Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Min	Max
						Lower	Upper		
NB_Selection	Gentleman	22	49.14	12.124	2.585	43.76	54.51	28	76
	MPS	22	55.45	20.694	4.412	46.28	64.63	30	98
	Total	44	52.30	17.063	2.572	47.11	57.48	28	98
NB_Blank	Gentleman	22	2.86	2.765	0.590	1.64	4.09	0	9
	MPS	22	5.64	4.499	0.959	3.64	7.63	0	18
	Total	44	4.25	3.948	0.595	3.05	5.45	0	18
NB_Miss	Gentleman	22	1.36	1.620	0.345	0.65	2.08	0	7
	MPS	22	1.09	1.269	0.271	0.53	1.65	0	4
	Total	44	1.23	1.445	0.218	0.79	1.67	0	7
NB_CxtChange	Gentleman	22	0.32	1.129	0.241	-0.18	0.82	0	5
	MPS	22	9.95	4.370	0.932	8.02	11.89	3	20
	Total	44	5.14	5.805	0.875	3.37	6.90	0	20
NB_Idle	Gentleman	22	2.23	1.343	0.286	1.63	2.82	0	6
	MPS	22	2.41	1.501	0.320	1.74	3.07	0	6
	Total	44	2.32	1.410	0.213	1.89	2.75	0	6
T_Idle	Gentleman	22	9.45	7.042	1.501	6.33	12.58	0	26
	MPS	22	11.86	9.321	1.987	7.73	16.00	0	35
	Total	44	10.66	8.255	1.244	8.15	13.17	0	35
NB_QA	Gentleman	22	1.50	1.144	0.244	0.99	2.01	0	4
	MPS	22	1.95	1.988	0.424	1.07	2.84	0	6
	Total	44	1.73	1.619	0.244	1.24	2.22	0	6
T_QA	Gentleman	22	11.45	9.689	2.066	7.16	15.75	0	30
	MPS	22	15.36	19.456	4.148	6.74	23.99	0	60
	Total	44	13.41	15.317	2.309	8.75	18.07	0	60
T_Total	Gentleman	22	295.00	107.593	22.939	247.30	342.70	115	540
	MPS	22	358.18	143.822	30.663	294.41	421.95	160	750
	Total	44	326.59	129.524	19.526	287.21	365.97	115	750
RT_Success	Gentleman	22	1.00	0.000	0.000	1.00	1.00	1	1
	MPS	22	1.00	0.000	0.000	1.00	1.00	1	1
	Total	44	1.00	0.000	0.000	1.00	1.00	1	1
NB_Block	Gentleman	22	0.00	0.000	0.000	0.00	0.00	0	0
	MPS	22	0.32	0.646	0.138	0.03	0.60	0	2
	Total	44	0.16	0.479	0.072	0.01	0.30	0	2
NB_Typos	Gentleman	22	0.18	0.395	0.084	0.01	0.36	0	1
	MPS	22	0.09	0.426	0.091	-0.10	0.28	0	2
	Total	44	0.14	0.409	0.062	0.01	0.26	0	2

NB_DesignErr	Gentleman	22	0.09	0.294	0.063	-0.04	0.22	0	1
	MPS	22	0.23	0.752	0.160	-0.11	0.56	0	3
	Total	44	0.16	0.568	0.086	-0.01	0.33	0	3
NB_Bug	Gentleman	22	0.05	0.213	0.045	-0.05	0.14	0	1
	MPS	22	0.00	0.000	0.000	0.00	0.00	0	0
	Total	44	0.02	0.151	0.023	-0.02	0.07	0	1
Detection	Gentleman	22	0.27273	0.455842	0.097186	0.07062	0.47484	0.000	1.000
	MPS	22	0.04545	0.213201	0.045455	-0.04907	0.13998	0.000	1.000
	Total	44	0.15909	0.369989	0.055778	0.04660	0.27158	0.000	1.000
RT_Recover	Gentleman	22	0.32	0.477	0.102	0.11	0.53	0	1
	MPS	22	0.14	0.351	0.075	-0.02	0.29	0	1
	Total	44	0.23	0.424	0.064	0.10	0.36	0	1
T_Recover	Gentleman	22	2.55	4.339	0.925	0.62	4.47	0	12
	MPS	22	1.14	3.299	0.703	-0.33	2.60	0	14
	Total	44	1.84	3.876	0.584	0.66	3.02	0	14
task_velocity	Gentleman	22	0.1813	0.06008	0.01281	0.1547	0.2080	0.10	0.30
	MPS	22	0.1658	0.06041	0.01288	0.1391	0.1926	0.09	0.32
	Total	44	0.1736	0.06005	0.00905	0.1553	0.1918	0.09	0.32

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
NB_Selection	Between Groups	439.114	1	439.114	1.527	0.223
	Within Groups	12080.045	42	287.620		
	Total	12519.159	43			
NB_Blank	Between Groups	84.568	1	84.568	6.064	0.018
	Within Groups	585.682	42	13.945		
	Total	670.250	43			
NB_Miss	Between Groups	0.818	1	0.818	0.387	0.538
	Within Groups	88.909	42	2.117		
	Total	89.727	43			
NB_CxtChange	Between Groups	1021.455	1	1021.455	100.300	0.000
	Within Groups	427.727	42	10.184		
	Total	1449.182	43			
NB_Idle	Between Groups	0.364	1	0.364	0.179	0.674
	Within Groups	85.182	42	2.028		
	Total	85.545	43			
T_Idle	Between Groups	63.841	1	63.841	0.936	0.339
	Within Groups	2866.045	42	68.239		
	Total	2929.886	43			

