

Tests of Normality - i* notations

	Task	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Precision	i* 1.0 Understand	.125	40	.114	.923	40	.009
	i* 1.0 Review	.231	40	.000	.848	40	.000
	i* 1.0 Create	.177	40	.003	.898	40	.002
	i* 1.0 Modify	.143	40	.039	.928	40	.014
	iStar 2.0 Understand	.149	40	.026	.882	40	.001
	iStar 2.0 Review	.212	40	.000	.902	40	.002
	iStar 2.0 Create	.145	50	.011	.959	50	.077
	iStar 2.0 Modify	.138	50	.018	.945	50	.022
Recall	i* 1.0 Understand	.184	40	.002	.860	40	.000
	i* 1.0 Review	.262	40	.000	.840	40	.000
	i* 1.0 Create	.234	40	.000	.872	40	.000
	i* 1.0 Modify	.213	40	.000	.883	40	.001
	iStar 2.0 Understand	.218	40	.000	.834	40	.000
	iStar 2.0 Review	.153	40	.020	.927	40	.013
	iStar 2.0 Create	.150	50	.007	.952	50	.040
	iStar 2.0 Modify	.146	50	.009	.904	50	.001
FMeasure	i* 1.0 Understand	.176	40	.003	.865	40	.000
	i* 1.0 Review	.132	40	.078	.961	40	.178
	i* 1.0 Create	.096	40	.200 [*]	.978	40	.607
	i* 1.0 Modify	.107	40	.200 [*]	.979	40	.642
	iStar 2.0 Understand	.181	40	.002	.813	40	.000
	iStar 2.0 Review	.133	40	.073	.946	40	.057
	iStar 2.0 Create	.109	50	.191	.963	50	.117
	iStar 2.0 Modify	.126	50	.047	.921	50	.003
Duration	i* 1.0 Understand	.232	40	.000	.817	40	.000
	i* 1.0 Review	.217	40	.000	.866	40	.000
	i* 1.0 Create	.227	40	.000	.856	40	.000
	i* 1.0 Modify	.246	40	.000	.805	40	.000
	iStar 2.0	.238	40	.000	.814	40	.000

	Understand						
	iStar 2.0 Review	.225	40	.000	.813	40	.000
	iStar 2.0 Create	.242	50	.000	.838	50	.000
	iStar 2.0 Modify	.258	50	.000	.837	50	.000
FirstActDet	i* 1.0 Understand	.245	40	.000	.909	40	.004
	i* 1.0 Review	.276	40	.000	.863	40	.000
	i* 1.0 Create	.289	40	.000	.872	40	.000
	i* 1.0 Modify	.240	40	.000	.916	40	.006
	iStar 2.0 Understand	.252	40	.000	.897	40	.002
	iStar 2.0 Review	.193	40	.001	.867	40	.000
	iStar 2.0 Create	.201	50	.000	.829	50	.000
	iStar 2.0 Modify	.327	50	.000	.748	50	.000
LastActDet	i* 1.0 Understand	.217	40	.000	.834	40	.000
	i* 1.0 Review	.167	40	.007	.879	40	.000
	i* 1.0 Create	.182	40	.002	.871	40	.000
	i* 1.0 Modify	.234	40	.000	.827	40	.000
	iStar 2.0 Understand	.206	40	.000	.833	40	.000
	iStar 2.0 Review	.212	40	.000	.863	40	.000
	iStar 2.0 Create	.215	50	.000	.842	50	.000
	iStar 2.0 Modify	.222	50	.000	.840	50	.000
ProcDur	i* 1.0 Understand	.217	40	.000	.882	40	.001
	i* 1.0 Review	.261	40	.000	.795	40	.000
	i* 1.0 Create	.241	40	.000	.836	40	.000
	i* 1.0 Modify	.212	40	.000	.876	40	.000
	iStar 2.0 Understand	.241	40	.000	.864	40	.000
	iStar 2.0 Review	.170	40	.005	.849	40	.000
	iStar 2.0 Create	.132	50	.029	.888	50	.000
	iStar 2.0 Modify	.177	50	.000	.919	50	.002
FixRel	i* 1.0 Understand	.198	40	.000	.924	40	.011
	i* 1.0 Review	.271	40	.000	.851	40	.000
	i* 1.0 Create	.265	40	.000	.871	40	.000

