

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

	Motivation	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Precision	Abby	.139	28	.176	.929	28	.059
	Tim	.143	52	.010	.888	52	.000
Recall	Abby	.167	28	.045	.906	28	.015
	Tim	.196	52	.000	.817	52	.000
FMeasure	Abby	.098	28	.200 [*]	.968	28	.530
	Tim	.224	52	.000	.772	52	.000
Duration	Abby	.202	28	.005	.861	28	.002
	Tim	.099	52	.200 [*]	.953	52	.037
FirstActDet	Abby	.214	28	.002	.925	28	.045
	Tim	.243	52	.000	.887	52	.000
LastActDet	Abby	.202	28	.005	.874	28	.003
	Tim	.087	52	.200 [*]	.957	52	.060
ProcDur	Abby	.167	28	.044	.913	28	.024
	Tim	.231	52	.000	.832	52	.000
FixRel	Abby	.169	28	.039	.920	28	.036
	Tim	.151	52	.005	.888	52	.000
FixIrrel	Abby	.287	28	.000	.671	28	.000
	Tim	.194	52	.000	.787	52	.000
AvDurRelFix	Abby	.215	28	.002	.855	28	.001
	Tim	.102	52	.200 [*]	.952	52	.034
AvDurIrrelFix	Abby	.177	28	.025	.869	28	.002
	Tim	.124	52	.044	.947	52	.021
TotSac	Abby	.175	28	.028	.923	28	.041
	Tim	.087	52	.200 [*]	.961	52	.088
Sac2Key	Abby	.168	28	.042	.956	28	.284
	Tim	.110	52	.161	.961	52	.084
AvAttention	Abby	.176	28	.026	.924	28	.044
	Tim	.120	52	.061	.969	52	.190
AvMentWL	Abby	.169	28	.038	.875	28	.003
	Tim	.142	52	.011	.956	52	.052
AvFam	Abby	.226	28	.001	.884	28	.005
	Tim	.185	52	.000	.935	52	.007
AvSCL	Abby	.223	28	.001	.870	28	.002
	Tim	.125	52	.040	.953	52	.037
HRVar_RMSSD	Abby	.276	28	.000	.805	28	.000
	Tim	.175	52	.000	.933	52	.006
HRVar_NN50	Abby	.214	28	.002	.825	28	.000
	Tim	.177	52	.000	.894	52	.000
NASA_MD	Abby	.214	28	.002	.923	28	.042
	Tim	.167	52	.001	.954	52	.045
NASA_PD	Abby	.331	28	.000	.705	28	.000
	Tim	.328	52	.000	.639	52	.000
NASA_TD	Abby	.228	28	.001	.892	28	.007
	Tim	.220	52	.000	.844	52	.000
NASA_Performance	Abby	.296	28	.000	.794	28	.000
	Tim	.150	52	.005	.937	52	.008

NASA_Effort	Abby	.197	28	.007	.939	28	.107
	Tim	.108	52	.186	.969	52	.198
NASA_Frustration	Abby	.313	28	.000	.840	28	.001
	Tim	.170	52	.001	.936	52	.008
NASA_Score	Abby	.239	28	.000	.911	28	.021
	Tim	.170	52	.001	.911	52	.001

