### The Mixed Procedure

### GRUPO=0

| Model Information | |
|---|---|
| Data Set | WORK.E |
| Dependent Variable | cpg26 |
| 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 | 380.96874513 | |
| 1 | 2 | 380.96795763 | 0.00000000 |

Convergence criteria met.

| Estimated R Matrix for CODIGO 4 | | | |
|---|---|---|---|
| Row | Col1 | Col2 | Col3 |
| 1 | 14.0913 | 0.04757 | 0.04757 |
| 2 | 0.04757 | 14.0913 | 0.04757 |
| 3 | 0.04757 | 0.04757 | 14.0913 |

| Estimated R Correlation Matrix for CODIGO 4 | | | |
|---|---|---|---|
| Row | Col1 | Col2 | Col3 |
| 1 | 1.0000 | 0.003376 | 0.003376 |
| 2 | 0.003376 | 1.0000 | 0.003376 |
| 3 | 0.003376 | 0.003376 | 1.0000 |

| Covariance Parameter Estimates | | |
|---|---|---|
| Cov Parm | Subject | Estimate |
| CS | CODIGO | 0.04757 |
| Residual | | 14.0437 |

| Fit Statistics | |
|---|---|
| -2 Res Log Likelihood | 381.0 |
| AIC (Smaller is Better) | 385.0 |
| AICC (Smaller is Better) | 385.2 |
| BIC (Smaller is Better) | 387.3 |

| Null Model Likelihood Ratio Test | | |
|---|---|---|
| DF | Chi-Square | Pr > ChiSq |
| 1 | 0.00 | 0.9776 |

| Solution for Fixed Effects | | | | | |
|---|---|---|---|---|---|
| Effect | Estimate | Standard Error | DF | t Value | Pr > \|t\| |
| Intercept | 1.1017 | 0.7022 | 23 | 1.57 | 0.1303 |
| tempo | -0.6612 | 0.5467 | 45 | -1.21 | 0.2329 |

| Type 3 Tests of Fixed Effects | | | | | | |
|---|---|---|---|---|---|---|
| Effect | Num DF | Den DF | Chi-Square | F Value | Pr > ChiSq | Pr > F |
| tempo | 1 | 45 | 1.46 | 1.46 | 0.2265 | 0.2329 |

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### The Mixed Procedure

### GRUPO=1

| Model Information | |
|---|---|
| Data Set | WORK.E |
| Dependent Variable | cpg26 |
| 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 Not Used | 1 |

| Iteration History | | | |
|---|---|---|---|
| Iteration | Evaluations | -2 Res Log Like | Criterion |

### Iteration History

| Iteration | Evaluations | -2 Res Log Like | Criterion |
|---|---|---|---|
| 0 | 1 | 196.81930278 | |
| 1 | 2 | 196.81335136 | 0.00000000 |

Convergence criteria met.

### Estimated R Matrix for CODIGO 3

| Row | Col1 | Col2 | Col3 |
|---|---|---|---|
| 1 | 0.2039 | -0.00128 | -0.00128 |
| 2 | -0.00128 | 0.2039 | -0.00128 |
| 3 | -0.00128 | -0.00128 | 0.2039 |

### Estimated R Correlation Matrix for CODIGO 3

| Row | Col1 | Col2 | Col3 |
|---|---|---|---|
| 1 | 1.0000 | -0.00628 | -0.00628 |
| 2 | -0.00628 | 1.0000 | -0.00628 |
| 3 | -0.00628 | -0.00628 | 1.0000 |

### Covariance Parameter Estimates

| Cov Parm | Subject | Estimate |
|---|---|---|
| CS | CODIGO | -0.00128 |
| Residual | | 0.2052 |

### Fit Statistics

| | |
|---|---|
| -2 Res Log Likelihood | 196.8 |
| AIC (Smaller is Better) | 200.8 |
| AICC (Smaller is Better) | 200.9 |
| BIC (Smaller is Better) | 204.7 |

### Null Model Likelihood Ratio Test

| DF | Chi-Square | Pr > ChiSq |
|---|---|---|
| 1 | 0.01 | 0.9385 |

### Solution for Fixed Effects

| Effect | Estimate | Standard Error | DF | t Value | Pr > \|t\| |
|---|---|---|---|---|---|
| Intercept | 0.09563 | 0.05771 | 50 | 1.66 | 0.1037 |
| tempo | -0.04473 | 0.04507 | 100 | -0.99 | 0.3234 |

### Type 3 Tests of Fixed Effects

| Effect | Num DF | Den DF | Chi-Square | F Value | Pr > ChiSq | Pr > F |
|---|---|---|---|---|---|---|
| tempo | 1 | 100 | 0.99 | 0.99 | 0.3210 | 0.3234 |

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### The MEANS Procedure

#### GRUPO=0

| tempo | N Obs | Variable | Label | Mean |
|---|---|---|---|---|
| 0 | 24 | Lower | | -0.2994022 |
| | | Pred | Predicted Mean | 1.1017431 |
| | | Upper | | 2.5028884 |
| | | StdErrPred | Std Err Pred | 0.7021634 |
| 1 | 24 | Lower | | -0.4577919 |
| | | Pred | Predicted Mean | 0.4405812 |

| tempo | N Obs | Variable | Label | Mean |
|---|---|---|---|---|
|  |  | Upper StdErrPred | Std Err Pred | 1.3389544 0.4502065 |
| 2 | 24 | Lower Pred Upper StdErrPred | Predicted Mean Std Err Pred | -1.6458659 -0.2205806 1.2047046 0.7142608 |

### GRUPO=1

| tempo | N Obs | Variable | Label | Mean |
|---|---|---|---|---|
| 0 | 51 | Lower Pred Upper StdErrPred | Predicted Mean Std Err Pred | -0.0183911 0.0956304 0.2096520 0.0577060 |
| 1 | 51 | Lower Pred Upper StdErrPred | Predicted Mean Std Err Pred | -0.0210254 0.0508960 0.1228174 0.0363992 |
| 2 | 51 | Lower Pred Upper StdErrPred | Predicted Mean Std Err Pred | -0.1087660 0.0061616 0.1210892 0.0581645 |