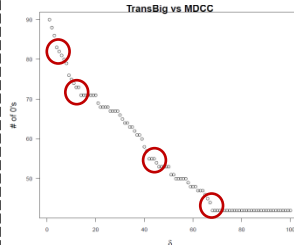


# Task

Find top-k objects

Plot deltaplot  
`a = deltaplot(data)`

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



Take the smallest delta in which this happens

Use this delta for calculating k.  
Use  $nu \geq 2$ .

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

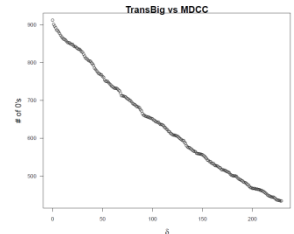
Aggregate lists into one aggregate list

YES

Are the lists longer than 100?

NO

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))`

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)`