Tests of Normality - i* concrete syntaxes, GenderMag motivation facet, creation task

	Motivation	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Precision	Abby	.107	34	.200*	.974	34	.565
	Tim	.158	56	.001	.940	56	.007
Recall	Abby	.102	34	.200*	.967	34	.375
	Tim	.173	56	.000	.954	56	.031
FMeasure	Abby	.106	34	.200*	.950	34	.126
	Tim	.103	56	.200*	.982	56	.550
Duration	Abby	.302	34	.000	.803	34	.000
	Tim	.217	56	.000	.837	56	.000
FirstActDet	Abby	.129	34	.162	.936	34	.049
	Tim	.199	56	.000	.850	56	.000
LastActDet	Abby	.242	34	.000	.818	34	.000
	Tim	.153	56	.002	.890	56	.000
ProcDur	Abby	.321	34	.000	.617	34	.000
	Tim	.271	56	.000	.785	56	.000
FixRel	Abby	.162	34	.025	.908	34	.007
	Tim	.194	56	.000	.875	56	.000
FixIrrel	Abby	.174	34	.011	.849	34	.000
	Tim	.160	56	.001	.871	56	.000
AvDurRelFix	Abby	.283	34	.000	.802	34	.000
	Tim	.219	56	.000	.882	56	.000
AvDurIrrelFix	Abby	.221	34	.000	.882	34	.002
	Tim	.149	56	.003	.929	56	.003
TotSac	Abby	.127	34	.181	.945	34	.087
	Tim	.121	56	.040	.922	56	.001
Sac2Key	Abby	.191	34	.003	.858	34	.000
	Tim	.185	56	.000	.860	56	.000
AvAttention	Abby	.230	34	.000	.892	34	.003
	Tim	.166	56	.001	.934	56	.004
AvMentWL	Abby	.158	34	.031	.936	34	.046
	Tim	.138	56	.010	.925	56	.002
AvFam	Abby	.197	34	.002	.927	34	.026
	Tim	.166	56	.001	.939	56	.007
AvSCL	Abby	.113	34	.200*	.960	34	.241
	Tim	.093	56	.200*	.961	56	.070
HRVar_RMSSD	Abby	.219	34	.000	.897	34	.004
	Tim	.136	56	.012	.937	56	.006
HRVar_NN50	Abby	.196	34	.002	.854	34	.000
	Tim	.156	56	.002	.902	56	.000
NASA_MD	Abby	.216	34	.000	.912	34	.010
	Tim	.177	56	.000	.913	56	.001
NASA_PD	Abby	.318	34	.000	.715	34	.000
	Tim	.272	56	.000	.691	56	.000
NASA_TD	Abby	.175	34	.009	.913	34	.011
	Tim	.245	56	.000	.832	56	.000
NASA_Performance	Abby	.117	34	.200*	.943	34	.075
	Tim	.247	56	.000	.788	56	.000
NASA_Effort	Abby	.160	34	.027	.942	34	.070

		Statistic	df	Sig.	Statistic	df	Sig.
	Tim	.179	56	.000	.922	56	.001
NASA_Frustration	Abby	.139	34	.094	.937	34	.052
	Tim	.135	56	.013	.898	56	.000
NASA_Score	Abby	.092	34	.200*	.961	34	.254
	Tim	.216	56	.000	.834	56	.000

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Tests of Normality - i* concrete syntaxes, GenderMag information processing facet, creation task

