

Abstract

Insurance claims is an indicator to determining the level of risk of an insurance company. The greater chances of the claim occurs, the greater risks that can be covered by insurance companies. Peaks-Over-Threshold is one of extreme value theory methods were used to search for extreme values in the data by creating a threshold of the data. In addition, the threshold value of VaR that value exceeds the limit of VaR can be described as an extreme value. From this VaR value, can be known the extreme value from the data so that the insurance company can prepare for the occur of big claim.

Keyword : claims insurance, modeling, extreme value theory, Peaks-Over-Threshold, VaR