NB_QA	Between Groups	2.273	1	2.273	0.864	0.358
	Within Groups	110.455	42	2.630		
	Total	112.727	43			
T_QA	Between Groups	168.091	1	168.091	0.712	0.404
	Within Groups	9920.545	42	236.203		
	Total	10088.636	43			
T_Total	Between Groups	43911.364	1	43911.364	2.722	0.106
	Within Groups	677477.273	42	16130.411		
	Total	721388.636	43			
RT_Success	Between Groups	0.000	1	0.000		
	Within Groups	0.000	42	0.000		
	Total	0.000	43			
NB_Block	Between Groups	1.114	1	1.114	5.332	0.026
	Within Groups	8.773	42	0.209		
	Total	9.886	43			
NB_Typos	Between Groups	0.091	1	0.091	0.538	0.467
	Within Groups	7.091	42	0.169		
	Total	7.182	43			
NB_DesignErr	Between Groups	0.205	1	0.205	0.628	0.433
	Within Groups	13.682	42	0.326		
	Total	13.886	43			
NB_Bug	Between Groups	0.023	1	0.023	1.000	0.323
	Within Groups	0.955	42	0.023		
	Total	0.977	43			
Detection	Between Groups	0.568	1	0.568	4.487	0.040
	Within Groups	5.318	42	0.127		
	Total	5.886	43			
RT_Recover	Between Groups	0.364	1	0.364	2.074	0.157
	Within Groups	7.364	42	0.175		
	Total	7.727	43			
T_Recover	Between Groups	21.841	1	21.841	1.470	0.232
	Within Groups	624.045	42	14.858		
	Total	645.886	43			
task_velocity	Between Groups	0.003	1	0.003	0.727	0.399
	Within Groups	0.152	42	0.004		
	Total	0.155	43			

Robust Tests of Equality of Means[b,c,d]

	Statistic[a]	df1	df2	Sig.

NB_Selection	Welch	1.527	1	33.896	0.225
	Brown-Forsythe	1.527	1	33.896	0.225
NB_Blank	Welch	6.064	1	34.885	0.019
	Brown-Forsythe	6.064	1	34.885	0.019
NB_Miss	Welch	0.387	1	39.726	0.538
	Brown-Forsythe	0.387	1	39.726	0.538
NB_CxtChange	Welch	100.300	1	23.792	0.000
	Brown-Forsythe	100.300	1	23.792	0.000
NB_Idle	Welch	0.179	1	41.489	0.674
	Brown-Forsythe	0.179	1	41.489	0.674
T_Idle	Welch	0.936	1	39.082	0.339
	Brown-Forsythe	0.936	1	39.082	0.339
NB_QA	Welch	0.864	1	33.545	0.359
	Brown-Forsythe	0.864	1	33.545	0.359
T_QA	Welch	0.712	1	30.813	0.405
	Brown-Forsythe	0.712	1	30.813	0.405
T_Total	Welch	2.722	1	38.899	0.107
	Brown-Forsythe	2.722	1	38.899	0.107
RT_Success	Welch				
	Brown-Forsythe				
NB_Block	Welch				
	Brown-Forsythe				
NB_Typos	Welch	0.538	1	41.753	0.467
	Brown-Forsythe	0.538	1	41.753	0.467
NB_DesignErr	Welch	0.628	1	27.289	0.435
	Brown-Forsythe	0.628	1	27.289	0.435
NB_Bug	Welch				
	Brown-Forsythe				
Detection	Welch	4.487	1	29.768	0.043
	Brown-Forsythe	4.487	1	29.768	0.043
RT_Recover	Welch	2.074	1	38.610	0.158
	Brown-Forsythe	2.074	1	38.610	0.158
T_Recover	Welch	1.470	1	39.197	0.233
	Brown-Forsythe	1.470	1	39.197	0.233
task_velocity	Welch	0.727	1	41.999	0.399
	Brown-Forsythe	0.727	1	41.999	0.399

a. Asymptotically F distributed.

b. Robust tests of equality of means cannot be performed for RT_Success because at least one group has 0 variance.

c. Robust tests of equality of means cannot be performed for NB_Block because at least one group has 0 variance.

d. Robust tests of equality of means cannot be performed for NB_Bug because at least one group has 0 variance.

Measures of Association

	Eta	Eta Squared
NB_Selection * tool	0.187	0.035
NB_Blank * tool	0.355	0.126
NB_Miss * tool	0.095	0.009
NB_CxtChange * tool	0.840	0.705
NB_Idle * tool	0.065	0.004
T_Idle * tool	0.148	0.022
NB_QA * tool	0.142	0.020
T_QA * tool	0.129	0.017
T_Total * tool	0.247	0.061
NB_Block * tool	0.336	0.113
NB_Typos * tool	0.113	0.013
NB_DesignErr * tool	0.121	0.015
NB_Bug * tool	0.152	0.023
Detection * tool	0.311	0.097
RT_Recover * tool	0.217	0.047
T_Recover * tool	0.184	0.034
task_velocity * tool	0.130	0.017