	InformationProcessing	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Precision	Abby	.128	70	.006	.955	70	.014
	Tim	.179	20	.094	.931	20	.159
Recall	Abby	.136	70	.002	.960	70	.024
	Tim	.162	20	.182	.935	20	.193
FMeasure	Abby	.075	70	.200*	.987	70	.683
	Tim	.124	20	.200*	.952	20	.395
Duration	Abby	.219	70	.000	.847	70	.000
	Tim	.346	20	.000	.731	20	.000
FirstActDet	Abby	.160	70	.000	.892	70	.000
	Tim	.137	20	.200*	.926	20	.132
LastActDet	Abby	.176	70	.000	.839	70	.000
	Tim	.372	20	.000	.741	20	.000
ProcDur	Abby	.256	70	.000	.788	70	.000
	Tim	.281	20	.000	.598	20	.000
FixRel	Abby	.172	70	.000	.885	70	.000
	Tim	.204	20	.029	.904	20	.050
FixIrrel	Abby	.156	70	.000	.878	70	.000
	Tim	.187	20	.065	.876	20	.015
AvDurRelFix	Abby	.174	70	.000	.919	70	.000
	Tim	.279	20	.000	.846	20	.004
AvDurIrrelFix	Abby	.190	70	.000	.824	70	.000
	Tim	.159	20	.199	.924	20	.121
TotSac	Abby	.120	70	.014	.934	70	.001
	Tim	.165	20	.156	.939	20	.227
Sac2Key	Abby	.185	70	.000	.860	70	.000
	Tim	.196	20	.042	.876	20	.015
AvAttention	Abby	.183	70	.000	.913	70	.000
	Tim	.263	20	.001	.867	20	.010
AvMentWL	Abby	.161	70	.000	.904	70	.000
	Tim	.230	20	.007	.917	20	.086
AvFam	Abby	.187	70	.000	.932	70	.001
	Tim	.229	20	.007	.875	20	.014
AvSCL	Abby	.072	70	.200*	.973	70	.129
	Tim	.164	20	.163	.931	20	.158
HRVar_RMSSD	Abby	.137	70	.002	.936	70	.001
	Tim	.197	20	.041	.886	20	.023
HRVar_NN50	Abby	.178	70	.000	.880	70	.000
	Tim	.163	20	.174	.896	20	.034
NASA_MD	Abby	.226	70	.000	.885	70	.000
	Tim	.282	20	.000	.831	20	.003
NASA_PD	Abby	.332	70	.000	.649	70	.000
	Tim	.306	20	.000	.796	20	.001
NASA_TD	Abby	.198	70	.000	.882	70	.000
	Tim	.245	20	.003	.817	20	.002
NASA_Performance	Abby	.148	70	.001	.875	70	.000
	Tim	.218	20	.014	.826	20	.002

		Statistic	df	Sig.	Statistic	df	Sig.
NASA_Effort	Abby	.152	70	.000	.934	70	.001
	Tim	.230	20	.007	.901	20	.043
NASA_Frustration	Abby	.164	70	.000	.905	70	.000
	Tim	.227	20	.008	.858	20	.007
NASA_Score	Abby	.141	70	.002	.915	70	.000
	Tim	.214	20	.017	.833	20	.003

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Tests of Normality - i* concrete syntaxes, GenderMag self-efficacy facet, creation task

	SelfEfficacy	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Precision	Abby	.133	57	.014	.963	57	.076
	Tim	.146	33	.070	.950	33	.134
Recall	Abby	.108	57	.095	.963	57	.080
	Tim	.197	33	.002	.941	33	.071
FMeasure	Abby	.087	57	.200*	.989	57	.871
	Tim	.153	33	.047	.942	33	.079
Duration	Abby	.239	57	.000	.797	57	.000
	Tim	.273	33	.000	.863	33	.001
FirstActDet	Abby	.137	57	.010	.908	57	.000
	Tim	.171	33	.016	.894	33	.004
LastActDet	Abby	.152	57	.002	.867	57	.000
	Tim	.269	33	.000	.865	33	.001
ProcDur	Abby	.223	57	.000	.841	57	.000
	Tim	.269	33	.000	.583	33	.000
FixRel	Abby	.166	57	.000	.884	57	.000
	Tim	.180	33	.008	.895	33	.004
FixIrrel	Abby	.157	57	.001	.878	57	.000
	Tim	.195	33	.003	.801	33	.000
AvDurRelFix	Abby	.141	57	.007	.956	57	.036
	Tim	.255	33	.000	.854	33	.000
AvDurIrrelFix	Abby	.172	57	.000	.863	57	.000
	Tim	.178	33	.010	.913	33	.012
TotSac	Abby	.131	57	.016	.931	57	.003
	Tim	.114	33	.200*	.948	33	.114
Sac2Key	Abby	.177	57	.000	.862	57	.000
	Tim	.198	33	.002	.858	33	.001
AvAttention	Abby	.166	57	.000	.926	57	.002
	Tim	.205	33	.001	.891	33	.003
AvMentWL	Abby	.163	57	.001	.891	57	.000
	Tim	.135	33	.134	.938	33	.058
AvFam	Abby	.189	57	.000	.929	57	.002
	Tim	.178	33	.010	.916	33	.014
AvSCL	Abby	.086	57	.200*	.961	57	.066
	Tim	.089	33	.200*	.977	33	.690
HRVar_RMSSD	Abby	.134	57	.012	.933	57	.003
	Tim	.197	33	.002	.904	33	.007
HRVar_NN50	Abby	.199	57	.000	.845	57	.000
	Tim	.153	33	.048	.909	33	.009
NASA_MD	Abby	.240	57	.000	.870	57	.000
	Tim	.198	33	.002	.920	33	.018
NASA_PD	Abby	.348	57	.000	.623	57	.000
	Tim	.300	33	.000	.800	33	.000
NASA_TD	Abby	.212	57	.000	.875	57	.000
	Tim	.245	33	.000	.861	33	.001
NASA_Performance	Abby	.137	57	.009	.888	57	.000
	Tim	.297	33	.000	.801	33	.000
NASA_Effort	Abby	.182	57	.000	.920	57	.001

