

Data written to the working file.

36 variables and 28 cases written.

Variable: Head_amp_7_width_1 Type: Number Format : F18.16
Variable: Head_amp_7_width_2 Type: Number Format : F18.16
Variable: Head_amp_7_width_4 Type: Number Format : F19.17
Variable: Head_amp_25_width_1 Type: Number Format : F18.16
Variable: Head_amp_25_width_2 Type: Number Format : F18.16
Variable: Head_amp_25_width_4 Type: Number Format : F18.16
Variable: Head_amp_40_width_1 Type: Number Format : F18.16
Variable: Head_amp_40_width_2 Type: Number Format : F18.16
Variable: Head_amp_40_width_4 Type: Number Format : F18.16
Variable: High_amp_7_width_1 Type: Number Format : F18.16
Variable: High_amp_7_width_2 Type: Number Format : F18.16
Variable: High_amp_7_width_4 Type: Number Format : F19.17
Variable: High_amp_25_width_1 Type: Number Format : F18.16
Variable: High_amp_25_width_2 Type: Number Format : F18.16
Variable: High_amp_25_width_4 Type: Number Format : F18.16
Variable: High_amp_40_width_1 Type: Number Format : F18.16
Variable: High_amp_40_width_2 Type: Number Format : F18.16
Variable: High_amp_40_width_4 Type: Number Format : F18.16
Variable: Low_amp_7_width_1 Type: Number Format : F18.16
Variable: Low_amp_7_width_2 Type: Number Format : F18.16
Variable: Low_amp_7_width_4 Type: Number Format : F18.16
Variable: Low_amp_25_width_1 Type: Number Format : F18.16
Variable: Low_amp_25_width_2 Type: Number Format : F18.16
Variable: Low_amp_25_width_4 Type: Number Format : F18.16
Variable: Low_amp_40_width_1 Type: Number Format : F18.16
Variable: Low_amp_40_width_2 Type: Number Format : F18.16
Variable: Low_amp_40_width_4 Type: Number Format : F18.16
Variable: Mid_amp_7_width_1 Type: Number Format : F18.16
Variable: Mid_amp_7_width_2 Type: Number Format : F18.16
Variable: Mid_amp_7_width_4 Type: Number Format : F19.17
Variable: Mid_amp_25_width_1 Type: Number Format : F18.16
Variable: Mid_amp_25_width_2 Type: Number Format : F18.16
Variable: Mid_amp_25_width_4 Type: Number Format : F18.16
Variable: Mid_amp_40_width_1 Type: Number Format : F18.16
Variable: Mid_amp_40_width_2 Type: Number Format : F18.16
Variable: Mid_amp_40_width_4 Type: Number Format : F18.16

Substitute the following to build syntax for these data.

/VARIABLES=

Head_amp_7_width_1 F18.16
Head_amp_7_width_2 F18.16
Head_amp_7_width_4 F19.17
Head_amp_25_width_1 F18.16
Head_amp_25_width_2 F18.16
Head_amp_25_width_4 F18.16
Head_amp_40_width_1 F18.16
Head_amp_40_width_2 F18.16
Head_amp_40_width_4 F18.16
High_amp_7_width_1 F18.16
High_amp_7_width_2 F18.16
High_amp_7_width_4 F19.17
High_amp_25_width_1 F18.16
High_amp_25_width_2 F18.16
High_amp_25_width_4 F18.16
High_amp_40_width_1 F18.16

High_amp_40_width_2 F18.16
 High_amp_40_width_4 F18.16
 Low_amp_7_width_1 F18.16
 Low_amp_7_width_2 F18.16
 Low_amp_7_width_4 F18.16
 Low_amp_25_width_1 F18.16
 Low_amp_25_width_2 F18.16
 Low_amp_25_width_4 F18.16
 Low_amp_40_width_1 F18.16
 Low_amp_40_width_2 F18.16
 Low_amp_40_width_4 F18.16
 Mid_amp_7_width_1 F18.16
 Mid_amp_7_width_2 F18.16
 Mid_amp_7_width_4 F19.17
 Mid_amp_25_width_1 F18.16
 Mid_amp_25_width_2 F18.16
 Mid_amp_25_width_4 F18.16
 Mid_amp_40_width_1 F18.16
 Mid_amp_40_width_2 F18.16
 Mid_amp_40_width_4 F18.16

