

Abstract

Restricted correlation coefficient tends to underestimate the correlation between the predictor and criterion in the unrestricted population, and correction for range restriction is recommended. A Monte Carlo study was conducted to evaluate the accuracy of Bootstrap estimate of the standard error of correlation corrected for range restriction. Range restriction was assumed to occur by direct selection on the predictor. Different configurations were manipulated including sample size (50, 100, 200), population ρ (.2, .5, .8), selection ratio (.1, .3, .5, .7, .9), and types of truncation (complete and incomplete). Results showed that the Bootstrap method was an accurate and reliable method in estimating the standard error of correlation corrected for range restriction, especially when the selection ratio was small.