		Statistic	df	Sig.	Statistic	df	Sig.
	Tim	.202	33	.001	.930	33	.035
NASA_Frustration	Abby	.164	57	.001	.897	57	.000
	Tim	.186	33	.005	.885	33	.002
NASA_Score	Abby	.135	57	.011	.913	57	.001
	Tim	.194	33	.003	.866	33	.001

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Tests of Normality - i* concrete syntaxes, GenderMag risk facet, creation task

	Risk	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Precision	Abby	.291	31	.000	.844	31	.000
	Tim	.123	59	.027	.959	59	.044
Recall	Abby	.113	31	.200[*]	.977	31	.718
	Tim	.151	59	.002	.956	59	.031
FMeasure	Abby	.131	31	.190	.961	31	.318
	Tim	.075	59	.200[*]	.980	59	.419
Duration	Abby	.301	31	.000	.769	31	.000
	Tim	.247	59	.000	.838	59	.000
FirstActDet	Abby	.113	31	.200[*]	.943	31	.101
	Tim	.192	59	.000	.855	59	.000
LastActDet	Abby	.245	31	.000	.820	31	.000
	Tim	.177	59	.000	.849	59	.000
ProcDur	Abby	.388	31	.000	.663	31	.000
	Tim	.248	59	.000	.750	59	.000
FixRel	Abby	.219	31	.001	.891	31	.004
	Tim	.188	59	.000	.870	59	.000
FixIrrel	Abby	.181	31	.011	.865	31	.001
	Tim	.153	59	.001	.894	59	.000
AvDurRelFix	Abby	.329	31	.000	.760	31	.000
	Tim	.200	59	.000	.885	59	.000
AvDurIrrelFix	Abby	.136	31	.154	.948	31	.138
	Tim	.193	59	.000	.877	59	.000
TotSac	Abby	.156	31	.053	.917	31	.020
	Tim	.128	59	.017	.928	59	.002
Sac2Key	Abby	.197	31	.004	.895	31	.005
	Tim	.216	59	.000	.835	59	.000
AvAttention	Abby	.187	31	.007	.916	31	.019
	Tim	.214	59	.000	.906	59	.000
AvMentWL	Abby	.112	31	.200[*]	.938	31	.075
	Tim	.124	59	.024	.931	59	.002
AvFam	Abby	.205	31	.002	.917	31	.020
	Tim	.216	59	.000	.930	59	.002
AvSCL	Abby	.146	31	.093	.939	31	.078
	Tim	.114	59	.055	.957	59	.035
HRVar_RMSSD	Abby	.240	31	.000	.795	31	.000
	Tim	.150	59	.002	.947	59	.012
HRVar_NN50	Abby	.197	31	.003	.865	31	.001
	Tim	.192	59	.000	.890	59	.000
NASA_MD	Abby	.267	31	.000	.844	31	.000
	Tim	.183	59	.000	.894	59	.000
NASA_PD	Abby	.328	31	.000	.714	31	.000
	Tim	.261	59	.000	.723	59	.000
NASA_TD	Abby	.246	31	.000	.871	31	.001
	Tim	.221	59	.000	.855	59	.000
NASA_Performance	Abby	.134	31	.167	.937	31	.068
	Tim	.237	59	.000	.801	59	.000
NASA_Effort	Abby	.193	31	.005	.894	31	.005

