```
GLM avgtotalpower01 avgtotalpower02 avgtotalpower03 BY assistiveactuator
  /WSFACTOR=factor1 3 Polynomial
  /METHOD=SSTYPE(3)
  /POSTHOC=assistiveactuator(TUKEY)
  /PRINT=DESCRIPTIVE HOMOGENEITY
  /CRITERIA=ALPHA(.05)
  /WSDESIGN=factor1
  /DESIGN=assistiveactuator.
```

General Linear Model

Within-Subjects Factors

Measure: MEASURE_1

factor1	Dependent Variable
1	avgtotalpower 01
2	avgtotalpower 02
3	avgtotalpower 03

Between-Subjects Factors

		N
assistiveactuator	loaded biarticular hip actuator	7
	loaded biarticular knee actuator	7
	loaded constrained biarticular hip actuator	7
	loaded constrained biarticular knee actuator	7
	loaded constrained monoarticular hip actuator	7
	loaded constrained monoarticular knee actuator	7
	loaded monoarticular hip actuator	7
	loaded monoarticular knee actuator	7
	noload biarticular hip actuator	7
	noload biarticular knee actuator	7
	noload constrained biarticular hip actuator	7
	noload constrained biarticular knee actuator	7
	noload constrained monoarticular hip actuator	7
	noload constrained monoarticular knee actuator	7
	noload monoarticular hip actuator	7
	noload monoarticular knee actuator	7

Descriptive Statistics

	assistiveactuator	Mean	Std. Deviation	N
avgtotalpower01	loaded biarticular hip actuator	1.650476767	.2806591533	7
	loaded biarticular knee actuator	1.557404508	.4247479883	7
	loaded constrained biarticular hip actuator	1.226996529	.2714539721	7
	loaded constrained biarticular knee actuator	1.279780519	.3693221758	7
	loaded constrained monoarticular hip actuator	1.250127861	.1549530194	7
	loaded constrained monoarticular knee actuator	1.042764438	.2567869114	7
	loaded monoarticular hip actuator	1.560853497	.2935175988	7
	loaded monoarticular knee actuator	1.293099724	.3720294177	7
	noload biarticular hip actuator	1.382004394	.3248734220	7
	noload biarticular knee actuator	1.606535591	.3572099054	7
	noload constrained biarticular hip actuator	1.000586451	.3085027790	7
	noload constrained biarticular knee actuator	1.154985417	.3598953736	7
	noload constrained monoarticular hip actuator	.9745766899	.1881764801	7
	noload constrained monoarticular knee actuator	1.111191170	.1318546467	7
	noload monoarticular hip actuator	1.076000911	.2400624398	7
	noload monoarticular knee actuator	1.269600364	.1319620624	7
	Total	1.277311552	.3462571748	112
avgtotalpower02	loaded biarticular hip actuator	1.524189786	.3468473519	7
	loaded biarticular knee actuator	1.509784856	.2840686980	7
	loaded constrained biarticular hip actuator	1.137155722	.3249852341	7

Descriptive Statistics

	assistiveactuator	Mean	Std. Deviation	N
	loaded constrained biarticular knee actuator	1.219169822	.2865373784	7
	loaded constrained monoarticular hip actuator	1.166815326	.2136802972	7
	loaded constrained monoarticular knee actuator	.9533442946	.2389400021	7
	loaded monoarticular hip actuator	1.427503226	.2813734200	7
	loaded monoarticular knee actuator	1.207083257	.2817551950	7
	noload biarticular hip actuator	1.433396697	.3414906950	7
	noload biarticular knee actuator	1.573712756	.3471466566	7
	noload constrained biarticular hip actuator	1.038383318	.3248323632	7
	noload constrained biarticular knee actuator	1.137720818	.3433616755	7
	noload constrained monoarticular hip actuator	.9862167496	.2243798696	7
	noload constrained monoarticular knee actuator	1.089877645	.1362900399	7
	noload monoarticular hip actuator	1.093838761	.3308736525	7
	noload monoarticular knee actuator	1.218668362	.1759677597	7
	Total	1.232303837	.3300517707	112
avgtotalpower03	loaded biarticular hip actuator	1.584866615	.3432897469	7
	loaded biarticular knee actuator	1.510428961	.2728925327	7
	loaded constrained biarticular hip actuator	1.183831794	.3086491154	7
	loaded constrained biarticular knee actuator	1.204608039	.2534618510	7
	loaded constrained monoarticular hip actuator	1.267689886	.2820093858	7

Descriptive Statistics

assistiveactuator	Mean	Std. Deviation	N
loaded constrained monoarticular knee actuator	.9500727187	.2750080687	7
loaded monoarticular hip actuator	1.570317103	.3957067326	7
loaded monoarticular knee actuator	1.217168357	.3009969529	7
noload biarticular hip actuator	1.444451341	.4227942996	7
noload biarticular knee actuator	1.578853341	.3088921388	7
noload constrained biarticular hip actuator	1.040165070	.3655428550	7
noload constrained biarticular knee actuator	1.142218410	.2817731183	7
noload constrained monoarticular hip actuator	.9682318684	.2443561078	7
noload constrained monoarticular knee actuator	1.107988602	.2151128893	7
noload monoarticular hip actuator	1.102869367	.2703253796	7
noload monoarticular knee actuator	1.234419170	.1562123758	7
Total	1.256761290	.3498724059	112

Box's Test of Equality of Covariance Matrices[a]

Box's M	157.216
F	1.390
df1	90
df2	7320.197
Sig.	.009

Tests the null hypothesis that the observed covariance matrices of the dependent variables are equal across groups.

a. Design: Intercept + assistiveactuator
Within Subjects Design: factor1

Multivariate Tests[a]

Effect		Value	F	Hypothesis df	Error df
factor1	Pillai's Trace	.128	6.942[b]	2.000	95.000
	Wilks' Lambda	.872	6.942[b]	2.000	95.000
	Hotelling's Trace	.146	6.942[b]	2.000	95.000
	Roy's Largest Root	.146	6.942[b]	2.000	95.000
factor1 * assistiveactuator	Pillai's Trace	.244	.891	30.000	192.000
	Wilks' Lambda	.768	.894[b]	30.000	190.000
	Hotelling's Trace	.286	.896	30.000	188.000
	Roy's Largest Root	.208	1.331[c]	15.000	96.000

Multivariate Tests[a]

Effect		Sig.
factor1	Pillai's Trace	.002
	Wilks' Lambda	.002
	Hotelling's Trace	.002
	Roy's Largest Root	.002
factor1 * assistiveactuator	Pillai's Trace	.633
	Wilks' Lambda	.629
	Hotelling's Trace	.626
	Roy's Largest Root	.199

a. Design: Intercept + assistiveactuator
Within Subjects Design: factor1

b. Exact statistic

c. The statistic is an upper bound on F that yields a lower bound on the significance level.

