

```

GET
FILE='\\unimaas.n\users\employees\alberto.cassese\data\Desktop\clean file _long.sav'.
DATASET NAME DataSet1 WINDOW=FRONT.
COMPUTE time_ref=(-1) * time.
EXECUTE.
MIXED SPANE BY CONDITION SEX EXCHANGE time_ref WITH AGE
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000000
01) HCONVERGE(0,
  ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
/FIXED=CONDITION time_ref CONDITION*time_ref SEX EXCHANGE AGE | SSTYPE(3)
/METHOD=REML
/PRINT=SOLUTION
/RANDOM=INTERCEPT | SUBJECT(ID) COVTYPE(VC)
/REPEATED=time | SUBJECT(ID) COVTYPE(ID).

```

Mixed Model Analysis

Notes

Output Created		28-SEP-2022 18:02:25
Comments		
Input	Data	\\unimaas.n\users\employees\alberto.cassese\data\Desktop\clean file _long.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	297
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Notes

Syntax	<pre> MIXED SPANE BY CONDITION SEX EXCHANGE time_ref WITH AGE /CRITERIA=CIN(95) MXITER(100) MXSTEP (10) SCORING(1) SINGULAR (0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=CONDITION time_ref CONDITION*time_ref SEX EXCHANGE AGE SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /RANDOM=INTERCEPT SUBJECT(ID) COVTYPE (VC) /REPEATED=time SUBJECT(ID) COVTYPE (ID). </pre>				
Resources	<table> <tr> <td data-bbox="502 1108 821 1153">Processor Time</td><td data-bbox="821 1108 1144 1153">00:00:00,08</td></tr> <tr> <td data-bbox="502 1153 821 1196">Elapsed Time</td><td data-bbox="821 1153 1144 1196">00:00:00,10</td></tr> </table>	Processor Time	00:00:00,08	Elapsed Time	00:00:00,10
Processor Time	00:00:00,08				
Elapsed Time	00:00:00,10				

[DataSet1] \\unimaas.nl\users\employees\alberto.cassese\data\Desktop\clean
file _long.sav

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	CONDITION	3		2
	time_ref	3		2
	CONDITION * time_ref	9		4
	SEX	2		1
	EXCHANGE	2		1
	AGE	1		1
Random Effects	Intercept ^b	1	Variance Components	1
Repeated Effects	time	3	Identity	1
Total		25		14

Model Dimension^a

		Subject Variables	Number of Subjects
Fixed Effects	Intercept		
	CONDITION		
	time_ref		
	CONDITION * time_ref		
	SEX		
	EXCHANGE		
	AGE		
Random Effects	Intercept ^b	ID	
Repeated Effects	time	ID	99
Total			

a. Dependent Variable: SPANE.

b. As of version 11.5, the syntax rules for the RANDOM subcommand have changed. Your command syntax may yield results that differ from those produced by prior versions. If you are using version 11 syntax, please consult the current syntax reference guide for more information.

Information Criteria^a

-2 Restricted Log Likelihood	1473,734
Akaike's Information Criterion (AIC)	1477,734
Hurvich and Tsai's Criterion (AICC)	1477,786
Bozdogan's Criterion (CAIC)	1486,645
Schwarz's Bayesian Criterion (BIC)	1484,645

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: SPANE.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	92,126	,155	,695
CONDITION	2	98,139	,969	,383
time_ref	2	150,769	27,690	,000
CONDITION * time_ref	4	151,024	4,042	,004
SEX	1	98,839	,047	,829
EXCHANGE	1	96,591	2,323	,131
AGE	1	90,563	2,239	,138

a. Dependent Variable: SPANE.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	-1,193563	4,025540	93,187	-,296	,768	-9,187275
[CONDITION=1]	-,631056	1,592561	129,296	-,396	,693	-3,781908
[CONDITION=2]	-,563311	1,665544	129,317	-,338	,736	-3,858554
[CONDITION=3]	0 ^b	0	.	.	.	.
[time_ref=-3]	2,118865	,980711	152,874	2,161	,032	,181368
[time_ref=-2]	,242999	,952164	152,357	,255	,799	-1,638150
[time_ref=-1]	0 ^b	0	.	.	.	.
[CONDITION=1] * [time_ref=-3]	1,811616	1,330924	152,137	1,361	,175	-,817864
[CONDITION=1] * [time_ref=-2]	3,868800	1,302471	151,725	2,970	,003	1,295478
[CONDITION=1] * [time_ref=-1]	0 ^b	0	.	.	.	.
[CONDITION=2] * [time_ref=-3]	4,538939	1,504396	154,890	3,017	,003	1,567158
[CONDITION=2] * [time_ref=-2]	3,600788	1,419271	154,191	2,537	,012	,797062
[CONDITION=2] * [time_ref=-1]	0 ^b	0	.	.	.	.
[CONDITION=3] * [time_ref=-3]	0 ^b	0	.	.	.	.
[CONDITION=3] * [time_ref=-2]	0 ^b	0	.	.	.	.
[CONDITION=3] * [time_ref=-1]	0 ^b	0	.	.	.	.
[SEX=1]	-,295806	1,366996	98,839	-,216	,829	-3,008279
[SEX=2]	0 ^b	0	.	.	.	.
[EXCHANGE=1]	1,900087	1,246756	96,591	1,524	,131	-,574510
[EXCHANGE=2]	0 ^b	0	.	.	.	.
AGE	,239622	,160140	90,563	1,496	,138	-,078497

Estimates of Fixed Effects^a

Parameter	95% Confidence .
	Upper Bound
Intercept	6,800149
[CONDITION=1]	2,519796
[CONDITION=2]	2,731932
[CONDITION=3]	.
[time_ref=-3]	4,056361
[time_ref=-2]	2,124148
[time_ref=-1]	.
[CONDITION=1] * [time_ref=-3]	4,441096
[CONDITION=1] * [time_ref=-2]	6,442122
[CONDITION=1] * [time_ref=-1]	.
[CONDITION=2] * [time_ref=-3]	7,510721
[CONDITION=2] * [time_ref=-2]	6,404514
[CONDITION=2] * [time_ref=-1]	.
[CONDITION=3] * [time_ref=-3]	.
[CONDITION=3] * [time_ref=-2]	.
[CONDITION=3] * [time_ref=-1]	.
[SEX=1]	2,416666
[SEX=2]	.
[EXCHANGE=1]	4,374685
[EXCHANGE=2]	.
AGE	,557740

a. Dependent Variable: SPANE.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error
Repeated Measures	Variance	12,137387	1,424707
Intercept [subject = ID]	Variance	31,241910	5,329801

a. Dependent Variable: SPANE.