	Tim	.176	59	.000	.920	59	.001
NASA_Frustration	Abby	.243	31	.000	.883	31	.003
	Tim	.117	59	.044	.923	59	.001
NASA_Score	Abby	.100	31	.200*	.950	31	.155
	Tim	.195	59	.000	.841	59	.000

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Tests of Normality - i* concrete syntaxes, GenderMag learning style facet, creation task

	LearningStyle	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Precision	Abby	.170	28	.037	.939	28	.107
	Tim	.124	62	.018	.958	62	.033
Recall	Abby	.133	28	.200*	.970	28	.574
	Tim	.133	62	.008	.966	62	.079
FMeasure	Abby	.113	28	.200*	.975	28	.712
	Tim	.088	62	.200*	.975	62	.226
Duration	Abby	.298	28	.000	.819	28	.000
	Tim	.211	62	.000	.849	62	.000
FirstActDet	Abby	.187	28	.014	.941	28	.117
	Tim	.198	62	.000	.857	62	.000
LastActDet	Abby	.278	28	.000	.824	28	.000
	Tim	.146	62	.002	.838	62	.000
ProcDur	Abby	.366	28	.000	.699	28	.000
	Tim	.260	62	.000	.729	62	.000
FixRel	Abby	.208	28	.003	.888	28	.006
	Tim	.188	62	.000	.880	62	.000
FixIrrel	Abby	.175	28	.028	.873	28	.003
	Tim	.153	62	.001	.895	62	.000
AvDurRelFix	Abby	.299	28	.000	.802	28	.000
	Tim	.213	62	.000	.866	62	.000
AvDurIrrelFix	Abby	.233	28	.000	.926	28	.048
	Tim	.147	62	.002	.892	62	.000
TotSac	Abby	.152	28	.095	.924	28	.044
	Tim	.119	62	.029	.942	62	.005
Sac2Key	Abby	.227	28	.001	.862	28	.002
	Tim	.172	62	.000	.857	62	.000
AvAttention	Abby	.191	28	.010	.892	28	.007
	Tim	.190	62	.000	.931	62	.002
AvMentWL	Abby	.135	28	.200*	.917	28	.030
	Tim	.151	62	.001	.934	62	.002
AvFam	Abby	.183	28	.017	.910	28	.020
	Tim	.213	62	.000	.923	62	.001
AvSCL	Abby	.128	28	.200*	.936	28	.086
	Tim	.084	62	.200*	.952	62	.017
HRVar_RMSSD	Abby	.224	28	.001	.867	28	.002
	Tim	.127	62	.014	.949	62	.012
HRVar_NN50	Abby	.273	28	.000	.847	28	.001
	Tim	.147	62	.002	.900	62	.000
NASA_MD	Abby	.167	28	.044	.927	28	.053
	Tim	.202	62	.000	.902	62	.000
NASA_PD	Abby	.317	28	.000	.745	28	.000
	Tim	.264	62	.000	.683	62	.000
NASA_TD	Abby	.183	28	.018	.898	28	.010
	Tim	.254	62	.000	.854	62	.000
NASA_Performance	Abby	.179	28	.022	.863	28	.002
	Tim	.175	62	.000	.866	62	.000
NASA_Effort	Abby	.170	28	.037	.932	28	.069

		.155	62	.001	.936	62	.003
	Tim	.155	62	.001	.936	62	.003
NASA_Frustration	Abby	.160	28	.065	.881	28	.004
	Tim	.136	62	.006	.897	62	.000
NASA_Score	Abby	.183	28	.017	.887	28	.006
	Tim	.162	62	.000	.893	62	.000

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction