

The SAS System

Obs	PLOT	T	BLK	TRT	PCTSEV	Y	YSTAR	WT
1	101	0	1	2	9	0.09	-2.31363	0.0819
2	102	0	1	1	6	0.06	-2.75154	0.0564
3	103	0	1	3	2	0.02	-3.89182	0.0196
4	201	0	2	2	7	0.07	-2.58669	0.0651
5	202	0	2	3	5	0.05	-2.94444	0.0475
6	203	0	2	1	3	0.03	-3.47610	0.0291
7	301	0	3	3	4	0.04	-3.17805	0.0384
8	302	0	3	2	2	0.02	-3.89182	0.0196
9	303	0	3	1	6	0.06	-2.75154	0.0564
10	401	0	4	1	1	0.01	-4.59512	0.0099
11	402	0	4	2	1	0.01	-4.59512	0.0099
12	403	0	4	3	4	0.04	-3.17805	0.0384
13	101	7	1	2	4	0.04	-3.17805	0.0384
14	102	7	1	1	6	0.06	-2.75154	0.0564
15	103	7	1	3	10	0.10	-2.19722	0.0900
16	201	7	2	2	2	0.02	-3.89182	0.0196
17	202	7	2	3	5	0.05	-2.94444	0.0475
18	203	7	2	1	3	0.03	-3.47610	0.0291
19	301	7	3	3	11	0.11	-2.09074	0.0979
20	302	7	3	2	6	0.06	-2.75154	0.0564
21	303	7	3	1	4	0.04	-3.17805	0.0384
22	401	7	4	1	8	0.08	-2.44235	0.0736
23	402	7	4	2	3	0.03	-3.47610	0.0291
24	403	7	4	3	6	0.06	-2.75154	0.0564
25	101	14	1	2	8	0.08	-2.44235	0.0736
26	102	14	1	1	20	0.20	-1.38629	0.1600
27	103	14	1	3	15	0.15	-1.73460	0.1275
28	201	14	2	2	13	0.13	-1.90096	0.1131
29	202	14	2	3	12	0.12	-1.99243	0.1056
30	203	14	2	1	14	0.14	-1.81529	0.1204
31	301	14	3	3	15	0.15	-1.73460	0.1275
32	302	14	3	2	8	0.08	-2.44235	0.0736
33	303	14	3	1	25	0.25	-1.09861	0.1875
34	401	14	4	1	17	0.17	-1.58563	0.1411
35	402	14	4	2	14	0.14	-1.81529	0.1204
36	403	14	4	3	49	0.49	-0.04001	0.2499
37	101	21	1	2	24	0.24	-1.15268	0.1824
38	102	21	1	1	38	0.38	-0.48955	0.2356
39	103	21	1	3	61	0.61	0.44731	0.2379
40	201	21	2	2	31	0.31	-0.80012	0.2139
41	202	21	2	3	42	0.42	-0.32277	0.2436

42	203	21	2	1	79	0.79	1.32493	0.1659
43	301	21	3	3	48	0.48	-0.08004	0.2496
44	302	21	3	2	23	0.23	-1.20831	0.1771
45	303	21	3	1	86	0.86	1.81529	0.1204
46	401	21	4	1	52	0.52	0.08004	0.2496
47	402	21	4	2	45	0.45	-0.20067	0.2475
48	403	21	4	3	56	0.56	0.24116	0.2464
49	101	28	1	2	28	0.28	-0.94446	0.2016
50	102	28	1	1	89	0.89	2.09074	0.0979
51	103	28	1	3	44	0.44	-0.24116	0.2464
52	201	28	2	2	41	0.41	-0.36397	0.2419
53	202	28	2	3	49	0.49	-0.04001	0.2499
54	203	28	2	1	79	0.79	1.32493	0.1659
55	301	28	3	3	45	0.45	-0.20067	0.2475
56	302	28	3	2	47	0.47	-0.12014	0.2491
57	303	28	3	1	63	0.63	0.53222	0.2331
58	401	28	4	1	94	0.94	2.75154	0.0564
59	402	28	4	2	52	0.52	0.08004	0.2496
60	403	28	4	3	64	0.64	0.57536	0.2304
61	101	35	1	2	36	0.36	-0.57536	0.2304
62	102	35	1	1	77	0.77	1.20831	0.1771
63	103	35	1	3	88	0.88	1.99243	0.1056
64	201	35	2	2	42	0.42	-0.32277	0.2436
65	202	35	2	3	69	0.69	0.80012	0.2139
66	203	35	2	1	71	0.71	0.89538	0.2059
67	301	35	3	3	43	0.43	-0.28185	0.2451
68	302	35	3	2	39	0.39	-0.44731	0.2379
69	303	35	3	1	84	0.84	1.65823	0.1344
70	401	35	4	1	97	0.97	3.47610	0.0291
71	402	35	4	2	47	0.47	-0.12014	0.2491
72	403	35	4	3	76	0.76	1.15268	0.1824

The SAS System

The Mixed Procedure

Model Information	
Data Set	WORK.A
Dependent Variable	YSTAR
Weight Variable	WT
Covariance Structures	Variance Components, Autoregressive
Subject Effect	BLK*TRT
Estimation Method	REML
Residual Variance Method	Profile
Fixed Effects SE Method	Model-Based
Degrees of Freedom Method	Between-Within

Class Level Information		
Class	Levels	Values
BLK	4	1 2 3 4
TRT	3	1 2 3

Dimensions	
Covariance Parameters	3
Columns in X	8
Columns in Z	4
Subjects	1
Max Obs per Subject	72

Number of Observations	
Number of Observations Read	72
Number of Observations Used	72
Number of Observations Not Used	0

Iteration History			
Iteration	Evaluations	-2 Res Log Like	Criterion
0	1	192.28596787	
1	2	190.52569900	0.00000001

Convergence criteria met.

