

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters	Subject Variables
Fixed Effects	Intercept	1		1	
	Region_IND	1		1	
	RMC_IND	1		1	
Random Effects	Intercept ^b	1	Variance Components	1	MLMGrp
Residual				1	
Total		4		5	

a. Dependent Variable: nPSE.

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	1205.150
Akaike's Information Criterion (AIC)	1209.150
Hurvich and Tsai's Criterion (AICC)	1209.178
Bozdogan's Criterion (CAIC)	1219.282
Schwarz's Bayesian Criterion (BIC)	1217.282

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

a. Dependent Variable: nPSE.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	1.836	.332	.627
Region_IND	1	1.673	.005	.950
RMC_IND	1	427.104	1.259	.263

a. Dependent Variable: nPSE.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	.852328	1.479777	1.836	.576	.627	-6.092785
Region_IND	.020930	.289422	1.673	.072	.950	-1.489363
RMC_IND	-.066549	.059314	427.104	-1.122	.263	-.183133

Estimates of Fixed Effects^a

Parameter	95% Confidence . Upper Bound
Intercept	7.797441
Region_IND	1.531224
RMC_IND	.050035

a. Dependent Variable: nPSE.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.
Residual		.927970	.063501	14.613	<.001
Intercept [subject = MLMGrp]	Variance	.000605	.012657	.048	.962

Estimates of Covariance Parameters^a

Parameter		95% Confidence Interval	
		Lower Bound	Upper Bound
Residual		.811495	1.061163
Intercept [subject = MLMGrp]	Variance	.000000	3.955E+14

a. Dependent Variable: nPSE.

Random Effect Covariance Structure (G^a)

	Intercept MLMGrp
Intercept MLMGrp	.000605

Variance Components

a. Dependent Variable: nPSE.

Mixed Model Analysis

Warnings

The final Hessian matrix is not positive definite although all convergence criteria are satisfied. The MIXED procedure continues despite this warning. Validity of subsequent results cannot be ascertained.

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters	Subject Variables
Fixed Effects	Intercept	1		1	
	Region_IND	1		1	
	RMC_IND	1		1	
Random Effects	Intercept ^b	1	Variance Components	1	MLMGrp
Residual				1	
Total		4		5	

a. Dependent Variable: nNSE.

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	303.785
Akaike's Information Criterion (AIC)	307.785
Hurvich and Tsai's Criterion (AICC)	307.813
Bozdogan's Criterion (CAIC)	317.917
Schwarz's Bayesian Criterion (BIC)	315.917

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

a. Dependent Variable: nNSE.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	431.000	.094	.760
Region_IND	1	431.000	.007	.934
RMC_IND	1	431	.418	.518

a. Dependent Variable: nNSE.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	.155144	.506650	431.000	.306	.760	-.840667
Region_IND	-.008255	.098966	431.000	-.083	.934	-.202771
RMC_IND	-.013483	.020850	431	-.647	.518	-.054463

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
Intercept	1.150956
Region_IND	.186261
RMC_IND	.027496

a. Dependent Variable: nNSE.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.
Residual	.114661	.007811	14.680	<.001
Intercept [subject = MLMGrp] Variance	.000000 ^b	.000000	.	.

Estimates of Covariance Parameters^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Residual	.100330	.131039
Intercept [subject = MLMGrp] Variance	.	.

a. Dependent Variable: nNSE.

b. This covariance parameter is redundant. The test statistic and confidence interval cannot be computed.

Random Effect Covariance Structure (G)^a

Intercept MLMGrp	
Intercept MLMGrp	.000000

Variance Components

a. Dependent Variable: nNSE.

Mixed Model Analysis

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Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters	Subject Variables
Fixed Effects	Intercept	1		1	
	Region_IND	1		1	
	RMC_IND	1		1	
Random Effects	Intercept ^b	1	Variance Components	1	MLMGrp
Residual				1	
Total		4		5	

a. Dependent Variable: nPSD.

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	686.642
Akaike's Information Criterion (AIC)	690.642
Hurvich and Tsai's Criterion (AICC)	690.670
Bozdogan's Criterion (CAIC)	700.774
Schwarz's Bayesian Criterion (BIC)	698.774

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

a. Dependent Variable: nPSD.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	431.000	.001	.975
Region_IND	1	431.000	.118	.731
RMC_IND	1	431.000	1.613	.205

a. Dependent Variable: nPSD.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	-.024934	.789950	431.000	-.032	.975	-1.577567
Region_IND	.053056	.154304	431.000	.344	.731	-.250226
RMC_IND	.041293	.032508	431.000	1.270	.205	-.022601

Estimates of Fixed Effects^a

Parameter	95% Confidence . Upper Bound
Intercept	1.527699
Region_IND	.356338
RMC_IND	.105187

a. Dependent Variable: nPSD.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.
Residual	.278740	.018988	14.680	<.001
Intercept [subject = MLMGrp] Variance	.000000 ^b	.000000	.	.

Estimates of Covariance Parameters^a

Parameter	95% Confidence Interval Lower Bound	Upper Bound
Residual	.243902	.318555
Intercept [subject = MLMGrp] Variance	.	.

- a. Dependent Variable: nPSD.
- b. This covariance parameter is redundant. The test statistic and confidence interval cannot be computed.

Random Effect Covariance Structure (G)^a

Intercept MLMGrp	
Intercept MLMGrp	.000000

Variance Components

- a. Dependent Variable: nPSD.

Mixed Model Analysis

Warnings

The final Hessian matrix is not positive definite although all convergence criteria are satisfied. The MIXED procedure continues despite this warning. Validity of subsequent results cannot be ascertained.

