

Multiple Comparisons

Measure: MEASURE_1

Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	Mean Difference (I-J)	Std. Error	Sig.
loaded biarticular hip actuator	loaded biarticular knee actuator	-.726249202	.4631261357	.766
	loaded monoarticular hip actuator	.8143512426	.4631261357	.650
	loaded monoarticular knee actuator	.6594745775	.4631261357	.842
	noload biarticular hip actuator	.2447393205	.4631261357	.999
	noload biarticular knee actuator	-.206743397	.4631261357	1.000
	noload monoarticular hip actuator	1.97501903 [*]	.4631261357	.002
	noload monoarticular knee actuator	.6524325227	.4631261357	.849
loaded biarticular knee actuator	loaded biarticular hip actuator	.7262492016	.4631261357	.766
	loaded monoarticular hip actuator	1.54060044 [*]	.4631261357	.033
	loaded monoarticular knee actuator	1.385723779	.4631261357	.077
	noload biarticular hip actuator	.9709885221	.4631261357	.432
	noload biarticular knee actuator	.5195058046	.4631261357	.949
	noload monoarticular hip actuator	2.70126823 [*]	.4631261357	.000
	noload monoarticular knee actuator	1.378681724	.4631261357	.080
loaded monoarticular hip actuator	loaded biarticular hip actuator	-.814351243	.4631261357	.650
	loaded biarticular knee actuator	-1.54060044 [*]	.4631261357	.033
	loaded monoarticular knee actuator	-.154876665	.4631261357	1.000
	noload biarticular hip actuator	-.569611922	.4631261357	.919
	noload biarticular knee actuator	-1.02109464	.4631261357	.367

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Tukey HSD

		95% Confidence Interval	
(I) assistiveactuator	(J) assistiveactuator	Lower Bound	Upper Bound
loaded biarticular hip actuator	loaded biarticular knee actuator	-2.19356475	.7410663430
	loaded monoarticular hip actuator	-.652964302	2.281666787
	loaded monoarticular knee actuator	-.807840967	2.126790122
	noload biarticular hip actuator	-1.22257622	1.712054865
	noload biarticular knee actuator	-1.67405894	1.260572148
	noload monoarticular hip actuator	.5077034814	3.442334570
	noload monoarticular knee actuator	-.814883022	2.119748067
loaded biarticular knee actuator	loaded biarticular hip actuator	-.741066343	2.193564746
	loaded monoarticular hip actuator	.0732848996	3.007915989
	loaded monoarticular knee actuator	-.081591766	2.853039324
	noload biarticular hip actuator	-.496327022	2.438304067
	noload biarticular knee actuator	-.947809740	1.986821349
	noload monoarticular hip actuator	1.233952683	4.168583772
	noload monoarticular knee actuator	-.088633820	2.845997269
loaded monoarticular hip actuator	loaded biarticular hip actuator	-2.28166679	.6529643019
	loaded biarticular knee actuator	-3.00791599	-.073284900
	loaded monoarticular knee actuator	-1.62219221	1.312438879
	noload biarticular hip actuator	-2.03692747	.8977036225
	noload biarticular knee actuator	-2.48841018	.4462209050

Multiple Comparisons

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Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	Mean Difference (I-J)	Std. Error	Sig.
	noload monoarticular hip actuator	1.160667783	.4631261357	.218
	noload monoarticular knee actuator	-.161918720	.4631261357	1.000
loaded monoarticular knee actuator	loaded biarticular hip actuator	-.659474577	.4631261357	.842
	loaded biarticular knee actuator	-1.38572378	.4631261357	.077
	loaded monoarticular hip actuator	.1548766652	.4631261357	1.000
	noload biarticular hip actuator	-.414735257	.4631261357	.985
	noload biarticular knee actuator	-.866217974	.4631261357	.577
	noload monoarticular hip actuator	1.315544448	.4631261357	.109
	noload monoarticular knee actuator	-.007042055	.4631261357	1.000
noload biarticular hip actuator	loaded biarticular hip actuator	-.244739321	.4631261357	.999
	loaded biarticular knee actuator	-.970988522	.4631261357	.432
	loaded monoarticular hip actuator	.5696119221	.4631261357	.919
	loaded monoarticular knee actuator	.4147352569	.4631261357	.985
	noload biarticular knee actuator	-.451482717	.4631261357	.976
	noload monoarticular hip actuator	1.73027971*	.4631261357	.011
	noload monoarticular knee actuator	.4076932022	.4631261357	.987
noload biarticular knee actuator	loaded biarticular hip actuator	.2067433969	.4631261357	1.000
	loaded biarticular knee actuator	-.519505805	.4631261357	.949
	loaded monoarticular hip actuator	1.021094640	.4631261357	.367

