

Reliability of the Engagement with Beauty Scale in Croatia

Silvia Susnjic

George Mason University & University of the Virgin Islands

Rhett Diessner

Lewis-Clark State College

(the EBS was translated into Croatian by Silvia Susnjic)

Sample Demographics:

N = 165 in Croatia and Bosnia; a convenience sample from the community at large

Age: Mean = 38 (SD = 15.5; range 17 to 72)

Gender: Female = 58% (Zensko); Male (Musko) = 37%; 5% not reporting

Ethnicity: 6.7% Bosnian (Bosnjacko); 65.5% Croatian (Hrvatsko); 13.9% Serbian (Srpsko);
1.2% Yugoslavian (Jugoslavensko); 1.2% "Mixed" (Mjesano); 11.5% not reporting.

Religion: 53.9% Catholic (Katolicka); 5.5% Muslim (Muslimanska); 14.5% Protestant Christian
(Pravoslavna); 18.2% Athiest (Ateist); 0.6% Agnostic (Agnostik); 0.6% "Other"; 6.7%
not reporting.

Results:

	Cronbach's Alpha
Total Score	.93
Natural Beauty Subscale	.84

Artistic Beauty Subscale	.92
Moral Beauty Subscale	.92

Raw Scores on the Croatian EBS:

	Mean	SD
Total Score	76.1	15.1
Natural Beauty Subscale	21.2	5.1
Artistic Beauty Subscale	19.8	6.0
Moral Beauty Subscale	35.1	6.8

Multiple Comparisons Anova with LSD post hoc comparisons for EBS Total Score

		Mean Difference	Std. Error	Sig.
Croatian	American	7.37970(*)	1.53769	.000
	German	14.66350(*)	2.11008	.000
	Persians	1.97659	2.06891	.340
	Cypriot	.06061	2.92127	.983
	Samoan	1.17158	1.63828	.475

*The mean difference is significant at the .05 level.

Croatians Total Engagement with Beauty score was significantly higher than our German and American samples, but not significantly different from our Persian, Cypriot or Samoan samples.

Multiple Comparisons Anova with LSD post hoc comparisons for EBS Natural beauty SUBSCALE

		Mean Difference	Std. Error	Sig.
Croatian	American	.53254	.51676	.303
	German	2.41976(*)	.70911	.001
	Persians	-.63404	.69528	.362
	Cypriot	-.44545	.98172	.650
	Samoan	.00433	.55056	.994

* The mean difference is significant at the .05 level.

Croatians engagement with Natural Beauty score was significantly higher than our German sample , but not significantly different from our Persian, American, Cypriot or Samoan samples.

Multiple Comparisons Anova with LSD post hoc comparisons for EBS Artistic beauty SUBSCALE

		Mean Difference	Std. Error	Sig.
Croatian	American	3.19070(*)	.58498	.000
	German	2.61423(*)	.80274	.001
	Persians	.58663	.78708	.456
	Cypriot	.69394	1.11134	.533
	Samoan	-.56977	.62325	.361

* The mean difference is significant at the .05 level.

Croatians engagement with Artistic Beauty score was significantly higher than our German and American samples, but not significantly different from our Persian, Cypriot or Samoan samples.

Multiple Comparisons Anova with LSD post hoc comparisons for EBS Moral Beauty SUBSCALE

		Mean Difference	Std. Error	Sig.
Croatian	American	3.65646(*)	.73711	.000
	German	9.62951(*)	1.01150	.000
	Persians	2.02399(*)	.99176	.042
	Cypriot	-.18788	1.40036	.893
	Samoan	1.73702(*)	.78533	.027

* The mean difference is significant at the .05 level.

Croatians engagement with moral beauty score was significantly higher than our German , American samples, Persian, or Samoan samples, but not significantly different from our Cypriot.

Discussion

Of course, we take these comparisons very cautiously, as they are not random samples, and the EBS is a subjective measure of self-perception. Nonetheless, one could claim, for example, that Croatians' perceptions of their engagement with moral beauty is significantly higher than those of most other cultures that have been studied in regard to engagement with moral beauty.