Mauchly's Test of Sphericity[a]

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon[b] Greenhouse-Geisser
factor1	.957	4.190	2	.123	.959

Mauchly's Test of Sphericity[a]

Measure: MEASURE_1

Within Subjects Effect	Epsilon[b] Huynh-Feldt	Lower-bound
factor1	1.000	.500

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.

a. Design: Intercept + assistiveactuator
Within Subjects Design: factor1

b. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table.

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F
factor1	Sphericity Assumed	.114	2	.057	5.855
	Greenhouse-Geisser	.114	1.917	.059	5.855
	Huynh-Feldt	.114	2.000	.057	5.855
	Lower-bound	.114	1.000	.114	5.855
factor1 * assistiveactuator	Sphericity Assumed	.246	30	.008	.844
	Greenhouse-Geisser	.246	28.759	.009	.844
	Huynh-Feldt	.246	30.000	.008	.844
	Lower-bound	.246	15.000	.016	.844
Error(factor1)	Sphericity Assumed	1.865	192	.010	
	Greenhouse-Geisser	1.865	184.059	.010	
	Huynh-Feldt	1.865	192.000	.010	
	Lower-bound	1.865	96.000	.019	

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Sig.
factor1	Sphericity Assumed	.003
	Greenhouse-Geisser	.004
	Huynh-Feldt	.003
	Lower-bound	.017
factor1 * assistiveactuator	Sphericity Assumed	.701
	Greenhouse-Geisser	.697
	Huynh-Feldt	.701
	Lower-bound	.627
Error(factor1)	Sphericity Assumed	
	Greenhouse-Geisser	
	Huynh-Feldt	
	Lower-bound	

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	factor1	Type III Sum of Squares	df	Mean Square	F
factor1	Linear	.024	1	.024	2.021
	Quadratic	.090	1	.090	11.669
factor1 * assistiveactuator	Linear	.107	15	.007	.607
	Quadratic	.139	15	.009	1.204
Error(factor1)	Linear	1.123	96	.012	
	Quadratic	.741	96	.008	

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	factor1	Sig.
factor1	Linear	.158
	Quadratic	.001
factor1 * assistiveactuator	Linear	.863
	Quadratic	.282
Error(factor1)	Linear	
	Quadratic	

Levene's Test of Equality of Error Variances[a]

		Levene Statistic	df1	df2	Sig.
avgtotalpower01	Based on Mean	.954	5	106	.450
	Based on Median	.854	5	106	.515
	Based on Median and with adjusted df	.854	5	89.619	.516
	Based on trimmed mean	.978	5	106	.435
avgtotalpower02	Based on Mean	.283	5	106	.921
	Based on Median	.262	5	106	.933
	Based on Median and with adjusted df	.262	5	99.709	.933
	Based on trimmed mean	.287	5	106	.919
avgtotalpower03	Based on Mean	.637	5	106	.672
	Based on Median	.575	5	106	.719
	Based on Median and with adjusted df	.575	5	82.988	.719
	Based on trimmed mean	.674	5	106	.644

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + assistiveactuator
   Within Subjects Design: factor1

Tests of Between-Subjects Effects

Measure: MEASURE_1

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Intercept	529.595	1	529.595	2216.200	.000
assistiveactuator	13.936	15	.929	3.888	.000
Error	22.941	96	.239		

Post Hoc Tests

assistiveactuator

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	.0606382811	.1508596262	1.000
	loaded constrained biarticular hip actuator	.4038497077	.1508596262	.361
	loaded constrained biarticular knee actuator	.3519915961	.1508596262	.601
	loaded constrained monoarticular hip actuator	.3583000318	.1508596262	.570
	loaded constrained monoarticular knee actuator	.604450572*	.1508596262	.011
	loaded monoarticular hip actuator	.0669531142	.1508596262	1.000
	loaded monoarticular knee actuator	.3473939436	.1508596262	.623
	noload biarticular hip actuator	.1665602455	.1508596262	.999
	noload biarticular knee actuator	.0001438269	.1508596262	1.000
	noload constrained biarticular hip actuator	.560132777*	.1508596262	.028
	noload constrained biarticular knee actuator	.4415361744	.1508596262	.222
	noload constrained monoarticular hip actuator	.610169287*	.1508596262	.010
	noload constrained monoarticular knee actuator	.4834919170	.1508596262	.116
	noload monoarticular hip actuator	.4956080433	.1508596262	.095
	noload monoarticular knee actuator	.3456150907	.1508596262	.631
loaded biarticular knee actuator	loaded biarticular hip actuator	-.060638281	.1508596262	1.000
	loaded constrained biarticular hip actuator	.3432114265	.1508596262	.642

Multiple Comparisons

Measure: MEASURE_1

Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	95% Confidence Interval	
		Lower Bound	Upper Bound
loaded biarticular hip actuator	loaded biarticular knee actuator	-.470191318	.5914678802
	loaded constrained biarticular hip actuator	-.126979891	.9346793067
	loaded constrained biarticular knee actuator	-.178838003	.8828211951
	loaded constrained monoarticular hip actuator	-.172529567	.8891296308
	loaded constrained monoarticular knee actuator	.0736209733	1.135280171
	loaded monoarticular hip actuator	-.463876485	.5977827133
	loaded monoarticular knee actuator	-.183435655	.8782235426
	noload biarticular hip actuator	-.364269354	.6973898445
	noload biarticular knee actuator	-.530685772	.5309734259
	noload constrained biarticular hip actuator	.0293031776	1.090962376
	noload constrained biarticular knee actuator	-.089293425	.9723657734
	noload constrained monoarticular hip actuator	.0793396879	1.140998886
	noload constrained monoarticular knee actuator	-.047337682	1.014321516
	noload monoarticular hip actuator	-.035221556	1.026437642
	noload monoarticular knee actuator	-.185214508	.8764446897
loaded biarticular knee actuator	loaded biarticular hip actuator	-.591467880	.4701913179
	loaded constrained biarticular hip actuator	-.187618172	.8740410255

