

UPRM Classroom Observation Instrument Internal Reliability Output

Notes

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	File	
	Matrix Input	
	Definition of Missing	User-defined missing values are treated as missing.
Missing Value Handling		Statistics are based on all cases with valid data for all variables in the procedure.
	Cases Used	

UPRM Classroom Observation Instrument Internal Reliability Output

Syntax	RELIABILITY /VARIABLES=EV1 EV2 EV3 EV4 EV5 EV6 EV7 EV8 EV9 EV10 EV11 EV12 EV13 EV14 EV15 EV16 EV17 EV18 EV19 EV20 EV21 EV22 EV23 EV24 EV25 EV26 EV27 EV28 EVT21 EVT22 EVT23 EVT24 EVT25 EVT26 EVT27 EVT28 EVT29 EVT210 EVT211 EVT212 EVT213 EVT214 EVT215 EVT216 EVT217 EVT218 EVT219 EVT220 EVT221 EVT222 EVT223 EVT224 EVT225 EVT226 EVT227 EVT228 /SCALE('ALL VARIABLES') ALL /MODEL=ALPHA.
Resources	Processor Time 00:00:00.02

Notes

Resources	Elapsed Time 00:00:00.02
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Reliability CEAP - Evaluación 1 con 31 estudiantes Internal Reliability (Conbach Alpha)

Notes

Output Created	14-AUG-2017 16:54:35
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Active Dataset	DataSet0

UPRM Classroom Observation Instrument Internal Reliability Output

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	Matrix Input	
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the procedure.
Syntax		RELIABILITY
		/VARIABLES=EV1 EV2
		EV3 EV4 EV5 EV6 EV7 EV8
		EV9 EV10 EV11 EV12 EV13
		EV14 EV15 EV16 EV17
		EV18 EV19 EV20 EV21
		EV22 EV23 EV24 EV25
		EV26 EV27 EV28 EVT21
		EVT22 EVT23 EVT24
		EVT25 EVT26 EVT27
		EVT28 EVT29 EVT210
		EVT211 EVT212 EVT213
		EVT214 EVT215 EVT216
		EVT217
		EVT218 EVT219 EVT220
	EVT221 EVT222 EVT223	
	EVT224 EVT225 EVT226	
	EVT227 EVT228	
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	VARIABLES') ALL	
	/MODEL=ALPHA.	
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Notes

Resources	Elapsed Time	00:00:00.00
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[DataSet0] C:\Users\Janet\Desktop\CEAP RELIABILITY STUDY.sav

UPRM Classroom Observation Instrument Internal Reliability Output

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	31	100.0
	Excluded ^a	0	.0
	Total	31	100.0

