```
 DATASET ACTIVATE DataSet2.
MIXED quality BY nonconformism WITH ABA_LENGTH_MEAN
  /CRITERIA=DFMETHOD(SATTERTHWAITE) CIN(95) MXITER(100) MXSTEP(10) SCORING(
1)
    SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE)
PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=nonconformism ABA_LENGTH_MEAN nonconformism*ABA_LENGTH_MEAN | SSTY
PE(3)
  /METHOD=REML
  /PRINT=SOLUTION TESTCOV
  /RANDOM=INTERCEPT | SUBJECT(GROUP_NO) COVTYPE(VC).
```

Mixed Model Analysis

Notes

Output Created		**09-NOV-2021 10:47...**
Comments		
Input	**Data**	**/Users/karo/Documents /DOKTORAT BADANIA ARTYKULY/art MINE OR THINE/DANE/abortion aggr person level.sav**
	Active Dataset	**DataSet2**
	File Label	**Aggregated File**
	Filter	**<none>**
	Weight	**<none>**
	Split File	**<none>**
	N of Rows in Working Data File	**32**
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		MIXED quality BY nonconformism WITH ABA_LENGTH_MEAN /CRITERIA=DFMETHOD (SATTERTHWAITE) CIN (95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR (0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE (0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=nonconformism ABA_LENGTH_MEAN nonconformism*ABA_LENGTH_MEAN | SSTYPE (3) /METHOD=REML /PRINT=SOLUTION TESTCOV /RANDOM=INTERCEPT | SUBJECT(GROUP_NO) COVTYPE(VC).
Resources	Processor Time	00:00:00.01
	Elapsed Time	00:00:00.00

[DataSet2] /Users/karo/Documents/DOKTORAT BADANIA ARTYKULY/art MINE OR THIN E/DANE/abortion aggr person level.sav

Model Dimension[a]

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	nonconformism	2		1
	ABA_LENGTH_MEAN	1		1
	nonconformism * ABA_LENGTH_MEAN	2		1
Random Effects	Intercept[b]	1	Variance Components	1
Residual				1
Total		7		6

Model Dimension[a]

		Subject Variables
Fixed Effects	Intercept	
	nonconformism	
	ABA_LENGTH_MEAN	
	nonconformism * ABA_LENGTH_MEAN	
Random Effects	Intercept[b]	GROUP_NO
Residual		
Total		

a. Dependent Variable: quality.

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 Criteria[a]

-2 Restricted Log Likelihood	175,397
Akaike's Information Criterion (AIC)	179,397
Hurvich and Tsai's Criterion (AICC)	179,877
Bozdogan's Criterion (CAIC)	184,061
Schwarz's Bayesian Criterion (BIC)	182,061

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

a. Dependent Variable: quality.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	28,000	144,446	,000
nonconformism	1	27,884	3,995	,055
ABA_LENGTH_MEAN	1	26,555	14,462	,001
nonconformism * ABA_LENGTH_MEAN	1	27,790	5,902	,022

a. Dependent Variable: quality.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	41,623884	6,421544	27,040	6,482	,000
[nonconformism=.00]	17,538437	8,774786	27,884	1,999	,055
[nonconformism=1.00]	0[b]	0	.	.	.
ABA_LENGTH_MEAN	-2,211003	2,921477	27,673	-,757	,456
[nonconformism=.00] * ABA_LENGTH_MEAN	-10,276298	4,230040	27,790	-2,429	,022
[nonconformism=1.00] * ABA_LENGTH_MEAN	0[b]	0	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	28,448867	54,798901
[nonconformism=.00]	-,439270	35,516144
[nonconformism=1.00]	.	.
ABA_LENGTH_MEAN	-8,198564	3,776558
[nonconformism=.00] * ABA_LENGTH_MEAN	-18,944099	-1,608496
[nonconformism=1.00] * ABA_LENGTH_MEAN	.	.

a. Dependent Variable: quality.

