```
data wide_lead;
input ID TRT $ PB1 - PB4;
datalines;
  1       P      30.8     26.9     25.8     23.8
  2       A      26.5     14.8     19.5     21.0
……..
100       A      20.7      8.1     25.7     12.3
;
run;

data long_lead;
  set wide_lead;
  array APB(1:4) PB1-PB4;
  array Aweek(1:4) (0 1 4 6);
  do i=1 to 4;
   PB = APB[i];
   week = Aweek[i];
   output;
  end;
  drop PB1-PB4 Aweek1 - Aweek4 i;
run;

proc mixed data=long_lead;
class ID TRT week;
model PB = TRT week week*TRT/s;
repeated week/type=VC subject=ID r rcorr;
run;
```

Model Information	
Data Set	WORK.LONG_LEAD
Dependent Variable	PB
Covariance Structure	Variance Components
Subject Effect	ID
Estimation Method	REML
Residual Variance Method	Parameter
Fixed Effects SE Method	Model-Based
Degrees of Freedom Method	Between-Within

Class Level Information		
Class	**Levels**	**Values**
TRT	2	A P
week	4	0 1 4 6

Dimensions	
Covariance Parameters	1
Columns in X	15
Columns in Z	0
Subjects	100
Max Obs per Subject	4

Number of Observations	
Number of Observations Read	400
Number of Observations Used	400
Number of Observations Not Used	0

Iteration History			
Iteration	**Evaluations**	**-2 Res Log Like**	**Criterion**
0	1	2626.25517748	
1	1	2626.25517748	0.00000000

Estimated R Matrix for Subject 1				
Row	**Col1**	**Col2**	**Col3**	**Col4**
1	43.9001			
2		43.9001		
3			43.9001	
4				43.9001

Estimated R Correlation Matrix for Subject 1				
Row	**Col1**	**Col2**	**Col3**	**Col4**
1	1.0000			
2		1.0000		
3			1.0000	
4				1.0000

Covariance Parameter Estimates		
Cov Parm	**Subject**	**Estimate**
week	ID	43.9001

Fit Statistics	
-2 Res Log Likelihood	2626.3
AIC (Smaller is Better)	2628.3
AICC (Smaller is Better)	2628.3
BIC (Smaller is Better)	2630.9

Null Model Likelihood Ratio Test		
DF	**Chi-Square**	**Pr > ChiSq**
0	0.00	1.0000

Solution for Fixed Effects							
Effect	**TRT**	**week**	**Estimate**	**Standard Error**	**DF**	**t Value**	**Pr > |t|**
Intercept			23.6460	0.9370	98	25.24	<.0001
TRT	A		-2.8840	1.3251	98	-2.18	0.0319
TRT	P		0	.	.	.	.
week		0	2.6260	1.3251	294	1.98	0.0484
week		1	1.0140	1.3251	294	0.77	0.4448
week		4	0.4240	1.3251	294	0.32	0.7492
week		6	0	.	.	.	.
TRT*week	A	0	3.1520	1.8740	294	1.68	0.0936
TRT*week	A	1	-8.2540	1.8740	294	-4.40	<.0001
TRT*week	A	4	-5.6720	1.8740	294	-3.03	0.0027
TRT*week	A	6	0	.	.	.	.
TRT*week	P	0	0	.	.	.	.
TRT*week	P	1	0	.	.	.	.
TRT*week	P	4	0	.	.	.	.
TRT*week	P	6	0	.	.	.	.