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

Reliability Statistics

Cronbach's Alpha	N of Items
.970	56

RELIABILITY

```

/VARIABLES=EV1 EV2 EV3 EV4 EV5 EV6 EV7 EV8 EV9 EV10 EV11 EV12 EV13 EV14 EV15
EV16 EV17 EV18 EV19 EV20 EV21 EV22 EV23 EV24 EV25 EV26 EV27 EV28 EVT21 EVT22
EVT23 EVT24 EVT25 EVT26 EVT27 EVT28 EVT29 EVT210 EVT211 EVT212 EVT213 EVT214
EVT215 EVT216 EVT217
EVT218 EVT219 EVT220 EVT221 EVT222 EVT223 EVT224 EVT225 EVT226 EVT227 EVT228
/SCALE('ALL VARIABLES') ALL
/MODEL=SPLIT.

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Reliability

Notes

Output Created	14-AUG-2017 16:56:51
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UPRM Classroom Observation Instrument Internal Reliability Output

Comments		C:\Users\Janet\Desktop\CEA P RELIABILITY STUDY.sav
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	Matrix Input	
	Definition of Missing	User-defined missing values are treated as missing.
Missing Value Handling	Cases Used	Statistics are based on all cases with valid data for all variables in the procedure.
		RELIABILITY /VARIABLES=EV1 EV2 EV3 EV4 EV5 EV6 EV7 EV8 EV9 EV10 EV11 EV12 EV13 EV14 EV15 EV16 EV17 EV18 EV19 EV20 EV21 EV22 EV23 EV24 EV25 EV26 EV27 EV28 EVT21 EVT22 EVT23 EVT24 EVT25 EVT26 EVT27 EVT28 EVT29 EVT210 EVT211 EVT212 EVT213 EVT214 EVT215 EVT216 EVT217 EVT218 EVT219 EVT220 EVT221 EVT222 EVT223 EVT224 EVT225 EVT226 EVT227 EVT228 /SCALE('ALL VARIABLES') ALL /MODEL=SPLIT.
Syntax		
Resources	Processor Time	00:00:00.00

Notes

Resources	Elapsed Time	00:00:00.00
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UPRM Classroom Observation Instrument Internal Reliability Output

[DataSet0] C:\Users\Janet\Desktop\CEAP RELIABILITY STUDY.sav

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	31	100.0
	Excluded ^a	0	.0
	Total	31	100.0

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

Reliability Statistics

Cronbach's Alpha	Part 1	Value	.953
		N of Items	28 ^a
	Part 2	Value	.953
		N of Items	28 ^b
Total N of Items			56
Correlation Between Forms			.730
Spearman-Brown Coefficient	Equal Length		.844
	Unequal Length		.844
Guttman Split-Half Coefficient			.839

a. The items are: EV1, EV2, EV3, EV4, EV5, EV6, EV7, EV8, EV9, EV10, EV11, EV12, EV13, EV14, EV15, EV16, EV17, EV18, EV19, EV20, EV21, EV22, EV23, EV24, EV25, EV26, EV27, EV28.

UPRM Classroom Observation Instrument Internal Reliability Output

b. The items are: EVT21, EVT22, EVT23, EVT24, EVT25, EVT26,
EVT27, EVT28, EVT29, EVT210, EVT211, EVT212, EVT213,
EVT214, EVT215, EVT216, EVT217, EVT218, EVT219, EVT220,
EVT221, EVT222, EVT223, EVT224, EVT225, EVT226, EVT227,
EVT228.

RELIABILITY

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/VARIABLES=EV1 EV2 EV3 EV4 EV5 EV6 EV7 EV8 EV9 EV10 EV11 EV12 EV13 EV14 EV15
EV16 EV17 EV18 EV19 EV20 EV21 EV22 EV23 EV24 EV25 EV26 EV27 EV28 EVT21 EVT22
EVT23 EVT24 EVT25 EVT26 EVT27 EVT28 EVT29 EVT210 EVT211 EVT212 EVT213 EVT214
EVT215 EVT216 EVT217
EVT218 EVT219 EVT220 EVT221 EVT222 EVT223 EVT224 EVT225 EVT226 EVT227 EVT228
/SCALE('ALL VARIABLES') ALL
/MODEL=ALPHA
/STATISTICS=CORR
/SUMMARY=TOTAL.

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Reliability

Notes	
Output Created	14-AUG-2017 17:05:54
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	P RELIABILITY STUDY.sav
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Input	<none>
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	31
	User-defined missing values
	are treated as missing.
Missing Value Handling	Statistics are based on all
	cases with valid data for all
	variables in the procedure.

UPRM Classroom Observation Instrument Internal Reliability Output

Notes

Syntax	<pre> RELIABILITY /VARIABLES=EV1 EV2 EV3 EV4 EV5 EV6 EV7 EV8 EV9 EV10 EV11 EV12 EV13 EV14 EV15 EV16 EV17 EV18 EV19 EV20 EV21 EV22 EV23 EV24 EV25 EV26 EV27 EV28 EVT21 EVT22 EVT23 EVT24 EVT25 EVT26 EVT27 EVT28 EVT29 EVT210 EVT211 EVT212 EVT213 EVT214 EVT215 EVT216 EVT217 EVT218 EVT219 EVT220 EVT221 EVT222 EVT223 EVT224 EVT225 EVT226 EVT227 EVT228 /SCALE('ALL VARIABLES') ALL /MODEL=ALPHA /STATISTICS=CORR /SUMMARY=TOTAL. </pre>				
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Processor Time	00:00:00.05				
Elapsed Time	00:00:00.02				

[DataSet0] C:\Users\Janet\Desktop\CEAP RELIABILITY STUDY.sav

Warnings

The determinant of the covariance matrix is zero or approximately zero. Statistics based on its inverse matrix cannot be computed and they are displayed as system missing values.

UPRM Classroom Observation Instrument
Internal Reliability Output

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	31	100.0
	Excluded ^a	0	.0
	Total	31	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
.970	.972	56

Inter-Item Correlation Matrix

	EV1	EV2	EV3	EV4	EV5	EV6	EV7	EV8
EV1	1.000	.809	.593	.211	.354	.460	.614	.211
EV2	.809	1.000	.592	.226	.196	.340	.619	.023
EV3	.593	.592	1.000	.499	.456	.674	.811	.579
EV4	.211	.226	.499	1.000	.872	.294	.580	.394
EV5	.354	.196	.456	.872	1.000	.334	.519	.442
EV6	.460	.340	.674	.294	.334	1.000	.600	.533
EV7	.614	.619	.811	.580	.519	.600	1.000	.484
EV8	.211	.023	.579	.394	.442	.533	.484	1.000
EV9	.466	.338	.767	.540	.579	.493	.591	.798
EV10	.450	.403	.800	.255	.302	.669	.713	.633
EV11	.484	.566	.892	.388	.342	.713	.759	.467
EV12	.293	.215	.674	.201	.252	.800	.570	.674
EV13	.324	.305	.721	.619	.483	.397	.609	.700
EV14	.576	.710	.569	.366	.266	.298	.534	.366

**UPRM Classroom Observation Instrument
Internal Reliability Output**

EV15	.410	.367	.729	.490	.532	.452	.649	.576
EV16	.209	.092	.655	.330	.391	.597	.570	.818
EV17	.573	.496	.796	.700	.644	.546	.790	.538
EV18	.530	.600	.772	.528	.486	.570	.710	.356
EV19	.777	.512	.417	.060	.222	.525	.425	.340
EV20	.616	.563	.691	.326	.227	.340	.599	.407
EV21	.562	.633	.362	.190	.084	.185	.334	.265
EV22	.585	.600	.458	.452	.343	.218	.505	.175
EV23	.410	.539	.277	.092	.022	.264	.287	.177
EV24	.481	.646	.433	.393	.235	.216	.524	.079
EV25	.337	.365	.142	-.174	-.237	.064	.121	.275
EV26	.398	.525	.142	.087	.028	-.029	.110	-.036
EV27	.450	.394	.260	-.015	-.009	.255	.232	.453
EV28	.573	.686	.274	-.031	-.083	.248	.338	.131
EVT21	.504	.441	.484	.403	.407	.285	.492	.298
EVT22	.566	.543	.494	.352	.347	.317	.479	.155
EVT23	.380	.332	.364	.303	.307	.070	.283	.145
EVT24	.384	.384	.160	.425	.447	.038	.275	-.007

Inter-Item Correlation Matrix

	EV9	EV10	EV11	EV12	EV13	EV14	EV15	EV16
EV1	.466	.450	.484	.293	.324	.576	.410	.209
EV2	.338	.403	.566	.215	.305	.710	.367	.092
EV3	.767	.800	.892	.674	.721	.569	.729	.655
EV4	.540	.255	.388	.201	.619	.366	.490	.330
EV5	.579	.302	.342	.252	.483	.266	.532	.391
EV6	.493	.669	.713	.800	.397	.298	.452	.597
EV7	.591	.713	.759	.570	.609	.534	.649	.570
EV8	.798	.633	.467	.674	.700	.366	.576	.818
EV9	1.000	.585	.649	.542	.780	.537	.788	.709