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

a. Lilliefors Significance Correction

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

	InformationProcessing	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Precision	Abby	.169	52	.001	.919	52	.002
	Tim	.186	28	.014	.880	28	.004
Recall	Abby	.170	52	.001	.878	52	.000
	Tim	.297	28	.000	.809	28	.000
FMeasure	Abby	.062	52	.200 [*]	.980	52	.531
	Tim	.240	28	.000	.842	28	.001
Duration	Abby	.122	52	.052	.945	52	.018
	Tim	.224	28	.001	.860	28	.001
FirstActDet	Abby	.221	52	.000	.910	52	.001
	Tim	.193	28	.009	.912	28	.022
LastActDet	Abby	.098	52	.200 [*]	.953	52	.041
	Tim	.206	28	.004	.878	28	.004
ProcDur	Abby	.245	52	.000	.822	52	.000
	Tim	.148	28	.122	.937	28	.092
FixRel	Abby	.182	52	.000	.875	52	.000
	Tim	.167	28	.045	.926	28	.049
FixIrrel	Abby	.207	52	.000	.813	52	.000
	Tim	.256	28	.000	.842	28	.001
AvDurRelFix	Abby	.125	52	.042	.942	52	.013
	Tim	.224	28	.001	.859	28	.001
AvDurIrrelFix	Abby	.131	52	.027	.945	52	.019
	Tim	.221	28	.001	.868	28	.002
TotSac	Abby	.087	52	.200 [*]	.966	52	.144
	Tim	.162	28	.057	.939	28	.103
Sac2Key	Abby	.116	52	.080	.961	52	.084
	Tim	.167	28	.043	.952	28	.225
AvAttention	Abby	.148	52	.006	.945	52	.019
	Tim	.237	28	.000	.879	28	.004
AvMentWL	Abby	.137	52	.017	.948	52	.023
	Tim	.129	28	.200 [*]	.969	28	.543
AvFam	Abby	.179	52	.000	.940	52	.011
	Tim	.248	28	.000	.858	28	.001
AvSCL	Abby	.170	52	.001	.938	52	.009
	Tim	.181	28	.019	.871	28	.003
HRVar_RMSSD	Abby	.152	52	.004	.928	52	.004
	Tim	.239	28	.000	.742	28	.000
HRVar_NN50	Abby	.170	52	.001	.897	52	.000
	Tim	.224	28	.001	.839	28	.001
NASA_MD	Abby	.138	52	.015	.937	52	.009
	Tim	.211	28	.003	.868	28	.002
NASA_PD	Abby	.383	52	.000	.548	52	.000
	Tim	.320	28	.000	.736	28	.000
NASA_TD	Abby	.211	52	.000	.857	52	.000
	Tim	.275	28	.000	.814	28	.000
NASA_Performance	Abby	.156	52	.003	.935	52	.007
	Tim	.306	28	.000	.809	28	.000

NASA_Effort	Abby	.123	52	.047	.950	52	.030
	Tim	.225	28	.001	.877	28	.003
NASA_Frustration	Abby	.212	52	.000	.912	52	.001
	Tim	.346	28	.000	.789	28	.000
NASA_Score	Abby	.193	52	.000	.898	52	.000
	Tim	.292	28	.000	.805	28	.000

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

a. Lilliefors Significance Correction

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

	SelfEfficacy	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Precision	Abby	.138	45	.030	.870	45	.000
	Tim	.112	35	.200 [*]	.936	35	.043
Recall	Abby	.167	45	.003	.844	45	.000
	Tim	.214	35	.000	.841	35	.000
FMeasure	Abby	.192	45	.000	.826	45	.000
	Tim	.197	35	.001	.868	35	.001
Duration	Abby	.114	45	.177	.956	45	.085
	Tim	.242	35	.000	.855	35	.000
FirstActDet	Abby	.257	45	.000	.868	45	.000
	Tim	.174	35	.009	.940	35	.056
LastActDet	Abby	.091	45	.200 [*]	.962	45	.146
	Tim	.228	35	.000	.874	35	.001
ProcDur	Abby	.246	45	.000	.838	45	.000
	Tim	.156	35	.030	.925	35	.020
FixRel	Abby	.171	45	.002	.879	45	.000
	Tim	.167	35	.015	.931	35	.031
FixIrrel	Abby	.239	45	.000	.778	45	.000
	Tim	.216	35	.000	.762	35	.000
AvDurRelFix	Abby	.116	45	.158	.954	45	.070
	Tim	.244	35	.000	.851	35	.000
AvDurIrrelFix	Abby	.157	45	.007	.948	45	.043
	Tim	.218	35	.000	.873	35	.001
TotSac	Abby	.137	45	.035	.951	45	.055
	Tim	.132	35	.129	.957	35	.191
Sac2Key	Abby	.095	45	.200 [*]	.962	45	.141
	Tim	.178	35	.006	.945	35	.077
AvAttention	Abby	.155	45	.009	.963	45	.155
	Tim	.157	35	.029	.947	35	.092
AvMentWL	Abby	.131	45	.051	.933	45	.012
	Tim	.140	35	.081	.971	35	.474
AvFam	Abby	.177	45	.001	.933	45	.012
	Tim	.194	35	.002	.913	35	.009
AvSCL	Abby	.165	45	.004	.932	45	.011
	Tim	.192	35	.002	.896	35	.003
HRVar_RMSSD	Abby	.176	45	.001	.920	45	.004
	Tim	.202	35	.001	.858	35	.000
HRVar_NN50	Abby	.174	45	.002	.890	45	.000
	Tim	.201	35	.001	.862	35	.000
NASA_MD	Abby	.135	45	.039	.954	45	.071
	Tim	.153	35	.037	.940	35	.056
NASA_PD	Abby	.381	45	.000	.584	45	.000
	Tim	.269	35	.000	.748	35	.000
NASA_TD	Abby	.222	45	.000	.849	45	.000
	Tim	.212	35	.000	.891	35	.002
NASA_Performance	Abby	.150	45	.013	.923	45	.005
	Tim	.214	35	.000	.898	35	.004