Multiple Comparisons

Measure: MEASURE_1

Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	Mean Difference (I-J)	Std. Error	Sig.
	loaded constrained biarticular knee actuator	.2913533150	.1508596262	.855
	loaded constrained monoarticular hip actuator	.2976617507	.1508596262	.834
	loaded constrained monoarticular knee actuator	.543812291*	.1508596262	.039
	loaded monoarticular hip actuator	.0063148331	.1508596262	1.000
	loaded monoarticular knee actuator	.2867556625	.1508596262	.869
	noload biarticular hip actuator	.1059219643	.1508596262	1.000
	noload biarticular knee actuator	-.060494454	.1508596262	1.000
	noload constrained biarticular hip actuator	.4994944955	.1508596262	.089
	noload constrained biarticular knee actuator	.3808978932	.1508596262	.463
	noload constrained monoarticular hip actuator	.549531006*	.1508596262	.035
	noload constrained monoarticular knee actuator	.4228536359	.1508596262	.286
	noload monoarticular hip actuator	.4349697621	.1508596262	.243
	noload monoarticular knee actuator	.2849768095	.1508596262	.874
loaded constrained biarticular hip actuator	loaded biarticular hip actuator	-.403849708	.1508596262	.361
	loaded biarticular knee actuator	-.343211427	.1508596262	.642
	loaded constrained biarticular knee actuator	-.051858112	.1508596262	1.000
	loaded constrained monoarticular hip actuator	-.045549676	.1508596262	1.000

Multiple Comparisons

Measure: MEASURE_1
Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	95% Confidence Interval	
		Lower Bound	Upper Bound
	loaded constrained biarticular knee actuator	-.239476284	.8221829140
	loaded constrained monoarticular hip actuator	-.233167848	.8284913497
	loaded constrained monoarticular knee actuator	.0129826922	1.074641890
	loaded monoarticular hip actuator	-.524514766	.5371444321
	loaded monoarticular knee actuator	-.244073937	.8175852615
	noload biarticular hip actuator	-.424907635	.6367515633
	noload biarticular knee actuator	-.591324053	.4703351448
	noload constrained biarticular hip actuator	-.031335104	1.030324094
	noload constrained biarticular knee actuator	-.149931706	.9117274923
	noload constrained monoarticular hip actuator	.0187014068	1.080360605
	noload constrained monoarticular knee actuator	-.107975963	.9536832349
	noload monoarticular hip actuator	-.095859837	.9657993612
	noload monoarticular knee actuator	-.245852789	.8158064085
loaded constrained biarticular hip actuator	loaded biarticular hip actuator	-.934679307	.1269798913
	loaded biarticular knee actuator	-.874041026	.1876181725
	loaded constrained biarticular knee actuator	-.582687711	.4789714874
	loaded constrained monoarticular hip actuator	-.576379275	.4852799232

Multiple Comparisons

Measure: MEASURE_1

Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	Mean Difference (I-J)	Std. Error	Sig.
	loaded constrained monoarticular knee actuator	.2006008647	.1508596262	.994
	loaded monoarticular hip actuator	-.336896593	.1508596262	.672
	loaded monoarticular knee actuator	-.056455764	.1508596262	1.000
	noload biarticular hip actuator	-.237289462	.1508596262	.969
	noload biarticular knee actuator	-.403705881	.1508596262	.361
	noload constrained biarticular hip actuator	.1562830690	.1508596262	1.000
	noload constrained biarticular knee actuator	.0376864667	.1508596262	1.000
	noload constrained monoarticular hip actuator	.2063195793	.1508596262	.992
	noload constrained monoarticular knee actuator	.0796422093	.1508596262	1.000
	noload monoarticular hip actuator	.0917583356	.1508596262	1.000
	noload monoarticular knee actuator	-.058234617	.1508596262	1.000
loaded constrained biarticular knee actuator	loaded biarticular hip actuator	-.351991596	.1508596262	.601
	loaded biarticular knee actuator	-.291353315	.1508596262	.855
	loaded constrained biarticular hip actuator	.0518581116	.1508596262	1.000
	loaded constrained monoarticular hip actuator	.0063084357	.1508596262	1.000
	loaded constrained monoarticular knee actuator	.2524589762	.1508596262	.949
	loaded monoarticular hip actuator	-.285038482	.1508596262	.874

Multiple Comparisons

Measure: MEASURE_1

Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	95% Confidence Interval	
		Lower Bound	Upper Bound
	loaded constrained monoarticular knee actuator	-.330228734	.7314304637
	loaded monoarticular hip actuator	-.867726192	.1939330056
	loaded monoarticular knee actuator	-.587285363	.4743738350
	noload biarticular hip actuator	-.768119061	.2935401368
	noload biarticular knee actuator	-.934535480	.1271237183
	noload constrained biarticular hip actuator	-.374546530	.6871126680
	noload constrained biarticular knee actuator	-.493143132	.5685160657
	noload constrained monoarticular hip actuator	-.324510020	.7371491783
	noload constrained monoarticular knee actuator	-.451187390	.6104718083
	noload monoarticular hip actuator	-.439071263	.6225879346
	noload monoarticular knee actuator	-.589064216	.4725949820
loaded constrained biarticular knee actuator	loaded biarticular hip actuator	-.882821195	.1788380029
	loaded biarticular knee actuator	-.822182914	.2394762841
	loaded constrained biarticular hip actuator	-.478971487	.5826877106
	loaded constrained monoarticular hip actuator	-.524521163	.5371380347
	loaded constrained monoarticular knee actuator	-.278370623	.7832885753
	loaded monoarticular hip actuator	-.815868081	.2457911172

Multiple Comparisons

Measure: MEASURE_1
Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	Mean Difference (I-J)	Std. Error	Sig.
	loaded monoarticular knee actuator	-.004597652	.1508596262	1.000
	noload biarticular hip actuator	-.185431351	.1508596262	.997
	noload biarticular knee actuator	-.351847769	.1508596262	.601
	noload constrained biarticular hip actuator	.2081411805	.1508596262	.991
	noload constrained biarticular knee actuator	.0895445783	.1508596262	1.000
	noload constrained monoarticular hip actuator	.2581776909	.1508596262	.939
	noload constrained monoarticular knee actuator	.1315003209	.1508596262	1.000
	noload monoarticular hip actuator	.1436164472	.1508596262	1.000
	noload monoarticular knee actuator	-.006376505	.1508596262	1.000
loaded constrained monoarticular hip actuator	loaded biarticular hip actuator	-.358300032	.1508596262	.570
	loaded biarticular knee actuator	-.297661751	.1508596262	.834
	loaded constrained biarticular hip actuator	.0455496759	.1508596262	1.000
	loaded constrained biarticular knee actuator	-.006308436	.1508596262	1.000
	loaded constrained monoarticular knee actuator	.2461505405	.1508596262	.958
	loaded monoarticular hip actuator	-.291346918	.1508596262	.855
	loaded monoarticular knee actuator	-.010906088	.1508596262	1.000
	noload biarticular hip actuator	-.191739786	.1508596262	.996
	noload biarticular knee actuator	-.358156205	.1508596262	.571