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters	Subject Variables
Fixed Effects	Intercept	1		1	
	Region_IND	1		1	
	RMC_IND	1		1	
Random Effects	Intercept ^b	1	Variance Components	1	MLMGrp
Residual				1	
Total		4		5	

- a. Dependent Variable: nNSD.
- 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	49.986
Akaike's Information Criterion (AIC)	53.986
Hurvich and Tsai's Criterion (AICC)	54.014
Bozdogan's Criterion (CAIC)	64.118
Schwarz's Bayesian Criterion (BIC)	62.118

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

a. Dependent Variable: nNSD.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	431.000	4.935	.027
Region_IND	1	431.000	5.584	.019
RMC_IND	1	431	.004	.949

a. Dependent Variable: nNSD.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	-.838430	.377432	431.000	-2.221	.027	-1.580266
Region_IND	.174216	.073725	431.000	2.363	.019	.029310
RMC_IND	.001001	.015532	431	.064	.949	-.029527

Estimates of Fixed Effects^a

Parameter	95% Confidence . Upper Bound
Intercept	-.096595
Region_IND	.319121
RMC_IND	.031529

a. Dependent Variable: nNSD.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.
Residual	.063632	.004335	14.680	<.001
Intercept [subject = MLMGrp] Variance	.000000 ^b	.000000	.	.

Estimates of Covariance Parameters^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Residual	.055679	.072721
Intercept [subject = MLMGrp] Variance	.	.

a. Dependent Variable: nNSD.

b. This covariance parameter is redundant. The test statistic and confidence interval cannot be computed.

Random Effect Covariance Structure (G)^a

	Intercept MLMGrp
Intercept MLMGrp	.000000

Variance Components

a. Dependent Variable: nNSD.

Mixed Model Analysis

Warnings

The final Hessian matrix is not positive definite although all convergence criteria are satisfied. The MIXED procedure continues despite this warning. Validity of subsequent results cannot be ascertained.

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters	Subject Variables
Fixed Effects	Intercept	1		1	
	Region_IND	1		1	
	RMC_IND	1		1	
Random Effects	Intercept ^b	1	Variance Components	1	MLMGrp
Residual				1	
Total		4		5	

a. Dependent Variable: nAest.

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	1375.774
Akaike's Information Criterion (AIC)	1379.774
Hurvich and Tsai's Criterion (AICC)	1379.802
Bozdogan's Criterion (CAIC)	1389.907
Schwarz's Bayesian Criterion (BIC)	1387.907

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

a. Dependent Variable: nAest.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	431.000	.288	.592
Region_IND	1	431.000	.039	.843
RMC_IND	1	431.000	.701	.403

a. Dependent Variable: nAest.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	.942357	1.757112	431.000	.536	.592	-2.511218
Region_IND	.068005	.343224	431.000	.198	.843	-.606596
RMC_IND	-.060556	.072309	431.000	-.837	.403	-.202678

Estimates of Fixed Effects^a

Parameter	95% Confidence . Upper Bound
Intercept	4.395931
Region_IND	.742606
RMC_IND	.081566

a. Dependent Variable: nAest.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.
Residual	1.379114	.093946	14.680	<.001
Intercept [subject = MLMGrp] Variance	.000000 ^b	.000000	.	.

Estimates of Covariance Parameters^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Residual	1.206746	1.576101
Intercept [subject = MLMGrp] Variance	.	.

a. Dependent Variable: nAest.

b. This covariance parameter is redundant. The test statistic and confidence interval cannot be computed.

Random Effect Covariance Structure (G)^a

Intercept MLMGrp	
Intercept MLMGrp	.000000

Variance Components

a. Dependent Variable: nAest.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters	Subject Variables
Fixed Effects	Intercept	1		1	
	Region_IND	1		1	
	RMC_IND	1		1	
Random Effects	Intercept ^b	1	Variance Components	1	MLMGrp
Residual				1	
Total		4		5	

a. Dependent Variable: nPGE.

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	1592.777
Akaike's Information Criterion (AIC)	1596.777
Hurvich and Tsai's Criterion (AICC)	1596.805
Bozdogan's Criterion (CAIC)	1606.909
Schwarz's Bayesian Criterion (BIC)	1604.909

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

a. Dependent Variable: nPGE.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	8.355	.097	.763
Region_IND	1	8.132	.651	.443
RMC_IND	1	425.722	.009	.926

a. Dependent Variable: nPGE.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	-1.097585	3.516033	8.355	-.312	.763	-9.146000
Region_IND	.561615	.696325	8.132	.807	.443	-1.039583
RMC_IND	.008581	.092584	425.722	.093	.926	-.173399

Estimates of Fixed Effects^a

Parameter	95% Confidence . Upper Bound
Intercept	6.950831
Region_IND	2.162812
RMC_IND	.190560

a. Dependent Variable: nPGE.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.
Residual	2.260953	.154968	14.590	<.001
Intercept [subject = MLMGrp] Variance	.065061	.076021	.856	.392

Estimates of Covariance Parameters^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Residual	1.976738	2.586033
Intercept [subject = MLMGrp] Variance	.006587	.642570

a. Dependent Variable: nPGE.

Random Effect Covariance Structure (G^g)

	Intercept MLMGrp
Intercept MLMGrp	.065061

Variance Components

a. Dependent Variable: nPGE.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters	Subject Variables
Fixed Effects	Intercept	1		1	
	Region_IND	1		1	
	RMC_IND	1		1	
Random Effects	Intercept ^b	1	Variance Components	1	MLMGrp
Residual				1	
Total		4		5	

a. Dependent Variable: nNGE.

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	898.467
Akaike's Information Criterion (AIC)	902.467
Hurvich and Tsai's Criterion (AICC)	902.495
Bozdogan's Criterion (CAIC)	912.599
Schwarz's Bayesian Criterion (BIC)	910.599

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

a. Dependent Variable: nNGE.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	10.878	.083	.778
Region_IND	1	10.554	.016	.903
RMC_IND	1	427.266	.052	.819

a. Dependent Variable: nNGE.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	.443145	1.534377	10.878	.289	.778	-2.938641
Region_IND	-.037834	.303766	10.554	-.125	.903	-.709879
RMC_IND	-.009477	.041389	427.266	-.229	.819	-.090829

Estimates of Fixed Effects^a

Parameter	95% Confidence . Upper Bound
Intercept	3.824930
Region_IND	.634211
RMC_IND	.071875

a. Dependent Variable: nNGE.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.
Residual		.451846	.030914	14.616	<.001
Intercept [subject = MLMGrp]	Variance	.011575	.012082	.958	.338

Estimates of Covariance Parameters^a

Parameter		95% Confidence Interval	
		Lower Bound	Upper Bound
Residual		.395142	.516687
Intercept [subject = MLMGrp]	Variance	.001496	.089536

a. Dependent Variable: nNGE.