Movement Time

Within-Subjects Factors

Measure: MovementTime

Cursor	Amp	Width	Dependent Variable
1	1	1	Head_amp_7_width_1
		2	Head_amp_7_width_2
		3	Head_amp_7_width_4
	2	1	Head_amp_25_width_1
		2	Head_amp_25_width_2
		3	Head_amp_25_width_4
	3	1	Head_amp_40_width_1
		2	Head_amp_40_width_2
		3	Head_amp_40_width_4
2	1	1	Low_amp_7_width_1
		2	Low_amp_7_width_2
		3	Low_amp_7_width_4

Within-Subjects Factors

Measure: MovementTime

Cursor	Amp	Width	Dependent Variable
	2	1	Low__amp_25__width_1
		2	Low__amp_25__width_2
		3	Low__amp_25__width_4
	3	1	Low__amp_40__width_1
		2	Low__amp_40__width_2
		3	Low__amp_40__width_4
3	1	1	Mid__amp_7__width_1
		2	Mid__amp_7__width_2
		3	Mid__amp_7__width_4
	2	1	Mid__amp_25__width_1
		2	Mid__amp_25__width_2
		3	Mid__amp_25__width_4
	3	1	Mid__amp_40__width_1
		2	Mid__amp_40__width_2
		3	Mid__amp_40__width_4
4	1	1	High__amp_7__width_1
		2	High__amp_7__width_2
		3	High__amp_7__width_4
	2	1	High__amp_25__width_1
		2	High__amp_25__width_2
		3	High__amp_25__width_4

Within-Subjects Factors

Measure: MovementTime

Cursor	Amp	Width	Dependent Variable
	3	1	High__amp_40__width_1
		2	High__amp_40__width_2
		3	High__amp_40__width_4

Mauchly's Test of Sphericity^a

Measure: MovementTime

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon ^b Greenhouse-Geisser
Cursor	.700	9.183	5	.102	.830
Amp	.593	13.571	2	.001	.711
Width	.305	30.884	2	<.001	.590
Cursor * Amp	.515	16.440	20	.692	.834
Cursor * Width	.280	31.544	20	.050	.717
Amp * Width	.602	12.890	9	.168	.824
Cursor * Amp * Width	.029	80.462	77	.410	.680

Mauchly's Test of Sphericity^a

Measure: MovementTime

Within Subjects Effect	Epsilon ^b	
	Huynh-Feldt	Lower-bound
Cursor	.920	.333
Amp	.739	.500
Width	.601	.500
Cursor * Amp	1.000	.167
Cursor * Width	.869	.167
Amp * Width	.952	.250
Cursor * Amp * Width	1.000	.083

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

a. Design: Intercept

Within Subjects Design: Cursor + Amp + Width + Cursor * Amp + Cursor * Width + Amp * Width + Cursor * Amp * Width

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: MovementTime

Source		Type III Sum of Squares	df	Mean Square
Cursor	Sphericity Assumed	.073	3	.024
	Greenhouse-Geisser	.073	2.489	.029
	Huynh-Feldt	.073	2.761	.026
	Lower-bound	.073	1.000	.073
Error(Cursor)	Sphericity Assumed	3.503	81	.043
	Greenhouse-Geisser	3.503	67.198	.052
	Huynh-Feldt	3.503	74.560	.047
	Lower-bound	3.503	27.000	.130
Amp	Sphericity Assumed	30.780	2	15.390
	Greenhouse-Geisser	30.780	1.422	21.648
	Huynh-Feldt	30.780	1.478	20.822
	Lower-bound	30.780	1.000	30.780
Error(Amp)	Sphericity Assumed	.654	54	.012
	Greenhouse-Geisser	.654	38.389	.017
	Huynh-Feldt	.654	39.913	.016
	Lower-bound	.654	27.000	.024
Width	Sphericity Assumed	32.574	2	16.287
	Greenhouse-Geisser	32.574	1.180	27.608
	Huynh-Feldt	32.574	1.202	27.099
	Lower-bound	32.574	1.000	32.574
Error(Width)	Sphericity Assumed	1.213	54	.022
	Greenhouse-Geisser	1.213	31.856	.038
	Huynh-Feldt	1.213	32.454	.037
	Lower-bound	1.213	27.000	.045
Cursor * Amp	Sphericity Assumed	.407	6	.068
	Greenhouse-Geisser	.407	5.001	.081
	Huynh-Feldt	.407	6.000	.068
	Lower-bound	.407	1.000	.407
Error(Cursor*Amp)	Sphericity Assumed	.746	162	.005
	Greenhouse-Geisser	.746	135.029	.006
	Huynh-Feldt	.746	162.000	.005
	Lower-bound	.746	27.000	.028
Cursor * Width	Sphericity Assumed	.081	6	.013
	Greenhouse-Geisser	.081	4.300	.019
	Huynh-Feldt	.081	5.216	.015
	Lower-bound	.081	1.000	.081
Error(Cursor*Width)	Sphericity Assumed	.605	162	.004
	Greenhouse-Geisser	.605	116.102	.005
	Huynh-Feldt	.605	140.831	.004
	Lower-bound	.605	27.000	.022