Estimated R Matrix for BLK*TRT 1 1/Weighted by WT						
Row	Col1	Col2	Col3	Col4	Col5	Col6
1	1.1255	0.06984	0.002573	0.000132	0.000013	5.843E-7
2	0.06984	1.1255	0.04147	0.002120	0.000204	9.416E-6
3	0.002573	0.04147	0.3968	0.02029	0.001953	0.000090
4	0.000132	0.002120	0.02029	0.2694	0.02594	0.001197
5	0.000013	0.000204	0.001953	0.02594	0.6484	0.02991

6	5.843E-7	9.416E-6	0.000090	0.001197	0.02991	0.3584
---	----------	----------	----------	----------	---------	--------

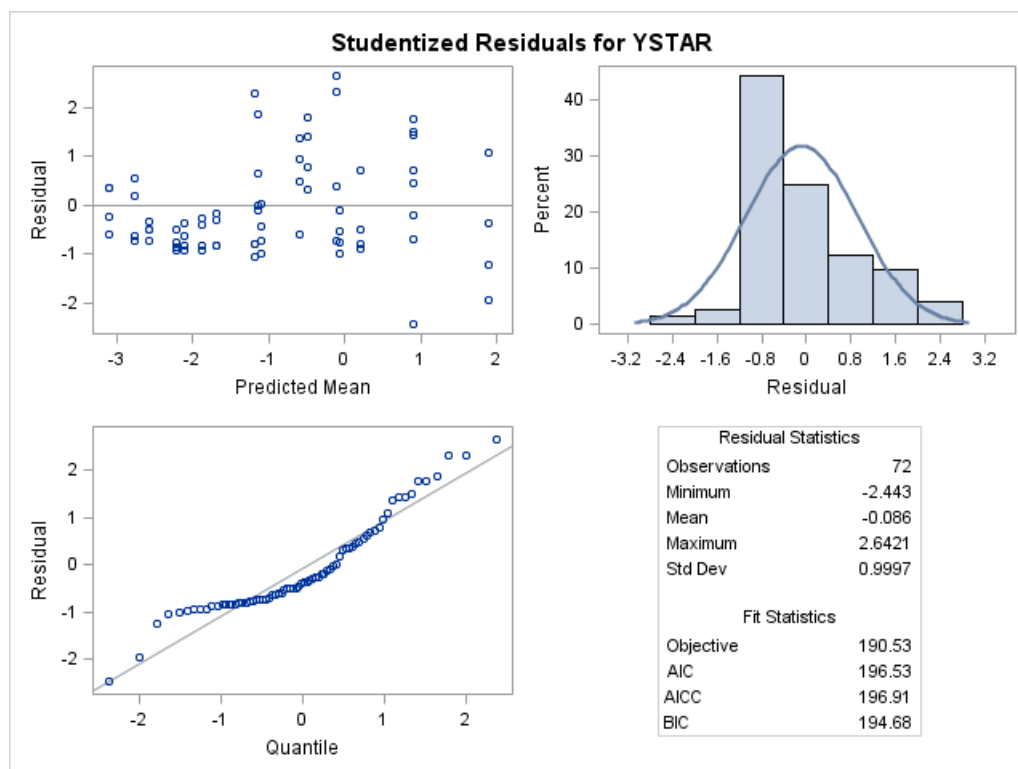
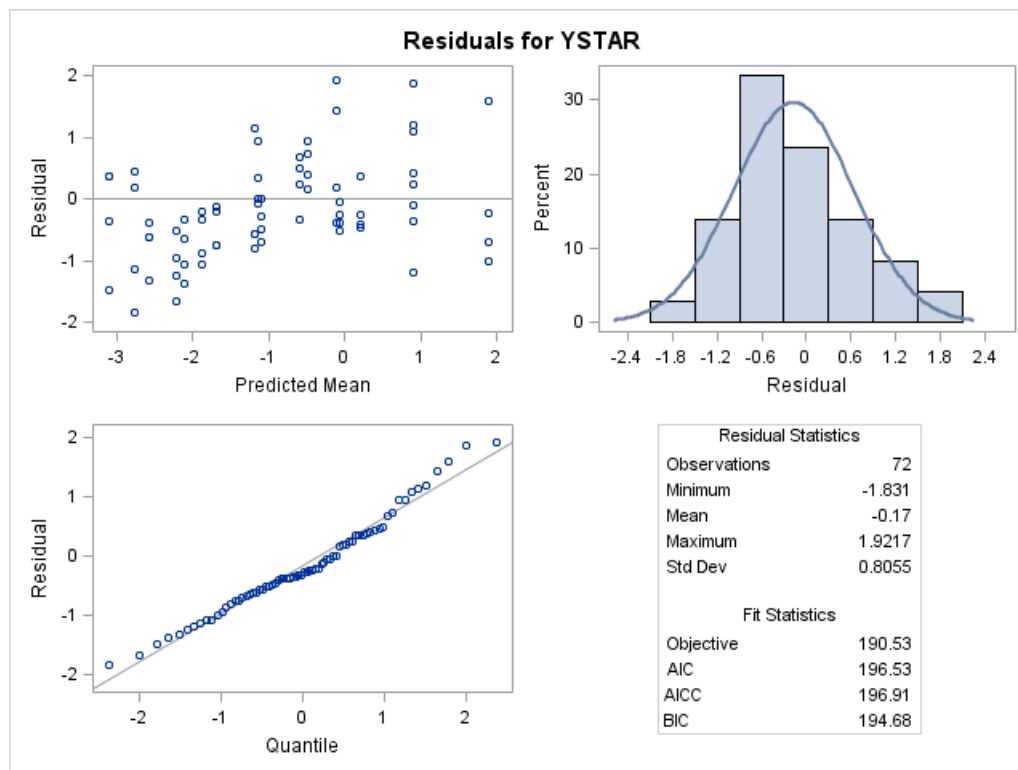
Estimated R Correlation Matrix for BLK*TRT 1 1/Weighted by WT						
Row	Col1	Col2	Col3	Col4	Col5	Col6
1	1.0000	0.06205	0.003850	0.000239	0.000015	9.198E-7
2	0.06205	1.0000	0.06205	0.003850	0.000239	0.000015
3	0.003850	0.06205	1.0000	0.06205	0.003850	0.000239
4	0.000239	0.003850	0.06205	1.0000	0.06205	0.003850
5	0.000015	0.000239	0.003850	0.06205	1.0000	0.06205
6	9.198E-7	0.000015	0.000239	0.003850	0.06205	1.0000