Random Effect Covariance Structure (G^a)

	Intercept MLMGrp
Intercept MLMGrp	.011575

Variance Components

a. Dependent Variable: nNGE.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters	Subject Variables
Fixed Effects	Intercept	1		1	
	Region_IND	1		1	
	RMC_IND	1		1	
Random Effects	Intercept ^b	1	Variance Components	1	MLMGrp
Residual				1	
Total		4		5	

a. Dependent Variable: iPSE.

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	2174.166
Akaike's Information Criterion (AIC)	2178.166
Hurvich and Tsai's Criterion (AICC)	2178.194
Bozdogan's Criterion (CAIC)	2188.298
Schwarz's Bayesian Criterion (BIC)	2186.298

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

a. Dependent Variable: iPSE.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	2.685	.017	.906
Region_IND	1	2.509	.311	.623
RMC_IND	1	425.417	.057	.811

a. Dependent Variable: iPSE.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	.683853	5.276951	2.685	.130	.906	-17.281779
Region_IND	.578762	1.038348	2.509	.557	.623	-3.123345
RMC_IND	-.043593	.182341	425.417	-.239	.811	-.401994

Estimates of Fixed Effects^a

Parameter	95% Confidence . Upper Bound
Intercept	18.649485
Region_IND	4.280870
RMC_IND	.314808

a. Dependent Variable: iPSE.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.
Residual	8.769711	.601302	14.585	<.001
Intercept [subject = MLMGrp] Variance	.051690	.177482	.291	.771

Estimates of Covariance Parameters^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Residual	7.666938	10.031102
Intercept [subject = MLMGrp] Variance	.000062	43.259583

a. Dependent Variable: iPSE.

Random Effect Covariance Structure (G^g)

	Intercept MLMGrp
Intercept MLMGrp	.051690

Variance Components

a. Dependent Variable: iPSE.

Mixed Model Analysis

Warnings

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Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters	Subject Variables
Fixed Effects	Intercept	1		1	
	Region_IND	1		1	
	RMC_IND	1		1	
Random Effects	Intercept ^b	1	Variance Components	1	MLMGrp
Residual				1	
Total		4		5	

a. Dependent Variable: iNSE.

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	1743.980
Akaike's Information Criterion (AIC)	1747.980
Hurvich and Tsai's Criterion (AICC)	1748.008
Bozdogan's Criterion (CAIC)	1758.112
Schwarz's Bayesian Criterion (BIC)	1756.112

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

a. Dependent Variable: iNSE.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	431.000	.008	.927
Region_IND	1	431.000	.018	.895
RMC_IND	1	431	.184	.668

a. Dependent Variable: iNSE.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	.247379	2.693453	431.000	.092	.927	-5.046559
Region_IND	.069635	.526123	431.000	.132	.895	-.964452
RMC_IND	-.047547	.110841	431	-.429	.668	-.265403

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
Intercept	5.541316
Region_IND	1.103722
RMC_IND	.170310

a. Dependent Variable: iNSE.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.
Residual	3.240559	.220748	14.680	<.001
Intercept [subject = MLMGrp]	Variance .000000 ^b	.000000	.	.

Estimates of Covariance Parameters^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Residual	2.835541	3.703429
Intercept [subject = MLMGrp]	Variance .	.

a. Dependent Variable: iNSE.

b. This covariance parameter is redundant. The test statistic and confidence interval cannot be computed.

Random Effect Covariance Structure (G^a)

Intercept MLMGrp	
Intercept MLMGrp	.000000

Variance Components

a. Dependent Variable: iNSE.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters	Subject Variables
Fixed Effects	Intercept	1		1	
	Region_IND	1		1	
	RMC_IND	1		1	
Random Effects	Intercept ^b	1	Variance Components	1	MLMGrp
Residual				1	
Total		4		5	

a. Dependent Variable: iPSD.

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	2011.799
Akaike's Information Criterion (AIC)	2015.799
Hurvich and Tsai's Criterion (AICC)	2015.827
Bozdogan's Criterion (CAIC)	2025.927
Schwarz's Bayesian Criterion (BIC)	2023.927

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

a. Dependent Variable: iPSD.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	2.367	.056	.831
Region_IND	1	2.162	.006	.947
RMC_IND	1	426.787	1.722	.190

a. Dependent Variable: iPSD.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	.910950	3.836036	2.367	.237	.831	-13.367178
Region_IND	.055715	.750689	2.162	.074	.947	-2.952570
RMC_IND	.199489	.152022	426.787	1.312	.190	-.099316

Estimates of Fixed Effects^a

Parameter	95% Confidence . Upper Bound
Intercept	15.189079
Region_IND	3.064000
RMC_IND	.498293

a. Dependent Variable: iPSD.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.
Residual	6.095016	.417238	14.608	<.001
Intercept [subject = MLMGrp] Variance	.005729	.076492	.075	.940

Estimates of Covariance Parameters^a

Parameter	95% Confidence Interval Lower Bound	Upper Bound
Residual	5.329731	6.970186
Intercept [subject = MLMGrp] Variance	.000000	1.3290E+9

a. Dependent Variable: iPSD.

Random Effect Covariance Structure (G^a)

Intercept |
MLMGrp

Intercept MLMGrp	.005729
--------------------	---------

Variance Components

a. Dependent Variable: iPSD.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters	Subject Variables
Fixed Effects	Intercept	1		1	
	Region_IND	1		1	
	RMC_IND	1		1	
Random Effects	Intercept ^b	1	Variance Components	1	MLMGrp
Residual				1	
Total		4		5	

a. Dependent Variable: iNSD.

