Agglomerative Hierarchical Clustering Using the Tθ Family of Similarity Measures

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Abstract : In this work, we begin with the presentation of the T θ family of usual similarity measures concerning multidimensional binary data. Subsequently, some properties of these measures are proposed. Finally, the impact of the use of different inter-elements measures on the results of the Agglomerative Hierarchical Clustering Methods is studied.

 $\textbf{Keywords:} binary \ data, \ similarity \ measure, \ T\theta \ measures, \ agglomerative \ hierarchical \ clustering$

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