EV10	.585	1.000	.760	.847	.471	.269	.630	.816
EV11	.649	.760	1.000	.723	.600	.551	.771	.625
EV12	.542	.847	.723	1.000	.352	.206	.584	.856
EV13	.780	.471	.600	.352	1.000	.580	.671	.541
EV14	.537	.269	.551	.206	.580	1.000	.401	.103
EV15	.788	.630	.771	.584	.671	.401	1.000	.743
EV16	.709	.816	.625	.856	.541	.103	.743	1.000
EV17	.619	.648	.750	.530	.695	.580	.671	.541
EV18	.579	.584	.659	.440	.563	.501	.617	.391
EV19	.266	.521	.310	.447	.161	.334	.197	.333

**UPRM Classroom Observation Instrument
Internal Reliability Output**

EV20	.668	.403	.602	.337	.640	.599	.606	.409
EV21	.466	.139	.265	.011	.463	.791	.127	-.052
EV22	.495	.159	.445	.075	.586	.647	.602	.127
EV23	.216	.130	.212	.116	.414	.559	.202	.074
EV24	.390	.086	.361	.000	.517	.644	.312	.000
EV25	.227	-.005	.082	-.016	.392	.615	.069	-.049
EV26	.214	-.168	.144	-.238	.383	.685	.212	-.252
EV27	.467	.201	.267	.195	.465	.641	.276	.180
EV28	.216	.117	.301	.086	.313	.728	.187	-.009
EVT21	.523	.339	.491	.218	.423	.527	.517	.202
EVT22	.340	.376	.492	.274	.310	.603	.343	.071
EVT23	.316	.169	.225	.078	.318	.469	.233	.063
EVT24	.173	-.072	-.016	-.217	.255	.374	.041	-.185

Inter-Item Correlation Matrix

	EV17	EV18	EV19	EV20	EV21	EV22	EV23	EV24
EV1	.573	.530	.777	.616	.562	.585	.410	.481
EV2	.496	.600	.512	.563	.633	.600	.539	.646
EV3	.796	.772	.417	.691	.362	.458	.277	.433
EV4	.700	.528	.060	.326	.190	.452	.092	.393
EV5	.644	.486	.222	.227	.084	.343	.022	.235
EV6	.546	.570	.525	.340	.185	.218	.264	.216
EV7	.790	.710	.425	.599	.334	.505	.287	.524
EV8	.538	.356	.340	.407	.265	.175	.177	.079
EV9	.619	.579	.266	.668	.466	.495	.216	.390
EV10	.648	.584	.521	.403	.139	.159	.130	.086
EV11	.750	.659	.310	.602	.265	.445	.212	.361
EV12	.530	.440	.447	.337	.011	.075	.116	.000
EV13	.695	.563	.161	.640	.463	.586	.414	.517
EV14	.580	.501	.334	.599	.791	.647	.559	.644
EV15	.671	.617	.197	.606	.127	.602	.202	.312
EV16	.541	.391	.333	.409	-.052	.127	.074	.000
EV17	1.000	.644	.512	.565	.323	.586	.176	.369
EV18	.644	1.000	.314	.387	.381	.618	.357	.547
EV19	.512	.314	1.000	.363	.374	.269	.299	.085
EV20	.565	.387	.363	1.000	.489	.673	.401	.584
EV21	.323	.381	.374	.489	1.000	.548	.515	.610
EV22	.586	.618	.269	.673	.548	1.000	.521	.753
EV23	.176	.357	.299	.401	.515	.521	1.000	.689
EV24	.369	.547	.085	.584	.610	.753	.689	1.000

**UPRM Classroom Observation Instrument
Internal Reliability Output**

EV25	.041	.134	.244	.479	.624	.449	.608	.475
EV26	.153	.333	.149	.412	.657	.729	.648	.669
EV27	.289	.270	.355	.387	.713	.531	.609	.510
EV28	.236	.240	.424	.565	.674	.586	.809	.665
EVT21	.521	.511	.285	.530	.437	.594	.171	.381
EVT22	.586	.542	.396	.344	.473	.506	.207	.357
EVT23	.393	.228	.300	.473	.329	.364	.129	.287
EVT24	.255	.340	.210	.158	.460	.360	.197	.392

Inter-Item Correlation Matrix

	EV25	EV26	EV27	EV28	EVT21	EVT22	EVT23	EVT24
EV1	.337	.398	.450	.573	.504	.566	.380	.384
EV2	.365	.525	.394	.686	.441	.543	.332	.384
EV3	.142	.142	.260	.274	.484	.494	.364	.160
EV4	-.174	.087	-.015	-.031	.403	.352	.303	.425
EV5	-.237	.028	-.009	-.083	.407	.347	.307	.447
EV6	.064	-.029	.255	.248	.285	.317	.070	.038
EV7	.121	.110	.232	.338	.492	.479	.283	.275
EV8	.275	-.036	.453	.131	.298	.155	.145	-.007
EV9	.227	.214	.467	.216	.523	.340	.316	.173
EV10	-.005	-.168	.201	.117	.339	.376	.169	-.072
EV11	.082	.144	.267	.301	.491	.492	.225	-.016
EV12	-.016	-.238	.195	.086	.218	.274	.078	-.217
EV13	.392	.383	.465	.313	.423	.310	.318	.255
EV14	.615	.685	.641	.728	.527	.603	.469	.374
EV15	.069	.212	.276	.187	.517	.343	.233	.041
EV16	-.049	-.252	.180	-.009	.202	.071	.063	-.185
EV17	.041	.153	.289	.236	.521	.586	.393	.255
EV18	.134	.333	.270	.240	.511	.542	.228	.340
EV19	.244	.149	.355	.424	.285	.396	.300	.210
EV20	.479	.412	.387	.565	.530	.344	.473	.158
EV21	.624	.657	.713	.674	.437	.473	.329	.460
EV22	.449	.729	.531	.586	.594	.506	.364	.360
EV23	.608	.648	.609	.809	.171	.207	.129	.197
EV24	.475	.669	.510	.665	.381	.357	.287	.392
EV25	1.000	.736	.626	.743	.248	.181	.255	.196
EV26	.736	1.000	.527	.729	.367	.351	.389	.442
EV27	.626	.527	1.000	.641	.326	.326	.074	.064
EV28	.743	.729	.641	1.000	.324	.310	.244	.255
EVT21	.248	.367	.326	.324	1.000	.841	.466	.333

**UPRM Classroom Observation Instrument
Internal Reliability Output**

EVT22	.181	.351	.326	.310	.841	1.000	.544	.395
EVT23	.255	.389	.074	.244	.466	.544	1.000	.646
EVT24	.196	.442	.064	.255	.333	.395	.646	1.000

Inter-Item Correlation Matrix

	EVT25	EVT26	EVT27	EVT28	EVT29	EVT210	EVT211	EVT212
EV1	.416	.376	.427	.154	.108	.335	.498	.449
EV2	.303	.392	.273	.038	-.015	.340	.494	.450
EV3	.261	.500	.257	.155	.233	.713	.603	.650
EV4	.556	.493	.470	.270	.325	.484	.439	.497
EV5	.628	.419	.494	.272	.333	.383	.355	.397
EV6	.041	.156	.356	.152	.041	.371	.358	.392
EV7	.382	.564	.398	.076	.204	.665	.714	.743
EV8	.144	.225	.203	.381	.524	.603	.439	.497
EV9	.283	.452	.278	.389	.549	.654	.536	.578
EV10	.049	.185	.132	.059	.158	.569	.425	.466
EV11	.103	.435	.282	.056	.059	.624	.528	.446
EV12	-.122	.069	.104	.055	.148	.421	.263	.298
EV13	.393	.493	.361	.382	.368	.691	.526	.536
EV14	.393	.533	.432	.331	.343	.569	.670	.553
EV15	.209	.435	.252	.053	.242	.635	.387	.299
EV16	-.006	.114	.019	.045	.232	.503	.288	.354
EV17	.470	.493	.486	.172	.181	.691	.635	.536
EV18	.299	.508	.360	.161	.233	.618	.471	.523
EV19	.287	.149	.368	.151	.083	.292	.417	.382
EV20	.254	.444	.168	.127	.248	.563	.544	.537
EV21	.266	.425	.405	.521	.452	.417	.579	.538
EV22	.397	.473	.423	.138	.157	.479	.428	.286
EV23	.200	.177	.134	-.017	-.047	.252	.175	.230
EV24	.375	.406	.243	.101	.091	.322	.423	.459
EV25	.099	.172	.142	.373	.311	.240	.285	.229
EV26	.357	.368	.361	.314	.205	.238	.306	.159
EV27	.107	.156	.233	.233	.195	.342	.305	.212
EV28	.160	.241	.235	.068	-.006	.247	.416	.299
EVT21	.519	.608	.585	.396	.460	.527	.482	.390
EVT22	.553	.527	.637	.384	.350	.424	.435	.319
EVT23	.692	.376	.441	.400	.437	.289	.470	.409
EVT24	.688	.406	.608	.525	.413	.128	.431	.382

Inter-Item Correlation Matrix

**UPRM Classroom Observation Instrument
Internal Reliability Output**

	EVT213	EVT214	EVT215	EVT216	EVT217	EVT218	EVT219	EVT220
EV1	.073	.407	.335	.350	.196	.396	.546	.359
EV2	.049	.245	.340	.187	.124	.296	.503	.362
EV3	.303	.472	.605	.457	.563	.432	.518	.629
EV4	.285	.445	.603	.405	.525	.318	.453	.283
EV5	.207	.466	.501	.434	.524	.333	.457	.191
EV6	.035	.187	.262	.207	.411	.134	.169	.299
EV7	.314	.489	.534	.524	.600	.464	.544	.585
EV8	.562	.589	.484	.526	.525	.318	.266	.508
EV9	.510	.653	.654	.614	.528	.467	.560	.569
EV10	.142	.379	.311	.378	.577	.271	.303	.478
EV11	.148	.230	.515	.376	.492	.353	.439	.547
EV12	.127	.354	.292	.345	.487	.141	.092	.333
EV13	.539	.570	.691	.472	.433	.504	.553	.726
EV14	.528	.430	.677	.447	.242	.402	.556	.568
EV15	.221	.487	.635	.583	.444	.553	.554	.659