Type 3 Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
TRT	1	98	70.86	<.0001
week	3	294	24.85	<.0001
TRT*week	3	294	15.42	<.0001

```
proc mixed data=long_lead;
class TRT week;
model PB = TRT week week*TRT/ s ;
repeated week/type=UN subject=ID r rcorr;
run;
```

Model Information	
Data Set	WORK.LONG_LEAD
Dependent Variable	PB
Covariance Structure	Unstructured
Subject Effect	ID
Estimation Method	REML
Residual Variance Method	None
Fixed Effects SE Method	Model-Based
Degrees of Freedom Method	Between-Within

Dimensions	
Covariance Parameters	10
Columns in X	15
Columns in Z	0
Subjects	100
Max Obs per Subject	4

Estimated R Matrix for Subject 1				
Row	Col1	Col2	Col3	Col4
1	25.2257	19.1074	19.6995	22.2016
2	19.1074	44.3458	35.5351	29.6750
3	19.6995	35.5351	47.3778	30.6205
4	22.2016	29.6750	30.6205	58.6510

Estimated R Correlation Matrix for Subject 1				
Row	**Col1**	**Col2**	**Col3**	**Col4**
1	1.0000	0.5713	0.5698	0.5772
2	0.5713	1.0000	0.7753	0.5819
3	0.5698	0.7753	1.0000	0.5809
4	0.5772	0.5819	0.5809	1.0000

Fit Statistics	
-2 Res Log Likelihood	2416.1
AIC (Smaller is Better)	2436.1
AICC (Smaller is Better)	2436.7
BIC (Smaller is Better)	2462.1

Solution for Fixed Effects							
Effect	**TRT**	**week**	**Estimate**	**Standard Error**	**DF**	**t Value**	**Pr > |t|**
Intercept			23.6460	1.0831	98	21.83	<.0001
TRT	A		-2.8840	1.5317	98	-1.88	0.0627
TRT	P		0	.	.	.	.
week		0	2.6260	0.8885	98	2.96	0.0039
week		1	1.0140	0.9343	98	1.09	0.2805
week		4	0.4240	0.9464	98	0.45	0.6551
week		6	0	.	.	.	.
TRT*week	A	0	3.1520	1.2566	98	2.51	0.0138
TRT*week	A	1	-8.2540	1.3213	98	-6.25	<.0001
TRT*week	A	4	-5.6720	1.3385	98	-4.24	<.0001
TRT*week	A	6	0	.	.	.	.
TRT*week	P	0	0	.	.	.	.
TRT*week	P	1	0	.	.	.	.
TRT*week	P	4	0	.	.	.	.
TRT*week	P	6	0	.	.	.	.

Type 3 Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
TRT	1	98	25.43	<.0001
week	3	98	61.49	<.0001
TRT*week	3	98	35.93	<.0001

```
proc mixed data=long_lead;
class TRT week;
model PB = TRT week week*TRT/ s;
repeated week/type=CS subject=ID r rcorr;
run;
```

Model Information	
Data Set	WORK.LONG_LEAD
Dependent Variable	PB
Covariance Structure	Compound Symmetry
Subject Effect	ID
Estimation Method	REML
Residual Variance Method	Profile
Fixed Effects SE Method	Model-Based
Degrees of Freedom Method	Between-Within

Dimensions	
Covariance Parameters	2
Columns in X	15
Columns in Z	0
Subjects	100
Max Obs per Subject	4

Estimated R Matrix for Subject 1				
Row	Col1	Col2	Col3	Col4
1	43.9001	26.1399	26.1399	26.1399
2	26.1399	43.9001	26.1399	26.1399
3	26.1399	26.1399	43.9001	26.1399
4	26.1399	26.1399	26.1399	43.9001

Estimated R Correlation Matrix for Subject 1				
Row	**Col1**	**Col2**	**Col3**	**Col4**
1	1.0000	0.5954	0.5954	0.5954
2	0.5954	1.0000	0.5954	0.5954
3	0.5954	0.5954	1.0000	0.5954
4	0.5954	0.5954	0.5954	1.0000

Fit Statistics	
-2 Res Log Likelihood	2460.6
AIC (Smaller is Better)	2464.6
AICC (Smaller is Better)	2464.7
BIC (Smaller is Better)	2469.8

