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

	Motivation	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Precision	Abby	.155	34	.037	.962	34	.281
	Tim	.151	56	.003	.958	56	.051
Recall	Abby	.122	34	.200[*]	.966	34	.355
	Tim	.169	56	.000	.921	56	.001
FMeasure	Abby	.076	34	.200[*]	.959	34	.230
	Tim	.116	56	.056	.959	56	.053
Duration	Abby	.230	34	.000	.820	34	.000
	Tim	.185	56	.000	.896	56	.000
FirstActDet	Abby	.246	34	.000	.855	34	.000
	Tim	.191	56	.000	.894	56	.000
LastActDet	Abby	.169	34	.015	.892	34	.003
	Tim	.116	56	.060	.949	56	.020
ProcDur	Abby	.298	34	.000	.739	34	.000
	Tim	.222	56	.000	.787	56	.000
FixRel	Abby	.168	34	.016	.894	34	.003
	Tim	.171	56	.000	.892	56	.000
FixIrrel	Abby	.185	34	.005	.827	34	.000
	Tim	.185	56	.000	.839	56	.000
AvDurRelFix	Abby	.287	34	.000	.697	34	.000
	Tim	.282	56	.000	.810	56	.000
AvDurIrrelFix	Abby	.202	34	.001	.870	34	.001
	Tim	.198	56	.000	.896	56	.000
TotSac	Abby	.131	34	.151	.917	34	.013
	Tim	.136	56	.011	.941	56	.008
Sac2Key	Abby	.226	34	.000	.844	34	.000
	Tim	.203	56	.000	.883	56	.000
AvAttention	Abby	.173	34	.011	.921	34	.017
	Tim	.140	56	.008	.926	56	.002
AvMentWL	Abby	.134	34	.126	.948	34	.108
	Tim	.144	56	.005	.945	56	.013
AvFam	Abby	.180	34	.007	.918	34	.014
	Tim	.194	56	.000	.919	56	.001
AvSCL	Abby	.120	34	.200[*]	.932	34	.035
	Tim	.089	56	.200[*]	.964	56	.098
HRVar_RMSSD	Abby	.198	34	.002	.870	34	.001
	Tim	.151	56	.003	.925	56	.002
HRVar_NN50	Abby	.216	34	.000	.817	34	.000
	Tim	.172	56	.000	.893	56	.000
NASA_MD	Abby	.158	34	.030	.937	34	.050
	Tim	.234	56	.000	.803	56	.000
NASA_PD	Abby	.292	34	.000	.707	34	.000
	Tim	.262	56	.000	.807	56	.000
NASA_TD	Abby	.190	34	.003	.905	34	.006
	Tim	.153	56	.002	.909	56	.000
NASA_Performance	Abby	.123	34	.200[*]	.958	34	.214
	Tim	.199	56	.000	.883	56	.000

		Statistic	df	Sig.	Statistic	df	Sig.
NASA_Effort	Abby	.099	34	.200*	.968	34	.400
	Tim	.161	56	.001	.935	56	.005
NASA_Frustration	Abby	.170	34	.014	.921	34	.017
	Tim	.099	56	.200*	.962	56	.077
NASA_Score	Abby	.146	34	.063	.949	34	.118
	Tim	.216	56	.000	.904	56	.000

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

a. Lilliefors Significance Correction

		Statistic	df	Sig.	Statistic	df	Sig.
NASA_Effort	Abby	.099	34	.200*	.968	34	.400
	Tim	.161	56	.001	.935	56	.005
NASA_Frustration	Abby	.170	34	.014	.921	34	.017
	Tim	.099	56	.200*	.962	56	.077
NASA_Score	Abby	.146	34	.063	.949	34	.118
	Tim	.216	56	.000	.904	56	.000