	i* 1.0 Modify	.213	40	.000	.902	40	.002
	iStar 2.0 Understand	.186	40	.001	.934	40	.021
	iStar 2.0 Review	.194	40	.001	.914	40	.005
	iStar 2.0 Create	.174	50	.001	.911	50	.001
	iStar 2.0 Modify	.186	50	.000	.898	50	.000
FixIrrel	i* 1.0 Understand	.263	40	.000	.677	40	.000
	i* 1.0 Review	.255	40	.000	.750	40	.000
	i* 1.0 Create	.248	40	.000	.740	40	.000
	i* 1.0 Modify	.290	40	.000	.640	40	.000
	iStar 2.0 Understand	.287	40	.000	.682	40	.000
	iStar 2.0 Review	.285	40	.000	.623	40	.000
	iStar 2.0 Create	.197	50	.000	.836	50	.000
	iStar 2.0 Modify	.224	50	.000	.804	50	.000
AvDurRelFix	i* 1.0 Understand	.232	40	.000	.817	40	.000
	i* 1.0 Review	.217	40	.000	.866	40	.000
	i* 1.0 Create	.227	40	.000	.856	40	.000
	i* 1.0 Modify	.246	40	.000	.805	40	.000
	iStar 2.0 Understand	.238	40	.000	.814	40	.000
	iStar 2.0 Review	.125	40	.118	.923	40	.009
	iStar 2.0 Create	.139	50	.017	.926	50	.004
	iStar 2.0 Modify	.154	50	.005	.870	50	.000
AvDurIrrelFix	i* 1.0 Understand	.232	40	.000	.817	40	.000
	i* 1.0 Review	.217	40	.000	.866	40	.000
	i* 1.0 Create	.227	40	.000	.856	40	.000
	i* 1.0 Modify	.246	40	.000	.805	40	.000
	iStar 2.0 Understand	.238	40	.000	.814	40	.000
	iStar 2.0 Review	.104	40	.200*	.931	40	.018
	iStar 2.0 Create	.166	50	.001	.914	50	.001
	iStar 2.0 Modify	.214	50	.000	.834	50	.000
TotSac	i* 1.0 Understand	.114	40	.200*	.948	40	.064
	i* 1.0 Review	.107	40	.200*	.941	40	.039

	i* 1.0 Create	.109	40	.200*	.941	40	.036
	i* 1.0 Modify	.165	40	.008	.946	40	.057
	iStar 2.0 Understand	.120	40	.151	.957	40	.127
	iStar 2.0 Review	.107	40	.200*	.933	40	.020
	iStar 2.0 Create	.097	50	.200*	.952	50	.040
	iStar 2.0 Modify	.090	50	.200*	.945	50	.022
Sac2Key	i* 1.0 Understand	.144	40	.036	.920	40	.008
	i* 1.0 Review	.208	40	.000	.918	40	.006
	i* 1.0 Create	.161	40	.010	.934	40	.021
	i* 1.0 Modify	.134	40	.068	.924	40	.010
	iStar 2.0 Understand	.116	40	.193	.946	40	.055
	iStar 2.0 Review	.140	40	.048	.937	40	.028
	iStar 2.0 Create	.146	50	.009	.948	50	.028
	iStar 2.0 Modify	.110	50	.179	.943	50	.017
AvAttention	i* 1.0 Understand	.168	40	.006	.930	40	.017
	i* 1.0 Review	.146	40	.031	.897	40	.002
	i* 1.0 Create	.208	40	.000	.904	40	.002
	i* 1.0 Modify	.197	40	.000	.881	40	.001
	iStar 2.0 Understand	.121	40	.141	.949	40	.070
	iStar 2.0 Review	.229	40	.000	.904	40	.003
	iStar 2.0 Create	.176	50	.001	.930	50	.005
	iStar 2.0 Modify	.115	50	.098	.954	50	.052
AvMentWL	i* 1.0 Understand	.119	40	.156	.954	40	.102
	i* 1.0 Review	.180	40	.002	.869	40	.000
	i* 1.0 Create	.149	40	.026	.890	40	.001
	i* 1.0 Modify	.113	40	.200*	.965	40	.248
	iStar 2.0 Understand	.128	40	.095	.944	40	.046
	iStar 2.0 Review	.229	40	.000	.871	40	.000
	iStar 2.0 Create	.124	50	.053	.945	50	.022
	iStar 2.0 Modify	.137	50	.020	.941	50	.014
AvFam	i* 1.0 Understand	.240	40	.000	.881	40	.001

	i* 1.0 Review	.294	40	.000	.848	40	.000
	i* 1.0 Create	.220	40	.000	.891	40	.001
	i* 1.0 Modify	.288	40	.000	.835	40	.000
	iStar 2.0 Understand	.232	40	.000	.896	40	.002
	iStar 2.0 Review	.172	40	.004	.913	40	.005
	iStar 2.0 Create	.225	50	.000	.908	50	.001
	iStar 2.0 Modify	.226	50	.000	.901	50	.001
AvSCL	i* 1.0 Understand	.173	40	.004	.930	40	.017
	i* 1.0 Review	.173	40	.004	.926	40	.012
	i* 1.0 Create	.160	40	.011	.933	40	.020
	i* 1.0 Modify	.175	40	.003	.903	40	.002
	iStar 2.0 Understand	.165	40	.008	.932	40	.018
	iStar 2.0 Review	.138	40	.053	.953	40	.098
	iStar 2.0 Create	.164	50	.002	.939	50	.012
HRVar_RMSSD	iStar 2.0 Modify	.158	50	.003	.931	50	.006
	i* 1.0 Understand	.192	40	.001	.907	40	.003
	i* 1.0 Review	.194	40	.001	.895	40	.001
	i* 1.0 Create	.179	40	.002	.902	40	.002
	i* 1.0 Modify	.220	40	.000	.856	40	.000
	iStar 2.0 Understand	.167	40	.007	.910	40	.004
	iStar 2.0 Review	.195	40	.001	.895	40	.001
HRVar_NN50	iStar 2.0 Create	.138	50	.018	.938	50	.012
	iStar 2.0 Modify	.156	50	.004	.930	50	.005
	i* 1.0 Understand	.178	40	.003	.886	40	.001
	i* 1.0 Review	.202	40	.000	.876	40	.000
	i* 1.0 Create	.200	40	.000	.873	40	.000
	i* 1.0 Modify	.229	40	.000	.832	40	.000
	iStar 2.0 Understand	.177	40	.003	.891	40	.001
	iStar 2.0 Review	.161	40	.011	.872	40	.000
	iStar 2.0 Create	.173	50	.001	.895	50	.000
	iStar 2.0 Modify	.155	50	.004	.899	50	.000

