

Testing the invariance of adolescent survey-based smoking-related behaviors across ethnic groups and gender.

J Health Psychol. 2013 Aug 29. [Epub ahead of print]

Testing the invariance of adolescent survey-based smoking-related behaviors across ethnic groups and gender.

Dawson DB, Sotelo FL, Roesch SC, Klonoff EA.

Source

San Diego State University, USA.

Abstract

The present study examined the factor structure of 3 smoking-related items administered as part of the California Health Interview Survey. Factorial invariance was examined across Asian Americans (N = 377), Caucasians (N = 1739), African Americans (N = 115), and Latin Americans (N = 814), and across young men (N = 1612) and women (N = 1767). Factorial invariance analyses revealed all minority ethnic groups to be significantly different ($p < .05$) from Caucasians, and men to differ significantly from women. These findings suggest that the types of smoking behaviors assessed in the California Health Interview Survey do not predict behaviors uniformly across groups.

PMID: 23988682 [PubMed - as supplied by publisher]