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

	InformationProcessing	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Precision	Abby	.112	59	.065	.970	59	.160
	Tim	.139	31	.129	.941	31	.088
Recall	Abby	.115	59	.049	.949	59	.015
	Tim	.171	31	.022	.929	31	.042
FMeasure	Abby	.070	59	.200[*]	.973	59	.210
	Tim	.118	31	.200[*]	.949	31	.148
Duration	Abby	.170	59	.000	.881	59	.000
	Tim	.357	31	.000	.751	31	.000
FirstActDet	Abby	.258	59	.000	.841	59	.000
	Tim	.178	31	.013	.918	31	.021
LastActDet	Abby	.081	59	.200[*]	.960	59	.049
	Tim	.337	31	.000	.785	31	.000
ProcDur	Abby	.158	59	.001	.870	59	.000
	Tim	.318	31	.000	.488	31	.000
FixRel	Abby	.212	59	.000	.864	59	.000
	Tim	.187	31	.007	.896	31	.006
FixIrrel	Abby	.157	59	.001	.865	59	.000
	Tim	.279	31	.000	.841	31	.000
AvDurRelFix	Abby	.204	59	.000	.800	59	.000
	Tim	.374	31	.000	.710	31	.000
AvDurIrrelFix	Abby	.199	59	.000	.815	59	.000
	Tim	.227	31	.000	.865	31	.001
TotSac	Abby	.117	59	.042	.920	59	.001
	Tim	.222	31	.000	.924	31	.031
Sac2Key	Abby	.222	59	.000	.844	59	.000
	Tim	.260	31	.000	.863	31	.001
AvAttention	Abby	.146	59	.003	.923	59	.001
	Tim	.295	31	.000	.829	31	.000
AvMentWL	Abby	.162	59	.001	.934	59	.003
	Tim	.144	31	.100	.949	31	.143
AvFam	Abby	.188	59	.000	.938	59	.005
	Tim	.276	31	.000	.834	31	.000
AvSCL	Abby	.091	59	.200[*]	.969	59	.138
	Tim	.200	31	.003	.931	31	.046
HRVar_RMSSD	Abby	.156	59	.001	.929	59	.002
	Tim	.206	31	.002	.808	31	.000
HRVar_NN50	Abby	.174	59	.000	.886	59	.000
	Tim	.207	31	.002	.829	31	.000
NASA_MD	Abby	.197	59	.000	.856	59	.000
	Tim	.276	31	.000	.801	31	.000
NASA_PD	Abby	.331	59	.000	.655	59	.000
	Tim	.330	31	.000	.780	31	.000
NASA_TD	Abby	.214	59	.000	.876	59	.000
	Tim	.328	31	.000	.818	31	.000
NASA_Performance	Abby	.174	59	.000	.912	59	.000
	Tim	.285	31	.000	.861	31	.001

		Statistic	df	Sig.	Statistic	df	Sig.
NASA_Effort	Abby	.145	59	.004	.936	59	.004
	Tim	.280	31	.000	.822	31	.000
NASA_Frustration	Abby	.138	59	.007	.950	59	.016
	Tim	.335	31	.000	.816	31	.000
NASA_Score	Abby	.141	59	.005	.947	59	.013
	Tim	.284	31	.000	.838	31	.000

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

a. Lilliefors Significance Correction

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

	SelfEfficacy	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Precision	Abby	.088	56	.200[*]	.979	56	.433
	Tim	.155	34	.038	.952	34	.145
Recall	Abby	.105	56	.191	.959	56	.055
	Tim	.197	34	.002	.914	34	.011
FMeasure	Abby	.070	56	.200[*]	.976	56	.334
	Tim	.163	34	.022	.915	34	.012
Duration	Abby	.168	56	.000	.859	56	.000
	Tim	.259	34	.000	.846	34	.000
FirstActDet	Abby	.204	56	.000	.887	56	.000
	Tim	.217	34	.000	.877	34	.001
LastActDet	Abby	.080	56	.200[*]	.959	56	.052
	Tim	.242	34	.000	.857	34	.000
ProcDur	Abby	.200	56	.000	.815	56	.000
	Tim	.332	34	.000	.636	34	.000
FixRel	Abby	.181	56	.000	.877	56	.000
	Tim	.147	34	.059	.896	34	.004
FixIrrel	Abby	.162	56	.001	.851	56	.000
	Tim	.182	34	.006	.908	34	.007
AvDurRelFix	Abby	.250	56	.000	.734	56	.000
	Tim	.269	34	.000	.791	34	.000
AvDurIrrelFix	Abby	.204	56	.000	.840	56	.000
	Tim	.194	34	.002	.910	34	.009
TotSac	Abby	.126	56	.027	.924	56	.002
	Tim	.164	34	.021	.936	34	.046
Sac2Key	Abby	.190	56	.000	.864	56	.000
	Tim	.214	34	.000	.866	34	.001
AvAttention	Abby	.154	56	.002	.934	56	.004
	Tim	.154	34	.039	.927	34	.025
AvMentWL	Abby	.150	56	.003	.941	56	.008
	Tim	.142	34	.080	.945	34	.087
AvFam	Abby	.181	56	.000	.937	56	.006
	Tim	.196	34	.002	.905	34	.006
AvSCL	Abby	.094	56	.200[*]	.970	56	.169
	Tim	.143	34	.075	.944	34	.082
HRVar_RMSSD	Abby	.158	56	.001	.927	56	.002
	Tim	.189	34	.003	.867	34	.001
HRVar_NN50	Abby	.193	56	.000	.874	56	.000
	Tim	.181	34	.006	.863	34	.001
NASA_MD	Abby	.175	56	.000	.843	56	.000
	Tim	.226	34	.000	.902	34	.005
NASA_PD	Abby	.326	56	.000	.715	56	.000
	Tim	.237	34	.000	.813	34	.000
NASA_TD	Abby	.193	56	.000	.885	56	.000
	Tim	.205	34	.001	.943	34	.073
NASA_Performance	Abby	.157	56	.002	.917	56	.001
	Tim	.164	34	.021	.932	34	.037

