

**Robust Tests of Equality of Means - i* concrete syntaxes,
GenderMag motivation facet, reviewing task**

		Statistic ^a	df1	df2	Sig.
Precision	Welch	1.917	1	49.597	.172
Recall	Welch	.598	1	55.216	.443
FMeasure	Welch	.076	1	46.147	.783
Duration	Welch	5.243	1	43.326	.027
FirstActDet	Welch	7.060	1	44.709	.011
LastActDet	Welch	3.413	1	44.228	.071
ProcDur	Welch	.987	1	59.332	.325
FixRel	Welch	6.386	1	56.877	.014
FixIrrel	Welch	.073	1	54.459	.788
AvDurRelFix	Welch	10.534	1	43.223	.002
AvDurIrrelFix	Welch	.675	1	58.197	.415
TotSac	Welch	5.901	1	62.748	.018
Sac2Key	Welch	7.801	1	63.409	.007
AvAttention	Welch	1.906	1	64.962	.172
AvMentWL	Welch	2.906	1	52.890	.094
AvFam	Welch	4.374	1	54.785	.041
AvSCL	Welch	.548	1	69.264	.462
HRVar_RMSSD	Welch	.404	1	54.815	.528
HRVar_NN50	Welch	8.053	1	63.663	.006
NASA_MD	Welch	.978	1	46.721	.328
NASA_PD	Welch	.944	1	55.259	.335
NASA_TD	Welch	1.065	1	65.756	.306
NASA_Performance	Welch	3.095	1	62.688	.083
NASA_Effort	Welch	1.822	1	43.515	.184
NASA_Frustration	Welch	.419	1	58.508	.520
NASA_Score	Welch	.710	1	59.871	.403

a. Asymptotically F distributed.

ANOVA - i* concrete syntaxes, GenderMag motivation facet, reviewing task

		Sum of Squares	df	Mean Square	F	Sig.
Precision	Between Groups	.085	1	.085	2.182	.144
	Within Groups	3.026	78	.039		
	Total	3.111	79			
Recall	Between Groups	.030	1	.030	.637	.427
	Within Groups	3.660	78	.047		
	Total	3.690	79			
FMeasure	Between Groups	.002	1	.002	.091	.764
	Within Groups	1.752	78	.022		
	Total	1.754	79			
Duration	Between Groups	2733115.301	1	2733115.301	6.501	.013
	Within Groups	32792021.687	78	420410.534		
	Total	35525136.988	79			
FirstActDet	Between Groups	278648.163	1	278648.163	8.578	.004
	Within Groups	2533699.787	78	32483.331		
	Total	2812347.950	79			
LastActDet	Between Groups	1813207.763	1	1813207.763	4.176	.044
	Within Groups	33864318.187	78	434157.925		
	Total	35677525.950	79			
ProcDur	Between Groups	94040.107	1	94040.107	1.006	.319
	Within Groups	7290964.780	78	93473.907		
	Total	7385004.887	79			
FixRel	Between Groups	6.650	1	6.650	6.684	.012
	Within Groups	77.598	78	.995		
	Total	84.248	79			
FixIrrel	Between Groups	1.214	1	1.214	.079	.780
	Within Groups	1203.833	78	15.434		
	Total	1205.047	79			
AvDurRelFix	Between Groups	1515732.666	1	1515732.666	13.082	.001
	Within Groups	9037233.004	78	115861.962		
	Total	10552965.670	79			
AvDurIrrelFix	Between Groups	73172.673	1	73172.673	.696	.407
	Within Groups	8198799.031	78	105112.808		
	Total	8271971.703	79			
TotSac	Between Groups	2354.801	1	2354.801	5.808	.018
	Within Groups	31625.687	78	405.458		
	Total	33980.487	79			
Sac2Key	Between Groups	5812.401	1	5812.401	7.625	.007
	Within Groups	59455.087	78	762.245		
	Total	65267.488	79			
AvAttention	Between Groups	.046	1	.046	1.833	.180
	Within Groups	1.942	78	.025		
	Total	1.988	79			
AvMentWL	Between Groups	.112	1	.112	3.181	.078
	Within Groups	2.750	78	.035		
	Total	2.862	79			
AvFam	Between Groups	.095	1	.095	4.685	.033
	Within Groups	1.588	78	.020		
	Total	1.684	79			
AvSCL	Between Groups	10890.188	1	10890.188	.503	.480
	Within Groups	1687510.700	78	21634.753		

	Total	1698400.888	79			
HRVar_RMSSD	Between Groups	225.307	1	225.307	.433	.513
	Within Groups	40603.532	78	520.558		
	Total	40828.840	79			
HRVar_NN50	Between Groups	3219.587	1	3219.587	7.850	.006
	Within Groups	31989.505	78	410.122		
	Total	35209.092	79			
NASA_MD	Between Groups	212.521	1	212.521	1.156	.286
	Within Groups	14342.167	78	183.874		
	Total	14554.688	79			
NASA_PD	Between Groups	252.083	1	252.083	1.006	.319
	Within Groups	19546.667	78	250.598		
	Total	19798.750	79			
NASA_TD	Between Groups	728.521	1	728.521	1.016	.317
	Within Groups	55921.167	78	716.938		
	Total	56649.688	79			
NASA_Performance	Between Groups	2715.021	1	2715.021	3.048	.085
	Within Groups	69482.167	78	890.797		
	Total	72197.188	79			
NASA_Effort	Between Groups	667.521	1	667.521	2.253	.137
	Within Groups	23112.167	78	296.310		
	Total	23779.688	79			
NASA_Frustration	Between Groups	305.021	1	305.021	.431	.513
	Within Groups	55167.167	78	707.271		
	Total	55472.188	79			
NASA_Score	Between Groups	285.997	1	285.997	.720	.399
	Within Groups	30966.753	78	397.010		
	Total	31252.750	79			

Task * Motivation - i* concrete syntaxes, GenderMag motivation facet, reviewing task

Dependent Variable	Task	Motivation	Mean	Std. Error	95% Confidence Interval	
					Lower Bound	Upper Bound
Precision	i* 1.0 Review	Abby	.460 ^a	.053	.355	.565
		Tim	.281 ^a	.027	.228	.335
	iStar 2.0 Review	Abby	.342 ^a	.035	.272	.413
		Tim	.263 ^a	.038	.188	.339
Recall	i* 1.0 Review	Abby	.535 ^a	.073	.388	.682
		Tim	.356 ^a	.037	.281	.431
	iStar 2.0 Review	Abby	.347 ^a	.049	.248	.445
		Tim	.488 ^a	.053	.382	.594
FMeasure	i* 1.0 Review	Abby	.481 ^a	.054	.372	.589
		Tim	.267 ^a	.028	.212	.323
	iStar 2.0 Review	Abby	.207 ^a	.036	.135	.280
		Tim	.273 ^a	.039	.195	.351
Duration	i* 1.0 Review	Abby	1161.438 ^a	165.995	828.776	1494.099
		Tim	1261.179 ^a	84.387	1092.064	1430.295
	iStar 2.0 Review	Abby	1745.405 ^a	111.012	1522.932	1967.878
		Tim	1874.100 ^a	119.375	1634.867	2113.333
FirstActDet	i* 1.0 Review	Abby	478.125 ^a	48.954	380.020	576.230
		Tim	497.006 ^a	24.887	447.132	546.880
	iStar 2.0 Review	Abby	649.452 ^a	32.739	583.843	715.062
		Tim	641.639 ^a	35.205	571.087	712.191
LastActDet	i* 1.0 Review	Abby	1129.375 ^a	152.292	824.174	1434.576
		Tim	1246.752 ^a	77.421	1091.597	1401.908
	iStar 2.0 Review	Abby	1327.110 ^a	101.848	1123.002	1531.218
		Tim	1468.494 ^a	109.521	1249.010	1687.979
ProcDur	i* 1.0 Review	Abby	32.063 ^a	90.091	-148.483	212.608
		Tim	14.427 ^a	45.799	-77.357	106.212
	iStar 2.0 Review	Abby	418.295 ^a	60.250	297.552	539.038
		Tim	405.606 ^a	64.788	275.767	535.444
FixRel	i* 1.0 Review	Abby	5.167 ^a	.233	4.700	5.635
		Tim	5.006 ^a	.119	4.769	5.244
	iStar 2.0 Review	Abby	3.190 ^a	.156	2.877	3.502
		Tim	3.470 ^a	.168	3.134	3.806
FixIrrel	i* 1.0 Review	Abby	5.697 ^a	1.382	2.927	8.466
		Tim	6.062 ^a	.703	4.654	7.470
	iStar 2.0 Review	Abby	7.245 ^a	.924	5.393	9.097
		Tim	3.663 ^a	.994	1.671	5.655
AvDurRelFix	i* 1.0 Review	Abby	558.109 ^a	77.747	402.300	713.918
		Tim	583.045 ^a	39.524	503.836	662.254
	iStar 2.0 Review	Abby	984.638 ^a	51.995	880.438	1088.838
		Tim	1036.371 ^a	55.912	924.321	1148.420
AvDurIrrelFix	i* 1.0 Review	Abby	846.328 ^a	121.613	602.610	1090.046