Multiple Comparisons

Measure: MEASURE_1

Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	95% Confidence Interval	
		Lower Bound	Upper Bound
	loaded monoarticular knee actuator	-.535427251	.5262319465
	noload biarticular hip actuator	-.716260950	.3453982484
	noload biarticular knee actuator	-.882677368	.1789818298
	noload constrained biarticular hip actuator	-.322688418	.7389707795
	noload constrained biarticular knee actuator	-.441285021	.6203741773
	noload constrained monoarticular hip actuator	-.272651908	.7890072899
	noload constrained monoarticular knee actuator	-.399329278	.6623299199
	noload monoarticular hip actuator	-.387213152	.6744460462
	noload monoarticular knee actuator	-.537206104	.5244530936
loaded constrained monoarticular hip actuator	loaded biarticular hip actuator	-.889129631	.1725295672
	loaded biarticular knee actuator	-.828491350	.2331678483
	loaded constrained biarticular hip actuator	-.485279923	.5763792749
	loaded constrained biarticular knee actuator	-.537138035	.5245211633
	loaded constrained monoarticular knee actuator	-.284679058	.7769801395
	loaded monoarticular hip actuator	-.822176517	.2394826814
	loaded monoarticular knee actuator	-.541735687	.5199235108
	noload biarticular hip actuator	-.722569385	.3390898127
	noload biarticular knee actuator	-.888985804	.1726733941

Multiple Comparisons

Measure: MEASURE_1

Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	Mean Difference (I-J)	Std. Error	Sig.
	noload constrained biarticular hip actuator	.2018327448	.1508596262	.993
	noload constrained biarticular knee actuator	.0832361426	.1508596262	1.000
	noload constrained monoarticular hip actuator	.2518692551	.1508596262	.950
	noload constrained monoarticular knee actuator	.1251918852	.1508596262	1.000
	noload monoarticular hip actuator	.1373080115	.1508596262	1.000
	noload monoarticular knee actuator	-.012684941	.1508596262	1.000
loaded constrained monoarticular knee actuator	loaded biarticular hip actuator	-.604450572*	.1508596262	.011
	loaded biarticular knee actuator	-.543812291*	.1508596262	.039
	loaded constrained biarticular hip actuator	-.200600865	.1508596262	.994
	loaded constrained biarticular knee actuator	-.252458976	.1508596262	.949
	loaded constrained monoarticular hip actuator	-.246150541	.1508596262	.958
	loaded monoarticular hip actuator	-.537497458*	.1508596262	.044
	loaded monoarticular knee actuator	-.257056629	.1508596262	.941
	noload biarticular hip actuator	-.437890327	.1508596262	.233
	noload biarticular knee actuator	-.604306745*	.1508596262	.011
	noload constrained biarticular hip actuator	-.044317796	.1508596262	1.000
	noload constrained biarticular knee actuator	-.162914398	.1508596262	.999

Multiple Comparisons

Measure: MEASURE_1

Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	95% Confidence Interval	
		Lower Bound	Upper Bound
	noload constrained biarticular hip actuator	-.328996854	.7326623438
	noload constrained biarticular knee actuator	-.447593456	.6140657416
	noload constrained monoarticular hip actuator	-.278960344	.7826988542
	noload constrained monoarticular knee actuator	-.405637714	.6560214842
	noload monoarticular hip actuator	-.393521588	.6681376105
	noload monoarticular knee actuator	-.543514540	.5181446579
loaded constrained monoarticular knee actuator	loaded biarticular hip actuator	-1.13528017	-.073620973
	loaded biarticular knee actuator	-1.07464189	-.012982692
	loaded constrained biarticular hip actuator	-.731430464	.3302287343
	loaded constrained biarticular knee actuator	-.783288575	.2783706228
	loaded constrained monoarticular hip actuator	-.776980140	.2846790585
	loaded monoarticular hip actuator	-1.06832706	-.006667859
	loaded monoarticular knee actuator	-.787886228	.2737729703
	noload biarticular hip actuator	-.968719926	.0929392722
	noload biarticular knee actuator	-1.13513634	-.073477146
	noload constrained biarticular hip actuator	-.575147395	.4865118033
	noload constrained biarticular knee actuator	-.693743997	.3679152011

Multiple Comparisons

Measure: MEASURE_1

Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	Mean Difference (I-J)	Std. Error	Sig.
	noload constrained monoarticular hip actuator	.0057187146	.1508596262	1.000
	noload constrained monoarticular knee actuator	-.120958655	.1508596262	1.000
	noload monoarticular hip actuator	-.108842529	.1508596262	1.000
	noload monoarticular knee actuator	-.258835482	.1508596262	.937
loaded monoarticular hip actuator	loaded biarticular hip actuator	-.066953114	.1508596262	1.000
	loaded biarticular knee actuator	-.006314833	.1508596262	1.000
	loaded constrained biarticular hip actuator	.3368965934	.1508596262	.672
	loaded constrained biarticular knee actuator	.2850384819	.1508596262	.874
	loaded constrained monoarticular hip actuator	.2913469176	.1508596262	.855
	loaded constrained monoarticular knee actuator	.537497458*	.1508596262	.044
	loaded monoarticular knee actuator	.2804408294	.1508596262	.887
	noload biarticular hip actuator	.0996071312	.1508596262	1.000
	noload biarticular knee actuator	-.066809287	.1508596262	1.000
	noload constrained biarticular hip actuator	.4931796624	.1508596262	.099
	noload constrained biarticular knee actuator	.3745830601	.1508596262	.493
	noload constrained monoarticular hip actuator	.543216173*	.1508596262	.039

