

Quantification of unexpected losses caused by crime in Ecuador

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This research studies the economic impact of a class of crime; in particular, crimes defined as: total vehicle theft, theft of vehicle accessories, theft of property, theft from persons, fraud, intimidation (threat) and wounds. Thus, to quantify the economic cost to society Ecuadorian criminal activity, we developed a model to estimate the expected and unexpected losses, using the methodology Loss Distribution Approach, LDA. In this study, we used data from the Survey on Victimization and Perception of Insecurity 2011, collected by the National Institute of Statistics and Censuses, INEC, and administrative records from the Operations Officer of the National Police of Ecuador.

Key Words: cost, economic impact, Loss Distribution Approach.