		Tim	921.135 ^a	61.825	797.235	1045.034	
		iStar 2.0 Review	Abby	975.476 ^a	81.331	812.486	1138.466
		Tim	1178.911 ^a	87.458	1003.643	1354.180	
TotSac	i* 1.0 Review	Abby	136.437 ^a	4.250	127.921	144.954	
		Tim	135.449 ^a	2.160	131.119	139.778	
	iStar 2.0 Review	Abby	96.257 ^a	2.842	90.562	101.953	
		Tim	94.167 ^a	3.056	88.042	100.291	
Sac2Key	i* 1.0 Review	Abby	117.062 ^a	3.815	109.417	124.708	
		Tim	113.972 ^a	1.939	110.085	117.858	
	iStar 2.0 Review	Abby	56.852 ^a	2.551	51.740	61.965	
		Tim	56.583 ^a	2.743	51.085	62.081	
AvAttention	i* 1.0 Review	Abby	.856 ^a	.062	.731	.981	
		Tim	.784 ^a	.032	.721	.848	
	iStar 2.0 Review	Abby	.741 ^a	.042	.657	.825	
		Tim	.807 ^a	.045	.717	.897	
AvMentWL	i* 1.0 Review	Abby	.825 ^a	.069	.688	.962	
		Tim	.848 ^a	.035	.778	.918	
	iStar 2.0 Review	Abby	.758 ^a	.046	.666	.849	
		Tim	.683 ^a	.049	.584	.782	
AvFam	i* 1.0 Review	Abby	.562 ^a	.064	.435	.690	
		Tim	.513 ^a	.032	.448	.578	
	iStar 2.0 Review	Abby	.422 ^a	.043	.337	.508	
		Tim	.504 ^a	.046	.412	.596	
AvSCL	i* 1.0 Review	Abby	579.750 ^a	50.525	478.496	681.004	
		Tim	625.848 ^a	25.685	574.373	677.322	
	iStar 2.0 Review	Abby	807.248 ^a	33.789	739.532	874.963	
		Tim	821.594 ^a	36.335	748.778	894.411	
HRVar_RMSSD	i* 1.0 Review	Abby	30.097 ^a	8.539	12.985	47.210	
		Tim	41.406 ^a	4.341	32.707	50.106	
	iStar 2.0 Review	Abby	50.750 ^a	5.711	39.306	62.195	
		Tim	46.994 ^a	6.141	34.687	59.301	
HRVar_NN50	i* 1.0 Review	Abby	14.872 ^a	6.658	1.529	28.215	
		Tim	25.057 ^a	3.385	18.274	31.841	
	iStar 2.0 Review	Abby	46.478 ^a	4.453	37.555	55.401	
		Tim	32.296 ^a	4.788	22.700	41.892	
NASA_MD	i* 1.0 Review	Abby	70.938 ^a	5.169	60.578	81.297	
		Tim	84.673 ^a	2.628	79.406	89.939	
	iStar 2.0 Review	Abby	91.857 ^a	3.457	84.929	98.785	
		Tim	91.111 ^a	3.717	83.661	98.561	
NASA_PD	i* 1.0 Review	Abby	27.500 ^a	5.917	15.642	39.358	
		Tim	21.478 ^a	3.008	15.450	27.506	
	iStar 2.0 Review	Abby	24.619 ^a	3.957	16.689	32.549	
		Tim	22.528 ^a	4.255	14.000	31.055	
NASA_TD	i* 1.0 Review	Abby	45.938 ^a	9.472	26.955	64.920	
		Tim	50.250 ^a	4.815	40.600	59.900	

	iStar 2.0 Review	Abby	50.857 ^a	6.335	38.162	63.552
		Tim	60.056 ^a	6.812	46.404	73.707
NASA_Performance	i* 1.0 Review	Abby	26.875 ^a	8.524	9.793	43.957
		Tim	25.699 ^a	4.333	17.015	34.384
	iStar 2.0 Review	Abby	57.786 ^a	5.701	46.362	69.210
		Tim	66.306 ^a	6.130	54.021	78.590
NASA_Effort	i* 1.0 Review	Abby	56.563 ^a	6.942	42.651	70.474
		Tim	78.805 ^a	3.529	71.733	85.877
	iStar 2.0 Review	Abby	82.929 ^a	4.642	73.625	92.232
		Tim	80.556 ^a	4.992	70.551	90.560
NASA_Frustration	i* 1.0 Review	Abby	53.438 ^a	7.063	39.283	67.592
		Tim	56.298 ^a	3.591	49.102	63.493
	iStar 2.0 Review	Abby	76.000 ^a	4.723	66.534	85.466
		Tim	72.778 ^a	5.079	62.599	82.957
NASA_Score	i* 1.0 Review	Abby	46.875 ^a	5.409	36.036	57.714
		Tim	52.867 ^a	2.750	47.357	58.377
	iStar 2.0 Review	Abby	72.903 ^a	3.617	65.654	80.152
		Tim	75.918 ^a	3.890	68.122	83.713

a. Based on modified population marginal mean.

**Robust Tests of Equality of Means - i* concrete syntaxes,
GenderMag information processing facet, reviewing task**

		Statistic ^a	df1	df2	Sig.
Precision	Welch	7.325	1	41.573	.010
Recall	Welch	.868	1	35.401	.358
FMeasure	Welch	8.458	1	38.350	.006
Duration	Welch	24.175	1	29.924	.000
FirstActDet	Welch	25.078	1	31.749	.000
LastActDet	Welch	34.558	1	29.767	.000
ProcDur	Welch	3.538	1	77.898	.064
FixRel	Welch	9.387	1	47.840	.004
FixIrrel	Welch	36.938	1	70.891	.000
AvDurRelFix	Welch	45.296	1	25.999	.000
AvDurIrrelFix	Welch	2.097	1	35.433	.156
TotSac	Welch	5.826	1	54.750	.019
Sac2Key	Welch	11.241	1	52.783	.001
AvAttention	Welch	9.612	1	39.159	.004
AvMentWL	Welch	18.399	1	35.996	.000
AvFam	Welch	1.856	1	35.780	.182
AvSCL	Welch	1.555	1	44.661	.219
HRVar_RMSSD	Welch	.260	1	44.418	.612
HRVar_NN50	Welch	14.689	1	43.754	.000
NASA_MD	Welch	3.297	1	36.856	.078
NASA_PD	Welch	.180	1	68.265	.673
NASA_TD	Welch	.293	1	56.900	.590
NASA_Performance	Welch	9.994	1	45.351	.003
NASA_Effort	Welch	2.413	1	34.450	.130
NASA_Frustration	Welch	.490	1	35.286	.488
NASA_Score	Welch	.105	1	47.468	.747

a. Asymptotically F distributed.

ANOVA - i* concrete syntaxes, GenderMag information processing facet, reviewing task

		Sum of Squares	df	Mean Square	F	Sig.
Precision	Between Groups	.278	1	.278	7.645	.007
	Within Groups	2.833	78	.036		
	Total	3.111	79			
Recall	Between Groups	.050	1	.050	1.063	.306
	Within Groups	3.640	78	.047		
	Total	3.690	79			
FMeasure	Between Groups	.191	1	.191	9.534	.003
	Within Groups	1.563	78	.020		
	Total	1.754	79			
Duration	Between Groups	11275501.601	1	11275501.601	36.268	.000
	Within Groups	24249635.387	78	310892.761		
	Total	35525136.988	79			
FirstActDet	Between Groups	868322.402	1	868322.402	34.840	.000
	Within Groups	1944025.548	78	24923.404		
	Total	2812347.950	79			
LastActDet	Between Groups	14306869.736	1	14306869.736	52.218	.000
	Within Groups	21370656.214	78	273982.772		
	Total	35677525.950	79			
ProcDur	Between Groups	180235.001	1	180235.001	1.951	.166
	Within Groups	7204769.887	78	92368.845		
	Total	7385004.887	79			
FixRel	Between Groups	8.425	1	8.425	8.667	.004
	Within Groups	75.823	78	.972		
	Total	84.248	79			
FixIrrel	Between Groups	225.229	1	225.229	17.930	.000
	Within Groups	979.818	78	12.562		
	Total	1205.047	79			
AvDurRelFix	Between Groups	5480556.641	1	5480556.641	84.276	.000
	Within Groups	5072409.028	78	65030.885		
	Total	10552965.670	79			
AvDurIrrelFix	Between Groups	263426.566	1	263426.566	2.566	.113
	Within Groups	8008545.137	78	102673.656		
	Total	8271971.703	79			
TotSac	Between Groups	1978.172	1	1978.172	4.821	.031
	Within Groups	32002.315	78	410.286		
	Total	33980.488	79			
Sac2Key	Between Groups	7138.315	1	7138.315	9.578	.003
	Within Groups	58129.173	78	745.246		
	Total	65267.488	79			
AvAttention	Between Groups	.238	1	.238	10.616	.002
	Within Groups	1.749	78	.022		
	Total	1.987	79			
AvMentWL	Between Groups	.633	1	.633	22.133	.000
	Within Groups	2.229	78	.029		
	Total	2.862	79			
AvFam	Between Groups	.047	1	.047	2.247	.138
	Within Groups	1.637	78	.021		
	Total	1.684	79			
AvSCL	Between Groups	32516.001	1	32516.001	1.522	.221
	Within Groups	1665884.887	78	21357.499		
	Total					

