

### The Mixed Procedure

Model Information	
Data Set	WORK.EXPDATA
Dependent Variable	error
Covariance Structure	Variance Components
Subject Effect	workerId
Estimation Method	REML
Residual Variance Method	Profile
Fixed Effects SE Method	Model-Based
Degrees of Freedom Method	Containment

Class Level Information		
Class	Levels	Values
chart	3	PB TM WB
data_size	3	75 150 300
workerid	60	005855214eae7e0717982c1eebdbc515ba6e6e80 009be096f79047c30afba5765d15b54ca347d4a4 04b4609d05d235d5a5dde34afc497ba9da7c6dc1 0619a5c606ee17505edaab87c61984f19bfbdd7e 08f375097ec3ff2c5f6b58ff008b6df9f2e300e7 0c1bd9aec41695059cc8990f89c1801f451f7177 10744f5921b4f21846ef3a818827fb6394ce522b 12db2ca29559684c1e17c88ee7ea49d891405bae 12fb593f13bdba5cd144eaeaa0ea0ad07acd16e 16fd3abbd84a26b5fe534819acde0303c97f0c25 172765901bd61c41f6746dbd34d3eae9085b86c4 1a4040a3bf66e7e88a0c7e2b5b1bcc8df379a08e 2d2106adb82dbd0ee394188f81dfa010d55ce142 3709ddd7cbd626ab13a9a6cc8773450faf2050e2 4a390c01e5aec2b184e844583a054c7d7ec947f6 52885e6b43332d14c732c7daa24a03e9a43e41b9 547a35abc197b41abdc5945dd550c9ee7c73a477 6ae52e41d123a0fdbc4a2528eaac51b1e3c711d2 6ee032d8b344e52d0d40e378befca0d9e44b815d 700d11512737d601f3c2cb9c302ca43b4e60c3e7 701a31eba1896c6585ae0e66ecae89191e76796 7748725f4732c6b6d507d57e01ad444662116e15 79fe4cf99148a2bc6edeb70798201874664f862c 7c11cf43fb0d7ead47175762407c552ad81f1c40 80aaa71d1fa0879cf2d319025a9465f181bf2aaa 81a43ff9dda55feeabdab67cb69ac2e6b6c9fba4 81b7ea78078b3e8332182f8f3f95bf0ade4cf605 8455bd9690b6cb48e57dfb3af5e6c1d8f98f54cb 860f4443cbe722e8153f4b65d142c35edb053689 8fc0794a0a5f13a8b285ab3198baee96285b82dc 90ac41d6cc37a874a2f4721e626fb43787af1a40 91a49affb496ee02dab27427443d3a2824d0b80c 9342ff568ddd6c664c7cb8ded871fb189a5344bc 93750f5f3dcf3b7ccc68be67da9eb838af6ab752 94154c4362f51694e090e841b6c29fce7e04607e a22e68787a6b1541d8722f78636fcfb1d0129a54 a633495f77c044d5d031f3e97e2914a997d0c483 b2308fd123906baf746eae19af8f398c8c75529f ba800f5722fde9e76157dac8a76e7d8b4b90118c bb81bff39ddfa50130ff8a0a896bc1e22041b2c bd37045843285fba1aab4b55570f0af0a8a92ac6 be62484c6d42edfef6fb3bac7aab9b54063d6122 bf237b81fa960fc7425afd1faa93e8e9897bed17 bdf49e635de8ff0cd5a6896e1dd1a5cf0ddb719 c21e63332f12632e540380d3db7b2c3291d21058 c439beb15320f9219723342817158e7ec7f617b6 c673f8eb8314d7dc45dfabc36a5a52619ed4a36c ca4de2f23325e80335f62b675b808ad31730dd7c cc53ba482938c0e030b742324a8186da6fd896d0 cc5f3a2ae9c4459799b0adaa39db1ea391b85a0c d664552e0925e534bad0d109decf381d917a6586 dc6b309dfb1bd54f77be2f3cef5ebe3726f2f873 dd3b82ea83c5ac2d4774dac1bae4e4c5dcc4adf1 dffcaff2772cd61a6f2bac984da2b206eda29227 eb794252aaebbb8d4e51d80542ca2aad990eaabf eb9f301d90a438c044e34748f92fe0430bc8c5e9 ec14940ef7c9b104e82f9da6856499cb65d71679 eeb5d626ac8d3f8114f6d45815d8e4030918d4b9 fe3d8fc21e69ee44dc3ad0e04bfe4f8b7f7aaa36 ff3b180918809804a5cee8d5fa4b595a227430b3

Dimensions	
Covariance Parameters	2
Columns in X	16
Columns in Z per Subject	1
Subjects	60
Max Obs per Subject	30

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Number of Observations	
Number of Observations Read	1800
Number of Observations Used	1800
Number of Observations Not Used	0

Iteration History			
Iteration	Evaluations	-2 Res Log Like	Criterion
0	1	13642.26005663	
1	1	13238.78317448	0.00000000

Convergence criteria met.

Covariance Parameter Estimates		
Cov Parm	Subject	Estimate
Intercept	workerId	31.8975
Residual		85.4323

Fit Statistics	
-2 Res Log Likelihood	13238.8
AIC (Smaller is Better)	13242.8
AICC (Smaller is Better)	13242.8
BIC (Smaller is Better)	13247.0

Type 3 Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
chart	2	1734	8.21	0.0003
data_size	2	1734	2.68	0.0689
chart*data_size	4	1734	2.14	0.0732

Least Squares Means							
Effect	chart	data_size	Estimate	Standard Error	DF	t Value	Pr >  t
chart	PB		6.1283	1.3181	1734	4.65	<.0001
chart	TM		13.1133	1.3181	1734	9.95	<.0001
chart	WB		7.1317	1.3181	1734	5.41	<.0001
data_size		75	8.0900	0.8210	1734	9.85	<.0001

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Least Squares Means							
Effect	chart	data_size	Estimate	Standard Error	DF	t Value	Pr >  t
data_size		150	9.0283	0.8210	1734	11.00	<.0001
data_size		300	9.2550	0.8210	1734	11.27	<.0001

Differences of Least Squares Means											
Effect	chart	data_size	_chart	_data_size	Estimate	Standard Error	DF	t Value	Pr >  t	Adjustment	Adj P
chart	PB		TM		-6.9850	1.8640	1734	-3.75	0.0002	Tukey	0.0005
chart	PB		WB		-1.0033	1.8640	1734	-0.54	0.5905	Tukey	0.8525
chart	TM		WB		5.9817	1.8640	1734	3.21	0.0014	Tukey	0.0039
data_size		75		150	-0.9383	0.5336	1734	-1.76	0.0789	Tukey-Kramer	0.1841
data_size		75		300	-1.1650	0.5336	1734	-2.18	0.0292	Tukey-Kramer	0.0744
data_size		150		300	-0.2267	0.5336	1734	-0.42	0.6711	Tukey-Kramer	0.9054