

The Mixed Procedure

| Model Information | |
|---------------------------|-------------------|
| Data Set | WORK.E |
| Dependent Variable | cpg8 |
| 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 | 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 | 1 2 3 |

| 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 | -21.52584962 | |
| 1 | 2 | -21.53487810 | 0.00000000 |

Convergence criteria met.

| Estimated R Matrix for CODIGO 3 | | | |
|---------------------------------|----------|----------|----------|
| Row | Col1 | Col2 | Col3 |
| 1 | 0.04890 | -0.00031 | -0.00031 |
| 2 | -0.00031 | 0.04890 | -0.00031 |
| 3 | -0.00031 | -0.00031 | 0.04890 |

| Estimated R Correlation Matrix for CODIGO 3 | | | |
|---------------------------------------------|----------|----------|----------|
| Row | Col1 | Col2 | Col3 |
| 1 | 1.0000 | -0.00639 | -0.00639 |
| 2 | -0.00639 | 1.0000 | -0.00639 |
| 3 | -0.00639 | -0.00639 | 1.0000 |

| Covariance Parameter Estimates | | |
|--------------------------------|---------|----------|
| Cov Parm | Subject | Estimate |
| CS | CODIGO | -0.00031 |
| Residual | | 0.04921 |

| Fit Statistics | |
|--------------------------|-------|
| -2 Res Log Likelihood | -21.5 |
| AIC (Smaller is Better) | -17.5 |
| AICC (Smaller is Better) | -17.5 |
| BIC (Smaller is Better) | -12.9 |

| Null Model Likelihood Ratio Test | | |
|----------------------------------|------------|------------|
| DF | Chi-Square | Pr > ChiSq |
| 1 | 0.01 | 0.9243 |

| Solution for Fixed Effects | | | | | |
|----------------------------|----------|----------------|-----|---------|---------|
| Effect | Estimate | Standard Error | DF | t Value | Pr > t |
| Intercept | -398E-20 | 0.04132 | 73 | -0.00 | 1.0000 |
| tempo | 1.52E-18 | 0.03236 | 145 | 0.00 | 1.0000 |
| GRUPO | 0.007141 | 0.05006 | 73 | 0.14 | 0.8870 |
| tempo*GRUPO | 0.02367 | 0.03917 | 145 | 0.60 | 0.5465 |

| 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 | 0.02 | 0.02 | 0.8866 | 0.8870 |
| tempo*GRUPO | 1 | 145 | 0.37 | 0.37 | 0.5456 | 0.5465 |

The MEANS Procedure

| tempo | GRUPO | N Obs | Variable | Label | Mean |
|-------|-------|-------|------------|----------------|--------------|
| 0 | 0 | 24 | Lower | Predicted Mean | -0.0814418 |
| | | | Pred | | -3.9793E-18 |
| | | | Upper | Std Err Pred | 0.0814418 |
| | | | StdErrPred | | 0.0413220 |
| | 1 | 51 | Lower | Predicted Mean | -0.0485512 |
| | | | Pred | | 0.0071414 |
| | | | Upper | Std Err Pred | 0.0628340 |
| | | | StdErrPred | | 0.0282573 |
| 1 | 0 | 24 | Lower | Predicted Mean | -0.0517737 |
| | | | Pred | | -2.45701E-18 |
| | | | Upper | Std Err Pred | 0.0517737 |
| | | | StdErrPred | | 0.0262690 |
| | 1 | 51 | Lower | Predicted Mean | -0.0043103 |
| | | | Pred | | 0.0308153 |
| | | | Upper | Std Err Pred | 0.0659408 |
| | | | StdErrPred | | 0.0178220 |
| 2 | 0 | 24 | Lower | Predicted Mean | -0.0828481 |
| | | | Pred | | -9.34729E-19 |
| | | | Upper | Std Err Pred | 0.0828481 |
| | | | StdErrPred | | 0.0420355 |
| | 1 | 51 | Lower | Predicted Mean | -0.0016460 |
| | | | Pred | | 0.0544891 |
| | | | Upper | Std Err Pred | 0.1106242 |
| | | | StdErrPred | | 0.0284819 |

| Obs | tempo | GRUPO | _TYPE_ | _FREQ_ | lower | pred | upper |
|-----|-------|-------|--------|--------|-----------|-----------|---------|
| 1 | . | . | 0 | 225 | -0.035402 | 0.020954 | 0.07731 |
| 2 | . | 0 | 1 | 72 | -0.072021 | -0.000000 | 0.07202 |
| 3 | . | 1 | 1 | 153 | -0.018169 | 0.030815 | 0.07980 |
| 4 | 0 | . | 2 | 75 | -0.059076 | 0.004856 | 0.06879 |
| 5 | 1 | . | 2 | 75 | -0.019499 | 0.020954 | 0.06141 |

| Obs | tempo | GRUPO | _TYPE_ | _FREQ_ | lower | pred | upper |
|-----|-------|-------|--------|--------|-----------|-----------|---------|
| 6 | 2 | . | 2 | 75 | -0.027631 | 0.037053 | 0.10174 |
| 7 | 0 | 0 | 3 | 24 | -0.081442 | -0.000000 | 0.08144 |
| 8 | 0 | 1 | 3 | 51 | -0.048551 | 0.007141 | 0.06283 |
| 9 | 1 | 0 | 3 | 24 | -0.051774 | -0.000000 | 0.05177 |
| 10 | 1 | 1 | 3 | 51 | -0.004310 | 0.030815 | 0.06594 |
| 11 | 2 | 0 | 3 | 24 | -0.082848 | -0.000000 | 0.08285 |
| 12 | 2 | 1 | 3 | 51 | -0.001646 | 0.054489 | 0.11062 |