Solution for Fixed Effects							
Effect	**TRT**	**week**	**Estimate**	**Standard Error**	**DF**	**t Value**	**Pr > |t|**
Intercept			23.6460	0.9370	98	25.24	<.0001
TRT	A		-2.8840	1.3251	98	-2.18	0.0319
TRT	P		0	.	.	.	.
week		0	2.6260	0.8429	294	3.12	0.0020
week		1	1.0140	0.8429	294	1.20	0.2299
week		4	0.4240	0.8429	294	0.50	0.6153
week		6	0	.	.	.	.
TRT*week	A	0	3.1520	1.1920	294	2.64	0.0086
TRT*week	A	1	-8.2540	1.1920	294	-6.92	<.0001
TRT*week	A	4	-5.6720	1.1920	294	-4.76	<.0001
TRT*week	A	6	0	.	.	.	.
TRT*week	P	0	0	.	.	.	.
TRT*week	P	1	0	.	.	.	.
TRT*week	P	4	0	.	.	.	.
TRT*week	P	6	0	.	.	.	.

```
proc mixed data=long_lead;
class TRT week;
model PB = TRT week week*TRT/ s;
```

```
repeated week/type=CSH subject=ID r rcorr;
run;
```

Model Information	
Data Set	WORK.LONG_LEAD
Dependent Variable	PB
Covariance Structure	Heterogeneous Compound Symmetry
Subject Effect	ID
Estimation Method	REML
Residual Variance Method	None
Fixed Effects SE Method	Model-Based
Degrees of Freedom Method	Between-Within

Dimensions	
Covariance Parameters	5
Columns in X	15
Columns in Z	0
Subjects	100
Max Obs per Subject	4

Estimated R Matrix for Subject 1				
Row	**Col1**	**Col2**	**Col3**	**Col4**
1	26.1923	20.4552	21.1511	24.2840
2	20.4552	42.8932	27.0669	31.0762
3	21.1511	27.0669	45.8612	32.1334
4	24.2840	31.0762	32.1334	60.4537

Estimated R Correlation Matrix for Subject 1				
Row	**Col1**	**Col2**	**Col3**	**Col4**
1	1.0000	0.6103	0.6103	0.6103
2	0.6103	1.0000	0.6103	0.6103
3	0.6103	0.6103	1.0000	0.6103
4	0.6103	0.6103	0.6103	1.0000

Fit Statistics	
-2 Res Log Likelihood	2434.0
AIC (Smaller is Better)	2444.0
AICC (Smaller is Better)	2444.1
BIC (Smaller is Better)	2457.0

Solution for Fixed Effects							
Effect	**TRT**	**week**	**Estimate**	**Standard Error**	**DF**	**t Value**	**Pr > |t|**
Intercept			23.6460	1.0996	98	21.50	<.0001
TRT	A		-2.8840	1.5550	98	-1.85	0.0667
TRT	P		0	.	.	.	.
week		0	2.6260	0.8727	294	3.01	0.0028
week		1	1.0140	0.9077	294	1.12	0.2649
week		4	0.4240	0.9170	294	0.46	0.6442
week		6	0	.	.	.	.
TRT*week	A	0	3.1520	1.2341	294	2.55	0.0112
TRT*week	A	1	-8.2540	1.2837	294	-6.43	<.0001
TRT*week	A	4	-5.6720	1.2969	294	-4.37	<.0001
TRT*week	A	6	0	.	.	.	.
TRT*week	P	0	0	.	.	.	.
TRT*week	P	1	0	.	.	.	.
TRT*week	P	4	0	.	.	.	.
TRT*week	P	6	0	.	.	.	.

```
proc mixed data=long_lead;
class TRT week;
model PB = TRT week week*TRT/ s ;
repeated week/type=AR(1) subject=ID r rcorr;
run;
```

Model Information	
Data Set	WORK.LONG_LEAD
Dependent Variable	PB
Covariance Structure	Autoregressive
Subject Effect	ID
Estimation Method	REML
Residual Variance Method	Profile

