

Clustering Probabilities

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Hi All,

Given that a known n number of clusters are required, and the probability that each member of a data set belongs to each of the n regions. e.g. 4 regions, A,B,C,D with each element having probabilities $P(A,B,C,D)$. I also know a "seed point" for each region i.e. $P(1,0,0,0)$.

I am looking for a fuzzy clustering technique to establish which region each of the elements in the input data set belong. Any suggestions on the best way of doing this, given all I know are the probabilities which are calculated based on a distance metric.

Adam

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