	Total	1698400.887	79			
HRVar_RMSSD	Between Groups	133.651	1	133.651	.256	.614
	Within Groups	40695.188	78	521.733		
	Total	40828.840	79			
HRVar_NN50	Between Groups	5564.177	1	5564.177	14.640	.000
	Within Groups	29644.915	78	380.063		
	Total	35209.092	79			
NASA_MD	Between Groups	687.872	1	687.872	3.869	.053
	Within Groups	13866.815	78	177.780		
	Total	14554.688	79			
NASA_PD	Between Groups	31.488	1	31.488	.124	.725
	Within Groups	19767.262	78	253.426		
	Total	19798.750	79			
NASA_TD	Between Groups	170.372	1	170.372	.235	.629
	Within Groups	56479.315	78	724.094		
	Total	56649.688	79			
NASA_Performance	Between Groups	7951.801	1	7951.801	9.654	.003
	Within Groups	64245.387	78	823.659		
	Total	72197.188	79			
NASA_Effort	Between Groups	893.229	1	893.229	3.044	.085
	Within Groups	22886.458	78	293.416		
	Total	23779.688	79			
NASA_Frustration	Between Groups	425.015	1	425.015	.602	.440
	Within Groups	55047.173	78	705.733		
	Total	55472.188	79			
NASA_Score	Between Groups	39.159	1	39.159	.098	.755
	Within Groups	31213.591	78	400.174		
	Total	31252.750	79			

Task * InformationProcessing - i* concrete syntaxes, GenderMag information processing facet, reviewing task

Dependent Variable	Task	InformationProcessing	Mean	Std. Error	95% Confidence Interval	
					Lower Bound	Upper Bound
Precision	i* 1.0 Review	Abby	.391 ^a	.025	.342	.441
		Tim	.190 ^a	.067	.056	.324
	iStar 2.0 Review	Abby	.369 ^a	.035	.299	.439
		Tim	.232 ^a	.038	.156	.308
Recall	i* 1.0 Review	Abby	.456 ^a	.035	.387	.525
		Tim	.295 ^a	.093	.108	.482
	iStar 2.0 Review	Abby	.408 ^a	.049	.310	.505
		Tim	.417 ^a	.053	.310	.524
FMeasure	i* 1.0 Review	Abby	.376 ^a	.026	.325	.427
		Tim	.227 ^a	.069	.089	.365
	iStar 2.0 Review	Abby	.256 ^a	.036	.184	.328
		Tim	.216 ^a	.039	.137	.295
Duration	i* 1.0 Review	Abby	1192.076 ^a	78.240	1035.281	1348.872
		Tim	1335.500 ^a	211.027	912.593	1758.407
	iStar 2.0 Review	Abby	1483.776 ^a	110.025	1263.281	1704.272
		Tim	2179.333 ^a	120.612	1937.622	2421.045
FirstActDet	i* 1.0 Review	Abby	465.116 ^a	23.074	418.876	511.357
		Tim	567.500 ^a	62.234	442.780	692.220
	iStar 2.0 Review	Abby	549.690 ^a	32.447	484.664	614.717
		Tim	758.028 ^a	35.570	686.745	829.311
LastActDet	i* 1.0 Review	Abby	1171.946 ^a	71.781	1028.094	1315.799
		Tim	1314.667 ^a	193.607	926.670	1702.664
	iStar 2.0 Review	Abby	871.590 ^a	100.943	669.297	1073.884
		Tim	1999.933 ^a	110.656	1778.175	2221.692
ProcDur	i* 1.0 Review	Abby	20.130 ^a	42.463	-64.968	105.228
		Tim	20.833 ^a	114.531	-208.691	250.358
	iStar 2.0 Review	Abby	612.186 ^a	59.714	492.516	731.855
		Tim	179.400 ^a	65.460	48.216	310.584
FixRel	i* 1.0 Review	Abby	4.955 ^a	.110	4.735	5.175
		Tim	5.375 ^a	.296	4.781	5.969
	iStar 2.0 Review	Abby	3.243 ^a	.155	2.934	3.553
		Tim	3.407 ^a	.169	3.068	3.747
FixIrrel	i* 1.0 Review	Abby	6.879 ^a	.651	5.574	8.184
		Tim	3.123 ^a	1.757	-.398	6.644
	iStar 2.0 Review	Abby	7.681 ^a	.916	5.846	9.517
		Tim	3.154 ^a	1.004	1.141	5.166
AvDurRelFix	i* 1.0 Review	Abby	565.769 ^a	36.645	492.331	639.207
		Tim	601.625 ^a	98.839	403.548	799.702
	iStar 2.0 Review	Abby	740.792 ^a	51.533	637.519	844.066
		Tim	1320.857 ^a	56.491	1207.647	1434.068

AvDurlIrelFix	i* 1.0 Review	Abby	869.307 ^a	57.321	754.434	984.180
		Tim	976.875 ^a	154.604	667.041	1286.709
	iStar 2.0 Review	Abby	1293.945 ^a	80.608	1132.403	1455.486
		Tim	807.364 ^a	88.364	630.279	984.449
TotSac	i* 1.0 Review	Abby	134.038 ^a	2.003	130.024	138.052
		Tim	141.000 ^a	5.403	130.173	151.827
	iStar 2.0 Review	Abby	90.119 ^a	2.817	84.474	95.764
		Tim	101.328 ^a	3.088	95.140	107.516
Sac2Key	i* 1.0 Review	Abby	113.780 ^a	1.798	110.177	117.384
		Tim	118.667 ^a	4.850	108.948	128.386
	iStar 2.0 Review	Abby	54.190 ^a	2.529	49.123	59.258
		Tim	59.689 ^a	2.772	54.134	65.244
AvAttention	i* 1.0 Review	Abby	.833 ^a	.029	.774	.892
		Tim	.733 ^a	.079	.574	.892
	iStar 2.0 Review	Abby	.820 ^a	.041	.737	.903
		Tim	.714 ^a	.045	.624	.805
AvMentWL	i* 1.0 Review	Abby	.826 ^a	.032	.761	.891
		Tim	.883 ^a	.087	.709	1.058
	iStar 2.0 Review	Abby	.838 ^a	.045	.747	.929
		Tim	.589 ^a	.050	.490	.689
AvFam	i* 1.0 Review	Abby	.517 ^a	.030	.457	.577
		Tim	.567 ^a	.081	.404	.729
	iStar 2.0 Review	Abby	.465 ^a	.042	.381	.550
		Tim	.454 ^a	.046	.361	.547
AvSCL	i* 1.0 Review	Abby	634.809 ^a	23.814	587.084	682.534
		Tim	537.500 ^a	64.232	408.777	666.223
	iStar 2.0 Review	Abby	828.986 ^a	33.489	761.872	896.099
		Tim	796.233 ^a	36.711	722.662	869.805
HRVar_RMSSD	i* 1.0 Review	Abby	39.548 ^a	4.025	31.482	47.614
		Tim	31.903 ^a	10.856	10.148	53.659
	iStar 2.0 Review	Abby	56.542 ^a	5.660	45.199	67.885
		Tim	40.237 ^a	6.205	27.803	52.671
HRVar_NN50	i* 1.0 Review	Abby	23.912 ^a	3.138	17.623	30.201
		Tim	14.912 ^a	8.464	-2.051	31.874
	iStar 2.0 Review	Abby	32.136 ^a	4.413	23.292	40.980
		Tim	49.028 ^a	4.838	39.333	58.723
NASA_MD	i* 1.0 Review	Abby	80.959 ^a	2.436	76.076	85.842
		Tim	77.500 ^a	6.571	64.331	90.669
	iStar 2.0 Review	Abby	94.524 ^a	3.426	87.658	101.390
		Tim	88.000 ^a	3.756	80.473	95.527
NASA_PD	i* 1.0 Review	Abby	18.258 ^a	2.789	12.669	23.847
		Tim	39.167 ^a	7.522	24.092	54.241
	iStar 2.0 Review	Abby	24.548 ^a	3.922	16.688	32.407
		Tim	22.611 ^a	4.299	13.995	31.227
NASA_TD	i* 1.0 Review	Abby	47.028 ^a	4.465	38.081	55.975

