Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Min
						Lower	Upper	
NB_Selection	Gentleman	22	16.55	4.512	0.962	14.55	18.55	11
	MPS	22	16.68	5.818	1.240	14.10	19.26	10
	Total	44	16.61	5.145	0.776	15.05	18.18	10
NB_Blank	Gentleman	22	0.77	1.066	0.227	0.30	1.25	0
	MPS	22	2.32	2.033	0.433	1.42	3.22	0
	Total	44	1.55	1.784	0.269	1.00	2.09	0
NB_Miss	Gentleman	22	0.18	0.501	0.107	-0.04	0.40	0
	MPS	22	0.18	0.501	0.107	-0.04	0.40	0
	Total	44	0.18	0.495	0.075	0.03	0.33	0
NB_CxtChange	Gentleman	22	0.00	0.000	0.000	0.00	0.00	0
	MPS	22	0.00	0.000	0.000	0.00	0.00	0
	Total	44	0.00	0.000	0.000	0.00	0.00	0
NB_Idle	Gentleman	22	0.95	1.090	0.232	0.47	1.44	0
	MPS	22	1.05	1.174	0.250	0.52	1.57	0
	Total	44	1.00	1.121	0.169	0.66	1.34	0
T_Idle	Gentleman	22	3.82	5.422	1.156	1.41	6.22	0
	MPS	22	4.45	7.576	1.615	1.10	7.81	0
	Total	44	4.14	6.519	0.983	2.15	6.12	0
NB_QA	Gentleman	22	0.09	0.426	0.091	-0.10	0.28	0
	MPS	22	0.23	0.429	0.091	0.04	0.42	0
	Total	44	0.16	0.428	0.065	0.03	0.29	0
T_QA	Gentleman	22	1.82	8.528	1.818	-1.96	5.60	0
	MPS	22	1.36	2.904	0.619	0.08	2.65	0
	Total	44	1.59	6.300	0.950	-0.32	3.51	0
T_Total	Gentleman	22	187.50	78.327	16.699	152.77	222.23	75
	MPS	22	212.95	92.243	19.666	172.06	253.85	80
	Total	44	200.23	85.542	12.896	174.22	226.23	75
RT_Success	Gentleman	22	1.00	0.000	0.000	1.00	1.00	1
	MPS	22	1.00	0.000	0.000	1.00	1.00	1
	Total	44	1.00	0.000	0.000	1.00	1.00	1
NB_Block	Gentleman	22	0.00	0.000	0.000	0.00	0.00	0
	MPS	22	0.05	0.213	0.045	-0.05	0.14	0
	Total	44	0.02	0.151	0.023	-0.02	0.07	0
NB_Typos	Gentleman	22	4.36	0.848	0.181	3.99	4.74	3
	MPS	22	4.00	0.926	0.197	3.59	4.41	2
	Total	44	4.18	0.896	0.135	3.91	4.45	2

NB_DesignErr	Gentleman	22	3.36	0.848	0.181	2.99	3.74	2
	MPS	22	3.45	0.800	0.171	3.10	3.81	2
	Total	44	3.41	0.816	0.123	3.16	3.66	2
NB_Bug	Gentleman	22	0.09	0.294	0.063	-0.04	0.22	0
	MPS	22	0.00	0.000	0.000	0.00	0.00	0
	Total	44	0.05	0.211	0.032	-0.02	0.11	0
Detection	Gentleman	22	1.00000	0.000000	0.000000	1.00000	1.00000	1.000
	MPS	22	1.00000	0.000000	0.000000	1.00000	1.00000	1.000
	Total	44	1.00000	0.000000	0.000000	1.00000	1.00000	1.000
RT_Recover	Gentleman	22	1.00	0.000	0.000	1.00	1.00	1
	MPS	22	1.00	0.000	0.000	1.00	1.00	1
	Total	44	1.00	0.000	0.000	1.00	1.00	1
T_Recover	Gentleman	22	86.59	36.167	7.711	70.56	102.63	40
	MPS	22	93.41	48.926	10.431	71.72	115.10	35
	Total	44	90.00	42.659	6.431	77.03	102.97	35
task_velocity	Gentleman	22	0.1056	0.06238	0.01330	0.0779	0.1332	0.05
	MPS	22	0.0938	0.05700	0.01215	0.0686	0.1191	0.03
	Total	44	0.0997	0.05935	0.00895	0.0817	0.1178	0.03

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
NB_Selection	Between Groups	0.205	1	0.205	0.008	0.931
	Within Groups	1138.227	42	27.101		
	Total	1138.432	43			
NB_Blank	Between Groups	26.273	1	26.273	9.974	0.003
	Within Groups	110.636	42	2.634		
	Total	136.909	43			
NB_Miss	Between Groups	0.000	1	0.000	0.000	1.000
	Within Groups	10.545	42	0.251		
	Total	10.545	43			
NB_CxtChange	Between Groups	0.000	1	0.000		
	Within Groups	0.000	42	0.000		
	Total	0.000	43			
NB_Idle	Between Groups	0.091	1	0.091	0.071	0.791
	Within Groups	53.909	42	1.284		
	Total	54.000	43			
T_Idle	Between Groups	4.455	1	4.455	0.103	0.750
	Within Groups	1822.727	42	43.398		
	Total	1827.182	43			