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	1312.014
Akaike's Information Criterion (AIC)	1316.014
Hurvich and Tsai's Criterion (AICC)	1316.042
Bozdogan's Criterion (CAIC)	1326.147
Schwarz's Bayesian Criterion (BIC)	1324.147

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

a. Dependent Variable: iNSD.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	1.155	3.952	.270
Region_IND	1	1.061	4.493	.269
RMC_IND	1	423.135	.027	.869

a. Dependent Variable: iNSD.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	-3.491453	1.756227	1.155	-1.988	.270	-19.841971
Region_IND	.729672	.344231	1.061	2.120	.269	-3.090972
RMC_IND	.011046	.067122	423.135	.165	.869	-.120888

Estimates of Fixed Effects^a

Parameter	95% Confidence . Upper Bound
Intercept	12.859066
Region_IND	4.550316
RMC_IND	.142979

a. Dependent Variable: iNSD.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.
Residual	1.188344	.081699	14.545	<.001
Intercept [subject = MLMGrp] Variance	.002393	.024622	.097	.923

Estimates of Covariance Parameters^a

Parameter	95% Confidence Interval Lower Bound	Upper Bound
Residual	1.038537	1.359762
Intercept [subject = MLMGrp] Variance	.000000	1373758.90

a. Dependent Variable: iNSD.

Random Effect Covariance Structure (G)^a

Intercept MLMGrp	
Intercept MLMGrp	.002393

Variance Components

a. Dependent Variable: iNSD.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters	Subject Variables
Fixed Effects	Intercept	1		1	
	Region_IND	1		1	
	RMC_IND	1		1	
Random Effects	Intercept ^b	1	Variance Components	1	MLMGrp
Residual				1	
Total		4		5	

a. Dependent Variable: iAest.

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	2141.792
Akaike's Information Criterion (AIC)	2145.792
Hurvich and Tsai's Criterion (AICC)	2145.820
Bozdogan's Criterion (CAIC)	2155.925
Schwarz's Bayesian Criterion (BIC)	2153.925

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

a. Dependent Variable: iAest.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	1.311	3.670	.258
Region_IND	1	1.223	1.131	.454
RMC_IND	1	420.116	.896	.344

a. Dependent Variable: iAest.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	9.655245	5.040081	1.311	1.916	.258	-27.637490
Region_IND	-1.054554	.991448	1.223	-1.064	.454	-9.335068
RMC_IND	.166238	.175633	420.116	.947	.344	-.178991

Estimates of Fixed Effects^a

Parameter	95% Confidence . Upper Bound
Intercept	46.947981
Region_IND	7.225960
RMC_IND	.511468

a. Dependent Variable: iAest.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.
Residual	8.136356	.561385	14.493	<.001
Intercept [subject = MLMGrp] Variance	.044800	.228206	.196	.844

Estimates of Covariance Parameters^a

Parameter	95% Confidence Interval Lower Bound	Upper Bound
Residual	7.107216	9.314517
Intercept [subject = MLMGrp] Variance	.000002	970.983110

a. Dependent Variable: iAest.

Random Effect Covariance Structure (G^a)

Intercept MLMGrp	
Intercept MLMGrp	.044800

Variance Components

a. Dependent Variable: iAest.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters	Subject Variables
Fixed Effects	Intercept	1		1	
	Region_IND	1		1	
	RMC_IND	1		1	
Random Effects	Intercept ^b	1	Variance Components	1	MLMGrp
Residual				1	
Total		4		5	

a. Dependent Variable: iPGE.

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	2051.521
Akaike's Information Criterion (AIC)	2055.521
Hurvich and Tsai's Criterion (AICC)	2055.549
Bozdogan's Criterion (CAIC)	2065.653
Schwarz's Bayesian Criterion (BIC)	2063.653

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

a. Dependent Variable: iPGE.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	8.799	.787	.399
Region_IND	1	8.508	.003	.958
RMC_IND	1	426.735	5.829	.016

a. Dependent Variable: iPGE.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	5.066022	5.709686	8.799	.887	.399	-7.895345
Region_IND	-.061465	1.129929	8.508	-.054	.958	-2.640264
RMC_IND	.380870	.157751	426.735	2.414	.016	.070805

Estimates of Fixed Effects^a

Parameter	95% Confidence . Upper Bound
Intercept	18.027389
Region_IND	2.517335
RMC_IND	.690936

a. Dependent Variable: iPGE.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.
Residual	6.563879	.449362	14.607	<.001
Intercept [subject = MLMGrp] Variance	.149393	.177925	.840	.401

Estimates of Covariance Parameters^a

Parameter	95% Confidence Interval Lower Bound	Upper Bound
Residual	5.739677	7.506434
Intercept [subject = MLMGrp] Variance	.014473	1.542038

a. Dependent Variable: iPGE.

Random Effect Covariance Structure (G)^a

Intercept MLMGrp	
Intercept MLMGrp	.149393

Variance Components

a. Dependent Variable: iPGE.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters	Subject Variables
Fixed Effects	Intercept	1		1	
	Region_IND	1		1	
	RMC_IND	1		1	
Random Effects	Intercept ^b	1	Variance Components	1	MLMGrp
Residual				1	
Total		4		5	

a. Dependent Variable: iNGE.

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	1909.666
Akaike's Information Criterion (AIC)	1913.666
Hurvich and Tsai's Criterion (AICC)	1913.694
Bozdogan's Criterion (CAIC)	1923.798
Schwarz's Bayesian Criterion (BIC)	1921.798

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

a. Dependent Variable: iNGE.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	4.089	.037	.857
Region_IND	1	3.828	.003	.959
RMC_IND	1	427.172	.129	.720

a. Dependent Variable: iNGE.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	.752482	3.917445	4.089	.192	.857	-10.030898
Region_IND	.042218	.771073	3.828	.055	.959	-2.137105
RMC_IND	-.048108	.134149	427.172	-.359	.720	-.311783

Estimates of Fixed Effects^a

Parameter	95% Confidence . Upper Bound
Intercept	11.535861
Region_IND	2.221542
RMC_IND	.215566

a. Dependent Variable: iNGE.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.
Residual	4.746711	.324793	14.615	<.001
Intercept [subject = MLMGrp] Variance	.030014	.080573	.373	.710

Estimates of Covariance Parameters^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Residual	4.150969	5.427954
Intercept [subject = MLMGrp] Variance	.000156	5.786196

a. Dependent Variable: iNGE.

Random Effect Covariance Structure (G)^a

	Intercept MLMGrp
Intercept MLMGrp	.030014

Variance Components

a. Dependent Variable: iNGE.