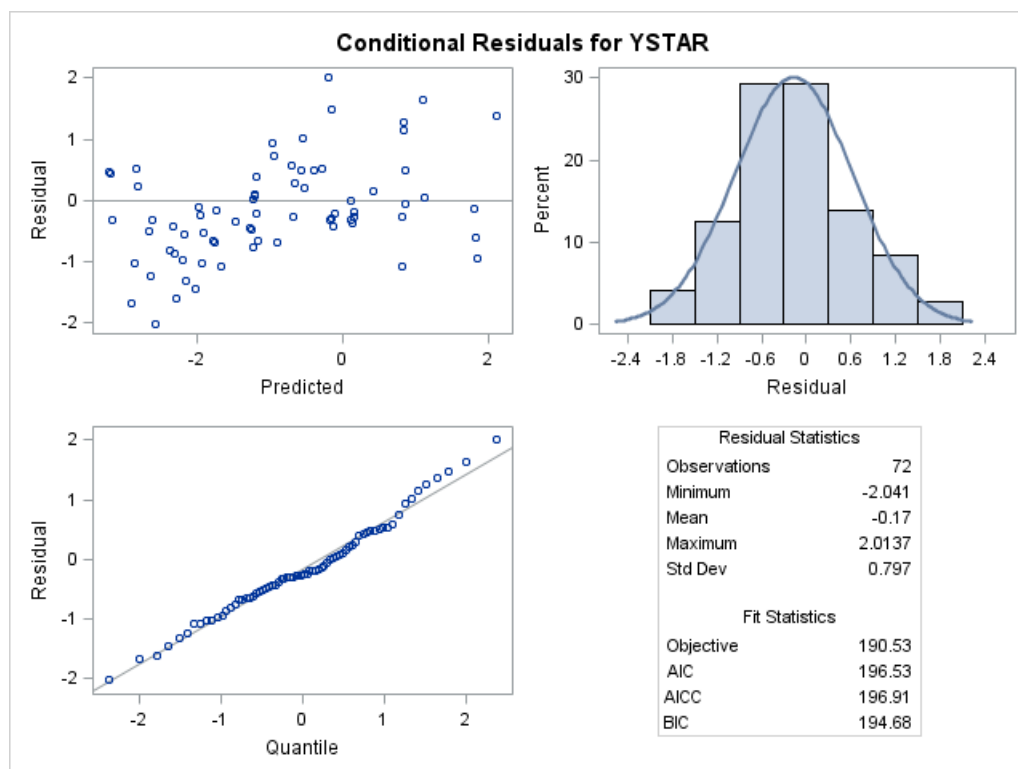
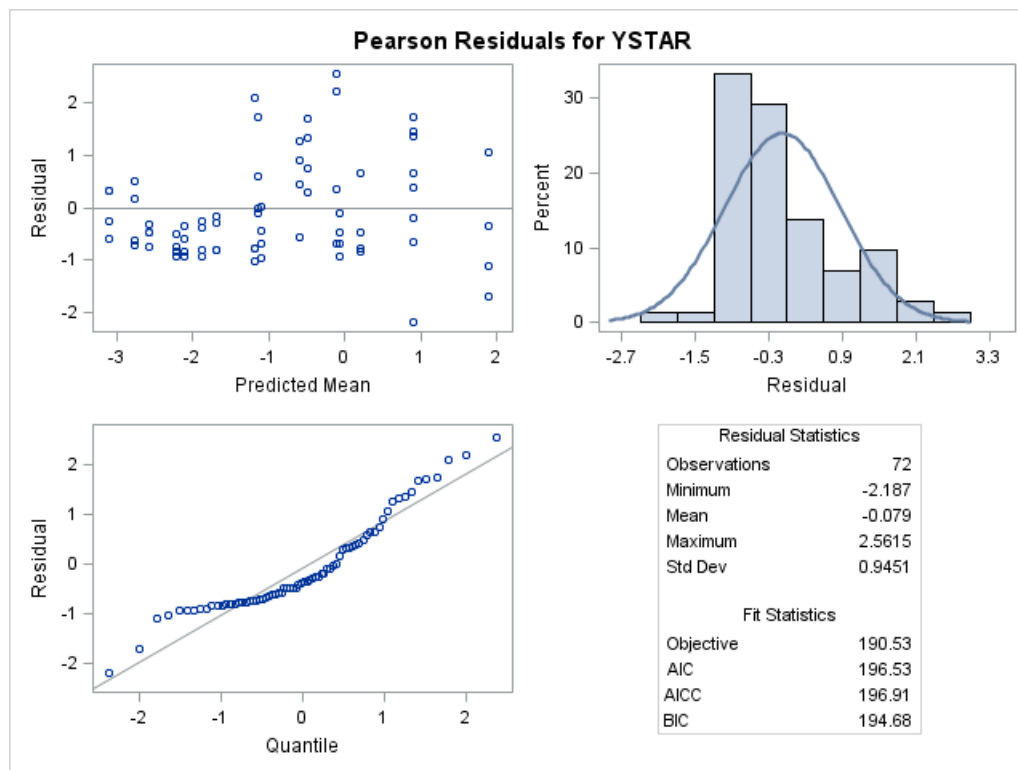
Covariance Parameter Estimates					
Cov Parm	Subject	Estimate	Standard Error	Z Value	Pr Z
BLK		0.03558	0.05317	0.67	0.2517
AR(1)	BLK*TRT	0.06205	0.1560	0.40	0.6908
Residual		0.06348	0.01172	5.42	<.0001