Multiple Comparisons

Measure: MEASURE_1

Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	95% Confidence Interval	
		Lower Bound	Upper Bound
	noload constrained monoarticular hip actuator	-.525110884	.5365483136
	noload constrained monoarticular knee actuator	-.651788254	.4098709437
	noload monoarticular hip actuator	-.639672128	.4219870700
	noload monoarticular knee actuator	-.789665081	.2719941173
loaded monoarticular hip actuator	loaded biarticular hip actuator	-.597782713	.4638764848
	loaded biarticular knee actuator	-.537144432	.5245147659
	loaded constrained biarticular hip actuator	-.193933006	.8677261924
	loaded constrained biarticular knee actuator	-.245791117	.8158680809
	loaded constrained monoarticular hip actuator	-.239482681	.8221765166
	loaded constrained monoarticular knee actuator	.0066678591	1.068327057
	loaded monoarticular knee actuator	-.250388770	.8112704284
	noload biarticular hip actuator	-.431222468	.6304367303
	noload biarticular knee actuator	-.597638886	.4640203117
	noload constrained biarticular hip actuator	-.037649937	1.024009261
	noload constrained biarticular knee actuator	-.156246539	.9054126592
	noload constrained monoarticular hip actuator	.0123865737	1.074045772

Multiple Comparisons

Measure: MEASURE_1

Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	Mean Difference (I-J)	Std. Error	Sig.
	noload constrained monoarticular knee actuator	.4165388028	.1508596262	.309
	noload monoarticular hip actuator	.4286549290	.1508596262	.265
	noload monoarticular knee actuator	.2786619764	.1508596262	.892
loaded monoarticular knee actuator	loaded biarticular hip actuator	-.347393944	.1508596262	.623
	loaded biarticular knee actuator	-.286755662	.1508596262	.869

Multiple Comparisons

Measure: MEASURE_1

Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	95% Confidence Interval	
		Lower Bound	Upper Bound
	noload constrained monoarticular knee actuator	-.114290796	.9473684018
	noload monoarticular hip actuator	-.102174670	.9594845281
	noload monoarticular knee actuator	-.252167623	.8094915754
loaded monoarticular knee actuator	loaded biarticular hip actuator	-.878223543	.1834356554
	loaded biarticular knee actuator	-.817585261	.2440739365

Multiple Comparisons

Measure: MEASURE_1

Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	Mean Difference (I-J)	Std. Error	Sig.
	loaded constrained biarticular hip actuator	.0564557640	.1508596262	1.000
	loaded constrained biarticular knee actuator	.0045976525	.1508596262	1.000
	loaded constrained monoarticular hip actuator	.0109060882	.1508596262	1.000
	loaded constrained monoarticular knee actuator	.2570566287	.1508596262	.941
	loaded monoarticular hip actuator	-.280440829	.1508596262	.887
	noload biarticular hip actuator	-.180833698	.1508596262	.998
	noload biarticular knee actuator	-.347250117	.1508596262	.623
	noload constrained biarticular hip actuator	.2127388330	.1508596262	.989
	noload constrained biarticular knee actuator	.0941422308	.1508596262	1.000
	noload constrained monoarticular hip actuator	.2627753433	.1508596262	.930
	noload constrained monoarticular knee actuator	.1360979734	.1508596262	1.000
	noload monoarticular hip actuator	.1482140997	.1508596262	1.000
	noload monoarticular knee actuator	-.001778853	.1508596262	1.000
noload biarticular hip actuator	loaded biarticular hip actuator	-.166560245	.1508596262	.999
	loaded biarticular knee actuator	-.105921964	.1508596262	1.000
	loaded constrained biarticular hip actuator	.2372894622	.1508596262	.969
	loaded constrained biarticular knee actuator	.1854313506	.1508596262	.997

Multiple Comparisons

Measure: MEASURE_1

Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	95% Confidence Interval	
		Lower Bound	Upper Bound
	loaded constrained biarticular hip actuator	-.474373835	.5872853631
	loaded constrained biarticular knee actuator	-.526231947	.5354272515
	loaded constrained monoarticular hip actuator	-.519923511	.5417356872
	loaded constrained monoarticular knee actuator	-.273772970	.7878862277
	loaded monoarticular hip actuator	-.811270428	.2503887696
	noload biarticular hip actuator	-.711663297	.3499959009
	noload biarticular knee actuator	-.878079716	.1835794823
	noload constrained biarticular hip actuator	-.318090766	.7435684320
	noload constrained biarticular knee actuator	-.436687368	.6249718298
	noload constrained monoarticular hip actuator	-.268054256	.7936049423
	noload constrained monoarticular knee actuator	-.394731626	.6669275724
	noload monoarticular hip actuator	-.382615499	.6790436987
	noload monoarticular knee actuator	-.532608452	.5290507461
noload biarticular hip actuator	loaded biarticular hip actuator	-.697389844	.3642693535
	loaded biarticular knee actuator	-.636751563	.4249076347
	loaded constrained biarticular hip actuator	-.293540137	.7681190612
	loaded constrained biarticular knee actuator	-.345398248	.7162609496

Multiple Comparisons

Measure: MEASURE_1

Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	Mean Difference (I-J)	Std. Error	Sig.
	loaded constrained monoarticular hip actuator	.1917397863	.1508596262	.996
	loaded constrained monoarticular knee actuator	.4378903269	.1508596262	.233
	loaded monoarticular hip actuator	-.099607131	.1508596262	1.000
	loaded monoarticular knee actuator	.1808336981	.1508596262	.998
	noload biarticular knee actuator	-.166416419	.1508596262	.999
	noload constrained biarticular hip actuator	.3935725311	.1508596262	.405
	noload constrained biarticular knee actuator	.2749759289	.1508596262	.902
	noload constrained monoarticular hip actuator	.4436090415	.1508596262	.215
	noload constrained monoarticular knee actuator	.3169316715	.1508596262	.760
	noload monoarticular hip actuator	.3290477978	.1508596262	.708
	noload monoarticular knee actuator	.1790548452	.1508596262	.998
noload biarticular knee actuator	loaded biarticular hip actuator	-.000143827	.1508596262	1.000
	loaded biarticular knee actuator	.0604944542	.1508596262	1.000
	loaded constrained biarticular hip actuator	.4037058808	.1508596262	.361
	loaded constrained biarticular knee actuator	.3518477692	.1508596262	.601
	loaded constrained monoarticular hip actuator	.3581562049	.1508596262	.571

