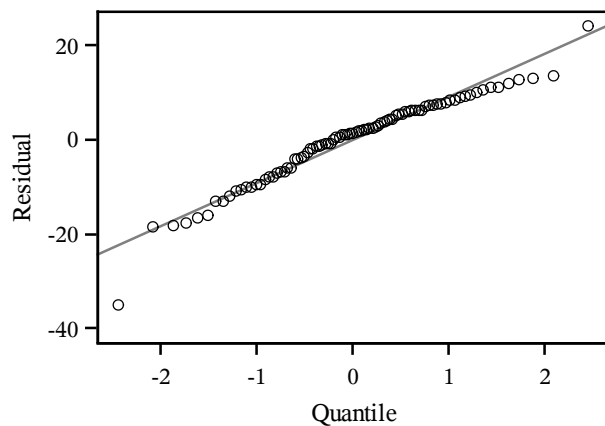
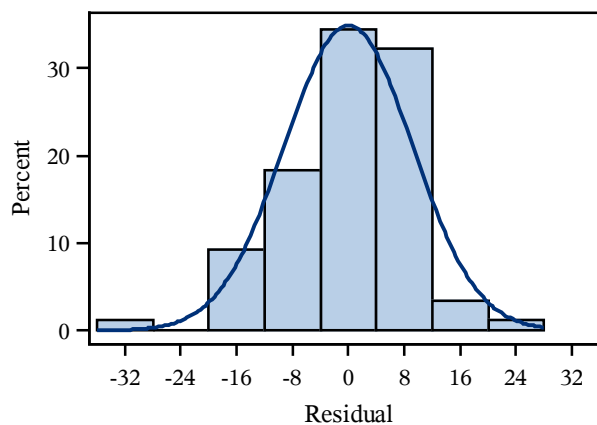
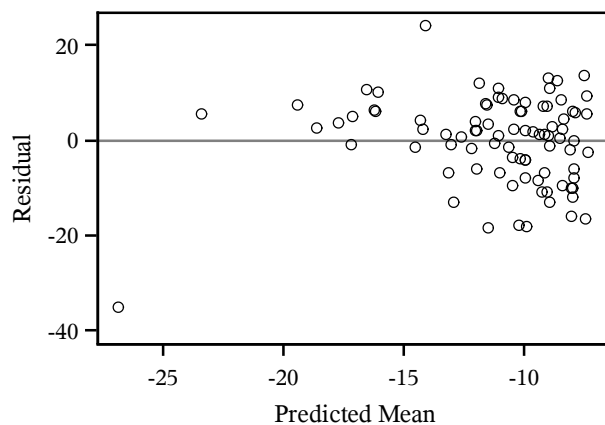
Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

The Mixed Procedure

StudyDay=21 StudySite=CRG Gender=M

Differences of Least Squares Means										
Effect	Trt	_Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	B	D	1.6959	3.8314	81	0.44	0.6592	0.05	-5.9273	9.3190
Trt	C	D	1.1174	3.9238	81	0.28	0.7765	0.05	-6.6897	8.9246