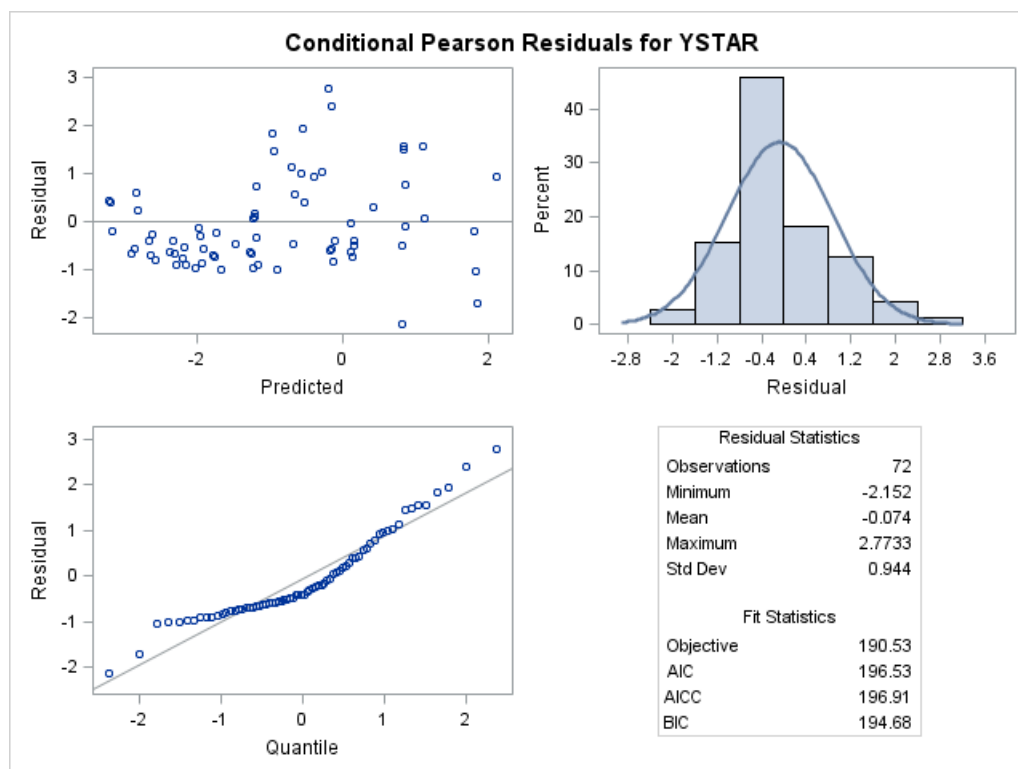
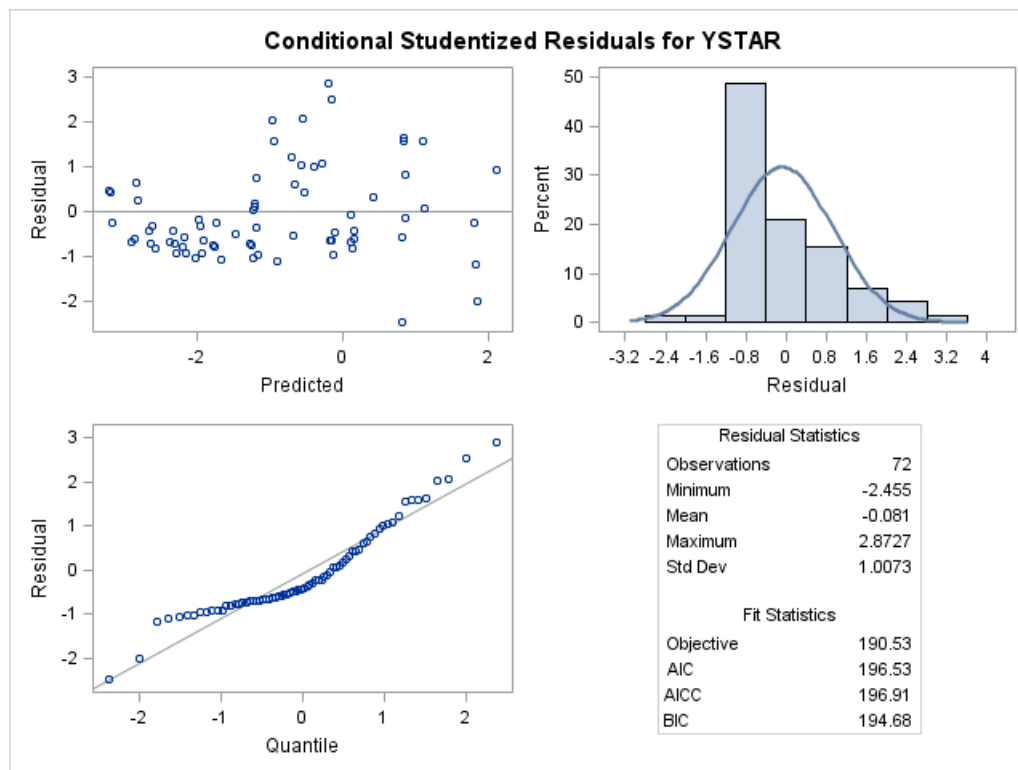
Fit Statistics	
-2 Res Log Likelihood	190.5
AIC (Smaller is Better)	196.5
AICC (Smaller is Better)	196.9
BIC (Smaller is Better)	194.7