EV16	.184	.449	.370	.386	.493	.206	.180	.397
EV17	.193	.435	.691	.472	.587	.408	.553	.515
EV18	.207	.466	.501	.434	.524	.538	.550	.639
EV19	-.071	.200	.164	.139	.111	.143	.153	.188
EV20	.353	.417	.563	.427	.093	.394	.474	.559
EV21	.484	.384	.417	.349	.170	.363	.471	.438
EV22	.177	.429	.605	.423	.101	.526	.630	.595
EV23	.197	.307	.252	.083	-.092	.219	.244	.442
EV24	.251	.392	.430	.219	.074	.280	.510	.409
EV25	.506	.292	.240	.205	-.291	.298	.222	.508
EV26	.251	.187	.406	.149	-.292	.353	.394	.463
EV27	.367	.416	.342	.325	.171	.298	.392	.440
EV28	.193	.165	.247	.132	-.181	.215	.289	.409
EVT21	.411	.292	.383	.656	.390	.582	.666	.492
EVT22	.331	.352	.424	.584	.467	.485	.645	.408
EVT23	.393	.351	.613	.384	.144	.251	.502	.268
EVT24	.330	.335	.424	.331	.181	.368	.531	.231

Inter-Item Correlation Matrix

	EVT221	EVT222	EVT223	EVT224	EVT225	EVT226	EVT227	EVT228
EV1	.553	.446	.308	.277	.258	.232	.329	.304
EV2	.413	.507	.439	.410	.182	.360	.241	.448
EV3	.603	.563	.112	.070	.109	.025	.173	.080
EV4	.301	.525	.230	.193	.161	.243	.120	.214

**UPRM Classroom Observation Instrument
Internal Reliability Output**

EV5	.323	.362	.123	.027	.115	.107	.072	.063
EV6	.582	.111	-.176	-.011	-.195	-.200	-.173	-.180
EV7	.649	.600	.170	.167	.189	.109	.167	.198
EV8	.589	.279	-.050	-.125	.255	-.043	.226	-.004
EV9	.653	.609	.259	.202	.305	.216	.398	.194
EV10	.535	.221	-.209	-.291	-.129	-.341	-.090	-.213
EV11	.626	.492	.079	.151	.067	-.011	.129	.042
EV12	.511	.130	-.322	-.249	-.183	-.403	-.153	-.287
EV13	.570	.587	.372	.284	.471	.323	.495	.332
EV14	.561	.689	.564	.527	.526	.576	.521	.682
EV15	.630	.606	.295	.177	.256	.161	.340	.128
EV16	.449	.217	-.211	-.268	-.034	-.280	.004	-.276
EV17	.570	.587	.110	.104	.206	.144	.196	.128
EV18	.608	.524	.262	.217	-.073	.202	-.034	.171
EV19	.355	.111	-.085	-.131	.013	-.036	.044	-.011
EV20	.550	.775	.479	.515	.578	.447	.674	.432
EV21	.507	.523	.499	.496	.383	.537	.469	.652
EV22	.582	.797	.700	.741	.460	.700	.536	.585
EV23	.307	.305	.515	.438	.314	.380	.337	.521
EV24	.392	.668	.635	.752	.343	.605	.386	.591
EV25	.416	.344	.547	.520	.646	.549	.624	.614
EV26	.289	.520	.769	.705	.500	.771	.561	.722
EV27	.572	.348	.380	.429	.405	.395	.448	.443
EV28	.435	.433	.569	.583	.471	.502	.495	.638
EVT21	.640	.686	.510	.480	.453	.327	.502	.496
EVT22	.516	.559	.355	.317	.269	.171	.307	.445
EVT23	.089	.592	.448	.246	.427	.420	.475	.473
EVT24	.156	.385	.489	.261	.281	.468	.286	.502

Inter-Item Correlation Matrix

	EV1	EV2	EV3	EV4	EV5	EV6	EV7	EV8
EVT25	.416	.303	.261	.556	.628	.041	.382	.144
EVT26	.376	.392	.500	.493	.419	.156	.564	.225
EVT27	.427	.273	.257	.470	.494	.356	.398	.203
EVT28	.154	.038	.155	.270	.272	.152	.076	.381
EVT29	.108	-.015	.233	.325	.333	.041	.204	.524
EVT210	.335	.340	.713	.484	.383	.371	.665	.603
EVT211	.498	.494	.603	.439	.355	.358	.714	.439
EVT212	.449	.450	.650	.497	.397	.392	.743	.497
EVT213	.073	.049	.303	.285	.207	.035	.314	.562

**UPRM Classroom Observation Instrument
Internal Reliability Output**

EVT214	.407	.245	.472	.445	.466	.187	.489	.589
EVT215	.335	.340	.605	.603	.501	.262	.534	.484
EVT216	.350	.187	.457	.405	.434	.207	.524	.526
EVT217	.196	.124	.563	.525	.524	.411	.600	.525
EVT218	.396	.296	.432	.318	.333	.134	.464	.318
EVT219	.546	.503	.518	.453	.457	.169	.544	.266
EVT220	.359	.362	.629	.283	.191	.299	.585	.508
EVT221	.553	.413	.603	.301	.323	.582	.649	.589
EVT222	.446	.507	.563	.525	.362	.111	.600	.279
EVT223	.308	.439	.112	.230	.123	-.176	.170	-.050
EVT224	.277	.410	.070	.193	.027	-.011	.167	-.125
EVT225	.258	.182	.109	.161	.115	-.195	.189	.255
EVT226	.232	.360	.025	.243	.107	-.200	.109	-.043
EVT227	.329	.241	.173	.120	.072	-.173	.167	.226
EVT228	.304	.448	.080	.214	.063	-.180	.198	-.004

Inter-Item Correlation Matrix

	EV9	EV10	EV11	EV12	EV13	EV14	EV15	EV16
EVT25	.283	.049	.103	-.122	.393	.393	.209	-.006
EVT26	.452	.185	.435	.069	.493	.533	.435	.114
EVT27	.278	.132	.282	.104	.361	.432	.252	.019
EVT28	.389	.059	.056	.055	.382	.331	.053	.045
EVT29	.549	.158	.059	.148	.368	.343	.242	.232
EVT210	.654	.569	.624	.421	.691	.569	.635	.503
EVT211	.536	.425	.528	.263	.526	.670	.387	.288
EVT212	.578	.466	.446	.298	.536	.553	.299	.354
EVT213	.510	.142	.148	.127	.539	.528	.221	.184
EVT214	.653	.379	.230	.354	.570	.430	.487	.449
EVT215	.654	.311	.515	.292	.691	.677	.635	.370
EVT216	.614	.378	.376	.345	.472	.447	.583	.386
EVT217	.528	.577	.492	.487	.433	.242	.444	.493
EVT218	.467	.271	.353	.141	.504	.402	.553	.206
EVT219	.560	.303	.439	.092	.553	.556	.554	.180
EVT220	.569	.478	.547	.333	.726	.568	.659	.397
EVT221	.653	.535	.626	.511	.570	.561	.630	.449
EVT222	.609	.221	.492	.130	.587	.689	.606	.217
EVT223	.259	-.209	.079	-.322	.372	.564	.295	-.211
EVT224	.202	-.291	.151	-.249	.284	.527	.177	-.268
EVT225	.305	-.129	.067	-.183	.471	.526	.256	-.034
EVT226	.216	-.341	-.011	-.403	.323	.576	.161	-.280

UPRM Classroom Observation Instrument
Internal Reliability Output

EVT227	.398	-.090	.129	-.153	.495	.521	.340	.004
EVT228	.194	-.213	.042	-.287	.332	.682	.128	-.276

Inter-Item Correlation Matrix

	EV17	EV18	EV19	EV20	EV21	EV22	EV23	EV24
EVT25	.470	.299	.287	.254	.266	.397	.200	.375
EVT26	.493	.508	.149	.444	.425	.473	.177	.406
EVT27	.486	.360	.368	.168	.405	.423	.134	.243
EVT28	.172	.161	.151	.127	.521	.138	-.017	.101
EVT29	.181	.233	.083	.248	.452	.157	-.047	.091
EVT210	.691	.618	.292	.563	.417	.479	.252	.322
EVT211	.635	.471	.417	.544	.579	.428	.175	.423
EVT212	.536	.523	.382	.537	.538	.286	.230	.459
EVT213	.193	.207	-.071	.353	.484	.177	.197	.251
EVT214	.435	.466	.200	.417	.384	.429	.307	.392
EVT215	.691	.501	.164	.563	.417	.605	.252	.430
EVT216	.472	.434	.139	.427	.349	.423	.083	.219
EVT217	.587	.524	.111	.093	.170	.101	-.092	.074
EVT218	.408	.538	.143	.394	.363	.526	.219	.280
EVT219	.553	.550	.153	.474	.471	.630	.244	.510
EVT220	.515	.639	.188	.559	.438	.595	.442	.409
EVT221	.570	.608	.355	.550	.507	.582	.307	.392
EVT222	.587	.524	.111	.775	.523	.797	.305	.668
EVT223	.110	.262	-.085	.479	.499	.700	.515	.635
EVT224	.104	.217	-.131	.515	.496	.741	.438	.752
EVT225	.206	-.073	.013	.578	.383	.460	.314	.343
EVT226	.144	.202	-.036	.447	.537	.700	.380	.605
EVT227	.196	-.034	.044	.674	.469	.536	.337	.386
EVT228	.128	.171	-.011	.432	.652	.585	.521	.591

Inter-Item Correlation Matrix

	EV25	EV26	EV27	EV28	EVT21	EVT22	EVT23	EVT24
EVT25	.099	.357	.107	.160	.519	.553	.692	.688
EVT26	.172	.368	.156	.241	.608	.527	.376	.406
EVT27	.142	.361	.233	.235	.585	.637	.441	.608
EVT28	.373	.314	.233	.068	.396	.384	.400	.525
EVT29	.311	.205	.195	-.006	.460	.350	.437	.413
EVT210	.240	.238	.342	.247	.527	.424	.289	.128
EVT211	.285	.306	.305	.416	.482	.435	.470	.431
EVT212	.229	.159	.212	.299	.390	.319	.409	.382

**UPRM Classroom Observation Instrument
Internal Reliability Output**

EVT213	.506	.251	.367	.193	.411	.331	.393	.330