Model Information	
Fixed Effects SE Method	Model-Based
Degrees of Freedom Method	Between-Within

Dimensions	
Covariance Parameters	2
Columns in X	15
Columns in Z	0
Subjects	100
Max Obs per Subject	4

Estimated R Matrix for Subject 1				
Row	**Col1**	**Col2**	**Col3**	**Col4**
1	43.4126	27.3909	17.2820	10.9040
2	27.3909	43.4126	27.3909	17.2820
3	17.2820	27.3909	43.4126	27.3909
4	10.9040	17.2820	27.3909	43.4126

Estimated R Correlation Matrix for Subject 1				
Row	**Col1**	**Col2**	**Col3**	**Col4**
1	1.0000	0.6309	0.3981	0.2512
2	0.6309	1.0000	0.6309	0.3981
3	0.3981	0.6309	1.0000	0.6309
4	0.2512	0.3981	0.6309	1.0000

Fit Statistics	
-2 Res Log Likelihood	2472.6
AIC (Smaller is Better)	2476.6
AICC (Smaller is Better)	2476.7
BIC (Smaller is Better)	2481.8

Solution for Fixed Effects							
Effect	**TRT**	**week**	**Estimate**	**Standard Error**	**DF**	**t Value**	**Pr > |t|**
Intercept			23.6460	0.9318	98	25.38	<.0001
TRT	A		-2.8840	1.3178	98	-2.19	0.0310
TRT	P		0	.	.	.	.
week		0	2.6260	1.1403	294	2.30	0.0220
week		1	1.0140	1.0224	294	0.99	0.3221
week		4	0.4240	0.8005	294	0.53	0.5968
week		6	0	.	.	.	.
TRT*week	A	0	3.1520	1.6127	294	1.95	0.0516
TRT*week	A	1	-8.2540	1.4458	294	-5.71	<.0001
TRT*week	A	4	-5.6720	1.1321	294	-5.01	<.0001
TRT*week	A	6	0	.	.	.	.
TRT*week	P	0	0	.	.	.	.
TRT*week	P	1	0	.	.	.	.
TRT*week	P	4	0	.	.	.	.
TRT*week	P	6	0	.	.	.	.

```
proc mixed data=long_lead;
class TRT week;
model PB = TRT week week*TRT/ s ;
repeated week/type=ARH(1) subject=ID r rcorr;
run;
```

Model Information	
Data Set	WORK.LONG_LEAD
Dependent Variable	PB
Covariance Structure	Heterogeneous Autoregressive
Subject Effect	ID
Estimation Method	REML
Residual Variance Method	None
Fixed Effects SE Method	Model-Based
Degrees of Freedom Method	Between-Within

Dimensions	
Covariance Parameters	5
Columns in X	15
Columns in Z	0
Subjects	100
Max Obs per Subject	4

Estimated R Matrix for Subject 1				
Row	**Col1**	**Col2**	**Col3**	**Col4**
1	26.2573	21.1565	13.8855	10.2959
2	21.1565	42.0226	27.5805	20.4505
3	13.8855	27.5805	44.6239	33.0878
4	10.2959	20.4505	33.0878	60.4805

Estimated R Correlation Matrix for Subject 1				
Row	**Col1**	**Col2**	**Col3**	**Col4**
1	1.0000	0.6369	0.4057	0.2584
2	0.6369	1.0000	0.6369	0.4057
3	0.4057	0.6369	1.0000	0.6369
4	0.2584	0.4057	0.6369	1.0000

Fit Statistics	
-2 Res Log Likelihood	2451.6
AIC (Smaller is Better)	2461.6
AICC (Smaller is Better)	2461.8
BIC (Smaller is Better)	2474.7

