

Task

Find top-k objects

Aggregate lists into one aggregate list

YES

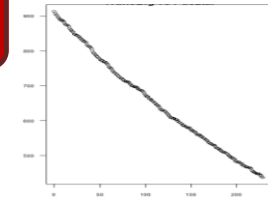
Are the lists longer than 100?

NO

Plot deltaplot
`a = deltaplot(data)`

Does the plot have points, where the decrease suddenly slows down?

Is the plot too linear?



Take only subset of your data (try 50% of the current length)

`a = deltaplot(data, subset.lists=0.5*length(list))`

Take the smallest delta in which this happens

Use this delta for calculating k.
Use $nu \geq 10$.

`res = j0.multi(data, d=delta, v=nu)`
`k = res$maxK`

Truncate you data to the length k

`trunc.data = data[1:k,]`

Define 'space' – all objects present in your truncated lists

Aggregate using Borda, MC or CEMC

`agg.list = CEMC(trunc.data, space)`

