11/06/2024, 14:59 Results: analise.sas

The Mixed Procedure

Model Information				
Data Set	WORK.E			
Dependent Variable	cpg30			
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	Class Levels Values				
CODIGO	75	3 4 5 6 7 8 9 10 12 13 14 15 16 17 18 19 20 21 24 27 28 32 33 34 35 36 40 41 42 43 44 47 48 49 50 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 69 70 71 72 74 76 77 78 79 80 81 83 84 85 86 87 88 89 90 91 92 93 94 95			
t	3	123			

5	
Dimensions	
Covariance Parameters	2
Columns in X	4
Columns in Z	0
Subjects	75
Max Obs per Subject	3

Number of Observations		
Number of Observations Read	225	
Number of Observations Used	222	
Number of Observations Not Used	3	

Iteration History					
Iteration Evaluations -2 Res Log Like Criterion					
0	1	44.34183483			
1	2	44.34081573	0.00000000		

Convergence criteria met.

Estimated R Matrix for CODIGO 3					
Row	Row Col1 Col2 Col3				
1	0.06615	-0.00014	-0.00014		
2	-0.00014	0.06615	-0.00014		
3	-0.00014	-0.00014	0.06615		

Estimated R Correlation Matrix for CODIGO 3					
Row Col1 Col2 Col3					
1	1.0000	-0.00215	-0.00215		
2	-0.00215	1.0000	-0.00215		
3	-0.00215	-0.00215	1.0000		

Covariance Parameter Estimates					
Cov Parm Subject Estimate					
CS	CODIGO	-0.00014			
Residual		0.06629			

11/06/2024, 14:59 Results: analise.sas

Fit Statistics		
-2 Res Log Likelihood	44.3	
AIC (Smaller is Better)	48.3	
AICC (Smaller is Better)	48.4	
BIC (Smaller is Better)	53.0	

Null	Null Model Likelihood Ratio Test				
DF	Chi-Square	Pr > ChiSq			
1	0.00	0.9745			

Solution for Fixed Effects						
Effect Estimate Standard DF t Value Pr > t						
Intercept	-145E-19	0.04808	73	-0.00	1.0000	
tempo	1.4E-17	0.03756	145	0.00	1.0000	
GRUPO	0.02482	0.05825	73	0.43	0.6713	
tempo*GRUPO	0.000249	0.04547	145	0.01	0.9956	

Type 3 Tests of Fixed Effects						
Effect	Num DF	Den DF	Chi-Square	F Value	Pr > ChiSq	Pr > F
tempo	1	145	0.00	0.00	1.0000	1.0000
GRUPO	1	73	0.18	0.18	0.6700	0.6713
tempo*GRUPO	1	145	0.00	0.00	0.9956	0.9956

The MEANS Procedure

tempo	GRUPO	N Obs	Variable	Label	Mean
0	0	24	Lower Pred Upper StdErrPred	Predicted Mean Std Err Pred	-0.0947652 -1.4544E-17 0.0947652 0.0480821
	1	51	Lower Pred Upper StdErrPred	Predicted Mean Std Err Pred	-0.0399849 0.0248189 0.0896226 0.0328802
1	0	24	Lower Pred Upper StdErrPred	Predicted Mean Std Err Pred	-0.0604690 -5.82632E-19 0.0604690 0.0306808
	1	51	Lower Pred Upper StdErrPred	Predicted Mean Std Err Pred	-0.0159605 0.0250681 0.0660968 0.0208172
2	0	24	Lower Pred Upper StdErrPred	Predicted Mean Std Err Pred	-0.0964001 1.337871E-17 0.0964001 0.0489116
	1	51	Lower Pred Upper StdErrPred	Predicted Mean	-0.0400009 0.0253174 0.0906357 0.0331413

Obs	tempo	GRUPO	_TYPE_	_FREQ_	lower	pred	upper
1			0	225	-0.048589	0.017046	0.082681
2		0	1	72	-0.083878	-0.000000	0.083878
3		1	1	153	-0.031982	0.025068	0.082118
4	0		2	75	-0.057515	0.016877	0.091268
5	1		2	75	-0.030203	0.017046	0.064296

11/06/2024, 14:59 Results: analise.sas

Obs	tempo	GRUPO	_TYPE_	_FREQ_	lower	pred	upper
6	2		2	75	-0.058049	0.017216	0.092480
7	0	0	3	24	-0.094765	-0.000000	0.094765
8	0	1	3	51	-0.039985	0.024819	0.089623
9	1	0	3	24	-0.060469	-0.000000	0.060469
10	1	1	3	51	-0.015961	0.025068	0.066097
11	2	0	3	24	-0.096400	0.000000	0.096400
12	2	1	3	51	-0.040001	0.025317	0.090636