NASA_MD	i* 1.0 Understand	.176	40	.003	.934	40	.021
	i* 1.0 Review	.234	40	.000	.843	40	.000
	i* 1.0 Create	.213	40	.000	.890	40	.001
	i* 1.0 Modify	.185	40	.001	.893	40	.001
	iStar 2.0 Understand	.181	40	.002	.919	40	.007
	iStar 2.0 Review	.276	40	.000	.774	40	.000
	iStar 2.0 Create	.270	50	.000	.866	50	.000
	iStar 2.0 Modify	.201	50	.000	.852	50	.000
NASA_PD	i* 1.0 Understand	.303	40	.000	.716	40	.000
	i* 1.0 Review	.331	40	.000	.641	40	.000
	i* 1.0 Create	.380	40	.000	.649	40	.000
	i* 1.0 Modify	.285	40	.000	.711	40	.000
	iStar 2.0 Understand	.309	40	.000	.681	40	.000
	iStar 2.0 Review	.288	40	.000	.667	40	.000
	iStar 2.0 Create	.300	50	.000	.723	50	.000
	iStar 2.0 Modify	.276	50	.000	.771	50	.000
NASA_TD	i* 1.0 Understand	.196	40	.000	.865	40	.000
	i* 1.0 Review	.281	40	.000	.813	40	.000
	i* 1.0 Create	.227	40	.000	.861	40	.000
	i* 1.0 Modify	.219	40	.000	.882	40	.001
	iStar 2.0 Understand	.198	40	.000	.872	40	.000
	iStar 2.0 Review	.211	40	.000	.887	40	.001
	iStar 2.0 Create	.218	50	.000	.874	50	.000
	iStar 2.0 Modify	.216	50	.000	.878	50	.000
NASA_Performance	i* 1.0 Understand	.202	40	.000	.916	40	.006
	i* 1.0 Review	.262	40	.000	.797	40	.000
	i* 1.0 Create	.247	40	.000	.827	40	.000
	i* 1.0 Modify	.281	40	.000	.861	40	.000
	iStar 2.0 Understand	.204	40	.000	.918	40	.007
	iStar 2.0 Review	.213	40	.000	.905	40	.003
	iStar 2.0 Create	.224	50	.000	.827	50	.000

	iStar 2.0 Modify	.153	50	.005	.914	50	.001
NASA_Effort	i* 1.0 Understand	.128	40	.096	.958	40	.148
	i* 1.0 Review	.146	40	.030	.901	40	.002
	i* 1.0 Create	.148	40	.028	.932	40	.019
	i* 1.0 Modify	.175	40	.003	.927	40	.012
	iStar 2.0 Understand	.105	40	.200*	.960	40	.162
	iStar 2.0 Review	.181	40	.002	.862	40	.000
	iStar 2.0 Create	.153	50	.005	.924	50	.003
	iStar 2.0 Modify	.136	50	.022	.944	50	.020
NASA_Frustration	i* 1.0 Understand	.150	40	.025	.948	40	.063
	i* 1.0 Review	.230	40	.000	.867	40	.000
	i* 1.0 Create	.181	40	.002	.891	40	.001
	i* 1.0 Modify	.233	40	.000	.929	40	.015
	iStar 2.0 Understand	.152	40	.020	.941	40	.036
	iStar 2.0 Review	.215	40	.000	.799	40	.000
	iStar 2.0 Create	.196	50	.000	.815	50	.000
	iStar 2.0 Modify	.125	50	.048	.932	50	.006
NASA_Score	i* 1.0 Understand	.210	40	.000	.912	40	.004
	i* 1.0 Review	.226	40	.000	.851	40	.000
	i* 1.0 Create	.210	40	.000	.883	40	.001
	i* 1.0 Modify	.207	40	.000	.895	40	.001
	iStar 2.0 Understand	.160	40	.011	.945	40	.049
	iStar 2.0 Review	.168	40	.006	.904	40	.003
	iStar 2.0 Create	.150	50	.007	.894	50	.000
	iStar 2.0 Modify	.158	50	.003	.948	50	.029

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

a. Lilliefors Significance Correction