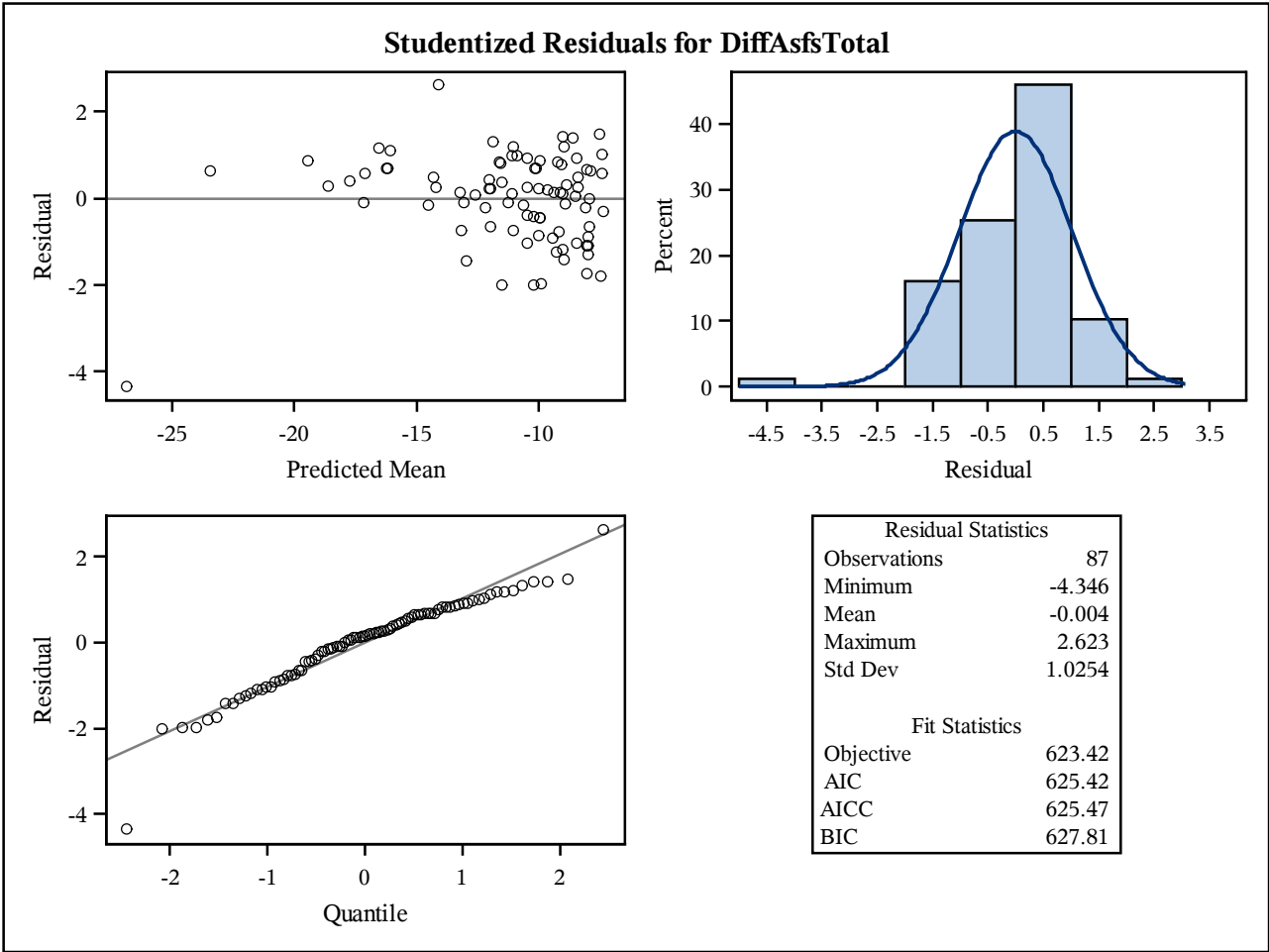
Residuals for DiffAsfsTotal



Residual Statistics	
Observations	87
Minimum	-35.14
Mean	-9E-16
Maximum	24.116
Std Dev	9.156
Fit Statistics	
Objective	623.42
AIC	625.42
AICC	625.47
BIC	627.81

The Mixed Procedure

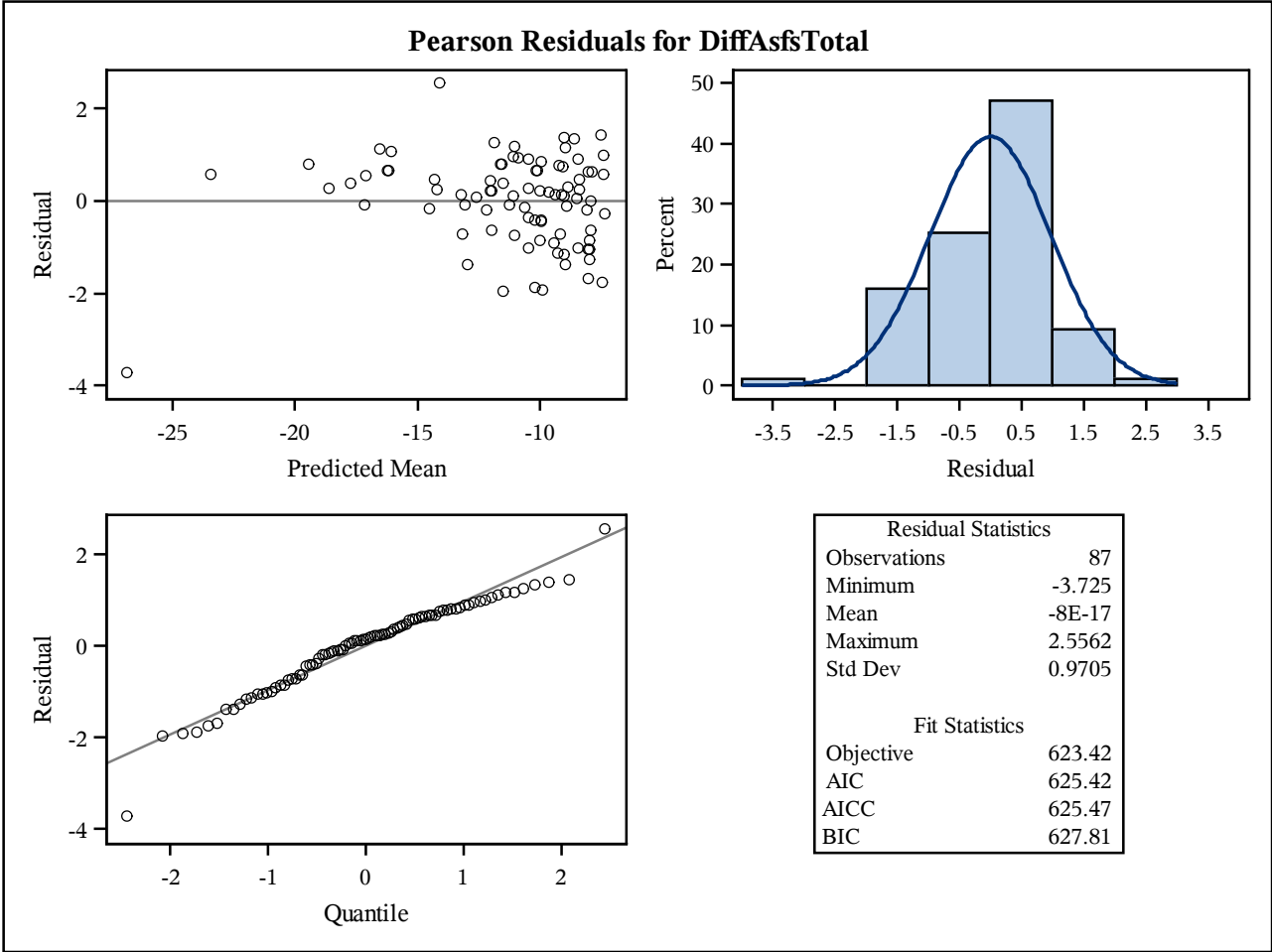
StudyDay=21 StudySite=CRG Gender=M



Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

The Mixed Procedure

StudyDay=21 StudySite=CRG Gender=M



Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

The Mixed Procedure

StudyDay=21 StudySite=Hilltop-Winn Gender=F

Covariance Parameter Estimates	
Cov Parm	Estimate
Residual	76.3900

Fit Statistics	
-2 Res Log Likelihood	624.8
AIC (smaller is better)	626.8
AICC (smaller is better)	626.8
BIC (smaller is better)	629.2

