## Tests of Normality - i\* concrete syntaxes, GenderMag motivation facet

Recall			Volmogo	rov Cm	irnova	Char	oiro \A/iII	le.
Precision		Motivotion	_					
Tim	Drecision							
Recall	FIECISION							.000
Tim   .088   214   .000   .957   214   .00   .055   .00   .005	Recall							
Procure   Abby   .055   126   .200   .986   126   .200   .986   .214   .030   .055   .214   .200   .986   .214   .030   .055   .214   .200   .986   .214   .030   .055   .214   .000   .919   .214   .000   .055   .214	rcoan							.000
Tim   .053   214   .200*   .986   214   .030*     Duration	FMeasure							.203
Duration								.034
Tim	Duration							
FirstActDet	Duration							.000
Tim	FirstActDet							.001
LastActDet								.000
Tim	LastActDet							.000
ProcDur         Abby         .342         126         .000         .629         126         .00           FixRel         Abby         .110         126         .001         .951         126         .00           FixIrel         Abby         .165         214         .000         .911         214         .00           FixIrrel         Abby         .206         126         .000         .810         126         .00           AvDurRelFix         Abby         .208         126         .000         .817         126         .00           AvDurIrrelFix         Abby         .208         126         .000         .817         126         .00           AvDurIrrelFix         Abby         .131         126         .000         .917         126         .00           Tim         .094         214         .000         .951         214         .00           TotSac         Abby         .096         126         .200*         .988         214         .05           Sac2Key         Abby         .099         126         .013         .969         126         .00           AvAttention         Abby         .200         126								.000
FixRel         Abby         .110         126         .001         .951         126         .00           FixIrel         Abby         .110         126         .001         .951         126         .00           FixIrrel         Abby         .206         126         .000         .810         126         .00           FixIrrel         Abby         .206         126         .000         .827         .214         .00           AvDurRelFix         Abby         .208         126         .000         .817         126         .00           Tim         .103         214         .000         .898         .214         .00           AvDurIrrelFix         Abby         .131         126         .000         .917         126         .00           Tim         .094         214         .000         .951         .214         .00           TotSac         Abby         .066         126         .200*         .989         126         .38           Sac2Key         Abby         .090         126         .013         .969         126         .00           AvAttention         Abby         .200         126         .000	ProcDur							.000
FixRel         Abby         .110         126         .001         .951         126         .00           Tim         .165         214         .000         .911         214         .00           FixIrrel         Abby         .206         126         .000         .810         126         .00           AvDurRelFix         Abby         .208         126         .000         .817         126         .00           Tim         .103         214         .000         .898         214         .00           AvDurIrrelFix         Abby         .131         126         .000         .917         126         .00           Tim         .094         214         .000         .951         214         .00           TotSac         Abby         .066         126         .200*         .989         126         .38           Tim         .049         214         .200*         .988         214         .05           Sac2Key         Abby         .090         126         .013         .969         126         .00           AvAttention         Abby         .200         126         .000         .930         126         .00 <th></th> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>.000</td>								.000
FixIrrel         Abby         .206         126         .000         .911         214         .00           FixIrrel         Abby         .206         126         .000         .810         126         .00           AvDurRelFix         Abby         .208         126         .000         .817         126         .00           AvDurIrrelFix         Abby         .208         126         .000         .917         126         .00           AvDurIrrelFix         Abby         .131         126         .000         .917         126         .00           Tim         .094         214         .000         .951         214         .00           Tim         .094         214         .000         .951         214         .00           Tim         .049         214         .200*         .989         126         .38           Sac2Key         Abby         .066         126         .200*         .988         214         .05           Sac2Key         Abby         .090         126         .013         .969         126         .00           AvAttention         Abby         .200         126         .000         .930	FixRel							.000
