
Subject: Segregating data in bimodal distribution

Posted by [Eric Hudson](#) on Wed, 03 Aug 2011 12:35:23 GMT

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Hi,

Is anyone aware of an IDL implemented algorithm for segregating data in a bimodal distribution into two groups?

My data is such that I could do it manually (make a histogram, decide on a threshold between the two peaks in the histogram, then pull out the data above and below that into two separate groups). There isn't a true gap between the two peaks, but they are pretty well separated. The part which is non-obvious to me is to how to programmatically choose the threshold value. And since I have to do this on many data sets, where the threshold is going to be different for each, I prefer to not do it manually.

Thanks,
Eric

PS In searching I found something called the KMM algorithm which seems like it would work, but I haven't found code for it.