NASA_Effort	Abby	.110	45	.200*	.971	45	.305
	Tim	.156	35	.031	.960	35	.229
NASA_Frustration	Abby	.182	45	.001	.921	45	.005
	Tim	.250	35	.000	.881	35	.001
NASA_Score	Abby	.157	45	.007	.913	45	.003
	Tim	.204	35	.001	.915	35	.010

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

a. Lilliefors Significance Correction

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

	Risk	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Precision	Abby	.227	33	.000	.850	33	.000
	Tim	.203	47	.000	.858	47	.000
Recall	Abby	.125	33	.200 [*]	.930	33	.036
	Tim	.218	47	.000	.780	47	.000
FMeasure	Abby	.108	33	.200 [*]	.955	33	.180
	Tim	.232	47	.000	.754	47	.000
Duration	Abby	.186	33	.005	.866	33	.001
	Tim	.104	47	.200 [*]	.948	47	.036
FirstActDet	Abby	.184	33	.006	.921	33	.020
	Tim	.256	47	.000	.847	47	.000
LastActDet	Abby	.182	33	.007	.873	33	.001
	Tim	.104	47	.200 [*]	.947	47	.032
ProcDur	Abby	.129	33	.174	.931	33	.038
	Tim	.095	47	.200 [*]	.959	47	.094
FixRel	Abby	.201	33	.002	.906	33	.008
	Tim	.150	47	.010	.896	47	.001
FixIrrel	Abby	.246	33	.000	.746	33	.000
	Tim	.196	47	.000	.802	47	.000
AvDurRelFix	Abby	.204	33	.001	.857	33	.000
	Tim	.105	47	.200 [*]	.949	47	.038
AvDurIrrelFix	Abby	.178	33	.009	.864	33	.001
	Tim	.144	47	.016	.947	47	.034
TotSac	Abby	.206	33	.001	.910	33	.010
	Tim	.099	47	.200 [*]	.952	47	.052
Sac2Key	Abby	.193	33	.003	.944	33	.091
	Tim	.105	47	.200 [*]	.963	47	.138
AvAttention	Abby	.192	33	.003	.897	33	.004
	Tim	.114	47	.158	.968	47	.228
AvMentWL	Abby	.167	33	.021	.892	33	.003
	Tim	.156	47	.006	.947	47	.034
AvFam	Abby	.229	33	.000	.875	33	.001
	Tim	.181	47	.001	.941	47	.019
AvSCL	Abby	.221	33	.000	.870	33	.001
	Tim	.142	47	.019	.907	47	.001
HRVar_RMSSD	Abby	.189	33	.004	.891	33	.003
	Tim	.141	47	.020	.938	47	.015
HRVar_NN50	Abby	.256	33	.000	.761	33	.000
	Tim	.150	47	.010	.919	47	.003
NASA_MD	Abby	.203	33	.001	.939	33	.064
	Tim	.185	47	.000	.914	47	.002
NASA_PD	Abby	.334	33	.000	.714	33	.000
	Tim	.319	47	.000	.611	47	.000
NASA_TD	Abby	.180	33	.008	.901	33	.006
	Tim	.185	47	.000	.882	47	.000
NASA_Performance	Abby	.256	33	.000	.858	33	.001
	Tim	.143	47	.017	.930	47	.008