Multiple Comparisons

Measure: MEASURE_1

Tukey HSD

| (I) assistiveactuator | (J) assistiveactuator | 95% Confidence Interval | |
		Lower Bound	Upper Bound
	loaded constrained monoarticular hip actuator	-.339089813	.7225693853
	loaded constrained monoarticular knee actuator	-.092939272	.9687199259
	loaded monoarticular hip actuator	-.630436730	.4312224678
	loaded monoarticular knee actuator	-.349995901	.7116632972
	noload biarticular knee actuator	-.697246018	.3644131804
	noload constrained biarticular hip actuator	-.137257068	.9244021302
	noload constrained biarticular knee actuator	-.255853670	.8058055279
	noload constrained monoarticular hip actuator	-.087220558	.9744386405
	noload constrained monoarticular knee actuator	-.213897927	.8477612705
	noload monoarticular hip actuator	-.201781801	.8598773968
	noload monoarticular knee actuator	-.351774754	.7098844442
noload biarticular knee actuator	loaded biarticular hip actuator	-.530973426	.5306857721
	loaded biarticular knee actuator	-.470335145	.5913240533
	loaded constrained biarticular hip actuator	-.127123718	.9345354798
	loaded constrained biarticular knee actuator	-.178981830	.8826773682
	loaded constrained monoarticular hip actuator	-.172673394	.8889858039

Multiple Comparisons

Measure: MEASURE_1

Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	Mean Difference (I-J)	Std. Error	Sig.
	loaded constrained monoarticular knee actuator	.604306745*	.1508596262	.011
	loaded monoarticular hip actuator	.0668092873	.1508596262	1.000
	loaded monoarticular knee actuator	.3472501167	.1508596262	.623
	noload biarticular hip actuator	.1664164186	.1508596262	.999
	noload constrained biarticular hip actuator	.559988950*	.1508596262	.028
	noload constrained biarticular knee actuator	.4413923475	.1508596262	.222
	noload constrained monoarticular hip actuator	.610025460*	.1508596262	.010
	noload constrained monoarticular knee actuator	.4833480901	.1508596262	.117
	noload monoarticular hip actuator	.4954642164	.1508596262	.095
	noload monoarticular knee actuator	.3454712638	.1508596262	.632
noload constrained biarticular hip actuator	loaded biarticular hip actuator	-.560132777*	.1508596262	.028
	loaded biarticular knee actuator	-.499494495	.1508596262	.089
	loaded constrained biarticular hip actuator	-.156283069	.1508596262	1.000
	loaded constrained biarticular knee actuator	-.208141181	.1508596262	.991
	loaded constrained monoarticular hip actuator	-.201832745	.1508596262	.993
	loaded constrained monoarticular knee actuator	.0443177957	.1508596262	1.000
	loaded monoarticular hip actuator	-.493179662	.1508596262	.099

Multiple Comparisons

Measure: MEASURE_1

Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	95% Confidence Interval	
		Lower Bound	Upper Bound
	loaded constrained monoarticular knee actuator	.0734771464	1.135136344
	loaded monoarticular hip actuator	-.464020312	.5976388863
	loaded monoarticular knee actuator	-.183579482	.8780797157
	noload biarticular hip actuator	-.364413180	.6972460176
	noload constrained biarticular hip actuator	.0291593507	1.090818549
	noload constrained biarticular knee actuator	-.089437252	.9722219465
	noload constrained monoarticular hip actuator	.0791958610	1.140855059
	noload constrained monoarticular knee actuator	-.047481509	1.014177689
	noload monoarticular hip actuator	-.035365383	1.026293815
	noload monoarticular knee actuator	-.185358335	.8763008628
noload constrained biarticular hip actuator	loaded biarticular hip actuator	-1.09096238	-.029303178
	loaded biarticular knee actuator	-1.03032409	.0313351035
	loaded constrained biarticular hip actuator	-.687112668	.3745465301
	loaded constrained biarticular knee actuator	-.738970780	.3226884185
	loaded constrained monoarticular hip actuator	-.732662344	.3289968542
	loaded constrained monoarticular knee actuator	-.486511803	.5751473947
	loaded monoarticular hip actuator	-1.02400926	.0376499366

Multiple Comparisons

Measure: MEASURE_1

Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	Mean Difference (I-J)	Std. Error	Sig.
	loaded monoarticular knee actuator	-.212738833	.1508596262	.989
	noload biarticular hip actuator	-.393572531	.1508596262	.405
	noload biarticular knee actuator	-.559988950*	.1508596262	.028
	noload constrained biarticular knee actuator	-.118596602	.1508596262	1.000
	noload constrained monoarticular hip actuator	.0500365103	.1508596262	1.000
	noload constrained monoarticular knee actuator	-.076640860	.1508596262	1.000
	noload monoarticular hip actuator	-.064524733	.1508596262	1.000
	noload monoarticular knee actuator	-.214517686	.1508596262	.988
noload constrained biarticular knee actuator	loaded biarticular hip actuator	-.441536174	.1508596262	.222
	loaded biarticular knee actuator	-.380897893	.1508596262	.463
	loaded constrained biarticular hip actuator	-.037686467	.1508596262	1.000
	loaded constrained biarticular knee actuator	-.089544578	.1508596262	1.000
	loaded constrained monoarticular hip actuator	-.083236143	.1508596262	1.000
	loaded constrained monoarticular knee actuator	.1629143980	.1508596262	.999
	loaded monoarticular hip actuator	-.374583060	.1508596262	.493
	loaded monoarticular knee actuator	-.094142231	.1508596262	1.000
	noload biarticular hip actuator	-.274975929	.1508596262	.902

Multiple Comparisons

Measure: MEASURE_1

Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	95% Confidence Interval	
		Lower Bound	Upper Bound
	loaded monoarticular knee actuator	-.743568432	.3180907660
	noload biarticular hip actuator	-.924402130	.1372570679
	noload biarticular knee actuator	-1.09081855	-.029159351
	noload constrained biarticular knee actuator	-.649426201	.4122329968
	noload constrained monoarticular hip actuator	-.480793089	.5808661093
	noload constrained monoarticular knee actuator	-.607470459	.4541887394
	noload monoarticular hip actuator	-.595354332	.4663048657
	noload monoarticular knee actuator	-.745347285	.3163119131
noload constrained biarticular knee actuator	loaded biarticular hip actuator	-.972365773	.0892934246
	loaded biarticular knee actuator	-.911727492	.1499317058
	loaded constrained biarticular hip actuator	-.568516066	.4931431323
	loaded constrained biarticular knee actuator	-.620374177	.4412850207
	loaded constrained monoarticular hip actuator	-.614065742	.4475934564
	loaded constrained monoarticular knee actuator	-.367915201	.6937439970
	loaded monoarticular hip actuator	-.905412659	.1562465389
	loaded monoarticular knee actuator	-.624971830	.4366873683
	noload biarticular hip actuator	-.805805528	.2558536701