Mixed Model Analysis

Warnings

The final Hessian matrix is not positive definite although all convergence criteria are satisfied. The MIXED procedure continues despite this warning. Validity of subsequent results cannot be ascertained.

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters	Subject Variables
Fixed Effects	Intercept	1		1	
	Region_INTER	1		1	
	RMC_INTER	1		1	
Random Effects	Intercept ^b	1	Variance Components	1	MLMGrp
Residual				1	
Total		4		5	

a. Dependent Variable: nPSE.

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	1205.473
Akaike's Information Criterion (AIC)	1209.473
Hurvich and Tsai's Criterion (AICC)	1209.501
Bozdogan's Criterion (CAIC)	1219.605
Schwarz's Bayesian Criterion (BIC)	1217.605

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

a. Dependent Variable: nPSE.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	431.000	2.482	.116
Region_INTER	1	431.000	.393	.531
RMC_INTER	1	431.000	1.201	.274

a. Dependent Variable: nPSE.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	1.590813	1.009669	431.000	1.576	.116	-.393675
Region_INTER	-.130947	.208884	431.000	-.627	.531	-.541505
RMC_INTER	.063155	.057630	431.000	1.096	.274	-.050116

Estimates of Fixed Effects^a

Parameter	95% Confidence . Upper Bound
Intercept	3.575301
Region_INTER	.279611
RMC_INTER	.176426

a. Dependent Variable: nPSE.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.
Residual	.927552	.063185	14.680	<.001
Intercept [subject = MLMGrp] Variance	.000000 ^b	.000000	.	.

Estimates of Covariance Parameters^a

Parameter	95% Confidence Interval Lower Bound	Upper Bound
Residual	.811623	1.060040
Intercept [subject = MLMGrp] Variance	.	.

- a. Dependent Variable: nPSE.
- b. This covariance parameter is redundant. The test statistic and confidence interval cannot be computed.

Random Effect Covariance Structure (G^f)

	Intercept MLMGrp
Intercept MLMGrp	.000000

Variance Components

- a. Dependent Variable: nPSE.

Mixed Model Analysis

Warnings

The final Hessian matrix is not positive definite although all convergence criteria are satisfied. The MIXED procedure continues despite this warning. Validity of subsequent results cannot be ascertained.

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters	Subject Variables
Fixed Effects	Intercept	1		1	
	Region_INTER	1		1	
	RMC_INTER	1		1	
Random Effects	Intercept ^b	1	Variance Components	1	MLMGrp
Residual				1	
Total		4		5	

- a. Dependent Variable: nNSE.
- 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	304.600
Akaike's Information Criterion (AIC)	308.600
Hurvich and Tsai's Criterion (AICC)	308.628
Bozdogan's Criterion (CAIC)	318.732
Schwarz's Bayesian Criterion (BIC)	316.732

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

a. Dependent Variable: nNSE.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	431.000	.003	.958
Region_INTER	1	431.000	.138	.711
RMC_INTER	1	431.000	.126	.723

a. Dependent Variable: nNSE.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	-.018751	.355058	431.000	-.053	.958	-.716612
Region_INTER	.027266	.073456	431.000	.371	.711	-.117110
RMC_INTER	-.007196	.020266	431.000	-.355	.723	-.047028

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
Intercept	.679110
Region_INTER	.171642
RMC_INTER	.032637

a. Dependent Variable: nNSE.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.
Residual	.114704	.007814	14.680	<.001
Intercept [subject = MLMGrp] Variance	.000000 ^b	.000000	.	.

Estimates of Covariance Parameters^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Residual	.100368	.131088
Intercept [subject = MLMGrp] Variance	.	.

a. Dependent Variable: nNSE.

b. This covariance parameter is redundant. The test statistic and confidence interval cannot be computed.

Random Effect Covariance Structure (G)^a

	Intercept MLMGrp
Intercept MLMGrp	.000000

Variance Components

a. Dependent Variable: nNSE.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters	Subject Variables
Fixed Effects	Intercept	1		1	
	Region_INTER	1		1	
	RMC_INTER	1		1	
Random Effects	Intercept ^b	1	Variance Components	1	MLMGrp
Residual				1	
Total		4		5	

a. Dependent Variable: nPSD.

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	688.473
Akaike's Information Criterion (AIC)	692.473
Hurvich and Tsai's Criterion (AICC)	692.501
Bozdogan's Criterion (CAIC)	702.605
Schwarz's Bayesian Criterion (BIC)	700.605

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

a. Dependent Variable: nPSD.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	2.259	.148	.733
Region_INTER	1	2.082	.001	.979
RMC_INTER	1	428.023	.537	.464

a. Dependent Variable: nPSD.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	.226008	.586943	2.259	.385	.733	-2.041486
Region_INTER	.003599	.121749	2.082	.030	.979	-.501020
RMC_INTER	.023170	.031625	428.023	.733	.464	-.038990

Estimates of Fixed Effects^a

Parameter	95% Confidence . Upper Bound
Intercept	2.493502
Region_INTER	.508217
RMC_INTER	.085330

a. Dependent Variable: nPSD.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.
Residual	.279322	.019094	14.629	<.001
Intercept [subject = MLMGrp] Variance	.000391	.003540	.110	.912

Estimates of Covariance Parameters^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Residual	.244298	.319367
Intercept [subject = MLMGrp] Variance	.000000	19851.0009

a. Dependent Variable: nPSD.

Random Effect Covariance Structure (G^a)

	Intercept MLMGrp
Intercept MLMGrp	.000391

Variance Components

a. Dependent Variable: nPSD.

Mixed Model Analysis

Warnings

The final Hessian matrix is not positive definite although all convergence criteria are satisfied. The MIXED procedure continues despite this warning. Validity of subsequent results cannot be ascertained.

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters	Subject Variables
Fixed Effects	Intercept	1		1	
	Region_INTER	1		1	
	RMC_INTER	1		1	
Random Effects	Intercept ^b	1	Variance Components	1	MLMGrp
Residual				1	
Total		4		5	

a. Dependent Variable: nNSD.