NB_QA	Between Groups	0.205	1	0.205	1.118	0.296
	Within Groups	7.682	42	0.183		
	Total	7.886	43			
T_QA	Between Groups	2.273	1	2.273	0.056	0.814
	Within Groups	1704.364	42	40.580		
	Total	1706.636	43			
T_Total	Between Groups	7127.273	1	7127.273	0.973	0.329
	Within Groups	307520.455	42	7321.916		
	Total	314647.727	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	0.023	1	0.023	1.000	0.323
	Within Groups	0.955	42	0.023		
	Total	0.977	43			
NB_Typos	Between Groups	1.455	1	1.455	1.846	0.181
	Within Groups	33.091	42	0.788		
	Total	34.545	43			
NB_DesignErr	Between Groups	0.091	1	0.091	0.134	0.716
	Within Groups	28.545	42	0.680		
	Total	28.636	43			
NB_Bug	Between Groups	0.091	1	0.091	2.100	0.155
	Within Groups	1.818	42	0.043		
	Total	1.909	43			
Detection	Between Groups	0.000	1	0.000		
	Within Groups	0.000	42	0.000		
	Total	0.000	43			
RT_Recover	Between Groups	0.000	1	0.000		
	Within Groups	0.000	42	0.000		
	Total	0.000	43			
T_Recover	Between Groups	511.364	1	511.364	0.276	0.602
	Within Groups	77738.636	42	1850.920		
	Total	78250.000	43			
task_velocity	Between Groups	0.002	1	0.002	0.425	0.518
	Within Groups	0.150	42	0.004		
	Total	0.151	43			

Robust Tests of Equality of Means[b,c,d,e,f,g]

	Statistic[a]	df1	df2	Sig.

NB_Selection	Welch	0.008	1	39.550	0.931
	Brown-Forsythe	0.008	1	39.550	0.931
NB_Blank	Welch	9.974	1	31.738	0.003
	Brown-Forsythe	9.974	1	31.738	0.003
NB_Miss	Welch	0.000	1	42.000	1.000
	Brown-Forsythe	0.000	1	42.000	1.000
NB_CxtChange	Welch				
	Brown-Forsythe				
NB_Idle	Welch	0.071	1	41.770	0.791
	Brown-Forsythe	0.071	1	41.770	0.791
T_Idle	Welch	0.103	1	38.039	0.750
	Brown-Forsythe	0.103	1	38.039	0.750
NB_QA	Welch	1.118	1	41.999	0.296
	Brown-Forsythe	1.118	1	41.999	0.296
T_QA	Welch	0.056	1	25.805	0.815
	Brown-Forsythe	0.056	1	25.805	0.815
T_Total	Welch	0.973	1	40.925	0.330
	Brown-Forsythe	0.973	1	40.925	0.330
RT_Success	Welch				
	Brown-Forsythe				
NB_Block	Welch				
	Brown-Forsythe				
NB_Typos	Welch	1.846	1	41.678	0.182
	Brown-Forsythe	1.846	1	41.678	0.182
NB_DesignErr	Welch	0.134	1	41.862	0.716
	Brown-Forsythe	0.134	1	41.862	0.716
NB_Bug	Welch				
	Brown-Forsythe				
Detection	Welch				
	Brown-Forsythe				
RT_Recover	Welch				
	Brown-Forsythe				
T_Recover	Welch	0.276	1	38.673	0.602
	Brown-Forsythe	0.276	1	38.673	0.602
task_velocity	Welch	0.425	1	41.664	0.518
	Brown-Forsythe	0.425	1	41.664	0.518

a. Asymptotically F distributed.

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

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

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

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

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

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

Measures of Association

	Eta	Eta Squared
NB_Selection * tool	0.013	0.000
NB_Blank * tool	0.438	0.192
NB_Miss * tool	0.000	0.000
NB_Idle * tool	0.041	0.002
T_Idle * tool	0.049	0.002
NB_QA * tool	0.161	0.026
T_QA * tool	0.036	0.001
T_Total * tool	0.151	0.023
NB_Block * tool	0.152	0.023
NB_Typos * tool	0.205	0.042
NB_DesignErr * tool	0.056	0.003
NB_Bug * tool	0.218	0.048
T_Recover * tool	0.081	0.007
task_velocity * tool	0.100	0.010

Max
26
28
28
4
7
7
2
2
2
0
0
0
3
5
5
20
35
35
2
1
2
40
10
40
370
460
460
1
1
1
0
1
1
6
6
6

6
5
6
1
0
1
1.000
1.000
1.000
1
1
1
200
280
280
0.32
0.28
0.32