EVT214	.292	.187	.416	.165	.292	.352	.351	.335
EVT215	.240	.406	.342	.247	.383	.424	.613	.424
EVT216	.205	.149	.325	.132	.656	.584	.384	.331
EVT217	-.291	-.292	.171	-.181	.390	.467	.144	.181
EVT218	.298	.353	.298	.215	.582	.485	.251	.368
EVT219	.222	.394	.392	.289	.666	.645	.502	.531
EVT220	.508	.463	.440	.409	.492	.408	.268	.231
EVT221	.416	.289	.572	.435	.640	.516	.089	.156
EVT222	.344	.520	.348	.433	.686	.559	.592	.385
EVT223	.547	.769	.380	.569	.510	.355	.448	.489
EVT224	.520	.705	.429	.583	.480	.317	.246	.261
EVT225	.646	.500	.405	.471	.453	.269	.427	.281
EVT226	.549	.771	.395	.502	.327	.171	.420	.468
EVT227	.624	.561	.448	.495	.502	.307	.475	.286
EVT228	.614	.722	.443	.638	.496	.445	.473	.502

Inter-Item Correlation Matrix

	EVT25	EVT26	EVT27	EVT28	EVT29	EVT210	EVT211	EVT212
EVT25	1.000	.475	.584	.329	.313	.280	.430	.443
EVT26	.475	1.000	.668	.438	.455	.736	.752	.606
EVT27	.584	.668	1.000	.656	.373	.371	.586	.321
EVT28	.329	.438	.656	1.000	.758	.280	.406	.289
EVT29	.313	.455	.373	.758	1.000	.479	.420	.484
EVT210	.280	.736	.371	.280	.479	1.000	.723	.668
EVT211	.430	.752	.586	.406	.420	.723	1.000	.844
EVT212	.443	.606	.321	.289	.484	.668	.844	1.000
EVT213	.306	.479	.289	.574	.798	.528	.440	.521
EVT214	.340	.301	.229	.340	.582	.430	.299	.392
EVT215	.505	.492	.371	.280	.479	.677	.564	.496
EVT216	.319	.555	.457	.426	.727	.612	.435	.387
EVT217	.241	.405	.354	.207	.367	.540	.408	.450
EVT218	.243	.640	.482	.376	.535	.589	.352	.281
EVT219	.553	.543	.523	.354	.411	.470	.431	.348
EVT220	.170	.562	.320	.262	.443	.773	.493	.435
EVT221	.066	.450	.451	.340	.416	.627	.492	.392
EVT222	.475	.658	.354	.207	.461	.652	.627	.570
EVT223	.430	.440	.334	.226	.285	.246	.248	.164
EVT224	.253	.307	.263	.132	.061	.093	.215	.120
EVT225	.409	.380	.277	.301	.375	.311	.299	.191

**UPRM Classroom Observation Instrument
Internal Reliability Output**

EVT226	.430	.346	.223	.174	.248	.273	.355	.269
EVT227	.369	.407	.281	.335	.410	.327	.295	.180
EVT228	.397	.484	.389	.333	.395	.287	.362	.271

Inter-Item Correlation Matrix

	EVT213	EVT214	EVT215	EVT216	EVT217	EVT218	EVT219	EVT220
EVT25	.306	.340	.505	.319	.241	.243	.553	.170
EVT26	.479	.301	.492	.555	.405	.640	.543	.562
EVT27	.289	.229	.371	.457	.354	.482	.523	.320
EVT28	.574	.340	.280	.426	.207	.376	.354	.262
EVT29	.798	.582	.479	.727	.367	.535	.411	.443
EVT210	.528	.430	.677	.612	.540	.589	.470	.773
EVT211	.440	.299	.564	.435	.408	.352	.431	.493
EVT212	.521	.392	.496	.387	.450	.281	.348	.435
EVT213	1.000	.641	.528	.734	.421	.568	.466	.603
EVT214	.641	1.000	.627	.744	.521	.545	.572	.566
EVT215	.528	.627	1.000	.612	.428	.448	.598	.620
EVT216	.734	.744	.612	1.000	.654	.819	.716	.699
EVT217	.421	.521	.428	.654	1.000	.469	.525	.404
EVT218	.568	.545	.448	.819	.469	1.000	.742	.806
EVT219	.466	.572	.598	.716	.525	.742	1.000	.561
EVT220	.603	.566	.620	.699	.404	.806	.561	1.000
EVT221	.488	.523	.430	.744	.521	.715	.572	.753
EVT222	.508	.521	.763	.654	.306	.566	.701	.617
EVT223	.415	.299	.437	.402	-.098	.546	.683	.463
EVT224	.208	.112	.266	.169	-.204	.232	.429	.222
EVT225	.644	.379	.440	.509	-.046	.495	.507	.478
EVT226	.314	.173	.533	.180	-.232	.237	.395	.311
EVT227	.594	.398	.472	.535	-.055	.537	.563	.512
EVT228	.570	.349	.435	.469	.040	.507	.560	.468

Inter-Item Correlation Matrix

	EVT221	EVT222	EVT223	EVT224	EVT225	EVT226	EVT227	EVT228
EVT25	.066	.475	.430	.253	.409	.430	.369	.397
EVT26	.450	.658	.440	.307	.380	.346	.407	.484
EVT27	.451	.354	.334	.263	.277	.223	.281	.389
EVT28	.340	.207	.226	.132	.301	.174	.335	.333
EVT29	.416	.461	.285	.061	.375	.248	.410	.395
EVT210	.627	.652	.246	.093	.311	.273	.327	.287
EVT211	.492	.627	.248	.215	.299	.355	.295	.362

**UPRM Classroom Observation Instrument
Internal Reliability Output**

EVT212	.392	.570	.164	.120	.191	.269	.180	.271
EVT213	.488	.508	.415	.208	.644	.314	.594	.570
EVT214	.523	.521	.299	.112	.379	.173	.398	.349
EVT215	.430	.763	.437	.266	.440	.533	.472	.435
EVT216	.744	.654	.402	.169	.509	.180	.535	.469
EVT217	.521	.306	-.098	-.204	-.046	-.232	-.055	.040
EVT218	.715	.566	.546	.232	.495	.237	.537	.507
EVT219	.572	.701	.683	.429	.507	.395	.563	.560
EVT220	.753	.617	.463	.222	.478	.311	.512	.468
EVT221	1.000	.521	.299	.324	.379	.173	.398	.349
EVT222	.521	1.000	.693	.638	.577	.667	.647	.654
EVT223	.299	.693	1.000	.781	.704	.791	.752	.858
EVT224	.324	.638	.781	1.000	.541	.773	.579	.690
EVT225	.379	.577	.704	.541	1.000	.592	.951	.732
EVT226	.173	.667	.791	.773	.592	1.000	.599	.712
EVT227	.398	.647	.752	.579	.951	.599	1.000	.743
EVT228	.349	.654	.858	.690	.732	.712	.743	1.000

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
EV1	162.5806	408.518	.663	.	.970
EV2	162.5161	411.191	.639	.	.970
EV3	162.7419	404.598	.739	.	.969
EV4	162.6452	411.037	.547	.	.970
EV5	162.6774	412.426	.488	.	.970
EV6	162.7097	412.946	.428	.	.970
EV7	162.8387	408.140	.741	.	.969
EV8	162.6452	411.170	.542	.	.970
EV9	162.7419	405.598	.762	.	.969
EV10	162.7097	414.080	.465	.	.970
EV11	162.7742	407.314	.639	.	.970
EV12	162.6774	416.759	.349	.	.970
EV13	162.8710	404.116	.777	.	.969
EV14	162.4839	402.191	.824	.	.969
EV15	162.7097	407.880	.669	.	.970
EV16	162.5806	416.318	.381	.	.970

**UPRM Classroom Observation Instrument
Internal Reliability Output**

EV17	162.8710	405.383	.728	.	.969
EV18	162.6774	407.559	.684	.	.969
EV19	162.4839	415.591	.395	.	.970
EV20	162.4516	404.589	.749	.	.969
EV21	162.6452	405.037	.677	.	.969
EV22	162.3871	406.712	.771	.	.969
EV23	162.0645	412.129	.489	.	.970
EV24	162.2258	406.514	.661	.	.970
EV25	162.0968	410.624	.482	.	.970
EV26	162.1935	404.961	.552	.	.970
EV27	162.1613	411.873	.557	.	.970
EV28	161.8710	409.649	.564	.	.970
EVT21	162.1613	410.006	.719	.	.969
EVT22	162.2581	410.398	.654	.	.970
EVT23	162.1613	409.873	.539	.	.970

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
EVT24	162.0000	415.400	.470	.	.970
EVT25	162.3226	411.026	.520	.	.970
EVT26	162.0323	408.632	.666	.	.970
EVT27	162.0323	415.766	.565	.	.970
EVT28	162.1935	416.695	.419	.	.970
EVT29	162.1290	414.049	.494	.	.970
EVT210	162.0645	411.462	.733	.	.969
EVT211	161.9355	411.596	.714	.	.970
EVT212	162.0000	413.733	.652	.	.970
EVT213	162.0645	411.262	.574	.	.970
EVT214	162.0645	415.396	.633	.	.970
EVT215	162.0645	411.062	.755	.	.969
EVT216	161.9677	412.499	.691	.	.970
EVT217	162.1935	413.295	.428	.	.970
EVT218	162.0645	411.062	.653	.	.970
EVT219	162.1613	407.340	.756	.	.969
EVT220	162.0323	410.432	.751	.	.969
EVT221	162.0645	413.662	.748	.	.970
EVT222	162.1935	403.028	.823	.	.969
EVT223	161.7419	406.665	.578	.	.970

UPRM Classroom Observation Instrument Internal Reliability Output

EVT224	161.8387	408.673	.463	.	.970
EVT225	161.7097	412.413	.538	.	.970
EVT226	161.6452	413.637	.489	.	.970
EVT227	161.6774	412.892	.585	.	.970
EVT228	161.6129	412.912	.598	.	.970

RELIABILITY