Tests of Within-Subjects Effects

Measure: MovementTime

Source		F	Sig.	Partial Eta Squared
Cursor	Sphericity Assumed	.564	.640	.020
	Greenhouse-Geisser	.564	.609	.020
	Huynh-Feldt	.564	.626	.020
	Lower-bound	.564	.459	.020
Error(Cursor)	Sphericity Assumed			
	Greenhouse-Geisser			
	Huynh-Feldt			
	Lower-bound			
Amp	Sphericity Assumed	1271.659	<.001	.979
	Greenhouse-Geisser	1271.659	<.001	.979
	Huynh-Feldt	1271.659	<.001	.979
	Lower-bound	1271.659	<.001	.979
Error(Amp)	Sphericity Assumed			
	Greenhouse-Geisser			
	Huynh-Feldt			
	Lower-bound			
Width	Sphericity Assumed	725.320	<.001	.964
	Greenhouse-Geisser	725.320	<.001	.964
	Huynh-Feldt	725.320	<.001	.964
	Lower-bound	725.320	<.001	.964
Error(Width)	Sphericity Assumed			
	Greenhouse-Geisser			
	Huynh-Feldt			
	Lower-bound			
Cursor * Amp	Sphericity Assumed	14.722	<.001	.353
	Greenhouse-Geisser	14.722	<.001	.353
	Huynh-Feldt	14.722	<.001	.353
	Lower-bound	14.722	<.001	.353
Error(Cursor*Amp)	Sphericity Assumed			
	Greenhouse-Geisser			
	Huynh-Feldt			
	Lower-bound			
Cursor * Width	Sphericity Assumed	3.598	.002	.118
	Greenhouse-Geisser	3.598	.007	.118
	Huynh-Feldt	3.598	.004	.118
	Lower-bound	3.598	.069	.118
Error(Cursor*Width)	Sphericity Assumed			
	Greenhouse-Geisser			
	Huynh-Feldt			
	Lower-bound			

Tests of Within-Subjects Effects

Measure: MovementTime

Source		Type III Sum of Squares	df	Mean Square
Amp * Width	Sphericity Assumed	.269	4	.067
	Greenhouse-Geisser	.269	3.295	.081
	Huynh-Feldt	.269	3.808	.071
	Lower-bound	.269	1.000	.269
Error(Amp*Width)	Sphericity Assumed	.402	108	.004
	Greenhouse-Geisser	.402	88.969	.005
	Huynh-Feldt	.402	102.811	.004
	Lower-bound	.402	27.000	.015
Cursor * Amp * Width	Sphericity Assumed	.054	12	.004
	Greenhouse-Geisser	.054	8.164	.007
	Huynh-Feldt	.054	12.000	.004
	Lower-bound	.054	1.000	.054
Error(Cursor*Amp*Width)	Sphericity Assumed	1.280	324	.004
	Greenhouse-Geisser	1.280	220.415	.006
	Huynh-Feldt	1.280	324.000	.004
	Lower-bound	1.280	27.000	.047

Tests of Within-Subjects Effects

Measure: MovementTime

Source		F	Sig.	Partial Eta Squared
Amp * Width	Sphericity Assumed	18.039	<.001	.401
	Greenhouse-Geisser	18.039	<.001	.401
	Huynh-Feldt	18.039	<.001	.401
	Lower-bound	18.039	<.001	.401
Error(Amp*Width)	Sphericity Assumed			
	Greenhouse-Geisser			
	Huynh-Feldt			
	Lower-bound			
Cursor * Amp * Width	Sphericity Assumed	1.137	.329	.040
	Greenhouse-Geisser	1.137	.339	.040
	Huynh-Feldt	1.137	.329	.040
	Lower-bound	1.137	.296	.040
Error(Cursor*Amp*Width)	Sphericity Assumed			
	Greenhouse-Geisser			
	Huynh-Feldt			
	Lower-bound			