		Tim	54.167 ^a	12.042	30.035	78.299
	iStar 2.0 Review	Abby	59.571 ^a	6.278	46.989	72.153
		Tim	49.889 ^a	6.882	36.096	63.682
NASA_Performance	i* 1.0 Review	Abby	27.288 ^a	4.018	19.237	35.340
		Tim	22.500 ^a	10.836	.783	44.217
	iStar 2.0 Review	Abby	52.786 ^a	5.650	41.463	64.108
		Tim	72.139 ^a	6.194	59.727	84.551
NASA_Effort	i* 1.0 Review	Abby	72.132 ^a	3.272	65.575	78.689
		Tim	69.167 ^a	8.825	51.481	86.852
	iStar 2.0 Review	Abby	84.048 ^a	4.601	74.827	93.269
		Tim	79.250 ^a	5.044	69.142	89.358
NASA_Frustration	i* 1.0 Review	Abby	58.515 ^a	3.329	51.843	65.186
		Tim	45.833 ^a	8.979	27.839	63.828
	iStar 2.0 Review	Abby	84.048 ^a	4.682	74.666	93.430
		Tim	63.389 ^a	5.132	53.104	73.674
NASA_Score	i* 1.0 Review	Abby	50.697 ^a	2.549	45.588	55.806
		Tim	51.389 ^a	6.876	37.609	65.169
	iStar 2.0 Review	Abby	80.279 ^a	3.585	73.095	87.464
		Tim	67.312 ^a	3.930	59.437	75.188

a. Based on modified population marginal mean.

**Robust Tests of Equality of Means - i* concrete syntaxes,
GenderMag self-efficacy facet, reviewing task**

		Statistic ^a	df1	df2	Sig.
Precision	Welch	11.886	1	71.595	.001
Recall	Welch	.577	1	77.805	.450
FMeasure	Welch	4.245	1	74.279	.043
Duration	Welch	4.093	1	74.598	.047
FirstActDet	Welch	5.311	1	77.985	.024
LastActDet	Welch	6.190	1	69.330	.015
ProcDur	Welch	.779	1	65.326	.381
FixRel	Welch	2.247	1	77.416	.138
FixIrrel	Welch	7.019	1	62.619	.010
AvDurRelFix	Welch	10.439	1	70.465	.002
AvDurIrrelFix	Welch	1.560	1	73.847	.216
TotSac	Welch	2.993	1	75.923	.088
Sac2Key	Welch	2.327	1	76.042	.131
AvAttention	Welch	8.727	1	76.286	.004
AvMentWL	Welch	1.228	1	76.659	.271
AvFam	Welch	.265	1	75.319	.608
AvSCL	Welch	9.772	1	74.840	.003
HRVar_RMSSD	Welch	1.964	1	71.886	.165
HRVar_NN50	Welch	10.145	1	75.255	.002
NASA_MD	Welch	5.671	1	77.895	.020
NASA_PD	Welch	2.083	1	50.044	.155
NASA_TD	Welch	5.795	1	67.111	.019
NASA_Performance	Welch	.084	1	77.939	.773
NASA_Effort	Welch	4.852	1	77.914	.031
NASA_Frustration	Welch	5.981	1	77.962	.017
NASA_Score	Welch	2.934	1	76.041	.091

a. Asymptotically F distributed.

ANOVA - i* concrete syntaxes, GenderMag self-efficacy facet, reviewing task

		Sum of Squares	df	Mean Square	F	Sig.
Precision	Between Groups	.419	1	.419	12.129	.001
	Within Groups	2.692	78	.035		
	Total	3.111	79			
Recall	Between Groups	.027	1	.027	.568	.453
	Within Groups	3.663	78	.047		
	Total	3.690	79			
FMeasure	Between Groups	.092	1	.092	4.298	.041
	Within Groups	1.662	78	.021		
	Total	1.754	79			
Duration	Between Groups	1719095.583	1	1719095.583	3.966	.050
	Within Groups	33806041.405	78	433410.787		
	Total	35525136.987	79			
FirstActDet	Between Groups	177813.729	1	177813.729	5.264	.024
	Within Groups	2634534.221	78	33776.080		
	Total	2812347.950	79			
LastActDet	Between Groups	2515760.993	1	2515760.993	5.917	.017
	Within Groups	33161764.957	78	425150.833		
	Total	35677525.950	79			
ProcDur	Between Groups	75609.716	1	75609.716	.807	.372
	Within Groups	7309395.172	78	93710.195		
	Total	7385004.887	79			
FixRel	Between Groups	2.355	1	2.355	2.243	.138
	Within Groups	81.892	78	1.050		
	Total	84.248	79			
FixIrrel	Between Groups	103.272	1	103.272	7.311	.008
	Within Groups	1101.776	78	14.125		
	Total	1205.047	79			
AvDurRelFix	Between Groups	1199674.357	1	1199674.357	10.004	.002
	Within Groups	9353291.312	78	119913.991		
	Total	10552965.670	79			
AvDurIrrelFix	Between Groups	164393.457	1	164393.457	1.582	.212
	Within Groups	8107578.247	78	103943.311		
	Total	8271971.703	79			
TotSac	Between Groups	1263.634	1	1263.634	3.013	.087
	Within Groups	32716.853	78	419.447		
	Total	33980.487	79			
Sac2Key	Between Groups	1901.619	1	1901.619	2.341	.130
	Within Groups	63365.868	78	812.383		
	Total	65267.488	79			
AvAttention	Between Groups	.196	1	.196	8.510	.005
	Within Groups	1.792	78	.023		
	Total	1.987	79			
AvMentWL	Between Groups	.043	1	.043	1.200	.277
	Within Groups	2.819	78	.036		
	Total	2.862	79			
AvFam	Between Groups	.006	1	.006	.258	.613
	Within Groups	1.678	78	.022		
	Total	1.684	79			
AvSCL	Between Groups	190880.177	1	190880.177	9.876	.002
	Within Groups	1507520.711	78	19327.189		

	Total	1698400.887	79			
HRVar_RMSSD	Between Groups	1022.129	1	1022.129	2.003	.161
	Within Groups	39806.710	78	510.342		
	Total	40828.840	79			
HRVar_NN50	Between Groups	4085.111	1	4085.111	10.238	.002
	Within Groups	31123.980	78	399.025		
	Total	35209.092	79			
NASA_MD	Between Groups	973.704	1	973.704	5.592	.021
	Within Groups	13580.984	78	174.115		
	Total	14554.687	79			
NASA_PD	Between Groups	550.003	1	550.003	2.229	.139
	Within Groups	19248.747	78	246.779		
	Total	19798.750	79			
NASA_TD	Between Groups	4032.238	1	4032.238	5.977	.017
	Within Groups	52617.450	78	674.583		
	Total	56649.688	79			
NASA_Performance	Between Groups	76.730	1	76.730	.083	.774
	Within Groups	72120.457	78	924.621		
	Total	72197.188	79			
NASA_Effort	Between Groups	1375.020	1	1375.020	4.787	.032
	Within Groups	22404.668	78	287.239		
	Total	23779.688	79			
NASA_Frustration	Between Groups	3905.302	1	3905.302	5.907	.017
	Within Groups	51566.886	78	661.114		
	Total	55472.188	79			
NASA_Score	Between Groups	1139.404	1	1139.404	2.951	.090
	Within Groups	30113.346	78	386.069		
	Total	31252.750	79			

Task * SelfEfficacy - i* concrete syntaxes, GenderMag self-efficacy facet, reviewing task