Solution for Fixed Effects							
Effect	**TRT**	**week**	**Estimate**	**Standard Error**	**DF**	**t Value**	**Pr > |t|**
Intercept			23.6460	1.0998	98	21.50	<.0001
TRT	A		-2.8840	1.5554	98	-1.85	0.0667
TRT	P		0	.	.	.	.
week		0	2.6260	1.1502	294	2.28	0.0231
week		1	1.0140	1.1100	294	0.91	0.3617
week		4	0.4240	0.8824	294	0.48	0.6312

Solution for Fixed Effects							
Effect	**TRT**	**week**	**Estimate**	**Standard Error**	**DF**	**t Value**	**Pr > |t|**
week		6	0	.	.	.	.
TRT*week	A	0	3.1520	1.6266	294	1.94	0.0536
TRT*week	A	1	-8.2540	1.5697	294	-5.26	<.0001
TRT*week	A	4	-5.6720	1.2479	294	-4.55	<.0001
TRT*week	A	6	0	.	.	.	.
TRT*week	P	0	0	.	.	.	.
TRT*week	P	1	0	.	.	.	.
TRT*week	P	4	0	.	.	.	.
TRT*week	P	6	0	.	.	.	.

```
proc mixed data=long_lead;
class TRT week;
model PB = TRT week week*TRT/ s ;
repeated week/type=SP(EXP)(week) subject=ID r rcorr;
run;
```

Model Information	
Data Set	WORK.LONG_LEAD
Dependent Variable	PB
Covariance Structure	Spatial Exponential
Subject Effect	ID
Estimation Method	REML
Residual Variance Method	Profile
Fixed Effects SE Method	Model-Based
Degrees of Freedom Method	Between-Within

Dimensions	
Covariance Parameters	2
Columns in X	15
Columns in Z	0
Subjects	100
Max Obs per Subject	4

Estimated R Matrix for Subject 1				
Row	**Col1**	**Col2**	**Col3**	**Col4**
1	45.7620	34.5100	14.8002	8.4168
2	34.5100	45.7620	19.6258	11.1611
3	14.8002	19.6258	45.7620	26.0247
4	8.4168	11.1611	26.0247	45.7620

Estimated R Correlation Matrix for Subject 1				
Row	**Col1**	**Col2**	**Col3**	**Col4**
1	1.0000	0.7541	0.3234	0.1839
2	0.7541	1.0000	0.4289	0.2439
3	0.3234	0.4289	1.0000	0.5687
4	0.1839	0.2439	0.5687	1.0000

Fit Statistics	
-2 Res Log Likelihood	2501.9
AIC (Smaller is Better)	2505.9
AICC (Smaller is Better)	2505.9
BIC (Smaller is Better)	2511.1

Solution for Fixed Effects							
Effect	**TRT**	**week**	**Estimate**	**Standard Error**	**DF**	**t Value**	**Pr > |t|**
Intercept			23.6460	0.9567	98	24.72	<.0001
TRT	A		-2.8840	1.3530	98	-2.13	0.0355
TRT	P		0	.	.	.	.
week		0	2.6260	1.2222	294	2.15	0.0325
week		1	1.0140	1.1764	294	0.86	0.3894
week		4	0.4240	0.8885	294	0.48	0.6336
week		6	0	.	.	.	.
TRT*week	A	0	3.1520	1.7285	294	1.82	0.0692
TRT*week	A	1	-8.2540	1.6638	294	-4.96	<.0001
TRT*week	A	4	-5.6720	1.2566	294	-4.51	<.0001
TRT*week	A	6	0	.	.	.	.
TRT*week	P	0	0	.	.	.	.

Solution for Fixed Effects							
Effect	**TRT**	**week**	**Estimate**	**Standard Error**	**DF**	**t Value**	**Pr > |t|**
TRT*week	P	1	0	.	.	.	.
TRT*week	P	4	0	.	.	.	.
TRT*week	P	6	0	.	.	.	.