Estimated Marginal Means

1. Cursor

Pairwise Comparisons

Measure: MovementTime

(I) Cursor	(J) Cursor	Mean Difference (I-J)	Std. Error	Sig. ^a	95% Confidence Interval for Difference ^a	
					Lower Bound	Upper Bound
1	2	.002	.018	1.000	-.051	.054
	3	-.019	.023	1.000	-.085	.047
	4	-.012	.015	1.000	-.056	.033
2	1	-.002	.018	1.000	-.054	.051
	3	-.021	.019	1.000	-.074	.032
	4	-.013	.018	1.000	-.064	.037
3	1	.019	.023	1.000	-.047	.085
	2	.021	.019	1.000	-.032	.074
	4	.008	.017	1.000	-.040	.056
4	1	.012	.015	1.000	-.033	.056
	2	.013	.018	1.000	-.037	.064
	3	-.008	.017	1.000	-.056	.040

Based on estimated marginal means

a. Adjustment for multiple comparisons: Bonferroni.

2. Cursor * Amp

Pairwise Comparisons

Measure: MovementTime

Amp	(I) Cursor	(J) Cursor	Mean Difference (I-J)	Std. Error	Sig. ^b	95% Confidence Interval for Difference ^b
						Lower Bound
1	1	2	-.035	.016	.224	-.081
		3	-.068 [*]	.022	.029	-.131
		4	-.066 [*]	.018	.006	-.117
	2	1	.035	.016	.224	-.011
		3	-.032	.018	.480	-.083
		4	-.031	.019	.743	-.086
	3	1	.068 [*]	.022	.029	.005
		2	.032	.018	.480	-.018
		4	.002	.017	1.000	-.048
	4	1	.066 [*]	.018	.006	.015
		2	.031	.019	.743	-.024
		3	-.002	.017	1.000	-.051
2	1	2	.024	.023	1.000	-.041
		3	-.022	.025	1.000	-.093
		4	-.017	.018	1.000	-.069

Pairwise Comparisons

Measure: MovementTime

			95% Confidence Interval for ^b ...
Amp	(I) Cursor	(J) Cursor	Upper Bound
1	1	2	.011
		3	-.005
		4	-.015
	2	1	.081
		3	.018
		4	.024
	3	1	.131
		2	.083
		4	.051
	4	1	.117
		2	.086
		3	.048
2	1	2	.089
		3	.048
		4	.034

Pairwise Comparisons

Measure: MovementTime

Amp	(I) Cursor	(J) Cursor	Mean Difference (I-J)	Std. Error	Sig. ^b	95% Confidence Interval for ...
						Lower Bound
2	2	1	-.024	.023	1.000	-.089
		3	-.046	.021	.219	-.107
		4	-.041	.019	.258	-.097
	3	1	.022	.025	1.000	-.048
		2	.046	.021	.219	-.014
		4	.005	.019	1.000	-.048
	4	1	.017	.018	1.000	-.034
		2	.041	.019	.258	-.014
		3	-.005	.019	1.000	-.058
3	1	2	.016	.022	1.000	-.047
		3	.033	.028	1.000	-.048
		4	.049	.018	.060	-.001
	2	1	-.016	.022	1.000	-.079
		3	.017	.021	1.000	-.044
		4	.033	.019	.570	-.021
	3	1	-.033	.028	1.000	-.113
		2	-.017	.021	1.000	-.078
		4	.016	.020	1.000	-.039
	4	1	-.049	.018	.060	-.099
		2	-.033	.019	.570	-.087
		3	-.016	.020	1.000	-.072

Pairwise Comparisons

Measure: MovementTime

			95% Confidence Interval for ^b ...
Amp	(I) Cursor	(J) Cursor	Upper Bound
2	2	1	.041
		3	.014
		4	.014
	3	1	.093
		2	.107
		4	.058
	4	1	.069
		2	.097
		3	.048
3	1	2	.079
		3	.113
		4	.099
	2	1	.047
		3	.078
		4	.087
	3	1	.048
		2	.044
		4	.072
	4	1	.001
		2	.021
		3	.039

Based on estimated marginal means

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

b. Adjustment for multiple comparisons: Bonferroni.