```

/VARIABLES=EVT21 EVT22 EVT23 EVT24 EVT25 EVT26 EVT27 EVT28 EVT29 EVT210
EVT211 EVT212 EVT213 EVT214 EVT215 EVT216 EVT217 EVT218 EVT219 EVT220 EVT221
EVT222 EVT223 EVT224 EVT225 EVT226 EVT227 EVT228
/SCALE('ALL VARIABLES') ALL
/MODEL=ALPHA.

```

INTERNAL RELIABILITY CAEP - EVALUATION 2

Notes

Output Created	14-AUG-2017 17:09:47
Comments	
Data	C:\Users\Janet\Desktop\CEA
Active Dataset	P RELIABILITY STUDY.sav
Filter	DataSet0
Weight	<none>
Split File	<none>
N of Rows in Working Data	31
File	
Matrix Input	
Definition of Missing	User-defined missing values are treated as missing.
Missing Value Handling	Statistics are based on all cases with valid data for all variables in the procedure.
Cases Used	

UPRM Classroom Observation Instrument Internal Reliability Output

Syntax	<pre> RELIABILITY /VARIABLES=EVT21 EVT22 EVT23 EVT24 EVT25 EVT26 EVT27 EVT28 EVT29 EVT210 EVT211 EVT212 EVT213 EVT214 EVT215 EVT216 EVT217 EVT218 EVT219 EVT220 EVT221 EVT222 EVT223 EVT224 EVT225 EVT226 EVT227 EVT228 /SCALE('ALL VARIABLES') ALL /MODEL=ALPHA. </pre>
Resources	<pre> Processor Time 00:00:00.00 Elapsed Time 00:00:00.00 </pre>

[DataSet0] C:\Users\Janet\Desktop\CEAP RELIABILITY STUDY.sav

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	31	100.0
	Excluded ^a	0	.0
	Total	31	100.0

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

Reliability Statistics

UPRM Classroom Observation Instrument Internal Reliability Output

Cronbach's Alpha	N of Items
.953	28

RELIABILITY

```

/VARIABLES=EVT21 EVT22 EVT23 EVT24 EVT25 EVT26 EVT27 EVT28 EVT29 EVT210
EVT211 EVT212 EVT213 EVT214 EVT215 EVT216 EVT217 EVT218 EVT219 EVT220 EVT221
EVT222 EVT223 EVT224 EVT225 EVT226 EVT227 EVT228
/SCALE('ALL VARIABLES') ALL
/MODEL=SPLIT.

```

Reliability

Notes

Output Created		14-AUG-2017 17:11:07
Comments		
Input	Data	C:\Users\Janet\Desktop\CEA P RELIABILITY STUDY.sav
	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data	31
	File	
	Matrix Input	
	Definition of Missing	User-defined missing values are treated as missing.
Missing Value Handling		Statistics are based on all cases with valid data for all variables in the procedure.
	Cases Used	

UPRM Classroom Observation Instrument Internal Reliability Output

Syntax	<pre> RELIABILITY /VARIABLES=EVT21 EVT22 EVT23 EVT24 EVT25 EVT26 EVT27 EVT28 EVT29 EVT210 EVT211 EVT212 EVT213 EVT214 EVT215 EVT216 EVT217 EVT218 EVT219 EVT220 EVT221 EVT222 EVT223 EVT224 EVT225 EVT226 EVT227 EVT228 /SCALE('ALL VARIABLES') ALL /MODEL=SPLIT. </pre>
Resources	<pre> Processor Time 00:00:00.00 Elapsed Time 00:00:00.01 </pre>

[DataSet0] C:\Users\Janet\Desktop\CEAP RELIABILITY STUDY.sav

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	31	100.0
	Excluded ^a	0	.0
	Total	31	100.0

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

Reliability Statistics

Cronbach's Alpha	Part 1	Value	.921
------------------	--------	-------	------

UPRM Classroom Observation Instrument Internal Reliability Output

	N of Items	14 ^a
	Value	.926
Part 2	N of Items	14 ^b
	Total N of Items	28
Correlation Between Forms		.764
Spearman-Brown Coefficient	Equal Length	.866
	Unequal Length	.866
Guttman Split-Half Coefficient		.863

a. The items are: EVT21, EVT22, EVT23, EVT24, EVT25, EVT26, EVT27, EVT28, EVT29, EVT210, EVT211, EVT212, EVT213, EVT214.

b. The items are: EVT215, EVT216, EVT217, EVT218, EVT219, EVT220, EVT221, EVT222, EVT223, EVT224, EVT225, EVT226, EVT227, EVT228.

RELIABILITY

