CORRESPONDENCE ANALYSIS DATA ABOUT CURANMOR POLSEK WONOCOLO SURABAYA AT JANUARY 2006 - AUGUST 2010

Name: Dimas Aditya Yudistira
NRP: 1307 030 026
Department: Dipl. III Statistika FMIPA-ITS
Supervisor: Dwi Endah Kusrini, S.Si, M.Si.

Abstract
This study aims to describe the level of motor vehicle theft crimes in the area of police Wonocolo Surabaya. This research is to achieve its goals using Correspondence Analysis, a method or a data analysis technique that aims to describe the relationship of a low-dimensional data on which is a graphical procedure to describe a relationship in the frequency table. Based on the results of descriptive analysis as much as 62.6% the victim of theft works and as much as 37.4% of victims have not worked, 83.7% male sex, 16.3% of victims are women, 43.1% of victims aged 17 to 25 years and 56.9% of victims aged over 25 years. Based on Chi-square test showed that there was a relationship (dependent) between brands of vehicles, modus operandi, nopol vehicle, location, gender of victims and victim's age. From the results of correspondence analysis based on the brand of vehicle, Yamaha tends to hit the victim with the origin of vehicles from outside the city of Surabaya and the modus operandi is damage the key of vehicles. For the Honda brand vehicles tend to befall the victims are women, while for brand vehicles except the Yamaha and Honda tend to hit the victim with a long drive from outside the city of Surabaya.

Keywords: Correspondence Analysis, Chi-square