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

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter		Estimate	Std. Error	Wald Z	Sig.
Residual		18,613676	5,744878	3,240	,001
Intercept [subject = GROUP_NO]	Variance	8,305969	7,686010	1,081	,280

Estimates of Covariance Parameters[a]

Parameter		95% Confidence Interval	
		Lower Bound	Upper Bound
Residual		10,165283	34,083550
Intercept [subject = GROUP_NO]	Variance	1,354324	50,939890

a. Dependent Variable: quality.

```
MIXED quality BY nonconformism WITH ABA_length_cubic
  /CRITERIA=DFMETHOD(SATTERTHWAITE) CIN(95) MXITER(100) MXSTEP(10) SCORING(
1)
    SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE)
PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=nonconformism ABA_length_cubic nonconformism*ABA_length_cubic | SS
TYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION TESTCOV
```

Mixed Model Analysis

Notes

Output Created		**09-NOV-2021 10:48...**
Comments		
Input	**Data**	**/Users/karo/Documents /DOKTORAT BADANIA ARTYKULY/art MINE OR THINE/DANE/abortion aggr person level.sav**
	Active Dataset	**DataSet2**
	File Label	**Aggregated File**
	Filter	**<none>**
	Weight	**<none>**
	Split File	**<none>**
	N of Rows in Working Data File	**32**
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		MIXED quality BY nonconformism WITH ABA_length_cubic /CRITERIA=DFMETHOD (SATTERTHWAITE) CIN (95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR (0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE (0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=nonconformism ABA_length_cubic nonconformism*ABA_length_cubic | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION TESTCOV /RANDOM=INTERCEPT | SUBJECT(GROUP_NO) COVTYPE(VC).
Resources	Processor Time	00:00:00.01
	Elapsed Time	00:00:00.00

Model Dimension[a]

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	nonconformism	2		1
	ABA_length_cubic	1		1
	nonconformism * ABA_length_cubic	2		1
Random Effects	Intercept[b]	1	Variance Components	1
Residual				1
Total		7		6

Model Dimension[a]

		Subject Variables
Fixed Effects	Intercept	
	nonconformism	
	ABA_length_cubic	
	nonconformism * ABA_length_cubic	
Random Effects	Intercept[b]	GROUP_NO
Residual		
Total		

a. Dependent Variable: quality.

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 Criteria[a]

-2 Restricted Log Likelihood	187,146
Akaike's Information Criterion (AIC)	191,146
Hurvich and Tsai's Criterion (AICC)	191,626
Bozdogan's Criterion (CAIC)	195,811
Schwarz's Bayesian Criterion (BIC)	193,811

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

a. Dependent Variable: quality.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	15,710	472,846	,000
nonconformism	1	27,857	,968	,334
ABA_length_cubic	1	26,399	16,486	,000
nonconformism * ABA_length_cubic	1	27,969	6,524	,016

a. Dependent Variable: quality.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	38,746194	2,637587	22,368	14,690	,000
[nonconformism=.00]	3,135922	3,187013	27,857	,984	,334
[nonconformism=1.00]	0[b]	0	.	.	.
ABA_length_cubic	-,161870	,170025	27,731	-,952	,349
[nonconformism=.00] * ABA_length_cubic	-,700635	,274316	27,969	-2,554	,016
[nonconformism=1.00] * ABA_length_cubic	0[b]	0	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	33,281392	44,210996
[nonconformism=.00]	-3,393891	9,665736
[nonconformism=1.00]	.	.
ABA_length_cubic	-,510303	,186563
[nonconformism=.00] * ABA_length_cubic	-1,262574	-,138695
[nonconformism=1.00] * ABA_length_cubic	.	.

a. Dependent Variable: quality.

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

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter		Estimate	Std. Error	Wald Z	Sig.
Residual		18,822118	5,782740	3,255	,001
Intercept [subject = GROUP_NO]	Variance	9,301464	8,138153	1,143	,253

Estimates of Covariance Parameters[a]

Parameter		95% Confidence Interval	
		Lower Bound	Upper Bound
Residual		10,307490	34,370359
Intercept [subject = GROUP_NO]	Variance	1,674201	51,676745

a. Dependent Variable: quality.