4. Cursor * Width

Pairwise Comparisons

Measure: MovementTime

Width	(I) Cursor	(J) Cursor	Mean Difference (I-J)	Std. Error	Sig. ^a	95% Confidence Interval for ...
						Lower Bound
1	1	2	.013	.025	1.000	-.058
		3	.005	.025	1.000	-.067
		4	.019	.020	1.000	-.037
	2	1	-.013	.025	1.000	-.084
		3	-.008	.023	1.000	-.072
		4	.007	.020	1.000	-.050
	3	1	-.005	.025	1.000	-.077
		2	.008	.023	1.000	-.057
		4	.014	.018	1.000	-.038
	4	1	-.019	.020	1.000	-.075
		2	-.007	.020	1.000	-.063
		3	-.014	.018	1.000	-.067
2	1	2	-.005	.019	1.000	-.061
		3	-.040	.027	.922	-.118
		4	-.027	.019	.987	-.082
	2	1	.005	.019	1.000	-.050
		3	-.035	.020	.545	-.092
		4	-.022	.019	1.000	-.077
	3	1	.040	.027	.922	-.038
		2	.035	.020	.545	-.022
		4	.013	.019	1.000	-.042
	4	1	.027	.019	.987	-.027
		2	.022	.019	1.000	-.032
		3	-.013	.019	1.000	-.068
3	1	2	-.003	.015	1.000	-.046
		3	-.022	.019	1.000	-.077
		4	-.026	.014	.393	-.066
	2	1	.003	.015	1.000	-.040
		3	-.019	.017	1.000	-.069
		4	-.024	.018	1.000	-.076
	3	1	.022	.019	1.000	-.032
		2	.019	.017	1.000	-.030
		4	-.004	.017	1.000	-.053
	4	1	.026	.014	.393	-.013
		2	.024	.018	1.000	-.029
		3	.004	.017	1.000	-.045

Pairwise Comparisons

Measure: MovementTime

			95% Confidence Interval for ^a ...
Width	(I) Cursor	(J) Cursor	Upper Bound
1	1	2	.084
		3	.077
		4	.075
	2	1	.058
		3	.057
		4	.063
	3	1	.067
		2	.072
		4	.067
	4	1	.037
		2	.050
		3	.038
2	1	2	.050
		3	.038
		4	.027
	2	1	.061
		3	.022
		4	.032
	3	1	.118
		2	.092
		4	.068
	4	1	.082
		2	.077
		3	.042
3	1	2	.040
		3	.032
		4	.013
	2	1	.046
		3	.030
		4	.029
	3	1	.077
		2	.069
		4	.045
	4	1	.066
		2	.076
		3	.053

Based on estimated marginal means

a. Adjustment for multiple comparisons: Bonferroni.

6. Cursor * Amp * Width

Pairwise Comparisons

Measure: MovementTime

Amp	Width	(I) Cursor	(J) Cursor	Mean Difference (I-J)	Std. Error	Sig. ^b	95% Confidence Interval for ^b ...
							Lower Bound
1	1	1	2	-.023	.024	1.000	-.092
			3	-.062	.027	.172	-.138
			4	-.040	.023	.562	-.105
		2	1	.023	.024	1.000	-.045
			3	-.038	.024	.737	-.107
			4	-.016	.026	1.000	-.090
		3	1	.062	.027	.172	-.014
			2	.038	.024	.737	-.030
			4	.022	.023	1.000	-.044
		4	1	.040	.023	.562	-.025
			2	.016	.026	1.000	-.058
			3	-.022	.023	1.000	-.089
	2	1	2	-.052	.019	.062	-.106
			3	-.083 [*]	.027	.024	-.159
			4	-.098 [*]	.024	.002	-.168
		2	1	.052	.019	.062	-.002
			3	-.031	.020	.809	-.089
			4	-.046	.023	.340	-.113
		3	1	.083 [*]	.027	.024	.008
			2	.031	.020	.809	-.026
			4	-.015	.021	1.000	-.074
		4	1	.098 [*]	.024	.002	.029
			2	.046	.023	.340	-.020
			3	.015	.021	1.000	-.043
2	3	1	2	-.030	.016	.402	-.076
			3	-.058	.020	.051	-.116
			4	-.060 [*]	.015	.002	-.102
		2	1	.030	.016	.402	-.015
			3	-.028	.018	.803	-.079
			4	-.030	.017	.540	-.079
		3	1	.058	.020	.051	.000
			2	.028	.018	.803	-.023
			4	-.002	.016	1.000	-.047
		4	1	.060 [*]	.015	.002	.019
			2	.030	.017	.540	-.019
			3	.002	.016	1.000	-.043
	1	1	2	.032	.035	1.000	-.067
			3	-.006	.034	1.000	-.102
			4	.005	.028	1.000	-.075