Multiple Comparisons

Measure: MEASURE_1

Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	Mean Difference (I-J)	Std. Error	Sig.
	noload biarticular knee actuator	-.441392347	.1508596262	.222
	noload constrained biarticular hip actuator	.1185966022	.1508596262	1.000
	noload constrained monoarticular hip actuator	.1686331126	.1508596262	.999
	noload constrained monoarticular knee actuator	.0419557426	.1508596262	1.000
	noload monoarticular hip actuator	.0540718689	.1508596262	1.000
	noload monoarticular knee actuator	-.095921084	.1508596262	1.000
noload constrained monoarticular hip actuator	loaded biarticular hip actuator	-.610169287*	.1508596262	.010
	loaded biarticular knee actuator	-.549531006*	.1508596262	.035
	loaded constrained biarticular hip actuator	-.206319579	.1508596262	.992
	loaded constrained biarticular knee actuator	-.258177691	.1508596262	.939
	loaded constrained monoarticular hip actuator	-.251869255	.1508596262	.950
	loaded constrained monoarticular knee actuator	-.005718715	.1508596262	1.000
	loaded monoarticular hip actuator	-.543216173*	.1508596262	.039
	loaded monoarticular knee actuator	-.262775343	.1508596262	.930
	noload biarticular hip actuator	-.443609041	.1508596262	.215
	noload biarticular knee actuator	-.610025460*	.1508596262	.010
	noload constrained biarticular hip actuator	-.050036510	.1508596262	1.000

Multiple Comparisons

Measure: MEASURE_1

Tukey HSD

		95% Confidence Interval	
(I) assistiveactuator	(J) assistiveactuator	Lower Bound	Upper Bound
	noload biarticular knee actuator	-.972221946	.0894372515
	noload constrained biarticular hip actuator	-.412232997	.6494262013
	noload constrained monoarticular hip actuator	-.362196486	.6994627116
	noload constrained monoarticular knee actuator	-.488873856	.5727853416
	noload monoarticular hip actuator	-.476757730	.5849014679
	noload monoarticular knee actuator	-.626750683	.4349085153
noload constrained monoarticular hip actuator	loaded biarticular hip actuator	-1.14099889	-.079339688
	loaded biarticular knee actuator	-1.08036060	-.018701407
	loaded constrained biarticular hip actuator	-.737149178	.3245100197
	loaded constrained biarticular knee actuator	-.789007290	.2726519082
	loaded constrained monoarticular hip actuator	-.782698854	.2789603439
	loaded constrained monoarticular knee actuator	-.536548314	.5251108844
	loaded monoarticular hip actuator	-1.07404577	-.012386574
	loaded monoarticular knee actuator	-.793604942	.2680542557
	noload biarticular hip actuator	-.974438640	.0872205575
	noload biarticular knee actuator	-1.14085506	-.079195861
	noload constrained biarticular hip actuator	-.580866109	.4807930887

Multiple Comparisons

Measure: MEASURE_1

Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	Mean Difference (I-J)	Std. Error	Sig.
	noload constrained biarticular knee actuator	-.168633113	.1508596262	.999
	noload constrained monoarticular knee actuator	-.126677370	.1508596262	1.000
	noload monoarticular hip actuator	-.114561244	.1508596262	1.000
	noload monoarticular knee actuator	-.264554196	.1508596262	.926
noload constrained monoarticular knee actuator	loaded biarticular hip actuator	-.483491917	.1508596262	.116
	loaded biarticular knee actuator	-.422853636	.1508596262	.286
	loaded constrained biarticular hip actuator	-.079642209	.1508596262	1.000
	loaded constrained biarticular knee actuator	-.131500321	.1508596262	1.000
	loaded constrained monoarticular hip actuator	-.125191885	.1508596262	1.000
	loaded constrained monoarticular knee actuator	.1209586553	.1508596262	1.000
	loaded monoarticular hip actuator	-.416538803	.1508596262	.309
	loaded monoarticular knee actuator	-.136097973	.1508596262	1.000
	noload biarticular hip actuator	-.316931672	.1508596262	.760
	noload biarticular knee actuator	-.483348090	.1508596262	.117
	noload constrained biarticular hip actuator	.0766408596	.1508596262	1.000
	noload constrained biarticular knee actuator	-.041955743	.1508596262	1.000
	noload constrained monoarticular hip actuator	.1266773700	.1508596262	1.000

Multiple Comparisons

Measure: MEASURE_1

Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	95% Confidence Interval	
		Lower Bound	Upper Bound
	noload constrained biarticular knee actuator	-.699462712	.3621964864
	noload constrained monoarticular knee actuator	-.657506969	.4041522291
	noload monoarticular hip actuator	-.645390843	.4162683553
	noload monoarticular knee actuator	-.795383795	.2662754027
noload constrained monoarticular knee actuator	loaded biarticular hip actuator	-1.01432152	.0473376820
	loaded biarticular knee actuator	-.953683235	.1079759632
	loaded constrained biarticular hip actuator	-.610471808	.4511873897
	loaded constrained biarticular knee actuator	-.662329920	.3993292781
	loaded constrained monoarticular hip actuator	-.656021484	.4056377138
	loaded constrained monoarticular knee actuator	-.409870944	.6517882543
	loaded monoarticular hip actuator	-.947368402	.1142907963
	loaded monoarticular knee actuator	-.666927572	.3947316256
	noload biarticular hip actuator	-.847761271	.2138979275
	noload biarticular knee actuator	-1.01417769	.0474815089
	noload constrained biarticular hip actuator	-.454188739	.6074704586
	noload constrained biarticular knee actuator	-.572785342	.4888738564
	noload constrained monoarticular hip actuator	-.404152229	.6575069690