Multiple Comparisons

Measure: MEASURE_1

Tukey HSD

		95% Confidence Interval	
(I) assistiveactuator	(J) assistiveactuator	Lower Bound	Upper Bound
	noload monoarticular hip actuator	-.306647761	2.627983328
	noload monoarticular knee actuator	-1.62923426	1.305396825
loaded monoarticular knee actuator	loaded biarticular hip actuator	-2.12679012	.8078409671
	loaded biarticular knee actuator	-2.85303932	.0815917655
	loaded monoarticular hip actuator	-1.31243888	1.622192210
	noload biarticular hip actuator	-1.88205080	1.052580288
	noload biarticular knee actuator	-2.33353352	.6010975701
	noload monoarticular hip actuator	-.151771096	2.782859993
	noload monoarticular knee actuator	-1.47435760	1.460273490
noload biarticular hip actuator	loaded biarticular hip actuator	-1.71205487	1.222576224
	loaded biarticular knee actuator	-2.43830407	.4963270224
	loaded monoarticular hip actuator	-.897703622	2.036927467
	loaded monoarticular knee actuator	-1.05258029	1.882050801
	noload biarticular knee actuator	-1.91879826	1.015832827
	noload monoarticular hip actuator	.2629641608	3.197595250
	noload monoarticular knee actuator	-1.05962234	1.875008747
noload biarticular knee actuator	loaded biarticular hip actuator	-1.26057215	1.674058941
	loaded biarticular knee actuator	-1.98682135	.9478097399
	loaded monoarticular hip actuator	-.446220905	2.488410184

Multiple Comparisons

Measure: MEASURE_1

Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	Mean Difference (I-J)	Std. Error	Sig.
	loaded monoarticular knee actuator	.8662179744	.4631261357	.577
	noload biarticular hip actuator	.4514827175	.4631261357	.976
	noload monoarticular hip actuator	2.18176242 [*]	.4631261357	.001
	noload monoarticular knee actuator	.8591759197	.4631261357	.587
noload monoarticular hip actuator	loaded biarticular hip actuator	-1.97501903 [*]	.4631261357	.002
	loaded biarticular knee actuator	-2.70126823 [*]	.4631261357	.000
	loaded monoarticular hip actuator	-1.16066778	.4631261357	.218
	loaded monoarticular knee actuator	-1.31554445	.4631261357	.109
	noload biarticular hip actuator	-1.73027971 [*]	.4631261357	.011
	noload biarticular knee actuator	-2.18176242 [*]	.4631261357	.001
	noload monoarticular knee actuator	-1.32258650	.4631261357	.105
noload monoarticular knee actuator	loaded biarticular hip actuator	-.652432523	.4631261357	.849
	loaded biarticular knee actuator	-1.37868172	.4631261357	.080
	loaded monoarticular hip actuator	.1619187199	.4631261357	1.000
	loaded monoarticular knee actuator	.0070420547	.4631261357	1.000
	noload biarticular hip actuator	-.407693202	.4631261357	.987
	noload biarticular knee actuator	-.859175920	.4631261357	.587
	noload monoarticular hip actuator	1.322586503	.4631261357	.105

Multiple Comparisons

Measure: MEASURE_1

Tukey HSD

		95% Confidence Interval	
(I) assistiveactuator	(J) assistiveactuator	Lower Bound	Upper Bound
	loaded monoarticular knee actuator	-.601097570	2.333533519
	noload biarticular hip actuator	-1.01583283	1.918798262
	noload monoarticular hip actuator	.7144468783	3.649077967
	noload monoarticular knee actuator	-.608139625	2.326491464
noload monoarticular hip actuator	loaded biarticular hip actuator	-3.44233457	-.507703481
	loaded biarticular knee actuator	-4.16858377	-1.23395268
	loaded monoarticular hip actuator	-2.62798333	.3066477613
	loaded monoarticular knee actuator	-2.78285999	.1517710961
	noload biarticular hip actuator	-3.19759525	-.262964161
	noload biarticular knee actuator	-3.64907797	-.714446878
	noload monoarticular knee actuator	-2.78990205	.1447290414
noload monoarticular knee actuator	loaded biarticular hip actuator	-2.11974807	.8148830218
	loaded biarticular knee actuator	-2.84599727	.0886338203
	loaded monoarticular hip actuator	-1.30539682	1.629234264
	loaded monoarticular knee actuator	-1.46027349	1.474357599
	noload biarticular hip actuator	-1.87500875	1.059622342
	noload biarticular knee actuator	-2.32649146	.6081396249
	noload monoarticular hip actuator	-.144729041	2.789902048

Based on observed means.

The error term is Mean Square(Error) = .751.

*. The mean difference is significant at the .05 level.

Homogeneous Subsets

MEASURE_1

Tukey HSD^{a,b}

assistiveactuator	N	Subset		
		1	2	3
noload monoarticular hip actuator	7	2.924487464		
loaded monoarticular hip actuator	7	4.085155247	4.085155247	
loaded monoarticular knee actuator	7	4.240031912	4.240031912	4.240031912
noload monoarticular knee actuator	7	4.247073967	4.247073967	4.247073967
noload biarticular hip actuator	7		4.654767169	4.654767169
loaded biarticular hip actuator	7		4.899506490	4.899506490
noload biarticular knee actuator	7		5.106249886	5.106249886
loaded biarticular knee actuator	7			5.625755691
Sig.		.105	.367	.077

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .751.

a. Uses Harmonic Mean Sample Size = 7.000.

b. Alpha = .05.