NASA_Effort	Abby	.199	33	.002	.926	33	.027
	Tim	.128	47	.050	.936	47	.012
NASA_Frustration	Abby	.272	33	.000	.840	33	.000
	Tim	.174	47	.001	.929	47	.007
NASA_Score	Abby	.220	33	.000	.922	33	.020
	Tim	.129	47	.047	.940	47	.018

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

a. Lilliefors Significance Correction

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

	LearningStyle	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Precision	Abby	.120	38	.179	.924	38	.013
	Tim	.140	42	.038	.883	42	.000
Recall	Abby	.227	38	.000	.827	38	.000
	Tim	.163	42	.007	.863	42	.000
FMeasure	Abby	.230	38	.000	.850	38	.000
	Tim	.171	42	.003	.840	42	.000
Duration	Abby	.197	38	.001	.871	38	.000
	Tim	.142	42	.032	.943	42	.036
FirstActDet	Abby	.211	38	.000	.922	38	.011
	Tim	.214	42	.000	.917	42	.005
LastActDet	Abby	.189	38	.001	.884	38	.001
	Tim	.140	42	.038	.950	42	.067
ProcDur	Abby	.152	38	.027	.926	38	.015
	Tim	.256	42	.000	.821	42	.000
FixRel	Abby	.190	38	.001	.887	38	.001
	Tim	.201	42	.000	.868	42	.000
FixIrrel	Abby	.225	38	.000	.735	38	.000
	Tim	.247	42	.000	.766	42	.000
AvDurRelFix	Abby	.196	38	.001	.870	38	.000
	Tim	.162	42	.008	.940	42	.028
AvDurIrrelFix	Abby	.192	38	.001	.873	38	.000
	Tim	.183	42	.001	.940	42	.028
TotSac	Abby	.116	38	.200 [*]	.941	38	.044
	Tim	.069	42	.200 [*]	.976	42	.525
Sac2Key	Abby	.178	38	.004	.937	38	.034
	Tim	.152	42	.016	.938	42	.025
AvAttention	Abby	.140	38	.059	.942	38	.049
	Tim	.128	42	.081	.967	42	.261
AvMentWL	Abby	.176	38	.004	.936	38	.031
	Tim	.155	42	.013	.942	42	.033
AvFam	Abby	.232	38	.000	.879	38	.001
	Tim	.217	42	.000	.922	42	.007
AvSCL	Abby	.144	38	.045	.919	38	.009
	Tim	.178	42	.002	.924	42	.008
HRVar_RMSSD	Abby	.241	38	.000	.838	38	.000
	Tim	.135	42	.053	.941	42	.031
HRVar_NN50	Abby	.191	38	.001	.862	38	.000
	Tim	.165	42	.006	.903	42	.002
NASA_MD	Abby	.160	38	.015	.939	38	.038
	Tim	.156	42	.012	.937	42	.023
NASA_PD	Abby	.290	38	.000	.751	38	.000
	Tim	.363	42	.000	.597	42	.000
NASA_TD	Abby	.176	38	.005	.883	38	.001
	Tim	.186	42	.001	.890	42	.001
NASA_Performance	Abby	.241	38	.000	.883	38	.001
	Tim	.137	42	.046	.939	42	.027
NASA_Effort	Abby	.147	38	.038	.943	38	.054

	Tim	.131	42	.069	.948	42	.055
NASA_Frustration	Abby	.227	38	.000	.909	38	.005
	Tim	.170	42	.004	.944	42	.040
NASA_Score	Abby	.171	38	.007	.926	38	.015
	Tim	.184	42	.001	.921	42	.007

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

a. Lilliefors Significance Correction