

LOGISTICS REGRESSION TO DETERMINE THE INFLUENCE OF BEAN AND
METZNER'S PERSISTENCE FACTORS AS DEFINED BY THE COMMUNITY
COLLEGE SURVEY OF STUDENT ENGAGEMENT (CCSSE) ON
NONTRADITIONAL STUDENTS

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ABSTRACT

The purpose of this study was to explore Bean and Metzner's (1985) persistence factors, defined by items on the Community College Survey of Student Engagement (CCSSE), to determine the impact on nontraditional student persistence. This quantitative study measured nontraditional student persistence at a community college in the Midwest using archival data.

Independent variables included select CCSSE items that related to variables identified by Bean and Metzner (1985) in their Model of Nontraditional Undergraduate Student Attrition. The dependent variable was persistence. Data were analyzed using a validity panel, descriptive statistic analysis, chi square tests, and logistic regression.

Chi square tests revealed four CCSSE items to be statistically significant, while logistic regression found no statistical significance. Results indicate that Bean and Metzner's (1985) factors did not predict persistence. In addition, CCSSE was not found to discriminate between persistence and non-persistence for nontraditional students. The study concludes that there is no profile of the nontraditional student.