

Reliability of the Engagement with Beauty Scale with Samoans

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Participants

158 Samoans (71% women; mean age 23.8 [SD = 8.6 years]), attending the American Samoa Community College in American Samoa, completed the English Language EBS in Spring and Summer of 2007.

Reliability of the EBS with a Samoan Sample (N = 158)

Total Scale Cronbach's alpha = .88

Natural Beauty subscale alpha = .66

Artistic Beauty subscale alpha = .75

Moral Beauty subscale alpha = .86

Comparing Samoans and Americans on the EBS

The Samoans had an average score of 75.0 (SD = 13.1) on the EBS, which was significantly higher than the American participant's mean score of 68.7 (SD = 15.5; $t(362) = 4.05, p < .001$, two tailed; effect size small, $d = .43$). There was no significant difference between the Samoans (M = 21.2, SD = 4.4) and Americans (M = 20.7, SD = 5.1) on the Natural Beauty subscale.

There were, however, significant differences on the Artistic Beauty subscale, with an Samoan mean of 20.4 (SD = 4.8), and American of 16.7 (SD = 5.9) ($t(362) = 6.52, p < .001$, two tailed;

effect size medium, $d = .69$); and on the Moral Beauty subscale, with a Samoan mean of 33.3 (SD = 6.5) and an American mean of 31.4 (SD = 7.4) ($t(362) = 2.58, p < .01$, two tailed; effect size small, $d = .27$) (viz. Green & Salkind, 2005, on interpreting effect size).