CONFIRMATORY FACTOR ANALYSIS PASSED
TO SEE TRAFFIC AWARENESS THE BIKERS IN
EAST SURABAYA

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Abstract

Surabaya is a metropolitan city in East Java, with a high mobility of the transportation activity also resulted in high. High transport congestion and accidents resulting in increasingly high. Motorcycles provide the highest accident rates than other transport. Thus the necessary awareness of traffic in order to reduce motorcycle accidents. The purpose of this research was to determine the indicators that most contribute awareness of the traffic survey, latent variables used were road traffic awareness, personal, rule, and the environment. The methods used were Confirmatory Factor Analysis (CFA). The result is the biggest contribution of awareness latent variables ever seen an accident resulting in more vigilant, the biggest contribution of private variables are not sudden braking, the biggest contribution of rule variables using the jacket (outfitting to drive), the biggest contribution of environment variables obey the rules even though no police guard. While in the second order CFA generate traffic awareness is the biggest environmental contribution.

Keyword : Confirmatory Factor Analysis First Order, Confirmatory Factor Analysis First Order, Awareness of traffic