Dependent Variable	Task	SelfEfficacy	Mean	Std. Error	95% Confidence Interval	
					Lower Bound	Upper Bound
Precision	i* 1.0 Review	Abby	.365 ^a	.031	.303	.426
		Tim	.293 ^a	.043	.208	.379
	iStar 2.0 Review	Abby	.379 ^a	.042	.294	.463
		Tim	.243 ^a	.031	.181	.306
Recall	i* 1.0 Review	Abby	.414 ^a	.043	.328	.501
		Tim	.419 ^a	.060	.299	.538
	iStar 2.0 Review	Abby	.340 ^a	.059	.221	.458
		Tim	.474 ^a	.044	.386	.561
FMeasure	i* 1.0 Review	Abby	.345 ^a	.032	.282	.409
		Tim	.325 ^a	.044	.237	.413
	iStar 2.0 Review	Abby	.240 ^a	.044	.153	.328
		Tim	.235 ^a	.032	.171	.300
Duration	i* 1.0 Review	Abby	1226.321 ^a	97.350	1031.227	1421.415
		Tim	1231.155 ^a	134.652	961.307	1501.002
	iStar 2.0 Review	Abby	1988.139 ^a	133.465	1720.669	2255.609
		Tim	1647.657 ^a	98.520	1450.218	1845.096
FirstActDet	i* 1.0 Review	Abby	494.333 ^a	28.709	436.798	551.868
		Tim	483.470 ^a	39.710	403.890	563.051
	iStar 2.0 Review	Abby	703.722 ^a	39.360	624.843	782.602
		Tim	596.238 ^a	29.055	538.011	654.465
LastActDet	i* 1.0 Review	Abby	1205.023 ^a	89.314	1026.034	1384.012
		Tim	1212.833 ^a	123.536	965.261	1460.405
	iStar 2.0 Review	Abby	1457.139 ^a	122.448	1211.748	1702.530
		Tim	1336.843 ^a	90.388	1155.702	1517.983
ProcDur	i* 1.0 Review	Abby	21.298 ^a	52.835	-84.585	127.181
		Tim	18.321 ^a	73.079	-128.133	164.776
	iStar 2.0 Review	Abby	531.000 ^a	72.436	385.836	676.164
		Tim	310.814 ^a	53.470	203.658	417.970
FixRel	i* 1.0 Review	Abby	5.131 ^a	.137	4.857	5.405
		Tim	4.918 ^a	.189	4.539	5.297
	iStar 2.0 Review	Abby	3.387 ^a	.187	3.012	3.763
		Tim	3.261 ^a	.138	2.983	3.538
FixIrrel	i* 1.0 Review	Abby	6.565 ^a	.810	4.940	8.189
		Tim	4.691 ^a	1.121	2.444	6.937
	iStar 2.0 Review	Abby	5.486 ^a	1.111	3.259	7.712
		Tim	5.683 ^a	.820	4.039	7.326
AvDurRelFix	i* 1.0 Review	Abby	574.330 ^a	45.596	482.954	665.706
		Tim	575.539 ^a	63.067	449.150	701.927
	iStar 2.0 Review	Abby	1000.325 ^a	62.511	875.050	1125.600
		Tim	1015.534 ^a	46.144	923.059	1108.008
AvDurIrrelFix	i* 1.0 Review	Abby	894.991 ^a	71.322	752.059	1037.922

		Tim	898.616 ^a	98.650	700.918	1096.314	
		iStar 2.0 Review	Abby	1227.479 ^a	97.780	1031.522	1423.435
		Tim	933.846 ^a	72.179	789.197	1078.496	
TotSac	i* 1.0 Review	Abby	135.540 ^a	2.492	130.545	140.534	
		Tim	136.256 ^a	3.447	129.347	143.164	
	iStar 2.0 Review	Abby	95.639 ^a	3.417	88.791	102.487	
		Tim	94.995 ^a	2.522	89.941	100.050	
Sac2Key	i* 1.0 Review	Abby	113.687 ^a	2.237	109.204	118.171	
		Tim	117.631 ^a	3.095	111.429	123.832	
	iStar 2.0 Review	Abby	56.306 ^a	3.067	50.159	62.452	
		Tim	57.090 ^a	2.264	52.553	61.628	
AvAttention	i* 1.0 Review	Abby	.808 ^a	.037	.735	.882	
		Tim	.808 ^a	.051	.706	.909	
	iStar 2.0 Review	Abby	.850 ^a	.050	.749	.951	
		Tim	.704 ^a	.037	.630	.778	
AvMentWL	i* 1.0 Review	Abby	.835 ^a	.040	.754	.916	
		Tim	.851 ^a	.056	.740	.963	
	iStar 2.0 Review	Abby	.697 ^a	.055	.587	.808	
		Tim	.745 ^a	.041	.664	.827	
AvFam	i* 1.0 Review	Abby	.524 ^a	.037	.449	.598	
		Tim	.542 ^a	.052	.438	.645	
	iStar 2.0 Review	Abby	.453 ^a	.051	.350	.555	
		Tim	.466 ^a	.038	.390	.542	
AvSCL	i* 1.0 Review	Abby	600.779 ^a	29.631	541.397	660.161	
		Tim	629.887 ^a	40.985	547.752	712.022	
	iStar 2.0 Review	Abby	750.000 ^a	40.624	668.588	831.412	
		Tim	868.614 ^a	29.987	808.519	928.710	
HRVar_RMSSD	i* 1.0 Review	Abby	33.203 ^a	5.008	23.167	43.239	
		Tim	46.505 ^a	6.927	32.623	60.386	
	iStar 2.0 Review	Abby	50.738 ^a	6.866	36.978	64.497	
		Tim	47.542 ^a	5.068	37.385	57.698	
HRVar_NN50	i* 1.0 Review	Abby	18.173 ^a	3.905	10.347	25.998	
		Tim	28.641 ^a	5.401	17.817	39.465	
	iStar 2.0 Review	Abby	40.074 ^a	5.353	29.346	50.802	
		Tim	39.811 ^a	3.952	31.892	47.730	
NASA_MD	i* 1.0 Review	Abby	82.552 ^a	3.031	76.477	88.627	
		Tim	75.179 ^a	4.193	66.776	83.582	
	iStar 2.0 Review	Abby	98.611 ^a	4.156	90.282	106.940	
		Tim	85.429 ^a	3.068	79.280	91.577	
NASA_PD	i* 1.0 Review	Abby	27.906 ^a	3.470	20.952	34.860	
		Tim	14.643 ^a	4.800	5.024	24.261	
	iStar 2.0 Review	Abby	25.556 ^a	4.757	16.022	35.089	
		Tim	22.024 ^a	3.512	14.986	29.061	
NASA_TD	i* 1.0 Review	Abby	56.135 ^a	5.555	45.003	67.268	
		Tim	34.167 ^a	7.684	18.769	49.565	

	iStar 2.0 Review	Abby	65.417 ^a	7.616	50.154	80.679
		Tim	46.262 ^a	5.622	34.996	57.528
NASA_Performance	i* 1.0 Review	Abby	30.625 ^a	4.999	20.607	40.643
		Tim	17.024 ^a	6.914	3.167	30.881
	iStar 2.0 Review	Abby	67.500 ^a	6.854	53.765	81.235
		Tim	56.762 ^a	5.059	46.623	66.901
NASA_Effort	i* 1.0 Review	Abby	73.604 ^a	4.071	65.445	81.763
		Tim	66.964 ^a	5.631	55.679	78.249
	iStar 2.0 Review	Abby	89.722 ^a	5.581	78.537	100.908
		Tim	75.071 ^a	4.120	66.815	83.328
NASA_Frustration	i* 1.0 Review	Abby	58.656 ^a	4.142	50.355	66.957
		Tim	48.720 ^a	5.729	37.238	60.202
	iStar 2.0 Review	Abby	93.056 ^a	5.679	81.675	104.436
		Tim	58.619 ^a	4.192	50.218	67.020
NASA_Score	i* 1.0 Review	Abby	54.913 ^a	3.172	48.556	61.270
		Tim	42.783 ^a	4.387	33.990	51.575
	iStar 2.0 Review	Abby	86.407 ^a	4.349	77.692	95.122
		Tim	63.912 ^a	3.210	57.479	70.346

a. Based on modified population marginal mean.

**Robust Tests of Equality of Means - i* concrete syntaxes,
GenderMag risk facet, reviewing task**

		Statistic ^a	df1	df2	Sig.
Precision	Welch	34.295	1	43.597	.000
Recall	Welch	16.356	1	70.352	.000
FMeasure	Welch	.727	1	49.893	.398
Duration	Welch	17.824	1	43.269	.000
FirstActDet	Welch	12.380	1	41.464	.001
LastActDet	Welch	15.982	1	46.238	.000
ProcDur	Welch	.191	1	75.894	.663
FixRel	Welch	3.849	1	77.933	.053
FixIrrel	Welch	1.788	1	44.471	.188
AvDurRelFix	Welch	11.936	1	45.977	.001
AvDurIrrelFix	Welch	.823	1	68.658	.367
TotSac	Welch	2.215	1	77.288	.141
Sac2Key	Welch	1.954	1	77.263	.166
AvAttention	Welch	2.991	1	77.947	.088
AvMentWL	Welch	13.540	1	61.210	.000
AvFam	Welch	3.456	1	71.211	.067
AvSCL	Welch	.248	1	77.969	.620
HRVar_RMSSD	Welch	3.374	1	69.175	.071
HRVar_NN50	Welch	.765	1	69.876	.385
NASA_MD	Welch	.338	1	53.733	.563
NASA_PD	Welch	.321	1	57.152	.573
NASA_TD	Welch	8.374	1	60.224	.005
NASA_Performance	Welch	11.315	1	74.809	.001
NASA_Effort	Welch	.003	1	49.630	.955
NASA_Frustration	Welch	36.133	1	75.365	.000
NASA_Score	Welch	19.823	1	75.634	.000

a. Asymptotically F distributed.