Trying some covariance models by treatment.

```
proc mixed data=long_lead;
class ID TRT week;
model PB = TRT week week*TRT/ s ;
repeated week/type=UN subject=ID r=1,2 rcorr=1,2 GROUP=TRT;
run;
```

The Mixed Procedure

Model Information

Data Set	WORK.LONG_LEAD
Dependent Variable	PB
Covariance Structure	Unstructured
Subject Effect	ID
Group Effect	TRT
Estimation Method	REML
Residual Variance Method	None
Fixed Effects SE Method	Model-Based
Degrees of Freedom Method	Between-Within

Dimensions

Covariance Parameters	20
Columns in X	15
Columns in Z	0
Subjects	100
Max Obs per Subject	4

Number of Observations

Number of Observations Read	400

Number of Observations

Number of Observations Used	400
Number of Observations Not Used	0

Estimated R Matrix for ID 1

Row	Col1	Col2	Col3	Col4
1	25.2416	22.7495	24.2610	21.4178
2	22.7495	29.8245	27.0412	23.3841
3	24.2610	27.0412	33.0985	28.2190
4	21.4178	23.3841	28.2190	31.8074

Estimated R Correlation Matrix for ID 1

Row	Col1	Col2	Col3	Col4
1	1.0000	0.8291	0.8394	0.7559
2	0.8291	1.0000	0.8607	0.7592
3	0.8394	0.8607	1.0000	0.8697
4	0.7559	0.7592	0.8697	1.0000

Estimated R Matrix for ID 2

Row	Col1	Col2	Col3	Col4
1	25.2098	15.4654	15.1380	22.9854
2	15.4654	58.8671	44.0291	35.9660
3	15.1380	44.0291	61.6571	33.0220
4	22.9854	35.9660	33.0220	85.4946

Estimated R Correlation Matrix for ID 2

Row	Col1	Col2	Col3	Col4
1	1.0000	0.4015	0.3840	0.4951
2	0.4015	1.0000	0.7308	0.5070
3	0.3840	0.7308	1.0000	0.4548
4	0.4951	0.5070	0.4548	1.0000

Fit Statistics

-2 Res Log Likelihood	2314.3
AIC (Smaller is Better)	2354.3

Fit Statistics

AICC (Smaller is Better)	2356.6
BIC (Smaller is Better)	2406.4

Null Model Likelihood Ratio Test

DF	Chi-Square	Pr > ChiSq
19	311.91	<.0001

Solution for Fixed Effects

Effect	TRT	week	Estimate	Standard Error	DF	t Value	Pr > |t|
Intercept			23.6460	0.7976	98	29.65	<.0001
TRT	**A**		-2.8840	1.5317	98	-1.88	0.0627
TRT	**P**		0	.	.	.	.
week		**0**	2.6260	0.5332	294	4.93	<.0001
week		**1**	1.0140	0.5452	294	1.86	0.0639
week		**4**	0.4240	0.4115	294	1.03	0.3037
week		**6**	0	.	.	.	.
TRT*week	**A**	**0**	3.1520	1.2566	294	2.51	0.0127
TRT*week	**A**	**1**	-8.2540	1.3213	294	-6.25	<.0001
TRT*week	**A**	**4**	-5.6720	1.3385	294	-4.24	<.0001
TRT*week	**A**	**6**	0	.	.	.	.
TRT*week	**P**	**0**	0	.	.	.	.
TRT*week	**P**	**1**	0	.	.	.	.
TRT*week	**P**	**4**	0	.	.	.	.
TRT*week	**P**	**6**	0	.	.	.	.

