

عنوان مقاله:

A Quantitative Impact Analysis of Attitudes towards Safety and Traffic on High School Students' Walking to School

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خلاصه مقاله:

An increase in motorized mode for school travels has a result of morning traffic and students' physical inactivity. Although, some research has been conducted was done considering economic, social and environmental parameters of students' travel behavior, but the effect of attitudes for mode choice was not considered significantly. The purpose of this research is to discuss effects of attitude towards safety and traffic together with economic and social parameters on high school mode choice (specially walking). To collect the economic and social data and investigation of safety and traffic's attitudes, written questionnaires were distributed among ۶۵۶ students of ۷ high schools (public and private, girls and boys) in two educational districts of Kerman. Choosing case samples were done classified and randomly. A multinomial logit model was applied for investigation of different parameters' effects on mode choice for school trip. to decrease safety and traffic attitudes' variables, an exploratory factor analysis was applied. Results show that students which have no accessibility to public transportation and evaluate highly their Safety knowledge are .walking to school with more possibility

کلمات کلیدی:

School mode choice, High school students, Logit model, Attitude, Factor analysis

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