

A DETERMINATION OF THE RELIABILITY  
AND CONSTRUCT VALIDITY OF THE  
LEADERSHIP CAPACITY SCHOOL SURVEY

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ABSTRACT

The purpose of this quantitative case study was to determine the psychometric properties of the Leadership Capacity School Survey (Lambert, 2003). The Leadership Capacity School Survey (LCSS, Lambert) was electronically administered to 337 principals, counselors, and teachers in an urban school district in Missouri in May of 2007. Survey results were collected and the Statistical Package for Social Sciences (SPSS, 2007) was used to perform data analyses. Principal component factor analysis with varimax rotation was used to determine the construct validity of the survey by which principal components were identified and items were reduced. An item-total analysis and Cronbach's alpha were conducted on the LCSS (Lambert) and reduced forms to establish internal consistency and reliability. A one-way analysis of variance (ANOVA) and Tukey HSD post-hoc analysis were conducted to support the summarization and interpretation of descriptive data. The study identified two refined forms of the LCSS (Lambert) that possessed reliability, internal consistency, and construct validity overall and subscales. This case study contributed to the ever-growing body of knowledge in the fields of leadership capacity and psychometric theory.