ANOVA - i* concrete syntaxes, GenderMag risk facet, reviewing task

		Sum of Squares	df	Mean Square	F	Sig.
Precision	Between Groups	1.070	1	1.070	40.899	.000
	Within Groups	2.041	78	.026		
	Total	3.111	79			
Recall	Between Groups	.650	1	.650	16.673	.000
	Within Groups	3.040	78	.039		
	Total	3.690	79			
FMeasure	Between Groups	.019	1	.019	.832	.365
	Within Groups	1.736	78	.022		
	Total	1.754	79			
Duration	Between Groups	7621677.787	1	7621677.787	21.305	.000
	Within Groups	27903459.200	78	357736.656		
	Total	35525136.987	79			
FirstActDet	Between Groups	453455.087	1	453455.087	14.994	.000
	Within Groups	2358892.863	78	30242.216		
	Total	2812347.950	79			
LastActDet	Between Groups	6905533.207	1	6905533.207	18.721	.000
	Within Groups	28771992.743	78	368871.702		
	Total	35677525.950	79			
ProcDur	Between Groups	17662.545	1	17662.545	.187	.667
	Within Groups	7367342.343	78	94453.107		
	Total	7385004.888	79			
FixRel	Between Groups	3.705	1	3.705	3.588	.062
	Within Groups	80.543	78	1.033		
	Total	84.248	79			
FixIrrel	Between Groups	31.881	1	31.881	2.120	.149
	Within Groups	1173.166	78	15.041		
	Total	1205.047	79			
AvDurRelFix	Between Groups	1606380.091	1	1606380.091	14.005	.000
	Within Groups	8946585.579	78	114699.815		
	Total	10552965.670	79			
AvDurIrrelFix	Between Groups	88956.259	1	88956.259	.848	.360
	Within Groups	8183015.444	78	104910.454		
	Total	8271971.703	79			
TotSac	Between Groups	902.716	1	902.716	2.129	.149
	Within Groups	33077.771	78	424.074		
	Total	33980.488	79			
Sac2Key	Between Groups	1534.516	1	1534.516	1.878	.174
	Within Groups	63732.971	78	817.089		
	Total	65267.487	79			
AvAttention	Between Groups	.069	1	.069	2.790	.099
	Within Groups	1.919	78	.025		
	Total	1.987	79			
AvMentWL	Between Groups	.450	1	.450	14.535	.000
	Within Groups	2.412	78	.031		
	Total	2.862	79			
AvFam	Between Groups	.072	1	.072	3.504	.065
	Within Groups	1.611	78	.021		
	Total	1.684	79			
AvSCL	Between Groups	5082.088	1	5082.088	.234	.630
	Within Groups	1693318.800	78	21709.215		

	Total	1698400.888	79			
HRVar_RMSSD	Between Groups	1735.959	1	1735.959	3.464	.066
	Within Groups	39092.881	78	501.191		
	Total	40828.840	79			
HRVar_NN50	Between Groups	349.612	1	349.612	.782	.379
	Within Groups	34859.480	78	446.916		
	Total	35209.092	79			
NASA_MD	Between Groups	70.243	1	70.243	.378	.540
	Within Groups	14484.444	78	185.698		
	Total	14554.688	79			
NASA_PD	Between Groups	89.067	1	89.067	.352	.554
	Within Groups	19709.683	78	252.688		
	Total	19798.750	79			
NASA_TD	Between Groups	5882.545	1	5882.545	9.038	.004
	Within Groups	50767.143	78	650.861		
	Total	56649.688	79			
NASA_Performance	Between Groups	8292.902	1	8292.902	10.122	.002
	Within Groups	63904.286	78	819.286		
	Total	72197.188	79			
NASA_Effort	Between Groups	1.116	1	1.116	.004	.952
	Within Groups	23778.571	78	304.853		
	Total	23779.688	79			
NASA_Frustration	Between Groups	16304.410	1	16304.410	32.469	.000
	Within Groups	39167.778	78	502.151		
	Total	55472.188	79			
NASA_Score	Between Groups	6233.613	1	6233.613	19.434	.000
	Within Groups	25019.137	78	320.758		
	Total	31252.750	79			

Task * Risk - i* concrete syntaxes, GenderMag risk facet, reviewing task

Dependent Variable	Task	Risk	Mean	Std. Error	95% Confidence Interval	
					Lower Bound	Upper Bound
Precision	i* 1.0 Review	Abby	.539 ^a	.044	.452	.626
		Tim	.199 ^a	.029	.140	.258
	iStar 2.0 Review	Abby	.423 ^a	.035	.353	.494
		Tim	.169 ^a	.038	.093	.244
Recall	i* 1.0 Review	Abby	.457 ^a	.061	.335	.579
		Tim	.386 ^a	.041	.304	.469
	iStar 2.0 Review	Abby	.236 ^a	.049	.137	.334
		Tim	.618 ^a	.053	.512	.723
FMeasure	i* 1.0 Review	Abby	.464 ^a	.045	.374	.554
		Tim	.249 ^a	.030	.188	.309
	iStar 2.0 Review	Abby	.234 ^a	.036	.161	.307
		Tim	.242 ^a	.039	.164	.320
Duration	i* 1.0 Review	Abby	1176.730 ^a	137.540	901.093	1452.367
		Tim	1264.505 ^a	92.988	1078.153	1450.858
	iStar 2.0 Review	Abby	2231.119 ^a	111.012	2008.646	2453.592
		Tim	1307.433 ^a	119.375	1068.201	1546.666
FirstActDet	i* 1.0 Review	Abby	467.350 ^a	40.562	386.062	548.638
		Tim	507.400 ^a	27.423	452.442	562.357
	iStar 2.0 Review	Abby	762.357 ^a	32.739	696.748	827.967
		Tim	509.917 ^a	35.205	439.365	580.469
LastActDet	i* 1.0 Review	Abby	1137.770 ^a	126.187	884.886	1390.654
		Tim	1257.524 ^a	85.312	1086.554	1428.493
	iStar 2.0 Review	Abby	1838.871 ^a	101.848	1634.763	2042.979
		Tim	871.439 ^a	109.521	651.955	1090.923
ProcDur	i* 1.0 Review	Abby	38.960 ^a	74.647	-110.637	188.557
		Tim	6.981 ^a	50.468	-94.158	108.120
	iStar 2.0 Review	Abby	392.248 ^a	60.250	271.505	512.990
		Tim	435.994 ^a	64.788	306.156	565.833
FixRel	i* 1.0 Review	Abby	4.913 ^a	.193	4.526	5.300
		Tim	5.165 ^a	.131	4.903	5.427
	iStar 2.0 Review	Abby	3.435 ^a	.156	3.123	3.748
		Tim	3.184 ^a	.168	2.848	3.520
FixIrrel	i* 1.0 Review	Abby	7.162 ^a	1.145	4.868	9.457
		Tim	5.067 ^a	.774	3.516	6.618
	iStar 2.0 Review	Abby	5.875 ^a	.924	4.023	7.727
		Tim	5.261 ^a	.994	3.269	7.252
AvDurRelFix	i* 1.0 Review	Abby	561.932 ^a	64.420	432.832	691.033
		Tim	583.876 ^a	43.553	496.594	671.158
	iStar 2.0 Review	Abby	1160.554 ^a	51.995	1056.354	1264.753
		Tim	831.136 ^a	55.912	719.086	943.185
AvDurIrrelFix	i* 1.0 Review	Abby	857.797 ^a	100.766	655.858	1059.737