Type 3 Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
Trt	3	83	1.50	0.2193
Age	1	83	0.84	0.3607
BaseAsfsTotal	1	83	1.35	0.2491

Least Squares Means									
Effect	Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	A	-10.7678	1.7165	83	-6.27	<.0001	0.05	-14.1819	-7.3538
Trt	B	-8.5020	1.6859	83	-5.04	<.0001	0.05	-11.8552	-5.1487
Trt	C	-13.4759	1.6262	83	-8.29	<.0001	0.05	-16.7103	-10.2415
Trt	D	-11.0976	3.3232	83	-3.34	0.0013	0.05	-17.7072	-4.4879

Differences of Least Squares Means										
Effect	Trt	_Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	A	B	-2.2658	2.4028	83	-0.94	0.3484	0.05	-7.0449	2.5133
Trt	A	C	2.7081	2.3684	83	1.14	0.2561	0.05	-2.0026	7.4187
Trt	A	D	0.3298	3.7461	83	0.09	0.9301	0.05	-7.1212	7.7807
Trt	B	C	4.9739	2.3463	83	2.12	0.0370	0.05	0.3073	9.6405

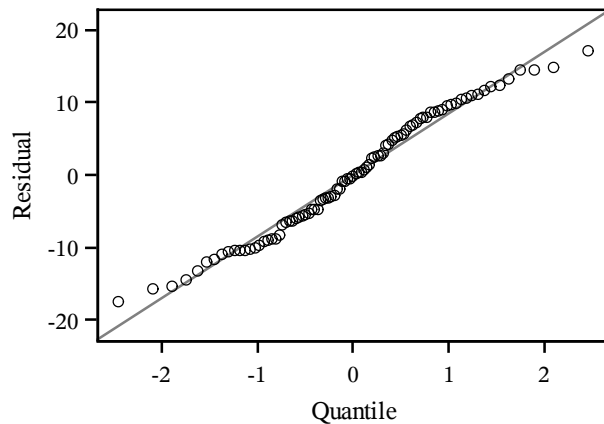
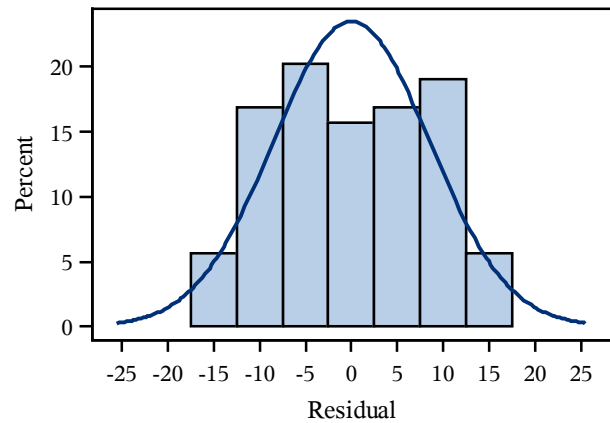
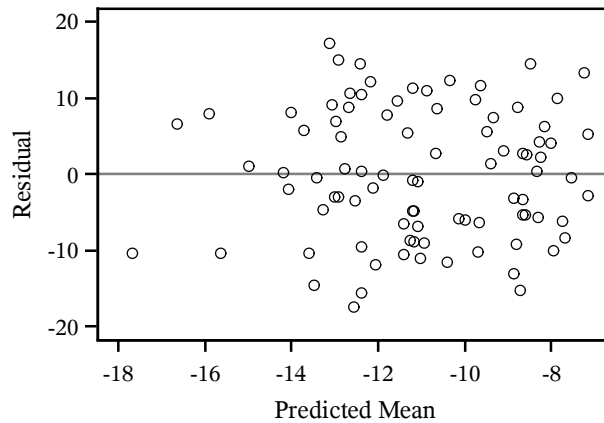
Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

The Mixed Procedure

StudyDay=21 StudySite=Hilltop-Winn Gender=F

Differences of Least Squares Means										
Effect	Trt	_Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	B	D	2.5956	3.7374	83	0.69	0.4893	0.05	-4.8380	10.0291
Trt	C	D	-2.3783	3.6925	83	-0.64	0.5213	0.05	-9.7227	4.9660