PixIrrel								.000
AvDurRelFix         Abby         .208         126         .000         .817         126         .00           Tim         .103         214         .000         .898         214         .00           AvDurIrrelFix         Abby         .131         126         .000         .917         126         .00           Tim         .094         214         .000         .951         214         .00           TotSac         Abby         .066         126         .200*         .989         126         .38           Tim         .049         214         .200*         .988         214         .05           Sac2Key         Abby         .090         126         .013         .969         126         .00           Tim         .104         214         .000         .959         214         .00           AvAttention         Abby         .200         126         .000         .930         126         .00           AvMentWL         Abby         .149         126         .000         .941         126         .00           AvFam         Abby         .160         126         .000         .944         214         .00	FixIrrel	Abby	.206	126	.000	.810	126	.000
Tim         .103         214         .000         .898         214         .00           AvDurIrrelFix         Abby         .131         126         .000         .917         126         .00           Tim         .094         214         .000         .951         214         .00           TotSac         Abby         .066         126         .200*         .989         126         .38           Tim         .049         214         .200*         .988         214         .05           Sac2Key         Abby         .090         126         .013         .969         126         .00           Tim         .104         214         .000         .959         214         .00           AvAttention         Abby         .200         126         .000         .930         126         .00           AvAttention         Abby         .200         126         .000         .946         214         .00           AvAttention         Abby         .149         126         .000         .941         126         .00           AvMentWL         Abby         .160         126         .000         .944         214         .0		Tim	.191	214	.000	.827	214	.000
AvDurIrrelFix         Abby         .131         126         .000         .917         126         .00           Tim         .094         214         .000         .951         214         .00           TotSac         Abby         .066         126         .200*         .989         126         .38           Tim         .049         214         .200*         .988         214         .05           Sac2Key         Abby         .090         126         .013         .969         126         .00           Tim         .104         214         .000         .959         214         .00           AvAttention         Abby         .200         126         .000         .930         126         .00           AvMentWL         Abby         .149         126         .000         .946         214         .00           AvFam         Abby         .149         126         .000         .941         126         .00           AvFam         Abby         .160         126         .000         .947         126         .00           AvSCL         Abby         .098         126         .005         .976         126	AvDurRelFix	Abby	.208	126	.000	.817	126	.000
Tim .094 214 .000 .951 214 .00  TotSac Abby .066 126 .200* .989 126 .38  Tim .049 214 .200* .988 214 .05  Sac2Key Abby .090 126 .013 .969 126 .00  Tim .104 214 .000 .959 214 .00  AvAttention Abby .200 126 .000 .930 126 .00  Tim .136 214 .000 .946 214 .00  AvMentWL Abby .149 126 .000 .941 126 .00  Tim .128 214 .000 .944 214 .00  AvFam Abby .160 126 .000 .947 126 .00  Tim .175 214 .000 .936 214 .00  AvSCL Abby .098 126 .005 .976 126 .02  Tim .096 214 .000 .972 214 .00  HRVar_RMSSD Abby .201 126 .000 .886 126 .00  HRVar_NN50 Abby .170 126 .000 .938 214 .00  NASA_MD Abby .126 126 .000 .948 126 .000  NASA_MD Abby .126 126 .000 .948 126 .000		Tim	.103	214	.000	.898	214	.000
TotSac         Abby         .066         126         .200*         .989         126         .38           Tim         .049         214         .200*         .988         214         .05           Sac2Key         Abby         .090         126         .013         .969         126         .00           Tim         .104         214         .000         .959         214         .00           AvAttention         Abby         .200         126         .000         .930         126         .00           AvMentWL         Abby         .149         126         .000         .946         214         .00           AvFam         Abby         .160         126         .000         .941         126         .00           AvSCL         Abby         .160         126         .000         .947         126         .00           AvSCL         Abby         .098         126         .005         .976         126         .02           Tim         .096         214         .000         .938         214         .00           HRVar_RMSSD         Abby         .126         .000         .873         126         .00	AvDurIrrelFix	Abby	.131	126	.000	.917	126	.000