Type 3 Tests of Fixed Effects

Effect	Num DF	Den DF	F Value	Pr > F
TRT	1	98	25.43	<.0001
week	3	294	61.49	<.0001
TRT*week	3	294	35.93	<.0001

```
proc mixed data=long_lead;
class ID TRT week;
model PB = TRT week week*TRT/ s;
repeated week/type=CSH subject=ID r=1,2 rcorr=1,2 GROUP=TRT;
run;
```

The Mixed Procedure

Model Information

Data Set	WORK.LONG_LEAD
Dependent Variable	PB
Covariance Structure	Heterogeneous Compound Symmetry
Subject Effect	ID
Group Effect	TRT
Estimation Method	REML
Residual Variance Method	None
Fixed Effects SE Method	Model-Based
Degrees of Freedom Method	Between-Within

Dimensions

Covariance Parameters	10
Columns in X	15
Columns in Z	0
Subjects	100
Max Obs per Subject	4

Number of Observations

Number of Observations Read	400
Number of Observations Used	400
Number of Observations Not Used	0

Convergence criteria met.

Estimated R Matrix for ID 1

Row	Col1	Col2	Col3	Col4
1	25.5844	22.6684	23.3035	23.7269
2	22.6684	29.9149	25.1987	25.6565
3	23.3035	25.1987	31.6147	26.3754
4	23.7269	25.6565	26.3754	32.7740

Estimated R Correlation Matrix for ID 1

Row	Col1	Col2	Col3	Col4

Estimated R Correlation Matrix for ID 1

Row	Col1	Col2	Col3	Col4
1	1.0000	0.8194	0.8194	0.8194
2	0.8194	1.0000	0.8194	0.8194
3	0.8194	0.8194	1.0000	0.8194
4	0.8194	0.8194	0.8194	1.0000

Estimated R Matrix for ID 2

Row	Col1	Col2	Col3	Col4
1	26.7958	19.3177	19.9576	23.9109
2	19.3177	56.3599	28.9441	34.6775
3	19.9576	28.9441	60.1558	35.8262
4	23.9109	34.6775	35.8262	86.3480

Estimated R Correlation Matrix for ID 2

Row	Col1	Col2	Col3	Col4
1	1.0000	0.4971	0.4971	0.4971
2	0.4971	1.0000	0.4971	0.4971
3	0.4971	0.4971	1.0000	0.4971
4	0.4971	0.4971	0.4971	1.0000

Fit Statistics

-2 Res Log Likelihood	2340.2
AIC (Smaller is Better)	2360.2
AICC (Smaller is Better)	2360.8
BIC (Smaller is Better)	2386.2

Null Model Likelihood Ratio Test

DF	Chi-Square	Pr > ChiSq
9	286.07	<.0001

Solution for Fixed Effects

Effect	TRT	week	Estimate	Standard Error	DF	t Value	Pr > |t|
Intercept			23.6460	0.8096	98	29.21	<.0001
TRT	**A**		-2.8840	1.5435	98	-1.87	0.0647

Solution for Fixed Effects

Effect	TRT	week	Estimate	Standard Error	DF	t Value	Pr > |t|
TRT	**P**		0	.	.	.	.
week		**0**	2.6260	0.4670	294	5.62	<.0001
week		**1**	1.0140	0.4770	294	2.13	0.0344
week		**4**	0.4240	0.4825	294	0.88	0.3802
week		**6**	0	.	.	.	.
TRT*week	**A**	**0**	3.1520	1.2347	294	2.55	0.0112
TRT*week	**A**	**1**	-8.2540	1.3018	294	-6.34	<.0001
TRT*week	**A**	**4**	-5.6720	1.3152	294	-4.31	<.0001
TRT*week	**A**	**6**	0	.	.	.	.
TRT*week	**P**	**0**	0	.	.	.	.
TRT*week	**P**	**1**	0	.	.	.	.
TRT*week	**P**	**4**	0	.	.	.	.
TRT*week	**P**	**6**	0	.	.	.	.

Type 3 Tests of Fixed Effects

Effect	Num DF	Den DF	F Value	Pr > F
TRT	1	98	25.69	<.0001
week	3	294	84.41	<.0001
TRT*week	3	294	48.52	<.0001