The MEANS Procedure

GRUPO=ctrl TEMPO=Baseline

	Analysis Variable : imc					
Mean	Std Dev	Maximum	Minimum	Coeff of Variation	Lower 95% CL for Mean	Upper 95% CL for Mean
34.8044513	11.9736763	54.1584461	18.3988218	34.4027154	26.2389992	43.3699033

GRUPO=ctrl TEMPO=pos

	Analysis Variable : imc					
Mean	Std Dev	Maximum	Minimum	Coeff of Variation	Lower 95% CL for Mean	Upper 95% CL for Mean
60.1115974	11.4911146	78.2733338	44.1169873	19.1163021	51.8913492	68.3318456

GRUPO=trt TEMPO=Baseline

	Analysis Variable : imc					
Mean	Std Dev	Maximum	Minimum	Coeff of Variation	Lower 95% CL for Mean	Upper 95% CL for Mean
63.9530741	13.8445012	78.1801460	41.6823813	21.6479058	54.0493146	73.8568337

GRUPO=trt TEMPO=pos

	Analysis Variable : imc					
Mean	Std Dev	Maximum	Minimum	Coeff of Variation	Lower 95% CL for Mean	Upper 95% CL for Mean
40.8376753	10.1305963	56.7842063	27.7534882	24.8069857	33.5906833	48.0846673

The Mixed Procedure

Model Information	
Data Set	WORK.A
Dependent Variable	imc
Covariance Structure	Compound Symmetry
Subject Effect	SUJEITO
Estimation Method	REML
Residual Variance Method	Profile
Fixed Effects SE Method	Prasad-Rao-Jeske-Kackar-Harville
Degrees of Freedom Method	Kenward-Roger

Class Level Information		
Class	**Levels**	**Values**
SUJEITO	20	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
GRUPO	2	ctrl trt
TEMPO	2	Baseline pos

Dimensions	
Covariance Parameters	2
Columns in X	9
Columns in Z	0
Subjects	20
Max Obs Per Subject	2
Observations Used	40
Observations Not Used	0
Total Observations	40

Iteration History			
Iteration	**Evaluations**	**-2 Res Log Like**	**Criterion**
0	1	289.89214858	
1	1	287.95306015	0.00000000

Convergence criteria met.

The Mixed Procedure

Estimated R Matrix for SUJEITO 1		
Row	Col1	Col2
1	142.43	45.5164
2	45.5164	142.43

Estimated R Correlation Matrix for SUJEITO 1		
Row	Col1	Col2
1	1.0000	0.3196
2	0.3196	1.0000

Covariance Parameter Estimates		
Cov Parm	Subject	Estimate
CS	SUJEITO	45.5164
Residual		96.9120

Fit Statistics	
-2 Res Log Likelihood	288.0
AIC (smaller is better)	292.0
AICC (smaller is better)	292.3
BIC (smaller is better)	293.9

Null Model Likelihood Ratio Test		
DF	Chi-Square	Pr > ChiSq
1	1.94	0.1638

Type 3 Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
GRUPO	1	18	1.30	0.2697
TEMPO	1	18	0.12	0.7289
GRUPO*TEMPO	1	18	60.49	<.0001

The Mixed Procedure

Least Squares Means										
Effect	**GRUPO**	**TEMPO**	**Estimate**	**Standard Error**	**DF**	**t Value**	**Pr > |t|**	**Alpha**	**Lower**	**Upper**
GRUPO	ctrl		47.4580	3.0655	18	15.48	<.0001	0.05	41.0177	53.8984
GRUPO	trt		52.3954	3.0655	18	17.09	<.0001	0.05	45.9550	58.8357
TEMPO		Baseline	49.3788	2.6686	32.7	18.50	<.0001	0.05	43.9473	54.8102
TEMPO		pos	50.4746	2.6686	32.7	18.91	<.0001	0.05	45.0432	55.9061
GRUPO*TEMPO	ctrl	Baseline	34.8045	3.7740	32.7	9.22	<.0001	0.05	27.1233	42.4857
GRUPO*TEMPO	ctrl	pos	60.1116	3.7740	32.7	15.93	<.0001	0.05	52.4304	67.7928
GRUPO*TEMPO	trt	Baseline	63.9531	3.7740	32.7	16.95	<.0001	0.05	56.2719	71.6343
GRUPO*TEMPO	trt	pos	40.8377	3.7740	32.7	10.82	<.0001	0.05	33.1565	48.5189

The Mixed Procedure

Differences of Least Squares Means									
Effect	GRUPO	TEMPO	_GRUPO	_TEMPO	Estimate	Standard Error	DF	t Value	Pr > |t|
GRUPO	ctrl		trt		-4.9374	4.3353	18	-1.14	0.2697
TEMPO		Baseline		pos	-1.0959	3.1131	18	-0.35	0.7289
GRUPO*TEMPO	ctrl	Baseline	ctrl	pos	-25.3071	4.4025	18	-5.75	<.0001
GRUPO*TEMPO	ctrl	Baseline	trt	Baseline	-29.1486	5.3372	32.7	-5.46	<.0001
GRUPO*TEMPO	ctrl	Baseline	trt	pos	-6.0332	5.3372	32.7	-1.13	0.2665
GRUPO*TEMPO	ctrl	pos	trt	Baseline	-3.8415	5.3372	32.7	-0.72	0.4768
GRUPO*TEMPO	ctrl	pos	trt	pos	19.2739	5.3372	32.7	3.61	0.0010
GRUPO*TEMPO	trt	Baseline	trt	pos	23.1154	4.4025	18	5.25	<.0001

Differences of Least Squares Means									
Effect	GRUPO	TEMPO	_GRUPO	_TEMPO	Adjustment	Adj P	Alpha	Lower	Upper
GRUPO	ctrl		trt		Tukey	0.2697	0.05	-14.0454	4.1707
TEMPO		Baseline		pos	Tukey-Kramer	0.7289	0.05	-7.6362	5.4444
GRUPO*TEMPO	ctrl	Baseline	ctrl	pos	Tukey-Kramer	0.0001	0.05	-34.5566	-16.0577
GRUPO*TEMPO	ctrl	Baseline	trt	Baseline	Tukey-Kramer	0.0002	0.05	-40.0115	-18.2858
GRUPO*TEMPO	ctrl	Baseline	trt	pos	Tukey-Kramer	0.6761	0.05	-16.8961	4.8296
GRUPO*TEMPO	ctrl	pos	trt	Baseline	Tukey-Kramer	0.8879	0.05	-14.7043	7.0214
GRUPO*TEMPO	ctrl	pos	trt	pos	Tukey-Kramer	0.0098	0.05	8.4111	30.1368
GRUPO*TEMPO	trt	Baseline	trt	pos	Tukey-Kramer	0.0003	0.05	13.8660	32.3648

Differences of Least Squares Means						
Effect	GRUPO	TEMPO	_GRUPO	_TEMPO	Adj Lower	Adj Upper
GRUPO	ctrl		trt		-14.0454	4.1707
TEMPO		Baseline		pos	-7.6362	5.4444
GRUPO*TEMPO	ctrl	Baseline	ctrl	pos	-37.7500	-12.8643
GRUPO*TEMPO	ctrl	Baseline	trt	Baseline	-44.2331	-14.0641
GRUPO*TEMPO	ctrl	Baseline	trt	pos	-21.1177	9.0513
GRUPO*TEMPO	ctrl	pos	trt	Baseline	-18.9260	11.2430
GRUPO*TEMPO	ctrl	pos	trt	pos	4.1894	34.3584
GRUPO*TEMPO	trt	Baseline	trt	pos	10.6725	35.5583