Graphical user interface, text, application, chat or text message

Description automatically generated

Absolute density: Absolute density = # of Mol per cluster/cluster area

For each CH:

For each ROI:

Background density = non cluster molecules /ROI^2

For each cluster in ROI:

Relative density 2 = absolute density of each cluster / background density

Graphical user interface

Description automatically generated with medium confidence

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Columns names describe:

From Q to V

Table

Description automatically generated

Q: DOC value

R: Lr Lr value at radius r

Lr = ((SizeROI)^2\*Kfuncans / (length(X2) - 1)/pi).^0.5;

S: D1\_D2 num points inside RipleyK filter radius, SAME CHANNEL

T: Lr\_rAboveThresh

U:Density relative density, number of points inside RipleyK filter radius, ALL CHANNELS

DensityROI:

[size([CA1;CA2],1)/SizeROI1^2, size(CA1,1)/SizeROI1^2, size(CA2,1)/SizeROI1^2]

Means : CH1+CH2 number /ROI^2, CH1 number/ROI^2, CH2 number/ROI^2

Attention: here used ROI^2 instead of ROI for calculation