Pairwise Comparisons

Measure: MovementTime

				95% Confidence Interval for ^b ...
Amp	Width	(I) Cursor	(J) Cursor	Upper Bound
1	1	1	2	.045
			3	.014
			4	.025
		2	1	.092
			3	.030
			4	.058
		3	1	.138
			2	.107
			4	.089
		4	1	.105
			2	.090
			3	.044
	2	1	2	.002
			3	-.008
			4	-.029
		2	1	.106
			3	.026
			4	.020
		3	1	.159
			2	.089
			4	.043
		4	1	.168
			2	.113
			3	.074
	3	1	2	.015
			3	.000
			4	-.019
		2	1	.076
			3	.023
			4	.019
		3	1	.116
			2	.079
			4	.043
		4	1	.102
			2	.079
			3	.047
2	1	1	2	.131
			3	.090
			4	.085

Pairwise Comparisons

Measure: MovementTime

Amp	Width	(I) Cursor	(J) Cursor	Mean Difference (I-J)	Std. Error	Sig. ^b	95% Confidence Interval for ^b ...
							Lower Bound
		2	1	-.032	.035	1.000	-.131
			3	-.038	.028	1.000	-.118
			4	-.027	.024	1.000	-.097
		3	1	.006	.034	1.000	-.090
			2	.038	.028	1.000	-.042
			4	.011	.024	1.000	-.057
		4	1	-.005	.028	1.000	-.085
			2	.027	.024	1.000	-.042
			3	-.011	.024	1.000	-.079
	2	1	2	.031	.024	1.000	-.038
			3	-.036	.032	1.000	-.126
			4	-.024	.025	1.000	-.094
		2	1	-.031	.024	1.000	-.100
			3	-.067	.027	.121	-.145
			4	-.055	.023	.145	-.120
		3	1	.036	.032	1.000	-.054
			2	.067	.027	.121	-.010
			4	.012	.026	1.000	-.062
		4	1	.024	.025	1.000	-.046
			2	.055	.023	.145	-.011
			3	-.012	.026	1.000	-.086
	3	1	2	.009	.017	1.000	-.040
			3	-.025	.020	1.000	-.082
			4	-.033	.017	.420	-.082
		2	1	-.009	.017	1.000	-.059
			3	-.034	.021	.661	-.093
			4	-.042	.023	.477	-.108
		3	1	.025	.020	1.000	-.032
			2	.034	.021	.661	-.025
			4	-.008	.025	1.000	-.078
		4	1	.033	.017	.420	-.017
			2	.042	.023	.477	-.024
			3	.008	.025	1.000	-.063
3	1	1	2	.030	.032	1.000	-.062
			3	.083	.032	.095	-.009
			4	.093 [*]	.029	.021	.010
		2	1	-.030	.032	1.000	-.122
			3	.053	.028	.416	-.027
			4	.063	.027	.149	-.013

Pairwise Comparisons

Measure: MovementTime

				95% Confidence Interval for ^b ...
Amp	Width	(I) Cursor	(J) Cursor	Upper Bound
		2	1	.067
			3	.042
			4	.042
		3	1	.102
			2	.118
			4	.079
		4	1	.075
			2	.097
			3	.057
	2	1	2	.100
			3	.054
			4	.046
		2	1	.038
			3	.010
			4	.011
		3	1	.126
			2	.145
			4	.086
		4	1	.094
			2	.120
			3	.062
	3	1	2	.059
			3	.032
			4	.017
		2	1	.040
			3	.025
			4	.024
		3	1	.082
			2	.093
			4	.063
		4	1	.082
			2	.108
			3	.078
3	1	1	2	.122
			3	.175
			4	.176
		2	1	.062
			3	.134
			4	.139