```

/VARIABLES=EVT21 EVT22 EVT23 EVT24 EVT25 EVT26 EVT27 EVT28 EVT29 EVT210
EVT211 EVT212 EVT213 EVT214 EVT215 EVT216 EVT217 EVT218 EVT219 EVT220 EVT221
EVT222 EVT223 EVT224 EVT225 EVT226 EVT227 EVT228
/SCALE('ALL VARIABLES') ALL
/MODEL=ALPHA
/STATISTICS=CORR
/SUMMARY=TOTAL.

```

Reliability EVALUATION 3

Notes

Output Created	14-AUG-2017 17:14:21
Comments	
Data	C:\Users\Janet\Desktop\CEA P RELIABILITY STUDY.sav
Input	Active Dataset DataSet0
Filter	<none>
Weight	<none>
Split File	<none>

UPRM Classroom Observation Instrument Internal Reliability Output

	N of Rows in Working Data	31
	File	
	Matrix Input	
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the procedure.
Syntax		RELIABILITY
		/VARIABLES=EVT21
		EVT22 EVT23 EVT24
		EVT25 EVT26 EVT27
		EVT28 EVT29 EVT210
		EVT211 EVT212 EVT213
		EVT214 EVT215 EVT216
		EVT217 EVT218 EVT219
		EVT220 EVT221 EVT222
		EVT223 EVT224 EVT225
		EVT226 EVT227 EVT228
		/SCALE('ALL
	VARIABLES') ALL	
	/MODEL=ALPHA	
	/STATISTICS=CORR	
	/SUMMARY=TOTAL.	
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.00

[DataSet0] C:\Users\Janet\Desktop\CEAP RELIABILITY STUDY.sav

Scale: ALL VARIABLES

Case Processing Summary

	N	%
--	---	---

UPRM Classroom Observation Instrument Internal Reliability Output

	Valid	31	100.0
Cases	Excluded ^a	0	.0
	Total	31	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
.953	.957	28

Inter-Item Correlation Matrix

	EVT21	EVT22	EVT23	EVT24	EVT25	EVT26	EVT27	EVT28
EVT21	1.000	.841	.466	.333	.519	.608	.585	.396
EVT22	.841	1.000	.544	.395	.553	.527	.637	.384
EVT23	.466	.544	1.000	.646	.692	.376	.441	.400
EVT24	.333	.395	.646	1.000	.688	.406	.608	.525
EVT25	.519	.553	.692	.688	1.000	.475	.584	.329
EVT26	.608	.527	.376	.406	.475	1.000	.668	.438
EVT27	.585	.637	.441	.608	.584	.668	1.000	.656
EVT28	.396	.384	.400	.525	.329	.438	.656	1.000
EVT29	.460	.350	.437	.413	.313	.455	.373	.758
EVT210	.527	.424	.289	.128	.280	.736	.371	.280
EVT211	.482	.435	.470	.431	.430	.752	.586	.406
EVT212	.390	.319	.409	.382	.443	.606	.321	.289
EVT213	.411	.331	.393	.330	.306	.479	.289	.574
EVT214	.292	.352	.351	.335	.340	.301	.229	.340
EVT215	.383	.424	.613	.424	.505	.492	.371	.280
EVT216	.656	.584	.384	.331	.319	.555	.457	.426
EVT217	.390	.467	.144	.181	.241	.405	.354	.207
EVT218	.582	.485	.251	.368	.243	.640	.482	.376
EVT219	.666	.645	.502	.531	.553	.543	.523	.354
EVT220	.492	.408	.268	.231	.170	.562	.320	.262

**UPRM Classroom Observation Instrument
Internal Reliability Output**

EVT221	.640	.516	.089	.156	.066	.450	.451	.340
EVT222	.686	.559	.592	.385	.475	.658	.354	.207
EVT223	.510	.355	.448	.489	.430	.440	.334	.226
EVT224	.480	.317	.246	.261	.253	.307	.263	.132
EVT225	.453	.269	.427	.281	.409	.380	.277	.301
EVT226	.327	.171	.420	.468	.430	.346	.223	.174
EVT227	.502	.307	.475	.286	.369	.407	.281	.335
EVT228	.496	.445	.473	.502	.397	.484	.389	.333

Inter-Item Correlation Matrix

	EVT29	EVT210	EVT211	EVT212	EVT213	EVT214	EVT215	EVT216
EVT21	.460	.527	.482	.390	.411	.292	.383	.656
EVT22	.350	.424	.435	.319	.331	.352	.424	.584
EVT23	.437	.289	.470	.409	.393	.351	.613	.384
EVT24	.413	.128	.431	.382	.330	.335	.424	.331
EVT25	.313	.280	.430	.443	.306	.340	.505	.319
EVT26	.455	.736	.752	.606	.479	.301	.492	.555
EVT27	.373	.371	.586	.321	.289	.229	.371	.457
EVT28	.758	.280	.406	.289	.574	.340	.280	.426
EVT29	1.000	.479	.420	.484	.798	.582	.479	.727
EVT210	.479	1.000	.723	.668	.528	.430	.677	.612
EVT211	.420	.723	1.000	.844	.440	.299	.564	.435
EVT212	.484	.668	.844	1.000	.521	.392	.496	.387
EVT213	.798	.528	.440	.521	1.000	.641	.528	.734
EVT214	.582	.430	.299	.392	.641	1.000	.627	.744
EVT215	.479	.677	.564	.496	.528	.627	1.000	.612
EVT216	.727	.612	.435	.387	.734	.744	.612	1.000
EVT217	.367	.540	.408	.450	.421	.521	.428	.654
EVT218	.535	.589	.352	.281	.568	.545	.448	.819
EVT219	.411	.470	.431	.348	.466	.572	.598	.716
EVT220	.443	.773	.493	.435	.603	.566	.620	.699
EVT221	.416	.627	.492	.392	.488	.523	.430	.744
EVT222	.461	.652	.627	.570	.508	.521	.763	.654
EVT223	.285	.246	.248	.164	.415	.299	.437	.402
EVT224	.061	.093	.215	.120	.208	.112	.266	.169
EVT225	.375	.311	.299	.191	.644	.379	.440	.509
EVT226	.248	.273	.355	.269	.314	.173	.533	.180
EVT227	.410	.327	.295	.180	.594	.398	.472	.535
EVT228	.395	.287	.362	.271	.570	.349	.435	.469

UPRM Classroom Observation Instrument
Internal Reliability Output

Inter-Item Correlation Matrix

	EVT217	EVT218	EVT219	EVT220	EVT221	EVT222	EVT223	EVT224
EVT21	.390	.582	.666	.492	.640	.686	.510	.480
EVT22	.467	.485	.645	.408	.516	.559	.355	.317
EVT23	.144	.251	.502	.268	.089	.592	.448	.246
EVT24	.181	.368	.531	.231	.156	.385	.489	.261
EVT25	.241	.243	.553	.170	.066	.475	.430	.253
EVT26	.405	.640	.543	.562	.450	.658	.440	.307
EVT27	.354	.482	.523	.320	.451	.354	.334	.263
EVT28	.207	.376	.354	.262	.340	.207	.226	.132
EVT29	.367	.535	.411	.443	.416	.461	.285	.061
EVT210	.540	.589	.470	.773	.627	.652	.246	.093
EVT211	.408	.352	.431	.493	.492	.627	.248	.215
EVT212	.450	.281	.348	.435	.392	.570	.164	.120
EVT213	.421	.568	.466	.603	.488	.508	.415	.208
EVT214	.521	.545	.572	.566	.523	.521	.299	.112
EVT215	.428	.448	.598	.620	.430	.763	.437	.266
EVT216	.654	.819	.716	.699	.744	.654	.402	.169
EVT217	1.000	.469	.525	.404	.521	.306	-.098	-.204
EVT218	.469	1.000	.742	.806	.715	.566	.546	.232
EVT219	.525	.742	1.000	.561	.572	.701	.683	.429
EVT220	.404	.806	.561	1.000	.753	.617	.463	.222
EVT221	.521	.715	.572	.753	1.000	.521	.299	.324
EVT222	.306	.566	.701	.617	.521	1.000	.693	.638
EVT223	-.098	.546	.683	.463	.299	.693	1.000	.781
EVT224	-.204	.232	.429	.222	.324	.638	.781	1.000
EVT225	-.046	.495	.507	.478	.379	.577	.704	.541
EVT226	-.232	.237	.395	.311	.173	.667	.791	.773
EVT227	-.055	.537	.563	.512	.398	.647	.752	.579
EVT228	.040	.507	.560	.468	.349	.654	.858	.690

Inter-Item Correlation Matrix

	EVT225	EVT226	EVT227	EVT228
EVT21	.453	.327	.502	.496
EVT22	.269	.171	.307	.445
EVT23	.427	.420	.475	.473
EVT24	.281	.468	.286	.502
EVT25	.409	.430	.369	.397
EVT26	.380	.346	.407	.484
EVT27	.277	.223	.281	.389

**UPRM Classroom Observation Instrument
Internal Reliability Output**

EVT28	.301	.174	.335	.333
EVT29	.375	.248	.410	.395
EVT210	.311	.273	.327	.287
EVT211	.299	.355	.295	.362
EVT212	.191	.269	.180	.271
EVT213	.644	.314	.594	.570
EVT214	.379	.173	.398	.349
EVT215	.440	.533	.472	.435
EVT216	.509	.180	.535	.469
EVT217	-.046	-.232	-.055	.040
EVT218	.495	.237	.537	.507
EVT219	.507	.395	.563	.560
EVT220	.478	.311	.512	.468
EVT221	.379	.173	.398	.349
EVT222	.577	.667	.647	.654
EVT223	.704	.791	.752	.858
EVT224	.541	.773	.579	.690
EVT225	1.000	.592	.951	.732
EVT226	.592	1.000	.599	.712
EVT227	.951	.599	1.000	.743
EVT228	.732	.712	.743	1.000

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
EVT21	86.8710	97.383	.747	.	.951
EVT22	86.9677	97.832	.653	.	.951
EVT23	86.8710	96.516	.615	.	.952
EVT24	86.7097	99.213	.579	.	.952
EVT25	87.0323	97.166	.593	.	.952
EVT26	86.7419	96.265	.727	.	.951
EVT27	86.7419	100.065	.619	.	.952
EVT28	86.9032	100.024	.512	.	.953
EVT29	86.8387	98.206	.627	.	.952
EVT210	86.7742	99.114	.649	.	.952
EVT211	86.6452	98.970	.655	.	.951
EVT212	86.7097	100.213	.564	.	.952

UPRM Classroom Observation Instrument Internal Reliability Output

EVT213	86.7742	96.847	.698	.	.951
EVT214	86.7742	100.581	.597	.	.952
EVT215	86.7742	98.447	.726	.	.951
EVT216	86.6774	98.159	.776	.	.951
EVT217	86.9032	99.824	.376	.	.954
EVT218	86.7742	97.514	.718	.	.951
EVT219	86.8710	95.849	.803	.	.950
EVT220	86.7419	98.465	.686	.	.951
EVT221	86.7742	100.381	.624	.	.952
EVT222	86.9032	93.957	.848	.	.949
EVT223	86.4516	94.323	.688	.	.951
EVT224	86.5484	96.589	.476	.	.955
EVT225	86.4194	97.452	.659	.	.951
EVT226	86.3548	98.503	.569	.	.952
EVT227	86.3871	97.978	.695	.	.951
EVT228	86.3226	97.759	.734	.	.951

RELIABILITY

```

/VARIABLES=EVT31 EVT32 EVT33 EVT34 EVT35 EVT36 EVT37 EVT38 EVT39 EVT310
EVT311 EVT312 EVT313 EVT314 EVT315 EVT316 EVT317 EVT318 EVT319 EVT320 EVT321
EVT322 EVT323 EVT324 EVT325 EVT326 EVT327 EVT328
/SCALE('ALL VARIABLES') ALL
/MODEL=ALPHA.

```

Reliability

Notes

Output Created	14-AUG-2017 17:18:25
Comments	
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Input	DataSet0
Filter	<none>
Weight	<none>
Split File	<none>

UPRM Classroom Observation Instrument Internal Reliability Output

	N of Rows in Working Data	31
	File	
	Matrix Input	
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the procedure.
Syntax		RELIABILITY
		/VARIABLES=EVT31
		EVT32 EVT33 EVT34
		EVT35 EVT36 EVT37
		EVT38 EVT39 EVT310
		EVT311 EVT312 EVT313
		EVT314 EVT315 EVT316
		EVT317 EVT318 EVT319
		EVT320 EVT321 EVT322
		EVT323 EVT324 EVT325
	EVT326 EVT327 EVT328	
	/SCALE('ALL	
	VARIABLES') ALL	
	/MODEL=ALPHA.	
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.00

[DataSet0] C:\Users\Janet\Desktop\CEAP RELIABILITY STUDY.sav

Scale: ALL VARIABLES

		N	%
Cases	Valid	31	100.0
	Excluded ^a	0	.0

UPRM Classroom Observation Instrument Internal Reliability Output

Total	31	100.0
-------	----	-------

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

Reliability Statistics

Cronbach's Alpha	N of Items
.957	28

RELIABILITY