Solution for Fixed Effects						
Effect	TRT	Estimate	Standard Error	DF	t Value	Pr > t
Intercept		-2.5690	0.3630	9	-7.08	<.0001
TRT	1	-0.5406	0.5136	9	-1.05	0.3200
TRT	2	-0.1948	0.5193	9	-0.38	0.7162
TRT	3	0
T		0.09927	0.01422	57	6.98	<.0001
T*TRT	1	0.04374	0.02127	57	2.06	0.0443
T*TRT	2	-0.02217	0.02030	57	-1.09	0.2794
T*TRT	3	0

Type 3 Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
TRT	2	9	0.56	0.5892
T	1	57	153.62	<.0001
T*TRT	2	57	4.80	0.0118







The SAS System

The Mixed Procedure

Model Information	
Data Set	WORK.A
Dependent Variable	YSTAR
Weight Variable	WT
Covariance Structures	Variance Components, Autoregressive
Subject Effect	BLK*TRT
Estimation Method	REML
Residual Variance Method	Profile
Fixed Effects SE Method	Model-Based
Degrees of Freedom Method	Between-Within

Class Level Information		
Class	Levels	Values
BLK	4	1 2 3 4
TRT	3	1 2 3

Dimensions	
Covariance Parameters	3
Columns in X	6
Columns in Z	4
Subjects	1
Max Obs per Subject	72

Number of Observations	
Number of Observations Read	72
Number of Observations Used	72
Number of Observations Not Used	0

Iteration History			
Iteration	Evaluations	-2 Res Log Like	Criterion
0	1	192.28596787	
1	2	190.52569900	0.00000001

Convergence criteria met.

Covariance Parameter Estimates		
Cov Parm	Subject	Estimate
BLK		0.03558
AR(1)	BLK*TRT	0.06205
Residual		0.06348

Fit Statistics	
-2 Res Log Likelihood	190.5

AIC (Smaller is Better)	196.5
AICC (Smaller is Better)	196.9
BIC (Smaller is Better)	194.7

Solution for Fixed Effects						
Effect	TRT	Estimate	Standard Error	DF	t Value	Pr > t
TRT	1	-3.1096	0.3878	9	-8.02	<.0001
TRT	2	-2.7638	0.3945	9	-7.01	<.0001
TRT	3	-2.5690	0.3630	9	-7.08	<.0001
T*TRT	1	0.1430	0.01586	57	9.02	<.0001
T*TRT	2	0.07710	0.01449	57	5.32	<.0001
T*TRT	3	0.09927	0.01422	57	6.98	<.0001

