Minitask1

Florencia Luque and Seyed Amirhossein Mosaddad

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Part 1 - Apply Family

The apply Family is a way to apply a function to different types of data like a row, vector, matrix, etc. This functions have been replace or you should replace it with others libraries that do the same with an optimal result. This function is an alternative to a loop when you know want you need to do to the data. #explain why or something about the general ways of the apply family

The family is created by this functions; apply(), lapply(), sapply(), vapply(), mapply(), rapply(), and tapply() functions.

apply

This function can be use to an arrays in different dimensions like a matrix. You will need a X the array, Margin 1 o 2 if you want to apply the function by row (1) and over columns (2). You can also apply on both using Margin=c(1,2) and obviously the fun that will be the function that you would like to apply like the sum or the mean. Example:

[1] 62.28112 93.39707 80.92315 76.58200 84.52326

tapply

sapply

lapply

vapply

rapply

mapply

Part 2 - MLE