Tim .049 214 .200* .988 214 .05  Sac2Key Abby .090 126 .013 .969 126 .00  Tim .104 214 .000 .959 214 .00  AvAttention Abby .200 126 .000 .930 126 .00  Tim .136 214 .000 .946 214 .00  AvMentWL Abby .149 126 .000 .941 126 .00  Tim .128 214 .000 .944 214 .00  AvFam Abby .160 126 .000 .947 126 .00  AvSCL Abby .098 126 .005 .976 126 .02  Tim .096 214 .000 .972 214 .00  HRVar_RMSSD Abby .201 126 .000 .938 214 .00  HRVar_NN50 Abby .170 126 .000 .938 214 .00  NASA_MD Abby .126 .000 .900 214 .000  NASA_MD Abby .126 .000 .900 214 .000  NASA_MD Abby .126 .000 .900 214 .000		Tim	.094	214	.000	.951	214	.000
Sac2Key         Abby         .090         126         .013         .969         126         .00           Tim         .104         214         .000         .959         214         .00           AvAttention         Abby         .200         126         .000         .930         126         .00           Tim         .136         214         .000         .946         214         .00           AvMentWL         Abby         .149         126         .000         .941         126         .00           AvFam         Abby         .160         126         .000         .944         214         .00           AvSCL         Abby         .160         126         .000         .947         126         .00           AvSCL         Abby         .098         126         .005         .976         126         .02           Tim         .096         214         .000         .972         214         .00           HRVar_RMSSD         Abby         .201         126         .000         .886         126         .00           Tim         .132         214         .000         .938         214         .00	TotSac	Abby	.066	126	.200*	.989	126	.381
Tim         .104         214         .000         .959         214         .00           AvAttention         Abby         .200         126         .000         .930         126         .00           Tim         .136         214         .000         .946         214         .00           AvMentWL         Abby         .149         126         .000         .941         126         .00           AvFam         Abby         .160         126         .000         .944         214         .00           AvSCL         Abby         .160         126         .000         .947         126         .00           AvSCL         Abby         .098         126         .005         .976         126         .02           Tim         .096         214         .000         .972         214         .00           HRVar_RMSSD         Abby         .201         126         .000         .886         126         .00           HRVar_NN50         Abby         .170         126         .000         .873         126         .00           NASA_MD         Abby         .126         126         .000         .948         126		Tim	.049	214	.200*	.988	214	.058
AvAttention         Abby         .200         126         .000         .930         126         .00           Tim         .136         214         .000         .946         214         .00           AvMentWL         Abby         .149         126         .000         .941         126         .00           AvFam         Abby         .160         126         .000         .944         214         .00           AvFam         Abby         .160         126         .000         .947         126         .00           AvSCL         Abby         .175         214         .000         .936         214         .00           AvSCL         Abby         .098         126         .005         .976         126         .02           Tim         .096         214         .000         .972         214         .00           HRVar_RMSSD         Abby         .201         126         .000         .886         126         .00           HRVar_NN50         Abby         .170         126         .000         .873         126         .00           NASA_MD         Abby         .126         126         .000         .948	Sac2Key	Abby	.090	126	.013	.969	126	.006
Tim .136 214 .000 .946 214 .000  AvMentWL Abby .149 126 .000 .941 126 .000  Tim .128 214 .000 .944 214 .000  AvFam Abby .160 126 .000 .947 126 .000  Tim .175 214 .000 .936 214 .000  AvSCL Abby .098 126 .005 .976 126 .02  Tim .096 214 .000 .972 214 .000  HRVar_RMSSD Abby .201 126 .000 .938 214 .000  HRVar_NN50 Abby .170 126 .000 .938 214 .000  HRVar_NN50 Abby .170 126 .000 .873 126 .000  Tim .164 214 .000 .900 214 .000  NASA_MD Abby .126 126 .000 .948 126 .000		Tim	.104	214	.000	.959	214	.000
AvMentWL         Abby         .149         126         .000         .941         126         .00           Tim         .128         214         .000         .944         214         .00           AvFam         Abby         .160         126         .000         .947         126         .00           Tim         .175         214         .000         .936         214         .00           AvSCL         Abby         .098         126         .005         .976         126         .02           Tim         .096         214         .000         .972         214         .00           HRVar_RMSSD         Abby         .201         126         .000         .886         126         .00           Tim         .132         214         .000         .938         214         .00           HRVar_NN50         Abby         .170         126         .000         .873         126         .00           Tim         .164         214         .000         .900         214         .00           NASA_MD         Abby         .126         126         .000         .948         126         .00	AvAttention	Abby	.200	126	.000	.930	126	.000