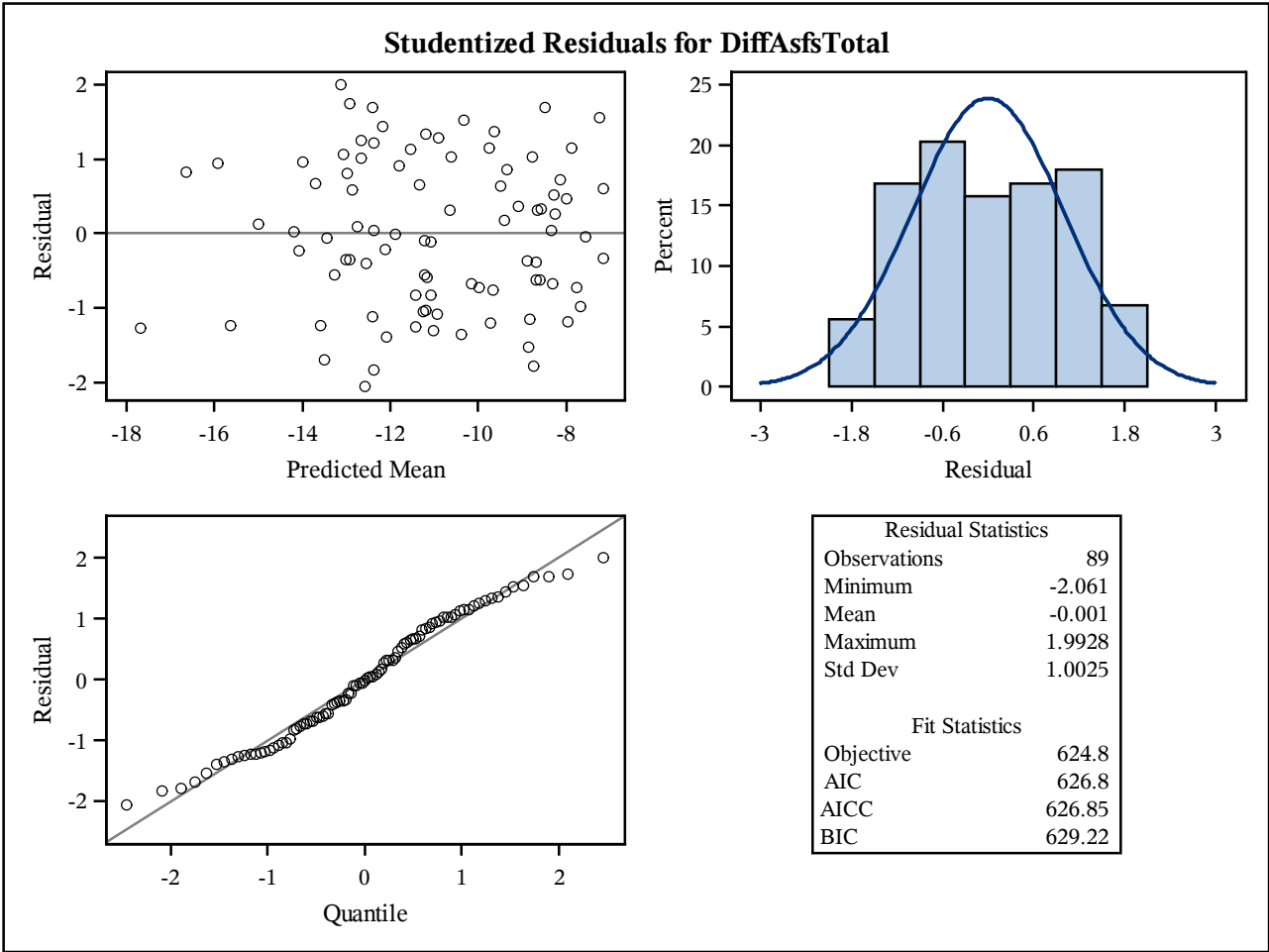
Residuals for DiffAsfsTotal



Residual Statistics	
Observations	89
Minimum	-17.43
Mean	32E-17
Maximum	17.109
Std Dev	8.4882
Fit Statistics	
Objective	624.8
AIC	626.8
AICC	626.85
BIC	629.22

The Mixed Procedure

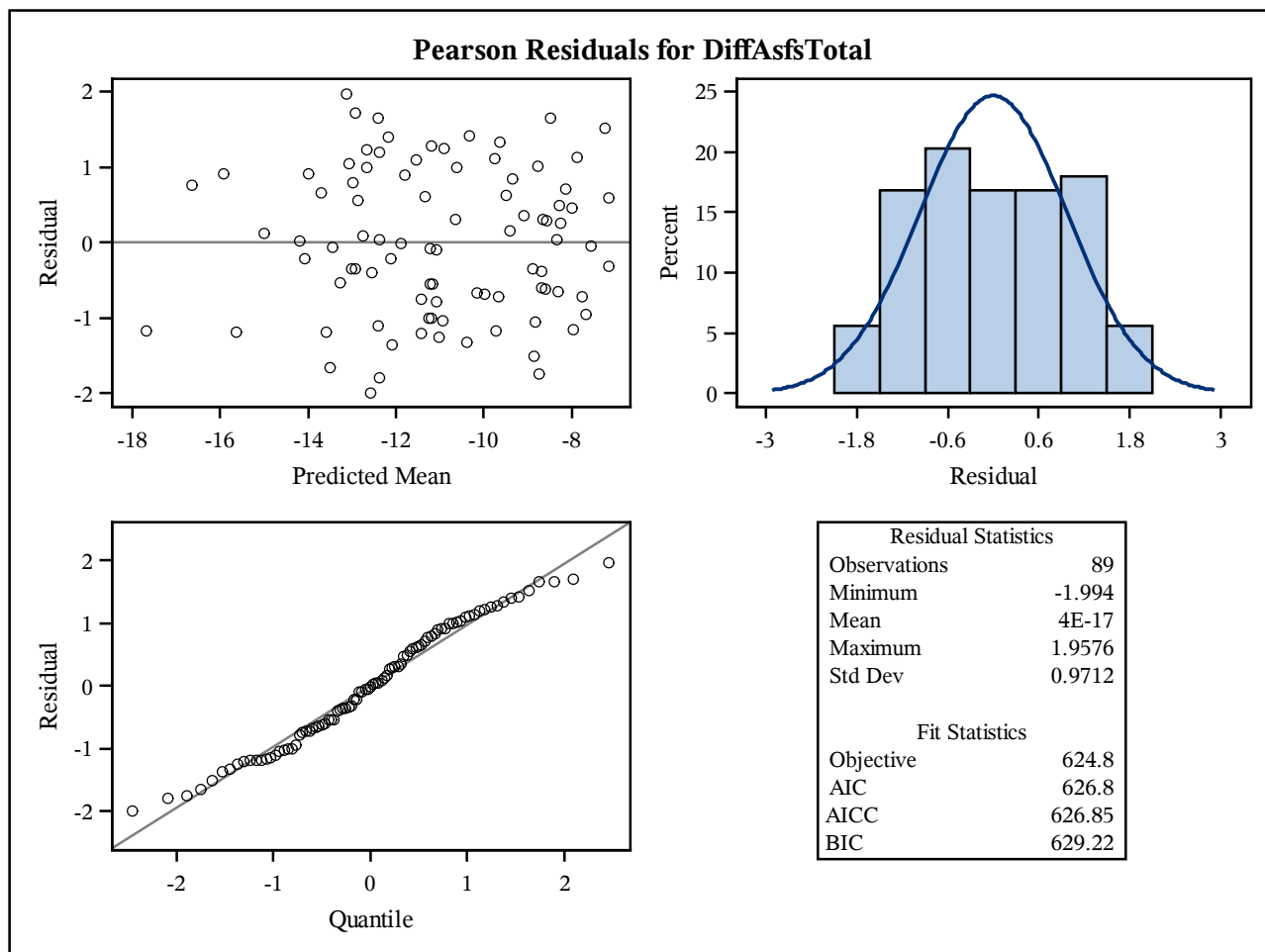
StudyDay=21 StudySite=Hilltop-Winn Gender=F



Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

The Mixed Procedure

StudyDay=21 StudySite=Hilltop-Winn Gender=F



Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

The Mixed Procedure

StudyDay=21 StudySite=Hilltop-Winn Gender=M

Covariance Parameter Estimates	
Cov Parm	Estimate
Residual	80.9209

Fit Statistics	
-2 Res Log Likelihood	863.0
AIC (smaller is better)	865.0
AICC (smaller is better)	865.0
BIC (smaller is better)	867.7

Type 3 Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
Trt	3	115	2.46	0.0661
Age	1	115	4.41	0.0378
BaseAsfsTotal	1	115	1.75	0.1887

Least Squares Means									
Effect	Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	A	-10.4166	1.4407	115	-7.23	<.0001	0.05	-13.2704	-7.5628
Trt	B	-12.5670	1.5433	115	-8.14	<.0001	0.05	-15.6239	-9.5101
Trt	C	-9.5752	1.5004	115	-6.38	<.0001	0.05	-12.5472	-6.6031
Trt	D	-17.1473	2.5999	115	-6.60	<.0001	0.05	-22.2972	-11.9974

Differences of Least Squares Means										
Effect	Trt	_Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	A	B	2.1504	2.1117	115	1.02	0.3107	0.05	-2.0325	6.3334
Trt	A	C	-0.8414	2.0799	115	-0.40	0.6866	0.05	-4.9613	3.2785
Trt	A	D	6.7307	2.9727	115	2.26	0.0254	0.05	0.8423	12.6191
Trt	B	C	-2.9918	2.1531	115	-1.39	0.1674	0.05	-7.2568	1.2731

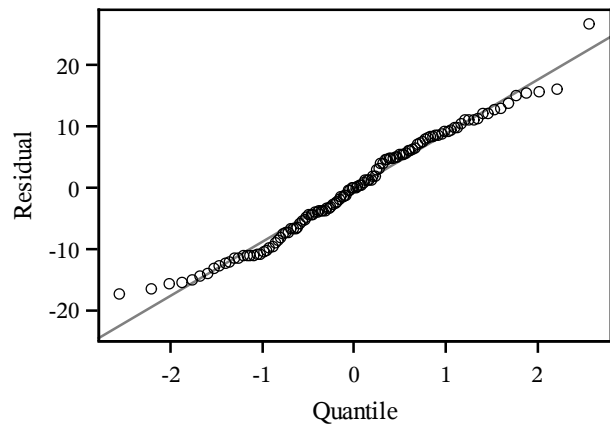
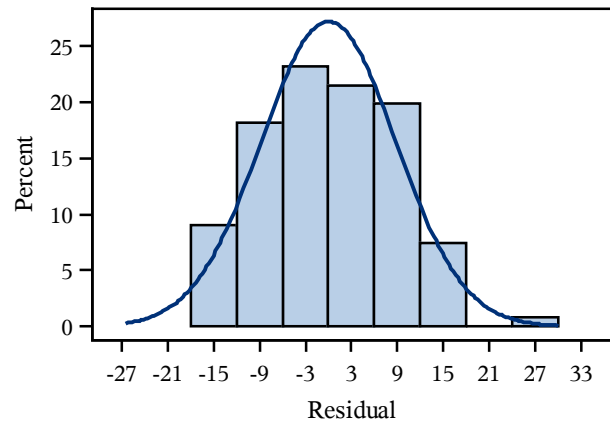
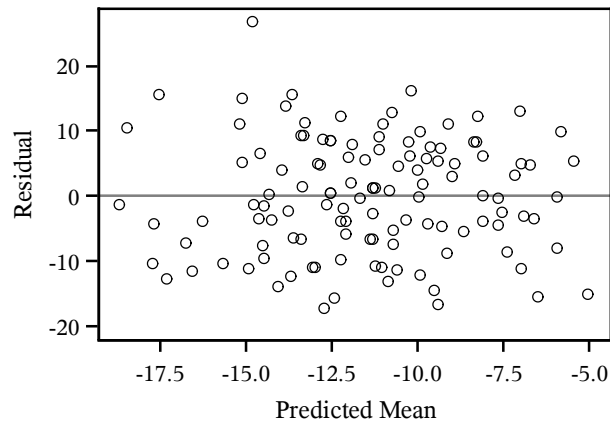
Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

The Mixed Procedure

StudyDay=21 StudySite=Hilltop-Winn Gender=M

Differences of Least Squares Means										
Effect	Trt	_Trt	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
Trt	B	D	4.5803	3.0223	115	1.52	0.1324	0.05	-1.4063	10.5669
Trt	C	D	7.5721	3.0043	115	2.52	0.0131	0.05	1.6213	13.5230

