

UNIVERSITI TEKNOLOGI MARA

**THE MODERATING EFFECT OF
POLICY ENFORCEMENT IN
INFLUENCING THE FACTORS IN
ENHANCE ROAD SAFETY
PRACTICES AMONG
MOTORCYCLISTS IN SELANGOR**

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ABSTRACT

Road safety has become a global issue around the world which requires crucial attention by all parties. Thus, the increase in the number of road traffic crashes especially among individual motorcyclists is very worrying. Following that, this study seeks to determine the level of enhance road safety practices among motorcyclists; to examine the factors (human factor, road condition, vehicle condition) in enhance road safety practices among motorcyclists; to identify the main factor in enhance road safety practices among motorcyclists; and to examine whether policy enforcement moderates the relationship between factors and enhance road safety practices among individual motorcyclists. Besides, this study using mixed method, whereby a questionnaire is used to obtain feedback from the respondents, namely individual motorcyclists. Questionnaires were successfully distributed to 500 respondents of individual motorcyclists and interviews were also conducted among ten individual motorcyclists as well as eight key person relevant agencies of which four were from the Royal Malaysia Police and four others were from the Road Transport Department. This study found that, there is consistent findings between quantitative and qualitative findings which indicate that the level of enhancing road safety among motorcyclists is moderate. Further, in this study also found that factors such as human factor, road condition and vehicle condition are among the factors that enhancing road safety among motorcyclists. Meanwhile, in this study found that the main factor in enhancing road safety among individual motorcyclists is vehicle condition. Quantitative findings show that the beta value for vehicle condition recorded the highest compared to other factors (human factor and road condition). Furthermore, a quantitative study supported by qualitative findings also discovered that vehicle condition is the main factor that can enhancing road safety among motorcyclists in Malaysia. Following that, policy enforcement only moderates the relationship between human factor in enhancing road safety.

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