

عنوان مقاله:

Prediction logit model for severity of rural road accidents the case study in ILAM province

محل انتشار:

کنفرانس بین المللی عمران، معماری و مدیریت توسعه شهری در ایران (سال: 1397)

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نویسندگان:

Mohamad Javad Asadi - *Department of Safety, Traffic and Road Safety, Road Administration and Urban Development Office of Ilam Province, Iran*

Mohamad Raza Jafarian - *Faculty member, University of Ilam, Iran*

Leila Nasrolahi - *Student, Department of Civil Engineering, Graduate School of South Tehran Branch, Islamic Azad University, Tehran, Iran*

خلاصه مقاله:

With increasing the length and number of rural roads network and the increasing of car ownership in the country s villages, unfortunately the number of accidents has increased in these ways. In this study, the first, about the effecting factors of severity roads crashes are discussed. Then by using statistical of rural roads accident for ILAM province (ILAM one province of IRAN) from police's reports (2009-2012), Characteristics of geometric design (radius of curvatures, width of roads, width of the shoulder width and...) from GIS software (administration of road and transportation ILAM province), logit model for severity crashes was designed for these roads. The results show that the accident day, driver s education, conditional of pavement road, type of geometric design (curvature or straight), driver s age were significant impact on the severity of accidents. The most important parameter affecting the severity .crash was crashes day, because of these roads had more traffic in holiday and young drivers ran faster

کلمات کلیدی:

rural roads, logit model, severity accidents

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