Type 3 Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
TRT	3	9	48.58	<.0001
T*TRT	3	57	52.75	<.0001

Estimates					
Label	Estimate	Standard Error	DF	t Value	Pr > t
TRT1 S VS TRT2 S	0.06591	0.02149	57	3.07	0.0033
TRT1 S VS TRT3 S	0.04374	0.02127	57	2.06	0.0443
TRT2 S VS TRT3 S	-0.02217	0.02030	57	-1.09	0.2794

Least Squares Means							
Effect	TRT	T	Estimate	Standard Error	DF	t Value	Pr > t
TRT	1	0.00	-3.1096	0.3878	9	-8.02	<.0001
TRT	2	0.00	-2.7638	0.3945	9	-7.01	<.0001
TRT	3	0.00	-2.5690	0.3630	9	-7.08	<.0001
TRT	1	7.00	-2.1085	0.2947	9	-7.15	<.0001
TRT	2	7.00	-2.2241	0.3063	9	-7.26	<.0001
TRT	3	7.00	-1.8741	0.2783	9	-6.73	<.0001
TRT	1	14.00	-1.1074	0.2192	9	-5.05	0.0007
TRT	2	14.00	-1.6844	0.2294	9	-7.34	<.0001
TRT	3	14.00	-1.1792	0.2073	9	-5.69	0.0003
TRT	1	21.00	-0.1064	0.1839	9	-0.58	0.5772
TRT	2	21.00	-1.1447	0.1788	9	-6.40	0.0001
TRT	3	21.00	-0.4844	0.1683	9	-2.88	0.0182
TRT	1	28.00	0.8947	0.2104	9	4.25	0.0021
TRT	2	28.00	-0.6050	0.1786	9	-3.39	0.0080
TRT	3	28.00	0.2105	0.1829	9	1.15	0.2795
TRT	1	35.00	1.8958	0.2816	9	6.73	<.0001
TRT	2	35.00	-0.06536	0.2289	9	-0.29	0.7817

TRT	3	35.00	0.9054	0.2417	9	3.75	0.0046
-----	---	-------	--------	--------	---	------	--------

Differences of Least Squares Means								
Effect	TRT	_TRT	T	Estimate	Standard Error	DF	t Value	Pr > t
TRT	1	2	0.00	-0.3458	0.5371	9	-0.64	0.5357
TRT	1	3	0.00	-0.5406	0.5136	9	-1.05	0.3200
TRT	2	3	0.00	-0.1948	0.5193	9	-0.38	0.7162
TRT	1	2	7.00	0.1156	0.4038	9	0.29	0.7811
TRT	1	3	7.00	-0.2344	0.3825	9	-0.61	0.5552
TRT	2	3	7.00	-0.3500	0.3919	9	-0.89	0.3950
TRT	1	2	14.00	0.5770	0.2879	9	2.00	0.0760
TRT	1	3	14.00	0.07180	0.2705	9	0.27	0.7967
TRT	2	3	14.00	-0.5052	0.2790	9	-1.81	0.1036
TRT	1	2	21.00	1.0384	0.2191	9	4.74	0.0011
TRT	1	3	21.00	0.3780	0.2107	9	1.79	0.1064
TRT	2	3	21.00	-0.6604	0.2061	9	-3.20	0.0108
TRT	1	2	28.00	1.4998	0.2417	9	6.20	0.0002
TRT	1	3	28.00	0.6842	0.2448	9	2.79	0.0209
TRT	2	3	28.00	-0.8156	0.2180	9	-3.74	0.0046
TRT	1	2	35.00	1.9611	0.3378	9	5.81	0.0003
TRT	1	3	35.00	0.9904	0.3462	9	2.86	0.0187
TRT	2	3	35.00	-0.9707	0.3049	9	-3.18	0.0111

