Abstract

News text is a text that contains important information that is happening to be disseminated to the public. In the news, the more information, the more text is displayed. Of course it takes a lot of time to read the entire text of the news. Automatic text summarization is needed to help readers understand the content of the news text quickly. In this study, the application of the latent semantic analysis method with the GongLiu, SteinbergerJezek, and Cross techniques will be applied to automatic text summarization. The test data will be tested by using local news about politics. By comparing the three methods previously mentioned, Gongliu is considered the best amongst three methods since it has the highest Rogue value and the fastest processing time.

Keywords: text summarization, semantic analysis,comparing rate