

## Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Min	Max
						Lower	Upper		
ui	Gentleman	22	4.73	0.456	0.097	4.53	4.93	4	5
	MPS	22	3.95	0.844	0.180	3.58	4.33	2	5
	Total	44	4.34	0.776	0.117	4.11	4.58	2	5
control	Gentleman	22	4.77	0.429	0.091	4.58	4.96	4	5
	MPS	22	4.14	0.990	0.211	3.70	4.58	1	5
	Total	44	4.45	0.820	0.124	4.21	4.70	1	5
state	Gentleman	22	4.73	0.456	0.097	4.53	4.93	4	5
	MPS	22	4.27	0.767	0.164	3.93	4.61	2	5
	Total	44	4.50	0.665	0.100	4.30	4.70	2	5
navkey	Gentleman	10	4.30	0.823	0.260	3.71	4.89	3	5
	MPS	21	4.24	0.768	0.168	3.89	4.59	3	5
	Total	31	4.26	0.773	0.139	3.97	4.54	3	5
navmouse	Gentleman	22	4.86	0.351	0.075	4.71	5.02	4	5
	MPS	22	4.05	0.950	0.203	3.62	4.47	2	5
	Total	44	4.45	0.820	0.124	4.21	4.70	2	5
reuseval	Gentleman	22	4.64	0.581	0.124	4.38	4.89	3	5
	MPS	22	4.09	0.750	0.160	3.76	4.42	3	5
	Total	44	4.36	0.718	0.108	4.15	4.58	3	5
focus	Gentleman	22	4.59	0.796	0.170	4.24	4.94	3	5
	MPS	22	4.09	0.921	0.196	3.68	4.50	2	5
	Total	44	4.34	0.888	0.134	4.07	4.61	2	5
recover	Gentleman	22	4.73	0.456	0.097	4.53	4.93	4	5
	MPS	22	4.41	0.734	0.157	4.08	4.73	3	5
	Total	44	4.57	0.625	0.094	4.38	4.76	3	5
actions	Gentleman	22	4.73	0.456	0.097	4.53	4.93	4	5
	MPS	22	3.55	1.143	0.244	3.04	4.05	1	5
	Total	44	4.14	1.047	0.158	3.82	4.45	1	5
execution	Gentleman	22	4.77	0.528	0.113	4.54	5.01	3	5
	MPS	22	4.05	0.785	0.167	3.70	4.39	3	5
	Total	44	4.41	0.757	0.114	4.18	4.64	3	5

## Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
ui	Based on Mean	2.797	1	42	0.102
	Based on Median	4.004	1	42	0.052

	Based on Median and with adjusted df	4.004	1	39.475	0.052
	Based on trimmed mean	2.318	1	42	0.135
control	Based on Mean	2.711	1	42	0.107
	Based on Median	3.556	1	42	0.066
	Based on Median and with adjusted df	3.556	1	32.238	0.068
	Based on trimmed mean	3.872	1	42	0.056
state	Based on Mean	3.319	1	42	0.076
	Based on Median	2.908	1	42	0.096
	Based on Median and with adjusted df	2.908	1	39.311	0.096
	Based on trimmed mean	4.280	1	42	0.045
navkey	Based on Mean	0.107	1	29	0.746
	Based on Median	0.196	1	29	0.661
	Based on Median and with adjusted df	0.196	1	28.419	0.661
	Based on trimmed mean	0.092	1	29	0.764
navmouse	Based on Mean	19.903	1	42	0.000
	Based on Median	22.129	1	42	0.000
	Based on Median and with adjusted df	22.129	1	36.527	0.000
	Based on trimmed mean	22.758	1	42	0.000
reuseval	Based on Mean	0.514	1	42	0.477
	Based on Median	1.217	1	42	0.276
	Based on Median and with adjusted df	1.217	1	41.297	0.276
	Based on trimmed mean	0.844	1	42	0.364
focus	Based on Mean	0.030	1	42	0.862
	Based on Median	1.065	1	42	0.308
	Based on Median and with adjusted df	1.065	1	40.557	0.308
	Based on trimmed mean	0.236	1	42	0.629
recover	Based on Mean	9.227	1	42	0.004
	Based on Median	2.983	1	42	0.092
	Based on Median and with adjusted df	2.983	1	35.097	0.093
	Based on trimmed mean	8.723	1	42	0.005
actions	Based on Mean	16.697	1	42	0.000
	Based on Median	10.290	1	42	0.003
	Based on Median and with adjusted df	10.290	1	33.060	0.003