Multiple Comparisons

Measure: MEASURE_1

Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	Mean Difference (I-J)	Std. Error	Sig.
noload monoarticular hip actuator	noload monoarticular hip actuator	.0121161263	.1508596262	1.000
	noload monoarticular knee actuator	-.137876826	.1508596262	1.000
	loaded biarticular hip actuator	-.495608043	.1508596262	.095
	loaded biarticular knee actuator	-.434969762	.1508596262	.243
	loaded constrained biarticular hip actuator	-.091758336	.1508596262	1.000
	loaded constrained biarticular knee actuator	-.143616447	.1508596262	1.000
	loaded constrained monoarticular hip actuator	-.137308011	.1508596262	1.000
	loaded constrained monoarticular knee actuator	.1088425290	.1508596262	1.000
	loaded monoarticular hip actuator	-.428654929	.1508596262	.265
	loaded monoarticular knee actuator	-.148214100	.1508596262	1.000
	noload biarticular hip actuator	-.329047798	.1508596262	.708
	noload biarticular knee actuator	-.495464216	.1508596262	.095
	noload constrained biarticular hip actuator	.0645247333	.1508596262	1.000
	noload constrained biarticular knee actuator	-.054071869	.1508596262	1.000
	noload constrained monoarticular hip actuator	.1145612437	.1508596262	1.000
	noload constrained monoarticular knee actuator	-.012116126	.1508596262	1.000
	noload monoarticular knee actuator	-.149992953	.1508596262	1.000

Multiple Comparisons

Measure: MEASURE_1
Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	95% Confidence Interval	
		Lower Bound	Upper Bound
	noload monoarticular hip actuator	-.518713473	.5429457253
	noload monoarticular knee actuator	-.668706425	.3929527727
noload monoarticular hip actuator	loaded biarticular hip actuator	-1.02643764	.0352215557
	loaded biarticular knee actuator	-.965799361	.0958598369
	loaded constrained biarticular hip actuator	-.622587935	.4390712634
	loaded constrained biarticular knee actuator	-.674446046	.3872131518
	loaded constrained monoarticular hip actuator	-.668137610	.3935215875
	loaded constrained monoarticular knee actuator	-.421987070	.6396721281
	loaded monoarticular hip actuator	-.959484528	.1021746700
	loaded monoarticular knee actuator	-.679043699	.3826154993
	noload biarticular hip actuator	-.859877397	.2017818012
	noload biarticular knee actuator	-1.02629382	.0353653826
	noload constrained biarticular hip actuator	-.466304866	.5953543323
	noload constrained biarticular knee actuator	-.584901468	.4767577301
	noload constrained monoarticular hip actuator	-.416268355	.6453908427
	noload constrained monoarticular knee actuator	-.542945725	.5187134727
	noload monoarticular knee actuator	-.680822552	.3808366464

Multiple Comparisons

Measure: MEASURE_1

Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	Mean Difference (I-J)	Std. Error	Sig.
noload monoarticular knee actuator	loaded biarticular hip actuator	-.345615091	.1508596262	.631
	loaded biarticular knee actuator	-.284976810	.1508596262	.874
	loaded constrained biarticular hip actuator	.0582346170	.1508596262	1.000
	loaded constrained biarticular knee actuator	.0063765054	.1508596262	1.000
	loaded constrained monoarticular hip actuator	.0126849411	.1508596262	1.000
	loaded constrained monoarticular knee actuator	.2588354817	.1508596262	.937
	loaded monoarticular hip actuator	-.278661976	.1508596262	.892
	loaded monoarticular knee actuator	.0017788530	.1508596262	1.000
	noload biarticular hip actuator	-.179054845	.1508596262	.998
	noload biarticular knee actuator	-.345471264	.1508596262	.632
	noload constrained biarticular hip actuator	.2145176860	.1508596262	.988
	noload constrained biarticular knee actuator	.0959210837	.1508596262	1.000
	noload constrained monoarticular hip actuator	.2645541963	.1508596262	.926
	noload constrained monoarticular knee actuator	.1378768263	.1508596262	1.000
	noload monoarticular hip actuator	.1499929526	.1508596262	1.000

Multiple Comparisons

Measure: MEASURE_1
Tukey HSD

(I) assistiveactuator	(J) assistiveactuator	95% Confidence Interval	
		Lower Bound	Upper Bound
noload monoarticular knee actuator	loaded biarticular hip actuator	-.876444690	.1852145083
	loaded biarticular knee actuator	-.815806409	.2458527895
	loaded constrained biarticular hip actuator	-.472594982	.5890642160
	loaded constrained biarticular knee actuator	-.524453094	.5372061044
	loaded constrained monoarticular hip actuator	-.518144658	.5435145402
	loaded constrained monoarticular knee actuator	-.271994117	.7896650807
	loaded monoarticular hip actuator	-.809491575	.2521676226
	loaded monoarticular knee actuator	-.529050746	.5326084520
	noload biarticular hip actuator	-.709884444	.3517747538
	noload biarticular knee actuator	-.876300863	.1853583353
	noload constrained biarticular hip actuator	-.316311913	.7453472850
	noload constrained biarticular knee actuator	-.434908515	.6267506827
	noload constrained monoarticular hip actuator	-.266275403	.7953837953
	noload constrained monoarticular knee actuator	-.392952773	.6687064253
	noload monoarticular hip actuator	-.380836646	.6808225516

Based on observed means.
 The error term is Mean Square(Error) = .080.

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

Homogeneous Subsets

MEASURE_1

Tukey HSD[a,b]

assistiveactuator	N	Subset 1	Subset 2	Subset 3
noload constrained monoarticular hip actuator	7	.9763417693		
loaded constrained monoarticular knee actuator	7	.9820604839		
noload constrained biarticular hip actuator	7	1.026378280	1.026378280	
noload monoarticular hip actuator	7	1.090903013	1.090903013	1.090903013
noload constrained monoarticular knee actuator	7	1.103019139	1.103019139	1.103019139
noload constrained biarticular knee actuator	7	1.144974882	1.144974882	1.144974882
loaded constrained biarticular hip actuator	7	1.182661349	1.182661349	1.182661349
loaded constrained monoarticular hip actuator	7	1.228211024	1.228211024	1.228211024
loaded constrained biarticular knee actuator	7	1.234519460	1.234519460	1.234519460
loaded monoarticular knee actuator	7	1.239117113	1.239117113	1.239117113
noload monoarticular knee actuator	7	1.240895966	1.240895966	1.240895966
noload biarticular hip actuator	7	1.419950811	1.419950811	1.419950811
loaded monoarticular hip actuator	7		1.519557942	1.519557942
loaded biarticular knee actuator	7		1.525872775	1.525872775
noload biarticular knee actuator	7			1.586367229
loaded biarticular hip actuator	7			1.586511056
Sig.		.215	.089	.095

Means for groups in homogeneous subsets are displayed.
 Based on observed means.
 The error term is Mean Square(Error) = .080.

   a. Uses Harmonic Mean Sample Size = 7.000.

   b. Alpha = .05.