		Tim	923.629 ^a	68.126	787.101	1060.156
	iStar 2.0 Review	Abby	965.287 ^a	81.331	802.296	1128.277
		Tim	1190.799 ^a	87.458	1015.530	1366.067
TotSac	i* 1.0 Review	Abby	134.280 ^a	3.521	127.223	141.337
		Tim	136.849 ^a	2.381	132.078	141.620
	iStar 2.0 Review	Abby	99.400 ^a	2.842	93.704	105.096
		Tim	90.500 ^a	3.056	84.375	96.625
Sac2Key	i* 1.0 Review	Abby	114.750 ^a	3.161	108.415	121.085
		Tim	115.182 ^a	2.137	110.899	119.465
	iStar 2.0 Review	Abby	60.757 ^a	2.551	55.644	65.870
		Tim	52.028 ^a	2.743	46.530	57.526
AvAttention	i* 1.0 Review	Abby	.810 ^a	.052	.706	.914
		Tim	.807 ^a	.035	.737	.877
	iStar 2.0 Review	Abby	.755 ^a	.042	.672	.839
		Tim	.790 ^a	.045	.700	.880
AvMentWL	i* 1.0 Review	Abby	.796 ^a	.057	.682	.910
		Tim	.872 ^a	.038	.795	.949
	iStar 2.0 Review	Abby	.653 ^a	.046	.561	.745
		Tim	.805 ^a	.049	.706	.904
AvFam	i* 1.0 Review	Abby	.546 ^a	.053	.440	.652
		Tim	.518 ^a	.036	.446	.589
	iStar 2.0 Review	Abby	.432 ^a	.043	.347	.517
		Tim	.493 ^a	.046	.401	.585
AvSCL	i* 1.0 Review	Abby	596.780 ^a	41.864	512.883	680.677
		Tim	620.269 ^a	28.303	563.547	676.990
	iStar 2.0 Review	Abby	764.724 ^a	33.789	697.008	832.439
		Tim	871.206 ^a	36.335	798.389	944.022
HRVar_RMSSD	i* 1.0 Review	Abby	24.455 ^a	7.075	10.276	38.635
		Tim	47.052 ^a	4.784	37.466	56.639
	iStar 2.0 Review	Abby	45.014 ^a	5.711	33.569	56.458
		Tim	53.687 ^a	6.141	41.380	65.994
HRVar_NN50	i* 1.0 Review	Abby	10.259 ^a	5.517	-.797	21.315
		Tim	29.807 ^a	3.730	22.333	37.282
	iStar 2.0 Review	Abby	47.774 ^a	4.453	38.851	56.698
		Tim	30.784 ^a	4.788	21.188	40.380
NASA_MD	i* 1.0 Review	Abby	78.500 ^a	4.283	69.917	87.083
		Tim	81.233 ^a	2.896	75.430	87.036
	iStar 2.0 Review	Abby	93.286 ^a	3.457	86.358	100.213
		Tim	89.444 ^a	3.717	81.995	96.894
NASA_PD	i* 1.0 Review	Abby	27.400 ^a	4.903	17.575	37.225
		Tim	20.689 ^a	3.315	14.046	27.331
	iStar 2.0 Review	Abby	23.429 ^a	3.957	15.499	31.359
		Tim	23.917 ^a	4.255	15.389	32.444
NASA_TD	i* 1.0 Review	Abby	64.400 ^a	7.848	48.672	80.128
		Tim	37.679 ^a	5.306	27.045	48.312

	iStar 2.0 Review	Abby	54.190 ^a	6.335	41.496	66.885
		Tim	56.167 ^a	6.812	42.516	69.818
NASA_Performance	i* 1.0 Review	Abby	41.750 ^a	7.063	27.596	55.904
		Tim	14.906 ^a	4.775	5.337	24.476
	iStar 2.0 Review	Abby	61.119 ^a	5.701	49.695	72.543
		Tim	62.417 ^a	6.130	50.132	74.701
NASA_Effort	i* 1.0 Review	Abby	65.600 ^a	5.752	54.073	77.127
		Tim	75.527 ^a	3.889	67.734	83.320
	iStar 2.0 Review	Abby	84.357 ^a	4.642	75.053	93.661
		Tim	78.889 ^a	4.992	68.884	88.893
NASA_Frustration	i* 1.0 Review	Abby	69.100 ^a	5.852	57.372	80.828
		Tim	45.519 ^a	3.957	37.590	53.448
	iStar 2.0 Review	Abby	87.905 ^a	4.723	78.439	97.371
		Tim	58.889 ^a	5.079	48.710	69.068
NASA_Score	i* 1.0 Review	Abby	57.792 ^a	4.482	48.810	66.773
		Tim	45.925 ^a	3.030	39.853	51.998
	iStar 2.0 Review	Abby	80.871 ^a	3.617	73.622	88.120
		Tim	66.622 ^a	3.890	58.827	74.417

a. Based on modified population marginal mean.

**Robust Tests of Equality of Means - i* concrete syntaxes,
GenderMag learning style facet, reviewing task**

		Statistic ^a	df1	df2	Sig.
Precision	Welch	.091	1	74.958	.764
Recall	Welch	.021	1	77.198	.886
FMeasure	Welch	.205	1	77.558	.652
Duration	Welch	1.553	1	74.442	.217
FirstActDet	Welch	2.023	1	68.262	.159
LastActDet	Welch	2.175	1	69.204	.145
ProcDur	Welch	.276	1	73.687	.601
FixRel	Welch	.201	1	77.990	.655
FixIrrel	Welch	.176	1	77.939	.676
AvDurRelFix	Welch	1.445	1	64.624	.234
AvDurIrrelFix	Welch	.000	1	76.248	.982
TotSac	Welch	.290	1	76.473	.592
Sac2Key	Welch	.000	1	77.988	.983
AvAttention	Welch	.001	1	77.869	.972
AvMentWL	Welch	2.228	1	72.581	.140
AvFam	Welch	2.740	1	77.267	.102
AvSCL	Welch	.058	1	78.000	.810
HRVar_RMSSD	Welch	1.954	1	77.008	.166
HRVar_NN50	Welch	.749	1	71.921	.390
NASA_MD	Welch	.544	1	65.578	.463
NASA_PD	Welch	.871	1	76.551	.354
NASA_TD	Welch	1.078	1	77.973	.302
NASA_Performance	Welch	.037	1	76.647	.848
NASA_Effort	Welch	.886	1	64.169	.350
NASA_Frustration	Welch	2.246	1	76.934	.138
NASA_Score	Welch	.727	1	77.535	.396

a. Asymptotically F distributed.

ANOVA - i* concrete syntaxes, GenderMag learning style facet, reviewing task

		Sum of Squares	df	Mean Square	F	Sig.
Precision	Between Groups	.004	1	.004	.092	.763
	Within Groups	3.107	78	.040		
	Total	3.111	79			
Recall	Between Groups	.001	1	.001	.021	.886
	Within Groups	3.689	78	.047		
	Total	3.690	79			
FMeasure	Between Groups	.005	1	.005	.204	.653
	Within Groups	1.749	78	.022		
	Total	1.754	79			
Duration	Between Groups	701779.748	1	701779.748	1.572	.214
	Within Groups	34823357.239	78	446453.298		
	Total	35525136.988	79			
FirstActDet	Between Groups	73091.579	1	73091.579	2.081	.153
	Within Groups	2739256.371	78	35118.671		
	Total	2812347.950	79			
LastActDet	Between Groups	992851.895	1	992851.895	2.233	.139
	Within Groups	34684674.055	78	444675.308		
	Total	35677525.950	79			
ProcDur	Between Groups	25184.606	1	25184.606	.267	.607
	Within Groups	7359820.282	78	94356.670		
	Total	7385004.888	79			
FixRel	Between Groups	.214	1	.214	.198	.657
	Within Groups	84.034	78	1.077		
	Total	84.248	79			
FixIrrel	Between Groups	2.700	1	2.700	.175	.677
	Within Groups	1202.347	78	15.415		
	Total	1205.047	79			
AvDurRelFix	Between Groups	198908.839	1	198908.839	1.498	.225
	Within Groups	10354056.831	78	132744.318		
	Total	10552965.670	79			
AvDurIrrelFix	Between Groups	52.879	1	52.879	.000	.982
	Within Groups	8271918.825	78	106050.241		
	Total	8271971.703	79			
TotSac	Between Groups	126.444	1	126.444	.291	.591
	Within Groups	33854.044	78	434.026		
	Total	33980.488	79			
Sac2Key	Between Groups	.386	1	.386	.000	.983
	Within Groups	65267.102	78	836.758		
	Total	65267.488	79			
AvAttention	Between Groups	.000	1	.000	.001	.972
	Within Groups	1.987	78	.025		
	Total	1.988	79			
AvMentWL	Between Groups	.081	1	.081	2.267	.136
	Within Groups	2.781	78	.036		
	Total	2.862	79			
AvFam	Between Groups	.057	1	.057	2.739	.102
	Within Groups	1.627	78	.021		
	Total	1.684	79			
AvSCL	Between Groups	1258.069	1	1258.069	.058	.811
	Within Groups	1697142.818	78	21758.241		

	Total	1698400.888	79			
HRVar_RMSSD	Between Groups	999.211	1	999.211	1.957	.166
	Within Groups	39829.628	78	510.636		
	Total	40828.840	79			
HRVar_NN50	Between Groups	341.591	1	341.591	.764	.385
	Within Groups	34867.500	78	447.019		
	Total	35209.092	79			
NASA_MD	Between Groups	104.343	1	104.343	.563	.455
	Within Groups	14450.345	78	185.261		
	Total	14554.688	79			
NASA_PD	Between Groups	213.412	1	213.412	.850	.359
	Within Groups	19585.338	78	251.094		
	Total	19798.750	79			
NASA_TD	Between Groups	766.072	1	766.072	1.069	.304
	Within Groups	55883.615	78	716.457		
	Total	56649.688	79			
NASA_Performance	Between Groups	33.560	1	33.560	.036	.849
	Within Groups	72163.628	78	925.175		
	Total	72197.188	79			
NASA_Effort	Between Groups	277.275	1	277.275	.920	.340
	Within Groups	23502.412	78	301.313		
	Total	23779.687	79			
NASA_Frustration	Between Groups	1519.775	1	1519.775	2.197	.142
	Within Groups	53952.412	78	691.698		
	Total	55472.188	79			
NASA_Score	Between Groups	287.889	1	287.889	.725	.397
	Within Groups	30964.861	78	396.985		
	Total	31252.750	79			