NASA_Effort	Abby	.136	56	.011	.945	56	.013
	Tim	.141	34	.084	.962	34	.272
NASA_Frustration	Abby	.093	56	.200[*]	.963	56	.082
	Tim	.211	34	.001	.905	34	.006
NASA_Score	Abby	.168	56	.000	.940	56	.008
	Tim	.160	34	.028	.923	34	.020

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a. Lilliefors Significance Correction

NASA_Effort	Abby	.136	56	.011	.945	56	.013
	Tim	.141	34	.084	.962	34	.272
NASA_Frustration	Abby	.093	56	.200[*]	.963	56	.082
	Tim	.211	34	.001	.905	34	.006
NASA_Score	Abby	.168	56	.000	.940	56	.008
	Tim	.160	34	.028	.923	34	.020

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

	Risk	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Precision	Abby	.152	36	.034	.940	36	.050
	Tim	.148	54	.005	.940	54	.009
Recall	Abby	.129	36	.134	.965	36	.305
	Tim	.137	54	.013	.921	54	.002
FMeasure	Abby	.079	36	.200[*]	.984	36	.877
	Tim	.117	54	.064	.922	54	.002
Duration	Abby	.334	36	.000	.807	36	.000
	Tim	.194	54	.000	.885	54	.000
FirstActDet	Abby	.175	36	.007	.934	36	.034
	Tim	.283	54	.000	.802	54	.000
LastActDet	Abby	.263	36	.000	.883	36	.001
	Tim	.115	54	.071	.964	54	.102
ProcDur	Abby	.369	36	.000	.613	36	.000
	Tim	.203	54	.000	.834	54	.000
FixRel	Abby	.201	36	.001	.900	36	.003
	Tim	.202	54	.000	.862	54	.000
FixIrrel	Abby	.261	36	.000	.760	36	.000
	Tim	.149	54	.004	.887	54	.000
AvDurRelFix	Abby	.384	36	.000	.667	36	.000
	Tim	.204	54	.000	.868	54	.000
AvDurIrrelFix	Abby	.216	36	.000	.907	36	.005
	Tim	.180	54	.000	.866	54	.000
TotSac	Abby	.213	36	.000	.898	36	.003
	Tim	.132	54	.020	.927	54	.003
Sac2Key	Abby	.245	36	.000	.844	36	.000
	Tim	.212	54	.000	.847	54	.000
AvAttention	Abby	.188	36	.003	.913	36	.008
	Tim	.142	54	.009	.950	54	.024
AvMentWL	Abby	.154	36	.030	.932	36	.030
	Tim	.166	54	.001	.923	54	.002
AvFam	Abby	.214	36	.000	.876	36	.001
	Tim	.179	54	.000	.936	54	.006
AvSCL	Abby	.164	36	.016	.956	36	.167
	Tim	.091	54	.200[*]	.959	54	.062
HRVar_RMSSD	Abby	.164	36	.015	.802	36	.000
	Tim	.142	54	.008	.939	54	.008
HRVar_NN50	Abby	.223	36	.000	.789	36	.000
	Tim	.150	54	.004	.901	54	.000
NASA_MD	Abby	.211	36	.000	.874	36	.001
	Tim	.235	54	.000	.847	54	.000
NASA_PD	Abby	.349	36	.000	.747	36	.000
	Tim	.270	54	.000	.727	54	.000
NASA_TD	Abby	.197	36	.001	.890	36	.002
	Tim	.181	54	.000	.902	54	.000
NASA_Performance	Abby	.213	36	.000	.908	36	.006
	Tim	.227	54	.000	.891	54	.000
NASA_Effort	Abby	.247	36	.000	.904	36	.004