The SAS System

Obs	PLOT	T	BLK	TRT	PCTSEV	Y	YSTAR	WT	Pred	StdErrPred	DF	Alpha	Lower	Upper	Resid
1	101	0	1	2	9	0.09	-2.31363	0.0819	-2.76380	0.39447	66	0.05	-3.55139	-1.97621	0.45017
2	102	0	1	1	6	0.06	-2.75154	0.0564	-3.10959	0.38776	66	0.05	-3.88377	-2.33540	0.35805
3	103	0	1	3	2	0.02	-3.89182	0.0196	-2.56898	0.36295	66	0.05	-3.29364	-1.84432	-1.32284
4	201	0	2	2	7	0.07	-2.58669	0.0651	-2.76380	0.39447	66	0.05	-3.55139	-1.97621	0.17711
5	202	0	2	3	5	0.05	-2.94444	0.0475	-2.56898	0.36295	66	0.05	-3.29364	-1.84432	-0.37546
6	203	0	2	1	3	0.03	-3.47610	0.0291	-3.10959	0.38776	66	0.05	-3.88377	-2.33540	-0.36651
7	301	0	3	3	4	0.04	-3.17805	0.0384	-2.56898	0.36295	66	0.05	-3.29364	-1.84432	-0.60907
8	302	0	3	2	2	0.02	-3.89182	0.0196	-2.76380	0.39447	66	0.05	-3.55139	-1.97621	-1.12802
9	303	0	3	1	6	0.06	-2.75154	0.0564	-3.10959	0.38776	66	0.05	-3.88377	-2.33540	0.35805
10	401	0	4	1	1	0.01	-4.59512	0.0099	-3.10959	0.38776	66	0.05	-3.88377	-2.33540	-1.48553
11	402	0	4	2	1	0.01	-4.59512	0.0099	-2.76380	0.39447	66	0.05	-3.55139	-1.97621	-1.83132
12	403	0	4	3	4	0.04	-3.17805	0.0384	-2.56898	0.36295	66	0.05	-3.29364	-1.84432	-0.60907
13	101	7	1	2	4	0.04	-3.17805	0.0384	-2.22411	0.30630	66	0.05	-2.83566	-1.61256	-0.95394
14	102	7	1	1	6	0.06	-2.75154	0.0564	-2.10851	0.29474	66	0.05	-2.69699	-1.52004	-0.64302
15	103	7	1	3	10	0.10	-2.19722	0.0900	-1.87411	0.27830	66	0.05	-2.42975	-1.31847	-0.32311
16	201	7	2	2	2	0.02	-3.89182	0.0196	-2.22411	0.30630	66	0.05	-2.83566	-1.61256	-1.66771
17	202	7	2	3	5	0.05	-2.94444	0.0475	-1.87411	0.27830	66	0.05	-2.42975	-1.31847	-1.07033
18	203	7	2	1	3	0.03	-3.47610	0.0291	-2.10851	0.29474	66	0.05	-2.69699	-1.52004	-1.36758
19	301	7	3	3	11	0.11	-2.09074	0.0979	-1.87411	0.27830	66	0.05	-2.42975	-1.31847	-0.21663
20	302	7	3	2	6	0.06	-2.75154	0.0564	-2.22411	0.30630	66	0.05	-2.83566	-1.61256	-0.52742
21	303	7	3	1	4	0.04	-3.17805	0.0384	-2.10851	0.29474	66	0.05	-2.69699	-1.52004	-1.06954
22	401	7	4	1	8	0.08	-2.44235	0.0736	-2.10851	0.29474	66	0.05	-2.69699	-1.52004	-0.33383
23	402	7	4	2	3	0.03	-3.47610	0.0291	-2.22411	0.30630	66	0.05	-2.83566	-1.61256	-1.25199
24	403	7	4	3	6	0.06	-2.75154	0.0564	-1.87411	0.27830	66	0.05	-2.42975	-1.31847	-0.87743
25	101	14	1	2	8	0.08	-2.44235	0.0736	-1.68443	0.22936	66	0.05	-2.14235	-1.22650	-0.75792
26	102	14	1	1	20	0.20	-1.38629	0.1600	-1.10744	0.21915	66	0.05	-1.54500	-0.66989	-0.27885
27	103	14	1	3	15	0.15	-1.73460	0.1275	-1.17924	0.20731	66	0.05	-1.59314	-0.76534	-0.55536
28	201	14	2	2	13	0.13	-1.90096	0.1131	-1.68443	0.22936	66	0.05	-2.14235	-1.22650	-0.21653
29	202	14	2	3	12	0.12	-1.99243	0.1056	-1.17924	0.20731	66	0.05	-1.59314	-0.76534	-0.81319
30	203	14	2	1	14	0.14	-1.81529	0.1204	-1.10744	0.21915	66	0.05	-1.54500	-0.66989	-0.70785
31	301	14	3	3	15	0.15	-1.73460	0.1275	-1.17924	0.20731	66	0.05	-1.59314	-0.76534	-0.55536
32	302	14	3	2	8	0.08	-2.44235	0.0736	-1.68443	0.22936	66	0.05	-2.14235	-1.22650	-0.75792
33	303	14	3	1	25	0.25	-1.09861	0.1875	-1.10744	0.21915	66	0.05	-1.54500	-0.66989	0.00883
34	401	14	4	1	17	0.17	-1.58563	0.1411	-1.10744	0.21915	66	0.05	-1.54500	-0.66989	-0.47818
35	402	14	4	2	14	0.14	-1.81529	0.1204	-1.68443	0.22936	66	0.05	-2.14235	-1.22650	-0.13086
36	403	14	4	3	49	0.49	-0.04001	0.2499	-1.17924	0.20731	66	0.05	-1.59314	-0.76534	1.13923
37	101	21	1	2	24	0.24	-1.15268	0.1824	-1.14474	0.17878	66	0.05	-1.50169	-0.78778	-0.00794
38	102	21	1	1	38	0.38	-0.48955	0.2356	-0.10637	0.18391	66	0.05	-0.47355	0.26081	-0.38318
39	103	21	1	3	61	0.61	0.44731	0.2379	-0.48437	0.16826	66	0.05	-0.82031	-0.14843	0.93168
40	201	21	2	2	31	0.31	-0.80012	0.2139	-1.14474	0.17878	66	0.05	-1.50169	-0.78778	0.34462