```

/VARIABLES=EVT31 EVT32 EVT33 EVT34 EVT35 EVT36 EVT37 EVT38 EVT39 EVT310
EVT311 EVT312 EVT313 EVT314 EVT315 EVT316 EVT317 EVT318 EVT319 EVT320 EVT321
EVT322 EVT323 EVT324 EVT325 EVT326 EVT327 EVT328
/SCALE('ALL VARIABLES') ALL
/MODEL=SPLIT.
  
```

Reliability

Notes

Output Created	14-AUG-2017 17:19:34
Comments	
Data	C:\Users\Janet\Desktop\CEA P RELIABILITY STUDY.sav
Active Dataset	DataSet0
Filter	<none>
Input	<none>
Weight	<none>
Split File	<none>
N of Rows in Working Data	31
File	
Matrix Input	
Missing Value Handling	User-defined missing values are treated as missing.
Definition of Missing	

UPRM Classroom Observation Instrument Internal Reliability Output

	Cases Used	Statistics are based on all cases with valid data for all variables in the procedure. RELIABILITY /VARIABLES=EVT31 EVT32 EVT33 EVT34 EVT35 EVT36 EVT37 EVT38 EVT39 EVT310 EVT311 EVT312 EVT313 EVT314 EVT315 EVT316 EVT317 EVT318 EVT319 EVT320 EVT321 EVT322 EVT323 EVT324 EVT325 EVT326 EVT327 EVT328 /SCALE('ALL VARIABLES') ALL /MODEL=SPLIT.
Syntax		
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.00

[DataSet0] C:\Users\Janet\Desktop\CEAP RELIABILITY STUDY.sav

Scale: ALL VARIABLES

		N	%
Cases	Valid	31	100.0
	Excluded ^a	0	.0
	Total	31	100.0

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

UPRM Classroom Observation Instrument Internal Reliability Output

Reliability Statistics

	Part 1	Value	.927
		N of Items	14 ^a
Cronbach's Alpha	Part 2	Value	.942
		N of Items	14 ^b
	Total N of Items		28
Correlation Between Forms			.705
Spearman-Brown Coefficient	Equal Length		.827
	Unequal Length		.827
Guttman Split-Half Coefficient			.826

a. The items are: EVT31, EVT32, EVT33, EVT34, EVT35, EVT36, EVT37, EVT38, EVT39, EVT310, EVT311, EVT312, EVT313, EVT314.

b. The items are: EVT315, EVT316, EVT317, EVT318, EVT319, EVT320, EVT321, EVT322, EVT323, EVT324, EVT325, EVT326, EVT327, EVT328.

```
COMPUTE CAEPEV1=EV1 + EV2 + EV3 + EV4 + EV5 + EV6 + EV7 + EV8 + EV9 + EV10 +
EV11 + EV12 + EV13 + EV14 + EV15 + EV16 + EV17 + EV18 + EV19 + EV20 + EV21 +
EV22 + EV23 + EV24 + EV25 + EV26 + EV27 + EV28.
```

```
EXECUTE.
```

```
COMPUTE CAEPEV2=EVT21 + EVT22 + EVT23 + EVT24 + EVT25 + EVT26 + EVT27 + EVT28
+ EVT29 + EVT210 + EVT211 + EVT212 + EVT213 + EVT214 + EVT215 + EVT216 +
EVT217 + EVT218 + EVT219 + EVT220 + EVT221 + EVT222 + EVT223 + EVT224 + EVT225
+ EVT226 + EVT227 +
```

```
EVT228.
```

```
EXECUTE.
```

```
COMPUTE CAEPEV3=EVT31 + EVT32 + EVT33 + EVT34 + EVT35 + EVT36 + EVT37 + EVT38
+ EVT39 + EVT310 + EVT311 + EVT312 + EVT313 + EVT314 + EVT315 + EVT316 +
EVT317 + EVT318 + EVT319 + EVT320 + EVT321 + EVT322 + EVT323 + EVT324 + EVT325
+ EVT326 + EVT327 +
```

```
EVT328.
```

```
EXECUTE.
```

```
CORRELATIONS
```

```
  /VARIABLES=CAEPEV1 CAEPEV2 CAEPEV3
```

```
  /PRINT=TWOTAIL NOSIG
```

```
  /MISSING=PAIRWISE.
```

Correlations

UPRM Classroom Observation Instrument Internal Reliability Output

Notes

Output Created	14-AUG-2017 17:29:27
Comments	
Input	C:\Users\Janet\Desktop\CEAP RELIABILITY STUDY.sav Data Active Dataset DataSet0 Filter <none> Weight <none> Split File <none> N of Rows in Working Data 31 File Definition of Missing User-defined missing values are treated as missing.
Missing Value Handling	Statistics for each pair of variables are based on all the cases with valid data for that pair.
Syntax	CORRELATIONS /VARIABLES=CAEPEV1 CAEPEV2 CAEPEV3 /PRINT=TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time 00:00:00.06 Elapsed Time 00:00:00.04

[DataSet0] C:\Users\Janet\Desktop\CEAP RELIABILITY STUDY.sav

Correlations

		CAEPEV1	CAEPEV2	CAEPEV3
CAEPEV1	Pearson Correlation	1	.730**	.598**
	Sig. (2-tailed)		.000	.000
	N	31	31	31
CAEPEV2	Pearson Correlation	.730**	1	.792**
	Sig. (2-tailed)	.000		.000

UPRM Classroom Observation Instrument Internal Reliability Output

	N	31	31	31
	Pearson Correlation	.598**	.792**	1
CAEPEV3	Sig. (2-tailed)	.000	.000	
	N	31	31	31

** . Correlation is significant at the 0.01 level (2-tailed).

```
DESCRIPTIVES VARIABLES=CAEPEV1 CAEPEV2 CAEPEV3
/STATISTICS=MEAN STDDEV MIN MAX.
```

Descriptives

Notes

Output Created		14-AUG-2017 17:29:50
Comments		
	Data	C:\Users\Janet\Desktop\CEA P RELIABILITY STUDY.sav
	Active Dataset	DataSet0
Input	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data	31
	File	
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	All non-missing data are used.
Syntax		DESCRIPTIVES VARIABLES=CAEPEV1 CAEPEV2 CAEPEV3 /STATISTICS=MEAN STDDEV MIN MAX.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.00

UPRM Classroom Observation Instrument Internal Reliability Output

[DataSet0] C:\Users\Janet\Desktop\CEAP RELIABILITY STUDY.sav

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
CAEPEV1	31	58.00	112.00	75.2903	11.90292
CAEPEV2	31	75.00	112.00	89.9355	10.25650
CAEPEV3	31	79.00	112.00	96.9677	9.81999
Valid N (listwise)	31				

T-TEST

```

/TESTVAL=0
/MISSING=ANALYSIS
/VARIABLES=CAEPEV1 CAEPEV2 CAEPEV3
/CRITERIA=CI (.95) .

```

T-Test

Notes

Output Created		14-AUG-2017 17:44:24
Comments		
	Data	C:\Users\Janet\Desktop\CEA P RELIABILITY STUDY.sav
	Active Dataset	DataSet0
Input	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data	31
	File	
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.

UPRM Classroom Observation Instrument Internal Reliability Output

<p style="text-align: center;">Cases Used</p> <p>Syntax</p> <p>Resources</p> <p style="text-align: right;">Processor Time</p> <p style="text-align: right;">Elapsed Time</p>	<p>Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.</p> <p>T-TEST</p> <p style="padding-left: 20px;">/TESTVAL=0</p> <p style="padding-left: 20px;">/MISSING=ANALYSIS</p> <p style="padding-left: 20px;">/VARIABLES=CAEPEV1 CAEPEV2 CAEPEV3</p> <p style="padding-left: 20px;">/CRITERIA=CI(.95).</p> <p style="text-align: right;">00:00:00.02</p> <p style="text-align: right;">00:00:00.02</p>
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[DataSet0] C:\Users\Janet\Desktop\CEAP RELIABILITY STUDY.sav

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
CAEPEV1	31	75.2903	11.90292	2.13783
CAEPEV2	31	89.9355	10.25650	1.84212
CAEPEV3	31	96.9677	9.81999	1.76372

One-Sample Test

	Test Value = 0					
	t	df	Sig. (2-tailed)	Mean Difference	95% Confidence Interval of the Difference	
					Lower	Upper
CAEPEV1	35.218	30	.000	75.29032	70.9243	79.6563
CAEPEV2	48.822	30	.000	89.93548	86.1734	93.6976
CAEPEV3	54.979	30	.000	96.96774	93.3657	100.5697