Pairwise Comparisons

Measure: MovementTime

Amp	Width	(I) Cursor	(J) Cursor	Mean Difference	Std. Error	Sig. ^b	95% Confidence
				(I-J)			Interval for ... Lower Bound
	2	3	1	-.083	.032	.095	-.175
			2	-.053	.028	.416	-.134
			4	.010	.022	1.000	-.053
		4	1	-.093 [*]	.029	.021	-.176
			2	-.063	.027	.149	-.139
			3	-.010	.022	1.000	-.073
		1	2	.006	.026	1.000	-.068
			3	-.001	.035	1.000	-.101
			4	.040	.024	.640	-.028
		2	1	-.006	.026	1.000	-.081
			3	-.007	.026	1.000	-.081
			4	.034	.022	.816	-.029
	3	3	1	.001	.035	1.000	-.099
			2	.007	.026	1.000	-.066
			4	.041	.028	.928	-.039
		4	1	-.040	.024	.640	-.108
			2	-.034	.022	.816	-.097
			3	-.041	.028	.928	-.121
		1	2	.012	.019	1.000	-.043
			3	.016	.026	1.000	-.058
			4	.014	.018	1.000	-.039
		2	1	-.012	.019	1.000	-.067
			3	.004	.024	1.000	-.065
			4	.001	.021	1.000	-.060
	4	3	1	-.016	.026	1.000	-.091
			2	-.004	.024	1.000	-.073
			4	-.003	.021	1.000	-.062
		4	1	-.014	.018	1.000	-.066
			2	-.001	.021	1.000	-.062
			3	.003	.021	1.000	-.056

Pairwise Comparisons

Measure: MovementTime

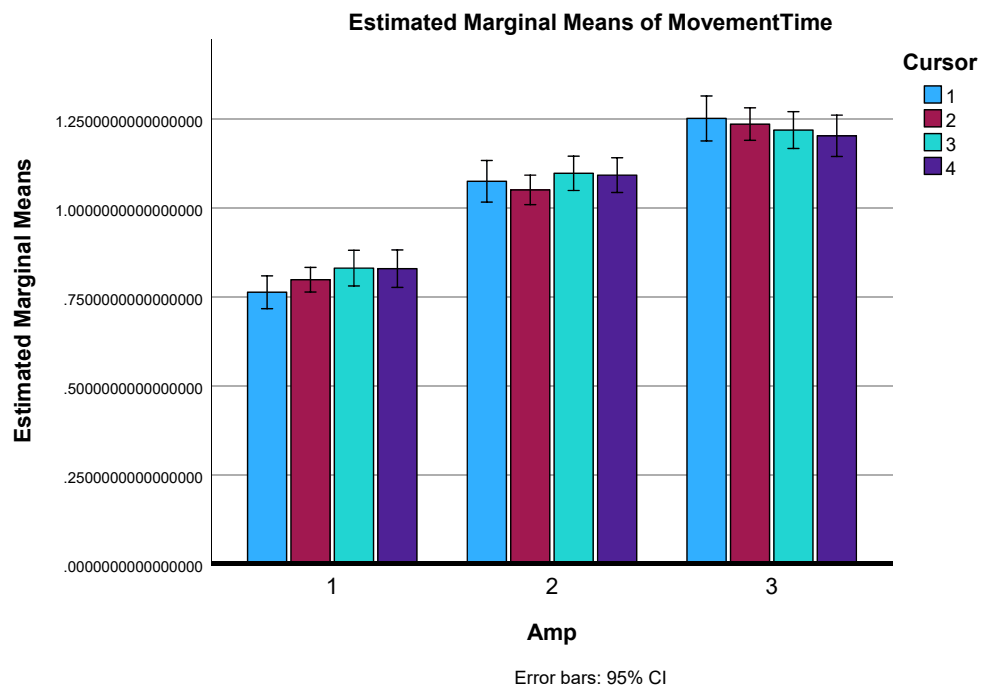
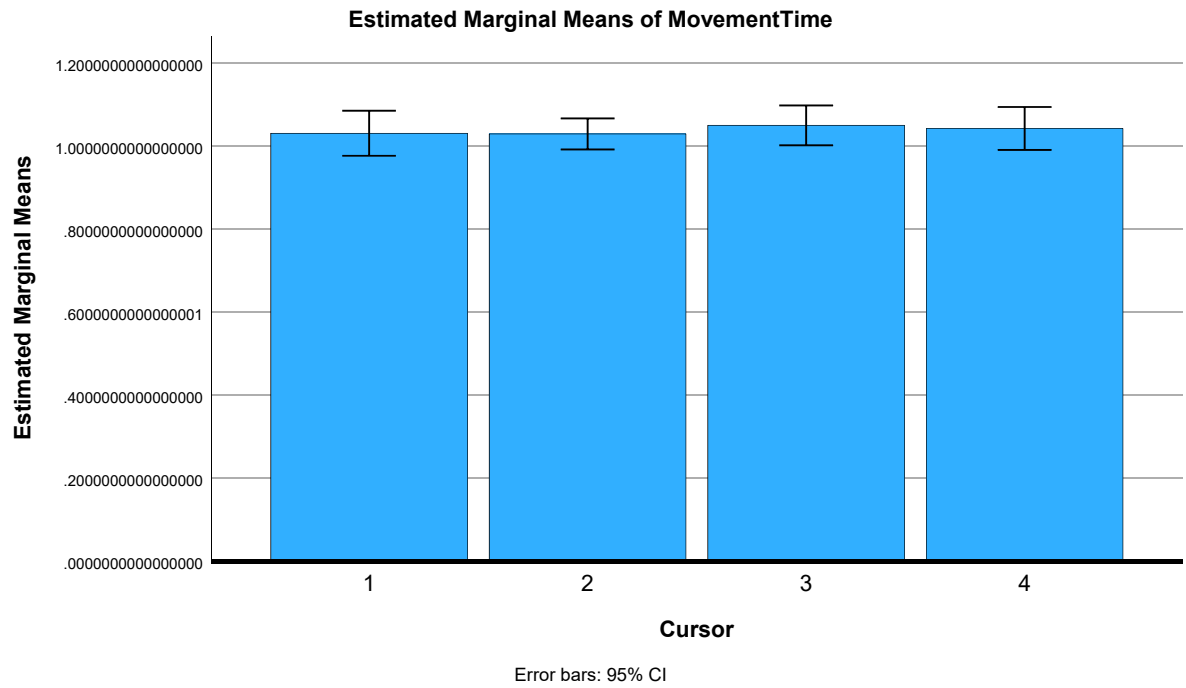
				95% Confidence Interval for ^b ...
Amp	Width	(I) Cursor	(J) Cursor	Upper Bound
		3	1	.009
			2	.027
			4	.073
		4	1	-.010
			2	.013
			3	.053
	2	1	2	.081
			3	.099
			4	.108
		2	1	.068
			3	.066
			4	.097
		3	1	.101
			2	.081
			4	.121
		4	1	.028
			2	.029
			3	.039
	3	1	2	.067
			3	.091
			4	.066
		2	1	.043
			3	.073
			4	.062
		3	1	.058
			2	.065
			4	.056
		4	1	.039
			2	.060
			3	.062

