

ABSTRACT

Most of the developing countries including Karachi are facing rapid increase in vehicular traffic, especially in urban centres. Lack of mass transit and public transport system contributes to increase in private vehicular ownership. In this scenario motorbike is an attractive alternative to the peoples belonging to lower and middle income categories. Therefore, the objective of this study is to analyse the motorcyclist behaviour for use of helmet and to check the attitude of motorcyclist regarding the use of new bike lane on Shahrah-e-Faisal.

The methodology adopted to achieve the objective of study were analysis through statistical package for the social sciences SPSS software and stated preference survey. It is analysed through software that there is a strong relationship between the use of helmet and rate of accidents.

It is observed from the analysis through video recording that after the dedicated new bike lane that small proportion of motorbike riders use the new bike lane but due to lack of enforcement and design faults bike riders are still using rest of the lanes even after the dedicated new bike lane.