		Statistic	df	Sig.	Statistic	df	Sig.
	Tim	.173	54	.000	.932	54	.004
NASA_Frustration	Abby	.230	36	.000	.877	36	.001
	Tim	.114	54	.079	.962	54	.082
NASA_Score	Abby	.212	36	.000	.903	36	.004
	Tim	.117	54	.062	.944	54	.014

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

a. Lilliefors Significance Correction

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

	LearningStyle	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Precision	Abby	.131	25	.200*	.957	25	.356
	Tim	.094	65	.200*	.974	65	.194
Recall	Abby	.155	25	.125	.950	25	.252
	Tim	.121	65	.020	.944	65	.005
FMeasure	Abby	.098	25	.200*	.980	25	.879
	Tim	.122	65	.018	.943	65	.005
Duration	Abby	.275	25	.000	.848	25	.002
	Tim	.166	65	.000	.904	65	.000
FirstActDet	Abby	.175	25	.047	.895	25	.014
	Tim	.290	65	.000	.798	65	.000
LastActDet	Abby	.276	25	.000	.850	25	.002
	Tim	.098	65	.193	.963	65	.050
ProcDur	Abby	.365	25	.000	.666	25	.000
	Tim	.213	65	.000	.823	65	.000
FixRel	Abby	.175	25	.047	.895	25	.015
	Tim	.169	65	.000	.891	65	.000
FixIrrel	Abby	.246	25	.000	.700	25	.000
	Tim	.157	65	.000	.867	65	.000
AvDurRelFix	Abby	.367	25	.000	.724	25	.000
	Tim	.231	65	.000	.851	65	.000
AvDurIrrelFix	Abby	.260	25	.000	.885	25	.009
	Tim	.173	65	.000	.895	65	.000
TotSac	Abby	.147	25	.169	.932	25	.097
	Tim	.125	65	.013	.933	65	.002
Sac2Key	Abby	.203	25	.009	.871	25	.005
	Tim	.208	65	.000	.861	65	.000
AvAttention	Abby	.123	25	.200*	.942	25	.168
	Tim	.164	65	.000	.940	65	.003
AvMentWL	Abby	.143	25	.197	.955	25	.322
	Tim	.137	65	.004	.941	65	.004
AvFam	Abby	.207	25	.007	.908	25	.027
	Tim	.173	65	.000	.931	65	.001
AvSCL	Abby	.113	25	.200*	.973	25	.724
	Tim	.107	65	.061	.960	65	.035
HRVar_RMSSD	Abby	.251	25	.000	.834	25	.001
	Tim	.153	65	.001	.929	65	.001
HRVar_NN50	Abby	.214	25	.005	.835	25	.001
	Tim	.171	65	.000	.881	65	.000
NASA_MD	Abby	.160	25	.100	.907	25	.026
	Tim	.183	65	.000	.883	65	.000
NASA_PD	Abby	.259	25	.000	.792	25	.000
	Tim	.266	65	.000	.761	65	.000
NASA_TD	Abby	.174	25	.048	.894	25	.013
	Tim	.156	65	.000	.921	65	.000
NASA_Performance	Abby	.128	25	.200*	.934	25	.105
	Tim	.170	65	.000	.925	65	.001

NASA_Effort	Abby	.143	25	.200*	.961	25	.444
	Tim	.139	65	.003	.954	65	.017
NASA_Frustration	Abby	.186	25	.026	.929	25	.081
	Tim	.109	65	.054	.957	65	.025
NASA_Score	Abby	.119	25	.200*	.940	25	.148
	Tim	.166	65	.000	.933	65	.002

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

a. Lilliefors Significance Correction

NASA_Effort	Abby	.143	25	.200*	.961	25	.444
	Tim	.139	65	.003	.954	65	.017
NASA_Frustration	Abby	.186	25	.026	.929	25	.081
	Tim	.109	65	.054	.957	65	.025
NASA_Score	Abby	.119	25	.200*	.940	25	.148
	Tim	.166	65	.000	.933	65	.002

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

a. Lilliefors Significance Correction