Foreword and Editorial

Journal of Statistical Computing and Algorithm

We are very happy to publish this issue of the Journal of Statistical Computing and Algorithm by Global Vision School Publication.

This issue contains 2 articles. Achieving such a high quality of papers would have been impossible without the huge work that was undertaken by the Editorial Board members and External Reviewers. We take this opportunity to thank them for their great support and cooperation.

In the research paper "A Comparison of Pruning Methods for Pivot-based Statistical Machine Translation", Pivot-based Statistical Machine Translation uses a pivot language as a "bridge" to translate from source language to target language. However, one weakness of pivot-based SMT is that the noises in source-pivot translation and pivot-target translation often be transferred and amplified in the source-pivot-target translation. In this paper, we apply several popular pruning methods in traditional SMT to pivot-based SMT, and compare the performance and application scenarios of these pruning methods. Finally, we try to combine these pruning methods. Experimental results on European Parliament data show that our combined method leads to significant improvements over the baseline system.

In the paper "Implementing the K-mean using R Tool for chosen the optimal K ",When we have the tremendous measure of information with no class names or marked i.e. without said particular classes. To manage, such a dataset K-Means is one of the trendiest bunching system, the reason for this calculation is to find bunches in the information, with the quantity of gatherings spoke to by the variable K. In this paper, we will talk about the way to deal with pick the ideal "k" values with the contextual analysis. Practice usage of the contextual investigation utilizing R programming.

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