Task * LearningStyle - i* concrete syntaxes, GenderMag learning style facet, reviewing task

Dependent Variable	Task	LearningStyle	Mean	Std. Error	95% Confidence Interval	
					Lower Bound	Upper Bound
Precision	i* 1.0 Review	Abby	.347 ^a	.037	.273	.421
		Tim	.337 ^a	.034	.269	.404
	iStar 2.0 Review	Abby	.346 ^a	.041	.263	.428
		Tim	.272 ^a	.032	.207	.336
Recall	i* 1.0 Review	Abby	.376 ^a	.052	.272	.480
		Tim	.444 ^a	.047	.350	.538
	iStar 2.0 Review	Abby	.435 ^a	.058	.319	.550
		Tim	.392 ^a	.045	.302	.483
FMeasure	i* 1.0 Review	Abby	.321 ^a	.038	.245	.398
		Tim	.351 ^a	.035	.281	.420
	iStar 2.0 Review	Abby	.247 ^a	.042	.162	.332
		Tim	.229 ^a	.033	.163	.296
Duration	i* 1.0 Review	Abby	1174.307 ^a	117.224	939.385	1409.229
		Tim	1266.236 ^a	106.243	1053.320	1479.152
	iStar 2.0 Review	Abby	1817.183 ^a	130.086	1556.486	2077.881
		Tim	1794.190 ^a	101.787	1590.205	1998.176
FirstActDet	i* 1.0 Review	Abby	465.643 ^a	34.570	396.362	534.924
		Tim	508.619 ^a	31.332	445.828	571.410
	iStar 2.0 Review	Abby	652.333 ^a	38.364	575.451	729.216
		Tim	640.286 ^a	30.018	580.128	700.443
LastActDet	i* 1.0 Review	Abby	1157.150 ^a	107.547	941.621	1372.679
		Tim	1243.681 ^a	97.473	1048.341	1439.021
	iStar 2.0 Review	Abby	1364.400 ^a	119.347	1125.223	1603.577
		Tim	1416.333 ^a	93.385	1229.186	1603.480
ProcDur	i* 1.0 Review	Abby	17.157 ^a	63.621	-110.342	144.656
		Tim	22.555 ^a	57.661	-93.001	138.111
	iStar 2.0 Review	Abby	452.783 ^a	70.601	311.295	594.272
		Tim	377.857 ^a	55.243	267.148	488.566
FixRel	i* 1.0 Review	Abby	5.034 ^a	.165	4.704	5.364
		Tim	5.079 ^a	.149	4.780	5.378
	iStar 2.0 Review	Abby	3.462 ^a	.183	3.096	3.828
		Tim	3.196 ^a	.143	2.910	3.483
FixIrrel	i* 1.0 Review	Abby	6.260 ^a	.976	4.304	8.216
		Tim	5.712 ^a	.885	3.939	7.484
	iStar 2.0 Review	Abby	6.105 ^a	1.083	3.935	8.275
		Tim	5.152 ^a	.847	3.453	6.850
AvDurRelFix	i* 1.0 Review	Abby	561.327 ^a	54.904	451.296	671.357
		Tim	584.309 ^a	49.761	484.585	684.032
	iStar 2.0 Review	Abby	991.880 ^a	60.928	869.777	1113.983
		Tim	1022.772 ^a	47.674	927.232	1118.313
AvDurIrrelFix	i* 1.0 Review	Abby	855.980 ^a	85.882	683.870	1028.091

		Tim	924.927 ^a	77.837	768.938	1080.915
	iStar 2.0 Review	Abby	1228.199 ^a	95.305	1037.204	1419.194
		Tim	933.229 ^a	74.572	783.783	1082.675
TotSac	i* 1.0 Review	Abby	136.271 ^a	3.001	130.257	142.286
		Tim	135.426 ^a	2.720	129.975	140.877
	iStar 2.0 Review	Abby	90.800 ^a	3.330	84.126	97.474
		Tim	99.143 ^a	2.606	93.921	104.365
Sac2Key	i* 1.0 Review	Abby	116.421 ^a	2.694	111.023	121.820
		Tim	113.988 ^a	2.442	109.095	118.881
	iStar 2.0 Review	Abby	56.633 ^a	2.990	50.642	62.625
		Tim	56.810 ^a	2.339	52.122	61.497
AvAttention	i* 1.0 Review	Abby	.808 ^a	.044	.720	.896
		Tim	.808 ^a	.040	.728	.888
	iStar 2.0 Review	Abby	.810 ^a	.049	.712	.908
		Tim	.738 ^a	.038	.661	.815
AvMentWL	i* 1.0 Review	Abby	.854 ^a	.048	.757	.951
		Tim	.830 ^a	.044	.743	.918
	iStar 2.0 Review	Abby	.725 ^a	.054	.617	.833
		Tim	.721 ^a	.042	.637	.806
AvFam	i* 1.0 Review	Abby	.525 ^a	.045	.435	.615
		Tim	.533 ^a	.041	.451	.615
	iStar 2.0 Review	Abby	.422 ^a	.050	.322	.522
		Tim	.493 ^a	.039	.415	.571
AvSCL	i* 1.0 Review	Abby	578.843 ^a	35.680	507.338	650.347
		Tim	633.081 ^a	32.338	568.274	697.887
	iStar 2.0 Review	Abby	804.717 ^a	39.595	725.367	884.067
		Tim	821.714 ^a	30.982	759.626	883.803
HRVar_RMSSD	i* 1.0 Review	Abby	29.696 ^a	6.030	17.612	41.781
		Tim	43.308 ^a	5.465	32.356	54.261
	iStar 2.0 Review	Abby	49.963 ^a	6.692	36.552	63.373
		Tim	48.206 ^a	5.236	37.712	58.699
HRVar_NN50	i* 1.0 Review	Abby	16.145 ^a	4.702	6.723	25.568
		Tim	25.603 ^a	4.261	17.063	34.143
	iStar 2.0 Review	Abby	44.873 ^a	5.218	34.416	55.329
		Tim	35.698 ^a	4.083	27.516	43.880
NASA_MD	i* 1.0 Review	Abby	82.143 ^a	3.650	74.827	89.458
		Tim	78.631 ^a	3.308	72.001	85.261
	iStar 2.0 Review	Abby	92.167 ^a	4.051	84.049	100.285
		Tim	90.952 ^a	3.170	84.600	97.304
NASA_PD	i* 1.0 Review	Abby	25.464 ^a	4.178	17.091	33.838
		Tim	22.071 ^a	3.787	14.482	29.661
	iStar 2.0 Review	Abby	18.750 ^a	4.637	9.458	28.042
		Tim	27.857 ^a	3.628	20.586	35.128
NASA_TD	i* 1.0 Review	Abby	48.000 ^a	6.689	34.595	61.405
		Tim	49.393 ^a	6.062	37.243	61.542

	iStar 2.0 Review	Abby	65.083 ^a	7.423	50.207	79.959
		Tim	46.548 ^a	5.808	34.908	58.188
NASA_Performance	i* 1.0 Review	Abby	30.286 ^a	6.020	18.222	42.349
		Tim	23.095 ^a	5.456	12.162	34.029
	iStar 2.0 Review	Abby	51.500 ^a	6.680	38.113	64.887
		Tim	70.476 ^a	5.227	60.001	80.951
NASA_Effort	i* 1.0 Review	Abby	72.321 ^a	4.902	62.497	82.146
		Tim	70.726 ^a	4.443	61.822	79.630
	iStar 2.0 Review	Abby	81.750 ^a	5.440	70.848	92.652
		Tim	81.905 ^a	4.257	73.374	90.435
NASA_Frustration	i* 1.0 Review	Abby	56.143 ^a	4.988	46.147	66.139
		Tim	54.774 ^a	4.521	45.714	63.833
	iStar 2.0 Review	Abby	83.667 ^a	5.535	72.574	94.759
		Tim	66.667 ^a	4.331	57.987	75.346
NASA_Score	i* 1.0 Review	Abby	52.393 ^a	3.820	44.738	60.047
		Tim	49.782 ^a	3.462	42.844	56.719
	iStar 2.0 Review	Abby	77.879 ^a	4.239	69.384	86.373
		Tim	71.222 ^a	3.317	64.576	77.869

a. Based on modified population marginal mean.