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	52.078
Akaike's Information Criterion (AIC)	56.078
Hurvich and Tsai's Criterion (AICC)	56.106
Bozdogan's Criterion (CAIC)	66.211
Schwarz's Bayesian Criterion (BIC)	64.211

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

a. Dependent Variable: nNSD.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	431	2.113	.147
Region_INTER	1	431	2.740	.099
RMC_INTER	1	431	1.393	.238

a. Dependent Variable: nNSD.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	-.385015	.264895	431	-1.453	.147	-.905662
Region_INTER	.090712	.054802	431	1.655	.099	-.017001
RMC_INTER	.017848	.015120	431	1.180	.238	-.011870

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
Intercept	.135631
Region_INTER	.198425
RMC_INTER	.047565

a. Dependent Variable: nNSD.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.
Residual	.063845	.004349	14.680	<.001
Intercept [subject = MLMGrp] Variance	.000000 ^b	.000000	.	.

Estimates of Covariance Parameters^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Residual	.055865	.072964
Intercept [subject = MLMGrp] Variance	.	.

a. Dependent Variable: nNSD.

b. This covariance parameter is redundant. The test statistic and confidence interval cannot be computed.

Random Effect Covariance Structure (G)^a

	Intercept MLMGrp
Intercept MLMGrp	.000000

Variance Components

a. Dependent Variable: nNSD.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters	Subject Variables
Fixed Effects	Intercept	1		1	
	Region_INTER	1		1	
	RMC_INTER	1		1	
Random Effects	Intercept ^b	1	Variance Components	1	MLMGrp
Residual				1	
Total		4		5	

a. Dependent Variable: nAest.

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	1376.372
Akaike's Information Criterion (AIC)	1380.372
Hurvich and Tsai's Criterion (AICC)	1380.400
Bozdogan's Criterion (CAIC)	1390.504
Schwarz's Bayesian Criterion (BIC)	1388.504

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

a. Dependent Variable: nAest.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	3.432	.025	.882
Region_INTER	1	3.269	1.031	.379
RMC_INTER	1	427.183	.013	.909

a. Dependent Variable: nAest.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	-.240116	1.505253	3.432	-.160	.882	-4.706700
Region_INTER	.318543	.313713	3.269	1.015	.379	-.634886
RMC_INTER	.008067	.070171	427.183	.115	.909	-.129858

Estimates of Fixed Effects^a

Parameter	95% Confidence . Upper Bound
Intercept	4.226467
Region_INTER	1.271971
RMC_INTER	.145991

a. Dependent Variable: nAest.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.
Residual	1.375186	.094096	14.615	<.001
Intercept [subject = MLMGrp] Variance	.008958	.023914	.375	.708

Estimates of Covariance Parameters^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Residual	1.202593	1.572548
Intercept [subject = MLMGrp] Variance	.000048	1.676864

a. Dependent Variable: nAest.

Random Effect Covariance Structure (G^g)

	Intercept MLMGrp
Intercept MLMGrp	.008958

Variance Components

a. Dependent Variable: nAest.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters	Subject Variables
Fixed Effects	Intercept	1		1	
	Region_INTER	1		1	
	RMC_INTER	1		1	
Random Effects	Intercept ^b	1	Variance Components	1	MLMGrp
Residual				1	
Total		4		5	

a. Dependent Variable: nPGE.

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	1592.462
Akaike's Information Criterion (AIC)	1596.462
Hurvich and Tsai's Criterion (AICC)	1596.490
Bozdogan's Criterion (CAIC)	1606.594
Schwarz's Bayesian Criterion (BIC)	1604.594

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

a. Dependent Variable: nPGE.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	7.100	.098	.763
Region_INTER	1	7.060	.840	.390
RMC_INTER	1	425.568	.659	.417

a. Dependent Variable: nPGE.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	-.900558	2.873035	7.100	-.313	.763	-7.674846
Region_INTER	.551215	.601426	7.060	.917	.390	-.868470
RMC_INTER	.072842	.089740	425.568	.812	.417	-.103545

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
Intercept	5.873729
Region_INTER	1.970900
RMC_INTER	.249230

a. Dependent Variable: nPGE.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.
Residual	2.249092	.154183	14.587	<.001
Intercept [subject = MLMGrp] Variance	.101725	.099877	1.019	.308

Estimates of Covariance Parameters^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Residual	1.966320	2.572528
Intercept [subject = MLMGrp] Variance	.014849	.696892

a. Dependent Variable: nPGE.

Random Effect Covariance Structure (G^g)

	Intercept MLMGrp
Intercept MLMGrp	.101725

Variance Components

a. Dependent Variable: nPGE.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters	Subject Variables
Fixed Effects	Intercept	1		1	
	Region_INTER	1		1	
	RMC_INTER	1		1	
Random Effects	Intercept ^b	1	Variance Components	1	MLMGrp
Residual				1	
Total		4		5	

a. Dependent Variable: nNGE.

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	896.618
Akaike's Information Criterion (AIC)	900.618
Hurvich and Tsai's Criterion (AICC)	900.646
Bozdogan's Criterion (CAIC)	910.750
Schwarz's Bayesian Criterion (BIC)	908.750

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

a. Dependent Variable: nNGE.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	6.215	2.790	.144
Region_INTER	1	6.051	1.989	.208
RMC_INTER	1	427.467	.793	.374

a. Dependent Variable: nNGE.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	1.648532	.986883	6.215	1.670	.144	-.746179
Region_INTER	-.290783	.206200	6.051	-1.410	.208	-.794296
RMC_INTER	.035774	.040168	427.467	.891	.374	-.043178

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
Intercept	4.043242
Region_INTER	.212730
RMC_INTER	.114726

a. Dependent Variable: nNGE.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.
Residual	.450613	.030822	14.620	<.001
Intercept [subject = MLMGrp] Variance	.006520	.009441	.691	.490

Estimates of Covariance Parameters^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Residual	.394076	.515260
Intercept [subject = MLMGrp] Variance	.000382	.111360

a. Dependent Variable: nNGE.

Random Effect Covariance Structure (G^g)

Intercept MLMGrp	
Intercept MLMGrp	.006520

Variance Components

a. Dependent Variable: nNGE.

Mixed Model Analysis

Warnings

The final Hessian matrix is not positive definite although all convergence criteria are satisfied. The MIXED procedure continues despite this warning. Validity of subsequent results cannot be ascertained.

