Abstract

Background: Karasek and Theorell’s Job Demands-Control Model argues that adverse health-related outcomes, both psychological and physiological, arise from a combination of high job demand and a low level of job control. The objective was to adapt Meijman and Kompier’s Bus Drivers’ Job Demands Scale (BDJD-24), which enables us to assess the job demands of bus drivers, to Spanish. Method: The final version of the Spanish adaptation was applied to a sample made up of 287 bus drivers living in Spain (80.1% men and 19.9% women), whose average age was 40.44 (SD= 11.78). Results: The results yielded a three-factor structure for the scale used: Time Pressure, Safety, and Passengers. These findings confirm that the Spanish version replicates the factor structure of the original English scale. The reliability of the three subscales was acceptable, ranging from .75 to .84. Furthermore, the subscales were also related to different external correlates and to other scales and showed good convergent and criterion validity. Conclusions: The present instrument can be used to evaluate job demands of bus drivers, as its psychometrics are substantially sound.

Keywords

Job demand-control model, transport, bus drivers, scale, instrumental study.