

### 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	047b665f77c98a064840b6623853453df00318f6 066f019cb92c90d984acc0d4b9caa166fa06f9a7 0779d6107cf148e0f44499e3998d8c7febebf17 09a4d00ec2bd7a0fd609e3c0ddb6146a0403fac6 149bcbe5347aa72d87666f986b4deab5589bb887 1af07bfe9bcc82921a52f3ee9a53ceb0b92689c4 1d020ce2c8a1c9c8e0051ac55d21b41b3efdfda4 1e0c07b396d2752e1eac23f05a6741d76f56a31f 2279ab19c3b0c03548cecab84e36862888c45566 28ec20e8ab404f7cc5a1c592b1c8b48ca6253929 3b15f514ec69dda260e1081fb2fe9dedf616c8f1 3b56f47f7f6651dc1880c51709d737f1bb99c034 44fac4d54ff2fe45099297850b420a1fb9e13415 4561520dc4b67cbc2cfd352f61556537002ad9ee 474293f37c743eccec662ee0035d005ec5ca27e8b 550ed7fd1f162fca15593405ae3dd098e5d04883 5d2dcfa94f279072d62c9a81bae5ef4cbd3ecc30 5eb5487bb4490c88eb4d3060834de62e40243d3c 624666b54d0ca234d20bb871cb6e6ba287089370 683af92e21fe19f0fb56ede161140f18d01a932f 6a91e3fe114f10febfa742743803896d312a66d1 6b7d3bcaa0aa04507ced93c16f2ccd7a7d3c74f2 734983c6702f4407e73241990f28ef91961d9f2c 73a5df298f5ec9e98093d8a64c241227db21665f 77c4f76020a381b799406593ff82a472aea78812 77e0532fb74ad4ff44d2e0f3fd398031f8a378d9 7b8a18dde525ee49edf91e73016539620d6b1f92 7daf9e1bd6875dc26c9af6ba2341a0890f61ae68 8238075fa2c028bf9015a5edf7c394cf34a6f28c 832321ce6cf5c7f8b45917cd8398c96bde627d07 84773f6fb3e217790793d104a8a0f0e31859ae7e 882d68476648f7eac91eeaf4e11df24694f9c1f2 8c9c70c88908f5e47cc43b22fbedad0b6c09e52d 8d1aa6f5fe0e8fdc76c1b2e8c16c466470c0a507 9122523f732b7462dd64f3c617e6898049241af 93132629c42ad45e68b924fd0458ceaa09113857 948226c7aab8f231411868f2d52b0940e202318c 97c828a51feeaa567caf1ee8f0fc63b987f73f95 9d5e2550768f2a0dd645d9401fa293cf34f5fb a1d691bc46d99c8baa311396afab61245a7a4b1f a269765f8037299e7cc70cc1e7190b900292ecd0 a2b2f1d0fa1ba929b5ba1c45ae5e3fea276082ec a9886a1d2c5bffd7a37a04e91a5b70947eef4751 a9c0f9e997fc40644b2542c159bc26c53f5c46b4 af928cda65f9909411671d0154babcb70701639d b03f0743ccf0743a577106a2c30baadac47d3692 b7409bcd9f680c0c48a95b3d97d1a14ef21580bf b763c43c1b9888a452f738214ab8626b1452d559 b8cde3e474f578da0890c49ad803c97d802b387 c238b89f117ea33e036b4ffa64a9a20022092a85 c908fd1b71fa2305c7c8d40a79ab49d9d3066bd4 ca3d6b18c07c57a546f1055ca3d6b418555e2c39 cb85080de8d08aca851043b3ad03039efb9dc07f d1e75aa7db153fcd3b042a7e7ec9fa9a35bac061 e0a0c5834774136ae91fd7c6aa939afc084d82cf e12f8b20d021a0a04eb49a3d9989537104df9f53 ec5063fd89438cf436aa6885de8c9dfabb84838d f2472b47dd47cdae6135a1fdce8cbfa83bb85370 fab6dda85ac35c68c7f347398fc544ae0df04a45 fd837b1bccecc0efcaf0f6cd81be3c195c1b7fc84

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	14904.81279454	
1	1	14464.57827322	0.00000000

Convergence criteria met.

Covariance Parameter Estimates		
Cov Parm	Subject	Estimate
Intercept	workerId	68.6714
Residual		168.96

Fit Statistics	
-2 Res Log Likelihood	14464.6
AIC (Smaller is Better)	14468.6
AICC (Smaller is Better)	14468.6
BIC (Smaller is Better)	14472.8

Type 3 Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
chart	2	1734	11.13	<.0001
data_size	2	1734	2.01	0.1337
chart*data_size	4	1734	0.50	0.7382

Least Squares Means							
Effect	chart	data_size	Estimate	Standard Error	DF	t Value	Pr >  t
chart	PB		20.1117	1.9275	1734	10.43	<.0001
chart	TM		11.3567	1.9275	1734	5.89	<.0001
chart	WB		7.5750	1.9275	1734	3.93	<.0001
data_size		75	12.3333	1.1942	1734	10.33	<.0001

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Least Squares Means							
Effect	chart	data_size	Estimate	Standard Error	DF	t Value	Pr >  t
data_size		150	12.8867	1.1942	1734	10.79	<.0001
data_size		300	13.8233	1.1942	1734	11.58	<.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		8.7550	2.7259	1734	3.21	0.0013	Tukey	0.0038
chart	PB		WB		12.5367	2.7259	1734	4.60	<.0001	Tukey	<.0001
chart	TM		WB		3.7817	2.7259	1734	1.39	0.1655	Tukey	0.3477
data_size		75		150	-0.5533	0.7505	1734	-0.74	0.4610	Tukey-Kramer	0.7413
data_size		75		300	-1.4900	0.7505	1734	-1.99	0.0473	Tukey-Kramer	0.1161
data_size		150		300	-0.9367	0.7505	1734	-1.25	0.2122	Tukey-Kramer	0.4250