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters	Subject Variables
Fixed Effects	Intercept	1		1	
	Region_INTER	1		1	
	RMC_INTER	1		1	
Random Effects	Intercept ^b	1	Variance Components	1	MLMGrp
Residual				1	
Total		4		5	

a. Dependent Variable: iPSE.

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	2174.771
Akaike's Information Criterion (AIC)	2178.771
Hurvich and Tsai's Criterion (AICC)	2178.799
Bozdogan's Criterion (CAIC)	2188.904
Schwarz's Bayesian Criterion (BIC)	2186.904

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

a. Dependent Variable: iPSE.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	431	2.141	.144
Region_INTER	1	431	.095	.758
RMC_INTER	1	431	.236	.627

a. Dependent Variable: iPSE.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	4.548660	3.108371	431	1.463	.144	-1.560791
Region_INTER	-.198009	.643070	431	-.308	.758	-1.461953
RMC_INTER	.086277	.177420	431	.486	.627	-.262439

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
Intercept	10.658110
Region_INTER	1.065935
RMC_INTER	.434993

a. Dependent Variable: iPSE.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.
Residual	8.791151	.598856	14.680	<.001
Intercept [subject = MLMGrp] Variance	.000000 ^b	.000000	.	.

Estimates of Covariance Parameters^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Residual	7.692396	10.046847
Intercept [subject = MLMGrp] Variance	.	.

a. Dependent Variable: iPSE.

b. This covariance parameter is redundant. The test statistic and confidence interval cannot be computed.

Random Effect Covariance Structure (G)^a

Intercept MLMGrp	
Intercept MLMGrp	.000000

Variance Components

a. Dependent Variable: iPSE.

Mixed Model Analysis

Warnings

The final Hessian matrix is not positive definite although all convergence criteria are satisfied. The MIXED procedure continues despite this warning. Validity of subsequent results cannot be ascertained.

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters	Subject Variables
Fixed Effects	Intercept	1		1	
	Region_INTER	1		1	
	RMC_INTER	1		1	
Random Effects	Intercept ^b	1	Variance Components	1	MLMGrp
Residual				1	
Total		4		5	

a. Dependent Variable: iNSE.

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	1744.538
Akaike's Information Criterion (AIC)	1748.538
Hurvich and Tsai's Criterion (AICC)	1748.566
Bozdogan's Criterion (CAIC)	1758.670
Schwarz's Bayesian Criterion (BIC)	1756.670

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

a. Dependent Variable: iNSE.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	431.000	.029	.865
Region_INTER	1	431.000	.241	.624
RMC_INTER	1	431	.057	.812

a. Dependent Variable: iNSE.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	-.321064	1.886999	431.000	-.170	.865	-4.029929
Region_INTER	.191516	.390389	431.000	.491	.624	-.575786
RMC_INTER	-.025627	.107706	431	-.238	.812	-.237322

Estimates of Fixed Effects^a

Parameter	95% Confidence . Upper Bound
Intercept	3.387802
Region_INTER	.958819
RMC_INTER	.186069

a. Dependent Variable: iNSE.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.
Residual	3.239840	.220699	14.680	<.001
Intercept [subject = MLMGrp] Variance	.000000 ^b	.000000	.	.

Estimates of Covariance Parameters^a

Parameter	95% Confidence Interval Lower Bound	Upper Bound
Residual	2.834911	3.702607
Intercept [subject = MLMGrp] Variance	.	.

- a. Dependent Variable: INSE.
- b. This covariance parameter is redundant. The test statistic and confidence interval cannot be computed.

Random Effect Covariance Structure (G)^a

Intercept MLMGrp	
Intercept MLMGrp	.000000

Variance Components

- a. Dependent Variable: INSE.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters	Subject Variables
Fixed Effects	Intercept	1		1	
	Region_INTER	1		1	
	RMC_INTER	1		1	
Random Effects	Intercept ^b	1	Variance Components	1	MLMGrp
Residual				1	
Total		4		5	

- a. Dependent Variable: iPSD.
- 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	2013.049
Akaike's Information Criterion (AIC)	2017.049
Hurvich and Tsai's Criterion (AICC)	2017.077
Bozdogan's Criterion (CAIC)	2027.177
Schwarz's Bayesian Criterion (BIC)	2025.177

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

- a. Dependent Variable: iPSD.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	1.783	.744	.489
Region_INTER	1	1.628	.169	.729
RMC_INTER	1	426.821	.959	.328

a. Dependent Variable: iPSD.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	2.285633	2.649162	1.783	.863	.489	-10.551505
Region_INTER	-.225273	.548687	1.628	-.411	.729	-3.186365
RMC_INTER	.144791	.147853	426.821	.979	.328	-.145820

Estimates of Fixed Effects^a

Parameter	95% Confidence . Upper Bound
Intercept	15.122771
Region_INTER	2.735820
RMC_INTER	.435402

a. Dependent Variable: iPSD.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.
Residual	6.104790	.417891	14.609	<.001
Intercept [subject = MLMGrp] Variance	.003057	.076912	.040	.968

Estimates of Covariance Parameters^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Residual	5.338306	6.981326
Intercept [subject = MLMGrp] Variance	.000000	7.909E+18

a. Dependent Variable: iPSD.

Random Effect Covariance Structure (G)^a

Intercept |
MLMGrp

Intercept MLMGrp	.003057
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Variance Components

a. Dependent Variable: iPSD.

Mixed Model Analysis

Warnings

The final Hessian matrix is not positive definite although all convergence criteria are satisfied. The MIXED procedure continues despite this warning. Validity of subsequent results cannot be ascertained.

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters	Subject Variables
Fixed Effects	Intercept	1		1	
	Region_INTER	1		1	
	RMC_INTER	1		1	
Random Effects	Intercept ^b	1	Variance Components	1	MLMGrp
Residual				1	
Total		4		5	

a. Dependent Variable: iNSD.

