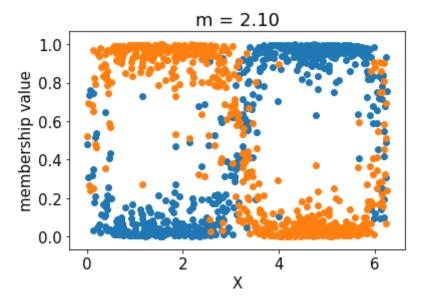
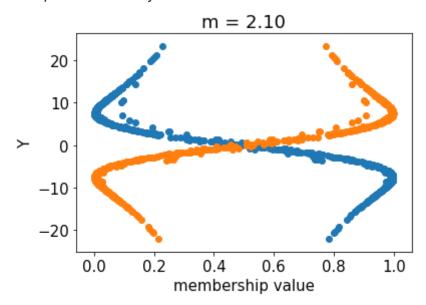
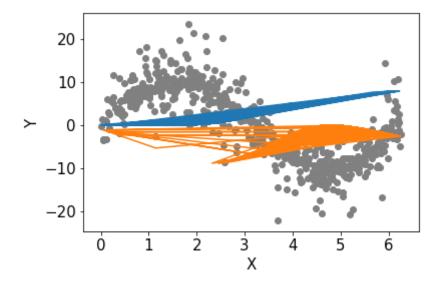
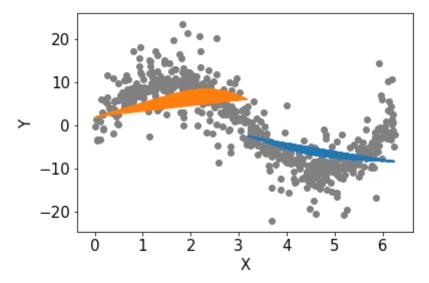
1) number of target clusters: 2 membership values of X by clusters:



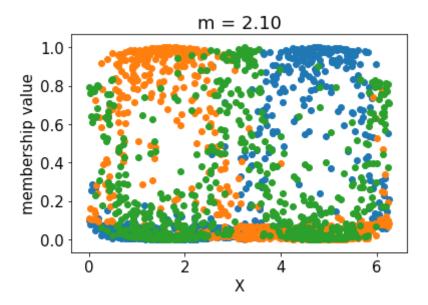
membership values of Y by clusters:



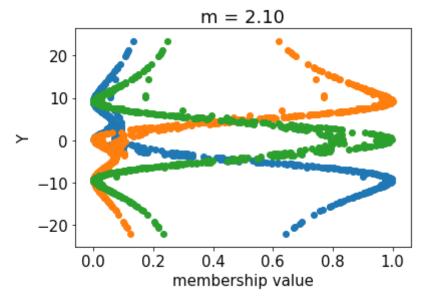


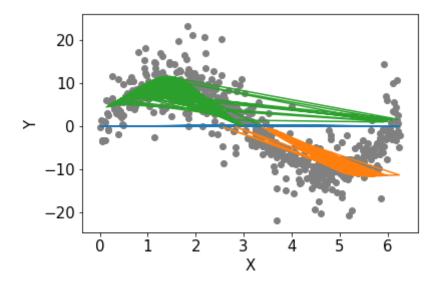


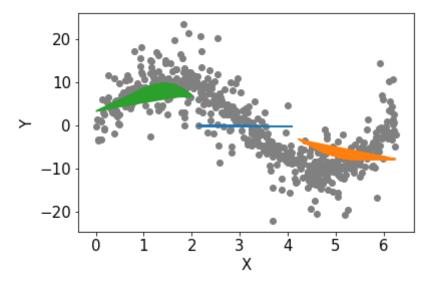
2) number of target clusters: 3 membership values of X by clusters:



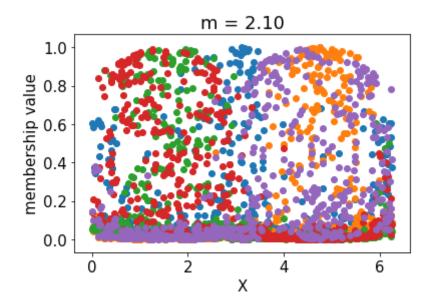
membership values of Y by clusters:



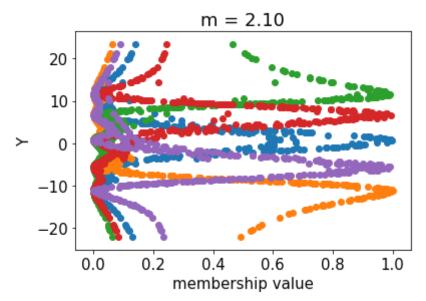


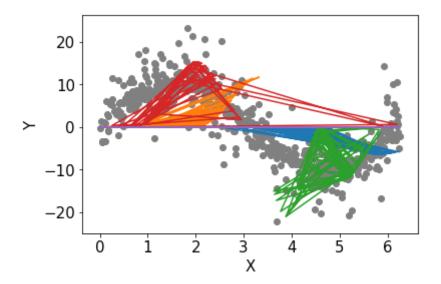


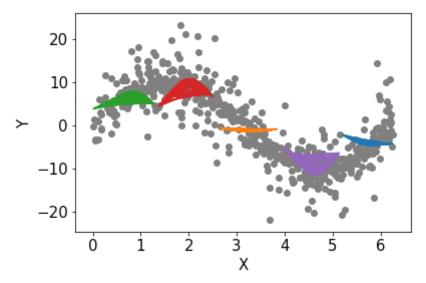
3) number of target clusters: 5 membership values of X by clusters:



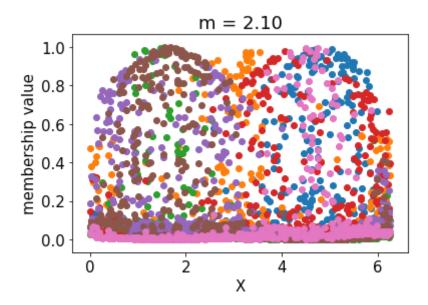
membership values of Y by clusters:



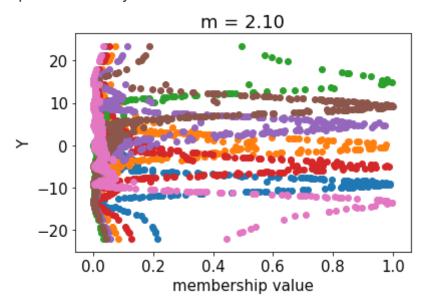


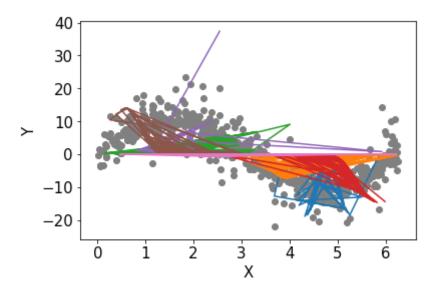


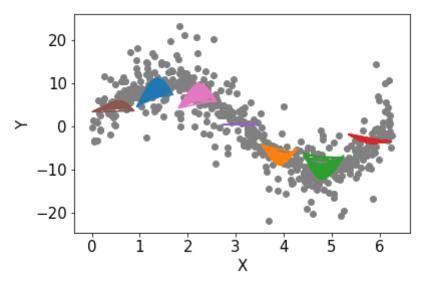
4) number of target clusters: 7 membership values of X by clusters:



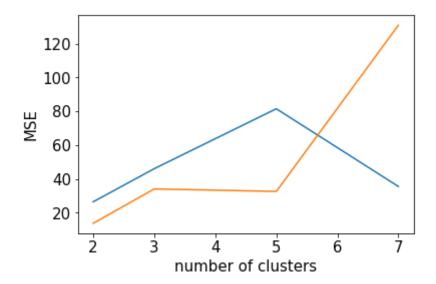
membership values of Y by clusters:







MSE value for different number of clusters. Blue line for clusters defined by X, Y. Orange line for clusters defined only by X.



Fitting local regression more precise for clusters defined only by X data, but with increasing of number of clusters this areas of degranulized covers data worse and MSE value increases.