

Model answer for Reliability analysis on the IES of the CARIAD Trial database.

The impact of event scale (IES) consisted of 15 items in total and was found to be highly reliable ($\alpha = 0.93$).

Case Processing Summary

		N	%
Cases	Valid	60	100.0
	Excluded ^a	0	.0
	Total	60	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.931	.932	15

Item Statistics

	Mean	Std. Deviation	N
ies1_t1rc	1.82	1.780	60
ies2_t1rc	1.80	1.885	60

ies3_t1rc	1.35	1.894	60
ies4_t1rc	1.15	1.735	60
ies5_t1rc	1.95	1.780	60
ies6_t1rc	.80	1.614	60
ies7_t1rc	.75	1.422	60
ies8_t1rc	.88	1.585	60
ies9_t1rc	1.22	1.795	60
ies10_t1rc	1.13	1.631	60
ies11_t1rc	1.60	1.834	60
ies12_t1rc	1.22	1.842	60
ies13_t1rc	1.62	1.923	60
ies14_t1rc	1.42	1.690	60
ies15_t1rc	1.28	1.776	60

Inter-Item Correlation Matrix

	ies1_t1rc	ies2_t1rc	ies3_t1rc	ies4_t1rc	ies5_t1rc	ies6_t1rc	ies7_t1rc	ies8_t1rc	ies9_t1rc	ies10_t1r c	ies11_t1r c	ies12_t1r c	ies13_t1r c	ies14_t1r c	ies15_t1r c
ies1_t1rc	1.000	.524	.421	.470	.580	.376	.377	.317	.166	.446	.418	.384	.271	.499	.231
ies2_t1rc	.524	1.000	.466	.538	.578	.310	.373	.446	.349	.400	.496	.428	.329	.548	.351
ies3_t1rc	.421	.466	1.000	.561	.503	.439	.562	.375	.441	.467	.324	.507	.470	.536	.439
ies4_t1rc	.470	.538	.561	1.000	.617	.701	.696	.401	.512	.759	.680	.631	.541	.793	.382
ies5_t1rc	.580	.578	.503	.617	1.000	.498	.511	.461	.391	.580	.617	.582	.425	.689	.337
ies6_t1rc	.376	.310	.439	.701	.498	1.000	.554	.415	.401	.809	.517	.437	.346	.640	.363
ies7_t1rc	.377	.373	.562	.696	.511	.554	1.000	.243	.520	.548	.455	.681	.659	.658	.337
ies8_t1rc	.317	.446	.375	.401	.461	.415	.243	1.000	.277	.426	.363	.160	.113	.316	.421

ies9_t1rc	.166	.349	.441	.512	.391	.401	.520	.277	1.000	.447	.361	.554	.579	.556	.512
ies10_t1rc	.446	.400	.467	.759	.580	.809	.548	.426	.447	1.000	.659	.470	.384	.680	.320
ies11_t1rc	.418	.496	.324	.680	.617	.517	.455	.363	.361	.659	1.000	.603	.446	.727	.446
ies12_t1rc	.384	.428	.507	.631	.582	.437	.681	.160	.554	.470	.603	1.000	.675	.651	.483
ies13_t1rc	.271	.329	.470	.541	.425	.346	.659	.113	.579	.384	.446	.675	1.000	.571	.469
ies14_t1rc	.499	.548	.536	.793	.689	.640	.658	.316	.556	.680	.727	.651	.571	1.000	.479
ies15_t1rc	.231	.351	.439	.382	.337	.363	.337	.421	.512	.320	.446	.483	.469	.479	1.000

Summary Item Statistics

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	1.332	.750	1.950	1.200	2.600	.137	15

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item- Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
ies1_t1rc	18.17	314.243	.539	.444	.930
ies2_t1rc	18.18	307.644	.609	.510	.928

ies3_t1rc	18.63	305.151	.645	.515	.927
ies4_t1rc	18.83	298.480	.833	.783	.922
ies5_t1rc	18.03	302.575	.738	.653	.925
ies6_t1rc	19.18	310.695	.671	.718	.927
ies7_t1rc	19.23	313.233	.719	.675	.926
ies8_t1rc	19.10	322.634	.462	.502	.932
ies9_t1rc	18.77	310.250	.600	.536	.929
ies10_t1rc	18.85	306.774	.735	.781	.925
ies11_t1rc	18.38	302.817	.709	.711	.925
ies12_t1rc	18.77	301.504	.728	.700	.925
ies13_t1rc	18.37	305.863	.623	.604	.928
ies14_t1rc	18.57	299.233	.844	.789	.922
ies15_t1rc	18.70	313.603	.551	.526	.930

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
19.98	351.440	18.747	15