Tim .128 214 .000 .944 214 .000  AvFam Abby .160 126 .000 .947 126 .000  Tim .175 214 .000 .936 214 .000  AvSCL Abby .098 126 .005 .976 126 .02  Tim .096 214 .000 .972 214 .000  HRVar_RMSSD Abby .201 126 .000 .886 126 .000  Tim .132 214 .000 .938 214 .000  HRVar_NN50 Abby .170 126 .000 .873 126 .000  Tim .164 214 .000 .900 214 .000  NASA_MD Abby .126 126 .000 .948 126 .000		Tim	.136	214	.000	.946	214	.000
AvFam         Abby         .160         126         .000         .947         126         .00           Tim         .175         214         .000         .936         214         .00           AvSCL         Abby         .098         126         .005         .976         126         .02           Tim         .096         214         .000         .972         214         .00           HRVar_RMSSD         Abby         .201         126         .000         .886         126         .00           Tim         .132         214         .000         .938         214         .00           HRVar_NN50         Abby         .170         126         .000         .873         126         .00           NASA_MD         Abby         .126         126         .000         .948         126         .00	AvMentWL	Abby	.149	126	.000	.941	126	.000
Tim .175 214 .000 .936 214 .000  AvSCL Abby .098 126 .005 .976 126 .02  Tim .096 214 .000 .972 214 .000  HRVar_RMSSD Abby .201 126 .000 .886 126 .000  Tim .132 214 .000 .938 214 .000  HRVar_NN50 Abby .170 126 .000 .873 126 .000  Tim .164 214 .000 .900 214 .000  NASA_MD Abby .126 126 .000 .948 126 .000		Tim	.128	214	.000	.944	214	.000
AvSCL         Abby         .098         126         .005         .976         126         .02           Tim         .096         214         .000         .972         214         .00           HRVar_RMSSD         Abby         .201         126         .000         .886         126         .00           Tim         .132         214         .000         .938         214         .00           HRVar_NN50         Abby         .170         126         .000         .873         126         .00           Tim         .164         214         .000         .900         214         .00           NASA_MD         Abby         .126         126         .000         .948         126         .00	AvFam	Abby	.160	126	.000	.947	126	.000
Tim         .096         214         .000         .972         214         .00           HRVar_RMSSD         Abby         .201         126         .000         .886         126         .00           Tim         .132         214         .000         .938         214         .00           HRVar_NN50         Abby         .170         126         .000         .873         126         .00           Tim         .164         214         .000         .900         214         .00           NASA_MD         Abby         .126         126         .000         .948         126         .00		Tim	.175	214	.000	.936	214	.000
HRVar_RMSSD         Abby         .201         126         .000         .886         126         .00           Tim         .132         214         .000         .938         214         .00           HRVar_NN50         Abby         .170         126         .000         .873         126         .00           Tim         .164         214         .000         .900         214         .00           NASA_MD         Abby         .126         126         .000         .948         126         .00	AvSCL	Abby	.098	126	.005	.976	126	.026
Tim .132 214 .000 .938 214 .000  HRVar_NN50 Abby .170 126 .000 .873 126 .000  Tim .164 214 .000 .900 214 .000  NASA_MD Abby .126 126 .000 .948 126 .000		Tim	.096	214	.000	.972	214	.000
HRVar_NN50         Abby         .170         126         .000         .873         126         .00           Tim         .164         214         .000         .900         214         .00           NASA_MD         Abby         .126         126         .000         .948         126         .00	HRVar_RMSSD	Abby	.201	126	.000	.886	126	.000
Tim         .164         214         .000         .900         214         .00           NASA_MD         Abby         .126         126         .000         .948         126         .00		Tim						.000
NASA_MD Abby .126 126 .000 .948 126 .00								.000
								.000
Tim .111 214 .000 .927 214 .00								.000
	NASA_PD							.000
								.000
	NACA TO							.000
-	NASA_TD							.000
	NACA D							.000
	NASA_Performance							.000
	NACA Eff. (							.000
NASA_Effort Abby .085 126 .026 .971 126 .00	NASA_ETION	ADDY	.085	126	.026	.9/1	126	.009

	Tim	.099	214	.000	.957	214	.000
NASA_Frustration	Abby	.159	126	.000	.941	126	.000
	Tim	.100	214	.000	.952	214	.000
NASA_Score	Abby	.116	126	.000	.964	126	.002
	Tim	.140	214	.000	.910	214	.000

<sup>\*.</sup> This is a lower bound of the true significance.

a. Lilliefors Significance Correction