	Based on trimmed mean	16.153	1	42	0.000
execution	Based on Mean	3.347	1	42	0.074
	Based on Median	5.463	1	42	0.024
	Based on Median and with adjusted df	5.463	1	41.900	0.024
	Based on trimmed mean	4.514	1	42	0.040

### ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
ui	Between Groups	6.568	1	6.568	14.280	0.000
	Within Groups	19.318	42	0.460		
	Total	25.886	43			
control	Between Groups	4.455	1	4.455	7.651	0.008
	Within Groups	24.455	42	0.582		
	Total	28.909	43			
state	Between Groups	2.273	1	2.273	5.707	0.021
	Within Groups	16.727	42	0.398		
	Total	19.000	43			
navkey	Between Groups	0.026	1	0.026	0.042	0.839
	Within Groups	17.910	29	0.618		
	Total	17.935	30			
navmouse	Between Groups	7.364	1	7.364	14.354	0.000
	Within Groups	21.545	42	0.513		
	Total	28.909	43			
reuseval	Between Groups	3.273	1	3.273	7.269	0.010
	Within Groups	18.909	42	0.450		
	Total	22.182	43			
focus	Between Groups	2.750	1	2.750	3.709	0.061
	Within Groups	31.136	42	0.741		
	Total	33.886	43			
recover	Between Groups	1.114	1	1.114	2.983	0.092
	Within Groups	15.682	42	0.373		
	Total	16.795	43			
actions	Between Groups	15.364	1	15.364	20.280	0.000
	Within Groups	31.818	42	0.758		
	Total	47.182	43			
execution	Between Groups	5.818	1	5.818	12.986	0.001
	Within Groups	18.818	42	0.448		
	Total	24.636	43			

### Robust Tests of Equality of Means

		Statistic <sup>a</sup>	df1	df2	Sig.
ui	Welch	14.280	1	32.294	0.001
	Brown-Forsythe	14.280	1	32.294	0.001
control	Welch	7.651	1	28.613	0.010
	Brown-Forsythe	7.651	1	28.613	0.010
state	Welch	5.707	1	34.182	0.023
	Brown-Forsythe	5.707	1	34.182	0.023
navkey	Welch	0.040	1	16.721	0.844
	Brown-Forsythe	0.040	1	16.721	0.844
navmouse	Welch	14.354	1	26.636	0.001
	Brown-Forsythe	14.354	1	26.636	0.001
reuseval	Welch	7.269	1	39.529	0.010
	Brown-Forsythe	7.269	1	39.529	0.010
focus	Welch	3.709	1	41.141	0.061
	Brown-Forsythe	3.709	1	41.141	0.061
recover	Welch	2.983	1	35.097	0.093
	Brown-Forsythe	2.983	1	35.097	0.093
actions	Welch	20.280	1	27.511	0.000
	Brown-Forsythe	20.280	1	27.511	0.000
execution	Welch	12.986	1	36.778	0.001
	Brown-Forsythe	12.986	1	36.778	0.001

a. Asymptotically F distributed.

### Measures of Association

	Eta	Eta Squared
ui * tool	0.504	0.254
control * tool	0.393	0.154
state * tool	0.346	0.120
navkey * tool	0.038	0.001
navmouse * tool	0.505	0.255
reuseval * tool	0.384	0.148
focus * tool	0.285	0.081
recover * tool	0.257	0.066
actions * tool	0.571	0.326
execution * tool	0.486	0.236