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	1313.788
Akaike's Information Criterion (AIC)	1317.788
Hurvich and Tsai's Criterion (AICC)	1317.816
Bozdogan's Criterion (CAIC)	1327.920
Schwarz's Bayesian Criterion (BIC)	1325.920

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

a. Dependent Variable: iNSD.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	431.000	1.640	.201
Region_INTER	1	431.000	2.212	.138
RMC_INTER	1	431	1.170	.280

a. Dependent Variable: iNSD.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	-1.466086	1.144855	431.000	-1.281	.201	-3.716280
Region_INTER	.352301	.236851	431.000	1.487	.138	-.113227
RMC_INTER	.070669	.065346	431	1.081	.280	-.057768

Estimates of Fixed Effects^a

Parameter	95% Confidence . Upper Bound
Intercept	.784107
Region_INTER	.817828
RMC_INTER	.199106

a. Dependent Variable: iNSD.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.
Residual	1.192562	.081238	14.680	<.001
Intercept [subject = MLMGrp] Variance	.000000 ^b	.000000	.	.

Estimates of Covariance Parameters^a

Parameter	95% Confidence Interval Lower Bound	Upper Bound
Residual	1.043511	1.362904
Intercept [subject = MLMGrp] Variance	.	.

- Dependent Variable: iNSD.
- This covariance parameter is redundant. The test statistic and confidence interval cannot be computed.

Random Effect Covariance Structure (G^f)

Intercept MLMGrp	
Intercept MLMGrp	.000000

Variance Components

- Dependent Variable: iNSD.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters	Subject Variables
Fixed Effects	Intercept	1		1	
	Region_INTER	1		1	
	RMC_INTER	1		1	
Random Effects	Intercept ^b	1	Variance Components	1	MLMGrp
Residual				1	
Total		4		5	

- Dependent Variable: iAest.
- 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	2142.189
Akaike's Information Criterion (AIC)	2146.189
Hurvich and Tsai's Criterion (AICC)	2146.217
Bozdogan's Criterion (CAIC)	2156.321
Schwarz's Bayesian Criterion (BIC)	2154.321

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

- Dependent Variable: iAest.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	7.348	.236	.642
Region_INTER	1	7.278	1.823	.217
RMC_INTER	1	426.302	.058	.809

a. Dependent Variable: iAest.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	-2.437758	5.021857	7.348	-.485	.642	-14.199387
Region_INTER	1.418773	1.050933	7.278	1.350	.217	-1.047161
RMC_INTER	.041058	.169996	426.302	.242	.809	-.293077

Estimates of Fixed Effects^a

Parameter	95% Confidence . Upper Bound
Intercept	9.323872
Region_INTER	3.884708
RMC_INTER	.375193

a. Dependent Variable: iAest.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.
Residual	8.070813	.552807	14.600	<.001
Intercept [subject = MLMGrp] Variance	.267753	.280820	.953	.340

Estimates of Covariance Parameters^a

Parameter	95% Confidence Interval Lower Bound	Upper Bound
Residual	7.056910	9.230390
Intercept [subject = MLMGrp] Variance	.034276	2.091597

a. Dependent Variable: iAest.

Random Effect Covariance Structure (G^a)

Intercept |
MLMGrp

Intercept MLMGrp	.267753
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Variance Components

a. Dependent Variable: iAest.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters	Subject Variables
Fixed Effects	Intercept	1		1	
	Region_INTER	1		1	
	RMC_INTER	1		1	
Random Effects	Intercept ^b	1	Variance Components	1	MLMGrp
Residual				1	
Total		4		5	

a. Dependent Variable: iPGE.

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	2057.556
Akaike's Information Criterion (AIC)	2061.556
Hurvich and Tsai's Criterion (AICC)	2061.584
Bozdogan's Criterion (CAIC)	2071.688
Schwarz's Bayesian Criterion (BIC)	2069.688

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

a. Dependent Variable: iPGE.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	3.556	3.101	.162
Region_INTER	1	3.468	.278	.630
RMC_INTER	1	424.551	.177	.674

a. Dependent Variable: iPGE.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	6.773105	3.845984	3.556	1.761	.162	-4.451396
Region_INTER	-.423884	.803723	3.468	-.527	.630	-2.796999
RMC_INTER	.065005	.154427	424.551	.421	.674	-.238531

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
Intercept	17.997605
Region_INTER	1.949231
RMC_INTER	.368542

a. Dependent Variable: iPGE.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.
Residual	6.660180	.457126	14.570	<.001
Intercept [subject = MLMGrp] Variance	.103209	.193822	.532	.594

Estimates of Covariance Parameters^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Residual	5.821878	7.619189
Intercept [subject = MLMGrp] Variance	.002601	4.094844

a. Dependent Variable: iPGE.

Random Effect Covariance Structure (G)^a

Intercept MLMGrp	
Intercept MLMGrp	.103209

Variance Components

a. Dependent Variable: iPGE.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters	Subject Variables
Fixed Effects	Intercept	1		1	
	Region_INTER	1		1	
	RMC_INTER	1		1	
Random Effects	Intercept ^b	1	Variance Components	1	MLMGrp
Residual				1	
Total		4		5	

a. Dependent Variable: iNGE.

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	1910.093
Akaike's Information Criterion (AIC)	1914.093
Hurvich and Tsai's Criterion (AICC)	1914.121
Bozdogan's Criterion (CAIC)	1924.225
Schwarz's Bayesian Criterion (BIC)	1922.225

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

a. Dependent Variable: iNGE.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	4.162	.787	.423
Region_INTER	1	3.968	.296	.616
RMC_INTER	1	427.794	.033	.856

a. Dependent Variable: iNGE.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	2.490371	2.807889	4.162	.887	.423	-5.187130
Region_INTER	-.318274	.585259	3.968	-.544	.616	-1.948336
RMC_INTER	.023712	.130330	427.794	.182	.856	-.232455

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
Intercept	10.167872
Region_INTER	1.311787
RMC_INTER	.279880

a. Dependent Variable: iNGE.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.
Residual	4.743841	.324360	14.625	<.001
Intercept [subject = MLMGrp] Variance	.031846	.076048	.419	.675

Estimates of Covariance Parameters^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Residual	4.148864	5.424142
Intercept [subject = MLMGrp] Variance	.000295	3.433185

a. Dependent Variable: iNGE.

Random Effect Covariance Structure (G)^a

Intercept |
MLMGrp

Intercept MLMGrp	.031846
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Variance Components

a. Dependent Variable: iNGE.