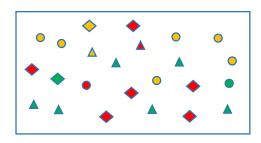
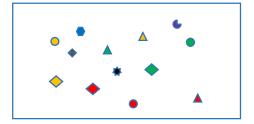
## Full data



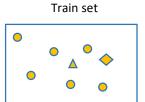
Benchmark dataset



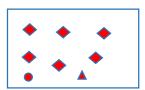
Worse split case

The algorithm produce splits in a manner whereby sample subsets with different Properties are absent from various split

Train split



Validation set

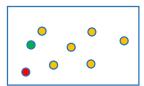


Test set



Good

Train set



Validation set



Test set

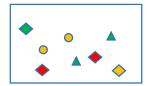


 $Better\ splitting\ algorithm$ 

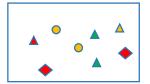
Train set



Validation set



Test set



Data\_tosplit + benchmark dataset Train + val + test