

Abstract

There are several factors influencing road accident including drivers' behavior, physical characteristics of roads, and environment conditions. The study devotes on analyzing of factors contributing to the severity of crashes at intersections that can be classified into three categories; serious, major, and minor crashes. The analysis was performed through a statistical program called 'STATA' on a set of 2007 accident data recorded by the Department of Highways, which was then screened for only accidents occurring at intersections. The results show that there are some factors affecting to all three categories of crashes while some of them only contribute to different and certain kind of crashes. A better understanding of those factors contributing to crashes will bring in more efficient planning process for a policy to lower crash likelihoods at intersections