41	202	21	2	3	42	0.42	-0.32277	0.2436	-0.48437	0.16826	66	0.05	-0.82031	-0.14843	0.16159
42	203	21	2	1	79	0.79	1.32493	0.1659	-0.10637	0.18391	66	0.05	-0.47355	0.26081	1.43130
43	301	21	3	3	48	0.48	-0.08004	0.2496	-0.48437	0.16826	66	0.05	-0.82031	-0.14843	0.40432
44	302	21	3	2	23	0.23	-1.20831	0.1771	-1.14474	0.17878	66	0.05	-1.50169	-0.78778	-0.06357
45	303	21	3	1	86	0.86	1.81529	0.1204	-0.10637	0.18391	66	0.05	-0.47355	0.26081	1.92166
46	401	21	4	1	52	0.52	0.08004	0.2496	-0.10637	0.18391	66	0.05	-0.47355	0.26081	0.18641
47	402	21	4	2	45	0.45	-0.20067	0.2475	-1.14474	0.17878	66	0.05	-1.50169	-0.78778	0.94407
48	403	21	4	3	56	0.56	0.24116	0.2464	-0.48437	0.16826	66	0.05	-0.82031	-0.14843	0.72553
49	101	28	1	2	28	0.28	-0.94446	0.2016	-0.60505	0.17860	66	0.05	-0.96163	-0.24847	-0.33941
50	102	28	1	1	89	0.89	2.09074	0.0979	0.89470	0.21037	66	0.05	0.47469	1.31471	1.19604
51	103	28	1	3	44	0.44	-0.24116	0.2464	0.21051	0.18291	66	0.05	-0.15469	0.57570	-0.45167
52	201	28	2	2	41	0.41	-0.36397	0.2419	-0.60505	0.17860	66	0.05	-0.96163	-0.24847	0.24108
53	202	28	2	3	49	0.49	-0.04001	0.2499	0.21051	0.18291	66	0.05	-0.15469	0.57570	-0.25051
54	203	28	2	1	79	0.79	1.32493	0.1659	0.89470	0.21037	66	0.05	0.47469	1.31471	0.43022
55	301	28	3	3	45	0.45	-0.20067	0.2475	0.21051	0.18291	66	0.05	-0.15469	0.57570	-0.41118
56	302	28	3	2	47	0.47	-0.12014	0.2491	-0.60505	0.17860	66	0.05	-0.96163	-0.24847	0.48491
57	303	28	3	1	63	0.63	0.53222	0.2331	0.89470	0.21037	66	0.05	0.47469	1.31471	-0.36248
58	401	28	4	1	94	0.94	2.75154	0.0564	0.89470	0.21037	66	0.05	0.47469	1.31471	1.85683
59	402	28	4	2	52	0.52	0.08004	0.2496	-0.60505	0.17860	66	0.05	-0.96163	-0.24847	0.68509
60	403	28	4	3	64	0.64	0.57536	0.2304	0.21051	0.18291	66	0.05	-0.15469	0.57570	0.36486
61	101	35	1	2	36	0.36	-0.57536	0.2304	-0.06536	0.22892	66	0.05	-0.52242	0.39169	-0.51000
62	102	35	1	1	77	0.77	1.20831	0.1771	1.89577	0.28165	66	0.05	1.33344	2.45810	-0.68746
63	103	35	1	3	88	0.88	1.99243	0.1056	0.90538	0.24169	66	0.05	0.42283	1.38792	1.08705
64	201	35	2	2	42	0.42	-0.32277	0.2436	-0.06536	0.22892	66	0.05	-0.52242	0.39169	-0.25741
65	202	35	2	3	69	0.69	0.80012	0.2139	0.90538	0.24169	66	0.05	0.42283	1.38792	-0.10526
66	203	35	2	1	71	0.71	0.89538	0.2059	1.89577	0.28165	66	0.05	1.33344	2.45810	-1.00039
67	301	35	3	3	43	0.43	-0.28185	0.2451	0.90538	0.24169	66	0.05	0.42283	1.38792	-1.18723
68	302	35	3	2	39	0.39	-0.44731	0.2379	-0.06536	0.22892	66	0.05	-0.52242	0.39169	-0.38195
69	303	35	3	1	84	0.84	1.65823	0.1344	1.89577	0.28165	66	0.05	1.33344	2.45810	-0.23754
70	401	35	4	1	97	0.97	3.47610	0.0291	1.89577	0.28165	66	0.05	1.33344	2.45810	1.58033
71	402	35	4	2	47	0.47	-0.12014	0.2491	-0.06536	0.22892	66	0.05	-0.52242	0.39169	-0.05478
72	403	35	4	3	76	0.76	1.15268	0.1824	0.90538	0.24169	66	0.05	0.42283	1.38792	0.24730

The SAS System

The REG Procedure
Model: MODEL1
Dependent Variable: YSTAR

Number of Observations Read	72
Number of Observations Used	72

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	203.84793	203.84793	371.02	<.0001
Error	70	38.45976	0.54943		
Corrected Total	71	242.30769			

Root MSE	0.74123	R-Square	0.8413
Dependent Mean	-1.12135	Adj R-Sq	0.8390
Coeff Var	-66.10194		

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	Intercept	1	0.05756	0.10666	0.54	0.5912
Pred	Predicted Mean	1	1.23952	0.06435	19.26	<.0001

The SAS System

The REG Procedure
Model: MODEL1
Dependent Variable: YSTAR

