



Outlook

Statistics with R - from Data to Publication Figure (HT24)

From Alen Lovric <alen.lovric@ki.se>**Date** Fri 10/18/2024 5:10 PM

Some info I promised 😊

Highly recommended

FlowSOM nature methods <https://www.nature.com/articles/s41596-021-00550-0>

If normalisation is needed, they can use CytoNorm (same authors), an update of the package is on the way.

#Manual gating:

library("flowCore"): logicle transformation, creating gates

library("PeacoQC"): for preprocessing (cleaning)

library("ncdfFlow"): for uploading files into the flowset

library("flowWorkspace"): for transformation, creating and adding nodes to gatingset

library("plotDensity"): for density plotting and calculating values used for gating

library("ggcyto"): for overview plots with gates

Unfortunately course is given by a private company called Physalia, but worth checking.

<https://www.physalia-courses.org/courses-workshops/flow-cytometry/>

Hope it helps, have a nice weekend.

/alen