Residuals for DiffAsfsTotal

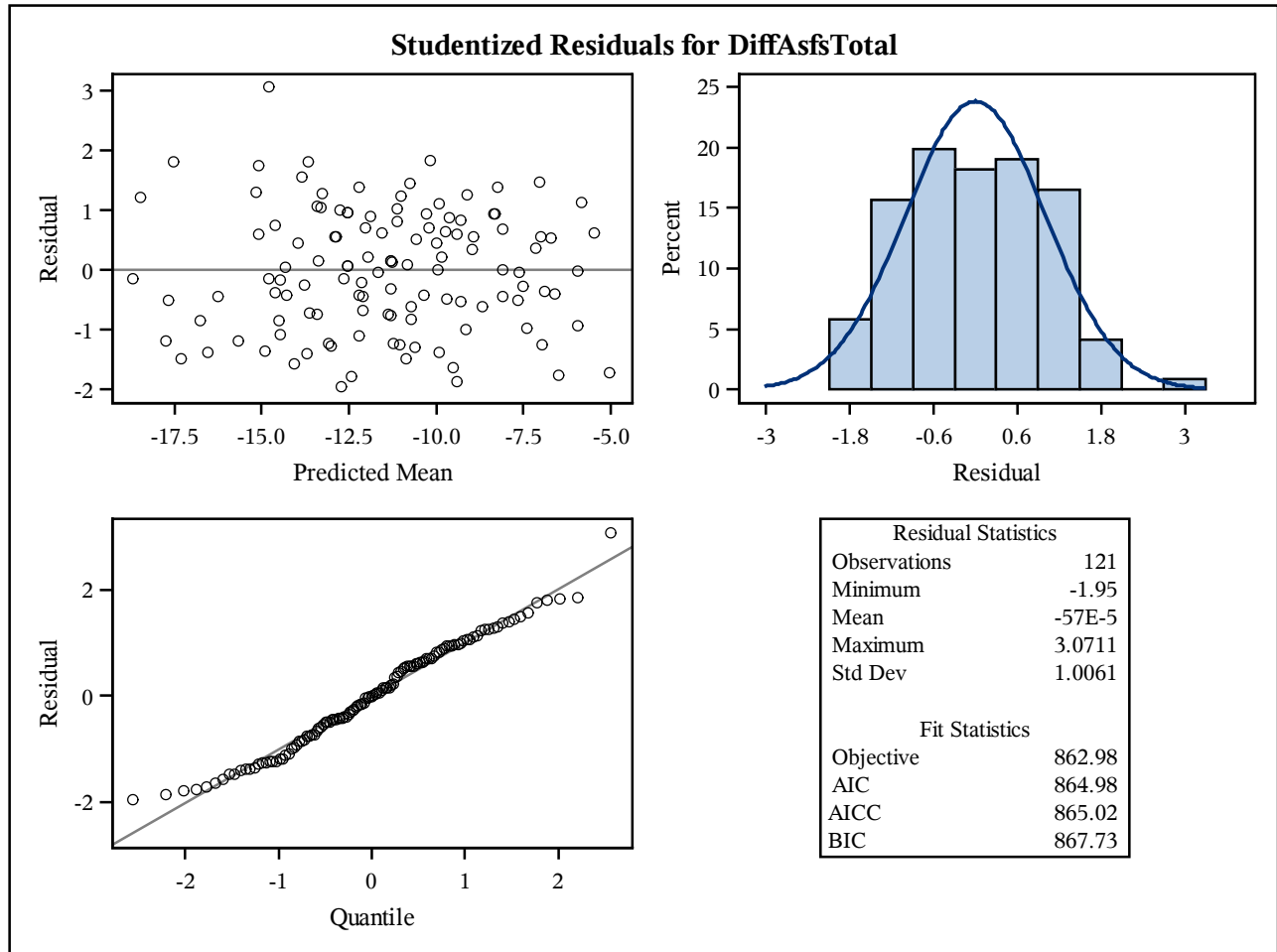


Residual Statistics	
Observations	121
Minimum	-17.28
Mean	-7E-16
Maximum	26.795
Std Dev	8.8062
Fit Statistics	
Objective	862.98
AIC	864.98
AICC	865.02
BIC	867.73

Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

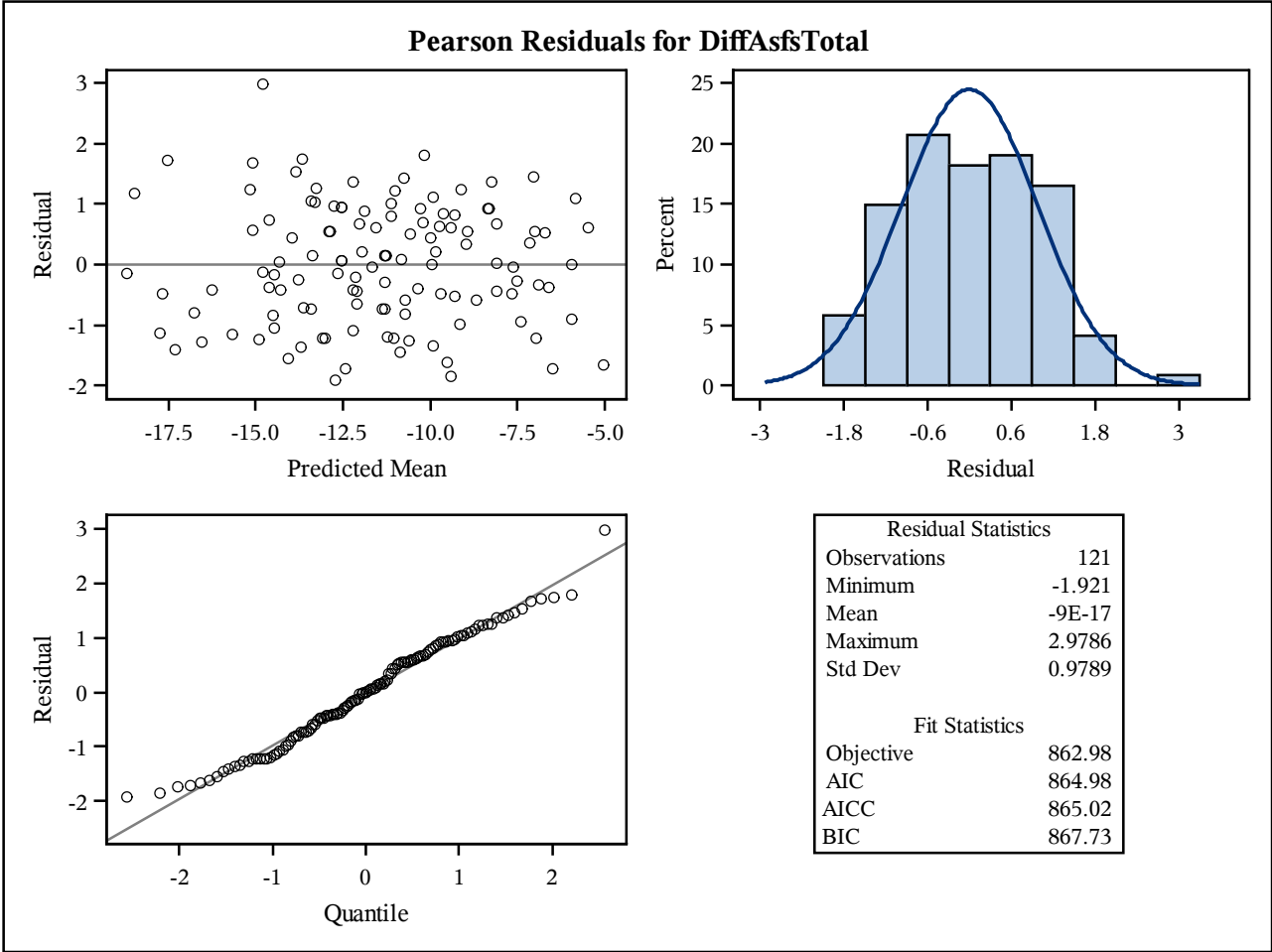
The Mixed Procedure

StudyDay=21 StudySite=Hilltop-Winn Gender=M



The Mixed Procedure

StudyDay=21 StudySite=Hilltop-Winn Gender=M



4

Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

Attribute	Studyday	Studysite	Gender	Sample Size	Treatment	Grouping*	Adjusted Mean	Change in Adjusted Mean	Standard Error
Total ASFS	Baseline	Bower	Female	44	[B] BC-171 BSOG Wacker	a	28.296	0.000	0.891
				46	[C] BC-178	a	29.009	0.000	0.871
				45	[A] BC-171 Aqua D	a	29.143	0.000	0.880
				15	[D] IT	a	29.941	0.000	1.525
			Male	7	[D] IT	a	30.324	0.000	3.260
				24	[A] BC-171 Aqua D	a	30.532	0.000	1.769
				23	[C] BC-178	a	30.824	0.000	1.821
				21	[B] BC-171 BSOG Wacker	a	32.763	0.000	1.876
		CRG	Female	11	[D] IT	a	27.980	0.000	1.676
				42	[C] BC-178	a	28.498	0.000	0.858
				38	[B] BC-171 BSOG Wacker	a	28.749	0.000	0.902
				39	[A] BC-171 Aqua D	a	28.945	0.000	0.891
			Male	26	[A] BC-171 Aqua D	a	29.571	0.000	1.394
				26	[C] BC-178	a	30.091	0.000	1.385
				8	[D] IT	a	30.277	0.000	2.501
				29	[B] BC-171 BSOG Wacker	a	31.054	0.000	1.309
		Hilltop-Winnepeg	Female	7	[D] IT	a	27.718	0.000	2.143
				27	[A] BC-171 Aqua D	a	29.037	0.000	1.089
				31	[C] BC-178	a	29.292	0.000	1.018
				29	[B] BC-171 BSOG Wacker	a	29.722	0.000	1.054
			Male	15	[D] IT	a	29.496	0.000	1.585
				42	[A] BC-171 Aqua D	a	29.534	0.000	0.946
				36	[B] BC-171 BSOG Wacker	a	29.822	0.000	1.021
				38	[C] BC-178	a	29.882	0.000	0.994
Total ASFS	Week 3	Bower	Female	15	[D] IT	a	14.075	-14.925	1.826
				44	[A] BC-171 Aqua D	b	17.992	-11.008	1.065
				46	[C] BC-178	c	21.890	-7.110	1.043
				43	[B] BC-171 BSOG Wacker	c	22.425	-6.575	1.080
			Male	23	[C] BC-178	a	16.751	-14.520	1.536
				21	[B] BC-171 BSOG Wacker	a	16.965	-14.305	1.586
				24	[A] BC-171 Aqua D	b	20.431	-10.839	1.489
				6	[D] IT	c	25.354	-5.917	2.984
		CRG	Female	10	[D] IT	a	7.921	-20.648	2.460
				38	[A] BC-171 Aqua D	b	18.384	-10.185	1.265

Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

[illegible]

Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

P-Values for Treatment Mean Pairwise Comparisons								
Studyday	Studysite	Gender	Treatment	[A] BC-171 Aqua D	[B] BC-171 BSOG Wacker	[C] BC-178	[D] IT	Treatment Code Key
Baseline	Bower	Female	[A] BC-171 Aqua D	-----	0.4998	0.9141	0.6512	[A] BC-171 Aqua D
			[B] BC-171 BSOG Wacker	0.4998	-----	0.5679	0.3528	[B] BC-171 BSOG Wacker
			[C] BC-178	0.9141	0.5679	-----	0.5967	[C] BC-178
			[D] IT	0.6512	0.3528	0.5967	-----	[D] IT
		Male	[A] BC-171 Aqua D	-----	0.3898	0.9099	0.9552	[A] BC-171 Aqua D
			[B] BC-171 BSOG Wacker	0.3898	-----	0.4608	0.5188	[B] BC-171 BSOG Wacker
			[C] BC-178	0.9099	0.4608	-----	0.8945	[C] BC-178
			[D] IT	0.9552	0.5188	0.8945	-----	[D] IT
	CRG	Female	[A] BC-171 Aqua D	-----	0.8775	0.7185	0.6120	[A] BC-171 Aqua D
			[B] BC-171 BSOG Wacker	0.8775	-----	0.8401	0.6870	[B] BC-171 BSOG Wacker
			[C] BC-178	0.7185	0.8401	-----	0.7841	[C] BC-178
			[D] IT	0.6120	0.6870	0.7841	-----	[D] IT
		Male	[A] BC-171 Aqua D	-----	0.4445	0.7939	0.8038	[A] BC-171 Aqua D
			[B] BC-171 BSOG Wacker	0.4445	-----	0.6121	0.7851	[B] BC-171 BSOG Wacker
			[C] BC-178	0.7939	0.6121	-----	0.9488	[C] BC-178
			[D] IT	0.8038	0.7851	0.9488	-----	[D] IT
	Hilltop-Winnepeg	Female	[A] BC-171 Aqua D	-----	0.6518	0.8646	0.5848	[A] BC-171 Aqua D
			[B] BC-171 BSOG Wacker	0.6518	-----	0.7699	0.4045	[B] BC-171 BSOG Wacker
			[C] BC-178	0.8646	0.7699	-----	0.5082	[C] BC-178
			[D] IT	0.5848	0.4045	0.5082	-----	[D] IT
		Male	[A] BC-171 Aqua D	-----	0.8368	0.8002	0.9834	[A] BC-171 Aqua D
			[B] BC-171 BSOG Wacker	0.8368	-----	0.9661	0.8632	[B] BC-171 BSOG Wacker
			[C] BC-178	0.8002	0.9661	-----	0.8368	[C] BC-178
			[D] IT	0.9834	0.8632	0.8368	-----	[D] IT
Week 3	Bower	Female	[A] BC-171 Aqua D	-----	0.0041*	0.0099*	0.0659*	[A] BC-171 Aqua D
			[B] BC-171 BSOG Wacker	0.0041*	-----	0.7222	0.0001*	[B] BC-171 BSOG Wacker
			[C] BC-178	0.0099*	0.7222	-----	0.0003*	[C] BC-178
			[D] IT	0.0659*	0.0001*	0.0003*	-----	[D] IT
		Male	[A] BC-171 Aqua D	-----	0.1168*	0.0932*	0.1418*	[A] BC-171 Aqua D

Study CRB 11-07-089 BC-171 ASFS Results by Study Site and Gender

P-Values for Treatment Mean Pairwise Comparisons								
Studyday	Studysite	Gender	Treatment	[A] BC-171 Aqua D	[B] BC-171 BSOG Wacker	[C] BC-178	[D] IT	Treatment Code Key
			[B] BC-171 BSOG Wacker	0.1168*	-----	0.9229	0.0156*	[B] BC-171 BSOG Wacker
			[C] BC-178	0.0932*	0.9229	-----	0.0135*	[C] BC-178
			[D] IT	0.1418*	0.0156*	0.0135*	-----	[D] IT
	CRG	Female	[A] BC-171 Aqua D	-----	0.0824*	0.8727	0.0003*	[A] BC-171 Aqua D
			[B] BC-171 BSOG Wacker	0.0824*	-----	0.1113*	<.0001*	[B] BC-171 BSOG Wacker
			[C] BC-178	0.8727	0.1113*	-----	0.0002*	[C] BC-178
			[D] IT	0.0003*	<.0001*	0.0002*	-----	[D] IT
		Male	[A] BC-171 Aqua D	-----	0.8593	0.9669	0.7479	[A] BC-171 Aqua D
			[B] BC-171 BSOG Wacker	0.8593	-----	0.8249	0.6592	[B] BC-171 BSOG Wacker
			[C] BC-178	0.9669	0.8249	-----	0.7765	[C] BC-178
			[D] IT	0.7479	0.6592	0.7765	-----	[D] IT
	Hilltop-Winnepeg	Female	[A] BC-171 Aqua D	-----	0.3484	0.2561	0.9301	[A] BC-171 Aqua D
			[B] BC-171 BSOG Wacker	0.3484	-----	0.0370*	0.4893	[B] BC-171 BSOG Wacker
			[C] BC-178	0.2561	0.0370*	-----	0.5213	[C] BC-178
			[D] IT	0.9301	0.4893	0.5213	-----	[D] IT
		Male	[A] BC-171 Aqua D	-----	0.3107	0.6866	0.0254*	[A] BC-171 Aqua D
			[B] BC-171 BSOG Wacker	0.3107	-----	0.1674*	0.1324*	[B] BC-171 BSOG Wacker
			[C] BC-178	0.6866	0.1674*	-----	0.0131*	[C] BC-178
			[D] IT	0.0254*	0.1324*	0.0131*	-----	[D] IT
A p-value with a '*' indicates a significant difference between treatments (P<=0.2).								