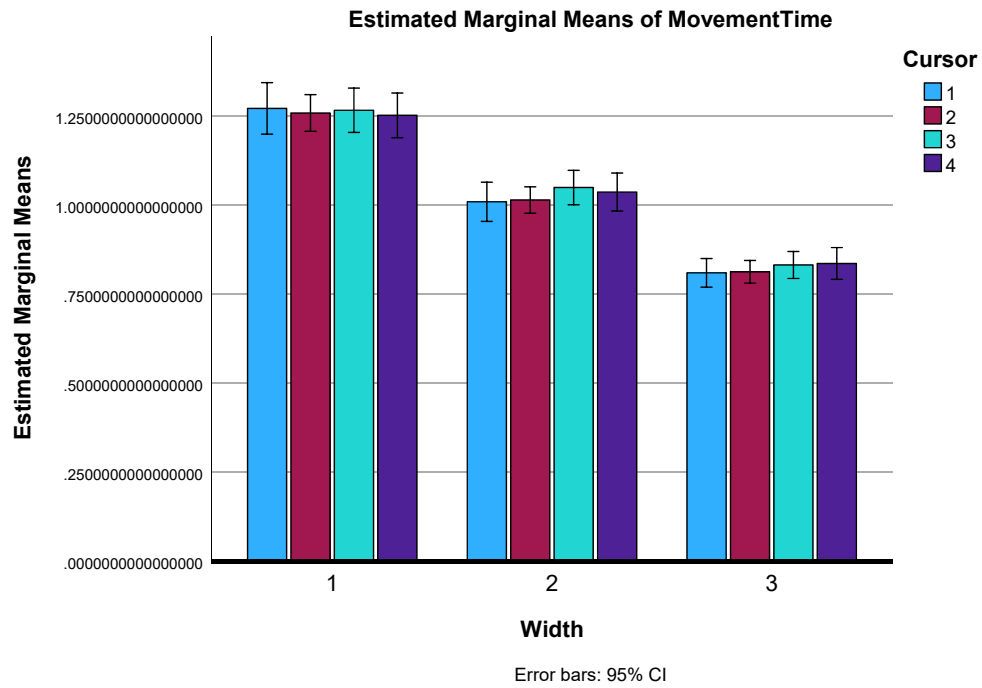
Based on estimated marginal means

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

b. Adjustment for multiple comparisons: Bonferroni.

Profile Plots





Width * Cursor * Amp

