

The Mixed Procedure

GRUPO=0

Model Information	
Data Set	WORK.E
Dependent Variable	cpg9
Covariance Structure	Compound Symmetry
Subject Effect	CODIGO
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
CODIGO	24	4 10 16 17 19 28 33 34 35 36 44 50 53 57 61 62 64 72 74 77 81 87 89 90
t	3	1 2 3

Dimensions	
Covariance Parameters	2
Columns in X	2
Columns in Z	0
Subjects	24
Max Obs per Subject	3

Number of Observations	
Number of Observations Read	72
Number of Observations Used	70
Number of Observations Not Used	2

Iteration History			
Iteration	Evaluations	-2 Res Log Like	Criterion
0	1	178.23865262	
1	2	170.04035263	0.00000231
2	1	170.04030033	0.00000000

Convergence criteria met.

Estimated R Matrix for CODIGO 4			
Row	Col1	Col2	Col3
1	0.7156	0.2609	0.2609
2	0.2609	0.7156	0.2609
3	0.2609	0.2609	0.7156

Estimated R Correlation Matrix for CODIGO 4			
Row	Col1	Col2	Col3
1	1.0000	0.3646	0.3646
2	0.3646	1.0000	0.3646
3	0.3646	0.3646	1.0000

Covariance Parameter Estimates		
Cov Parm	Subject	Estimate
CS	CODIGO	0.2609

Covariance Parameter Estimates		
Cov Parm	Subject	Estimate
Residual		0.4547

Fit Statistics	
-2 Res Log Likelihood	170.0
AIC (Smaller is Better)	174.0
AICC (Smaller is Better)	174.2
BIC (Smaller is Better)	176.4

Null Model Likelihood Ratio Test		
DF	Chi-Square	Pr > ChiSq
1	8.20	0.0042

Solution for Fixed Effects					
Effect	Estimate	Standard Error	DF	t Value	Pr >  t
Intercept	0.5306	0.1637	23	3.24	0.0036
tempo	-0.2238	0.09864	45	-2.27	0.0281

Type 3 Tests of Fixed Effects						
Effect	Num DF	Den DF	Chi-Square	F Value	Pr > ChiSq	Pr > F
tempo	1	45	5.15	5.15	0.0233	0.0281

The Mixed Procedure

GRUPO=1

Model Information	
Data Set	WORK.E
Dependent Variable	cpg9
Covariance Structure	Compound Symmetry
Subject Effect	CODIGO
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
CODIGO	51	3 5 6 7 8 9 12 13 14 15 18 20 21 24 27 32 40 41 42 43 47 48 49 52 54 55 56 58 59 60 63 65 66 67 69 70 71 76 78 79 80 83 84 85 86 88 91 92 93 94 95
t	3	1 2 3

Dimensions	
Covariance Parameters	2
Columns in X	2
Columns in Z	0
Subjects	51
Max Obs per Subject	3

Number of Observations	
Number of Observations Read	153
Number of Observations Used	152

Number of Observations	
Number of Observations Not Used	1

Iteration History			
Iteration	Evaluations	-2 Res Log Like	Criterion
0	1	413.79728581	
1	2	405.31654549	0.00000000

Convergence criteria met.

Estimated R Matrix for CODIGO 3			
Row	Col1	Col2	Col3
1	0.8673	0.2165	0.2165
2	0.2165	0.8673	0.2165
3	0.2165	0.2165	0.8673

Estimated R Correlation Matrix for CODIGO 3			
Row	Col1	Col2	Col3
1	1.0000	0.2497	0.2497
2	0.2497	1.0000	0.2497
3	0.2497	0.2497	1.0000

Covariance Parameter Estimates		
Cov Parm	Subject	Estimate
CS	CODIGO	0.2165
Residual		0.6508

Fit Statistics	
-2 Res Log Likelihood	405.3
AIC (Smaller is Better)	409.3
AICC (Smaller is Better)	409.4
BIC (Smaller is Better)	413.2

Null Model Likelihood Ratio Test		
DF	Chi-Square	Pr > ChiSq
1	8.48	0.0036

Solution for Fixed Effects					
Effect	Estimate	Standard Error	DF	t Value	Pr >  t
Intercept	0.4051	0.1220	50	3.32	0.0017
tempo	-0.07292	0.08035	100	-0.91	0.3663

Type 3 Tests of Fixed Effects						
Effect	Num DF	Den DF	Chi-Square	F Value	Pr > ChiSq	Pr > F
tempo	1	100	0.82	0.82	0.3641	0.3663

The MEANS Procedure

GRUPO=0

tempo	N Obs	Variable	Label	Mean
0	24	Lower Pred	Predicted Mean	0.2039352 0.5306001

tempo	N Obs	Variable	Label	Mean
		Upper StdErrPred	Std Err Pred	0.8572650 0.1637033
1	24	Lower Pred Upper StdErrPred	Predicted Mean Std Err Pred	0.0434992 0.3068355 0.5701718 0.1319671
2	24	Lower Pred Upper StdErrPred	Predicted Mean Std Err Pred	-0.2477968 0.0830709 0.4139386 0.1658095

GRUPO=1

tempo	N Obs	Variable	Label	Mean
0	51	Lower Pred Upper StdErrPred	Predicted Mean Std Err Pred	0.1639972 0.4050917 0.6461861 0.1220172
1	51	Lower Pred Upper StdErrPred	Predicted Mean Std Err Pred	0.1496436 0.3321696 0.5146956 0.0923759
2	51	Lower Pred Upper StdErrPred	Predicted Mean Std Err Pred	0.0165125 0.2592476 0.5019828 0.1228476