Data Distribution Information:

* Attribute category - (REN\_LN)
* Total Data Point - (3347, 667)
* Data-points into Training - (2677, 50) {2019 - }
* Data-points into Test - (670, 50)
* Data-points into Val - (???)
* Unit\_Wo VS Non\_Unit\_Wos (26% : 74%)
* Overall\_Unit\_Wos\_Rate = 26%

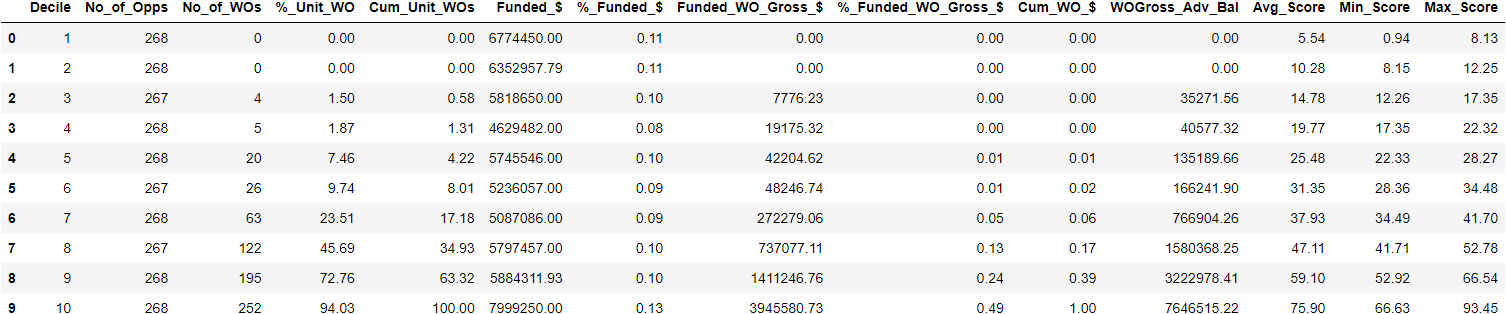
LN\_Ren Best 50 features



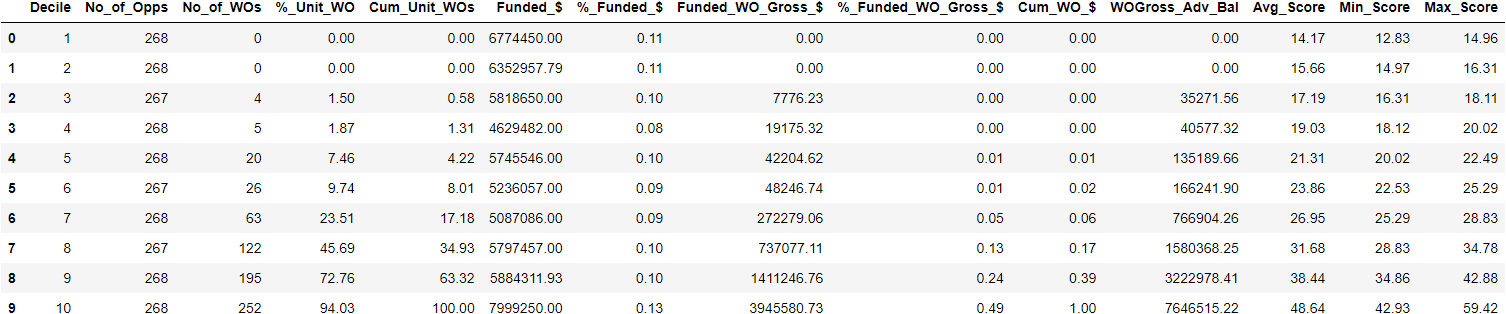
Hyperparameters:



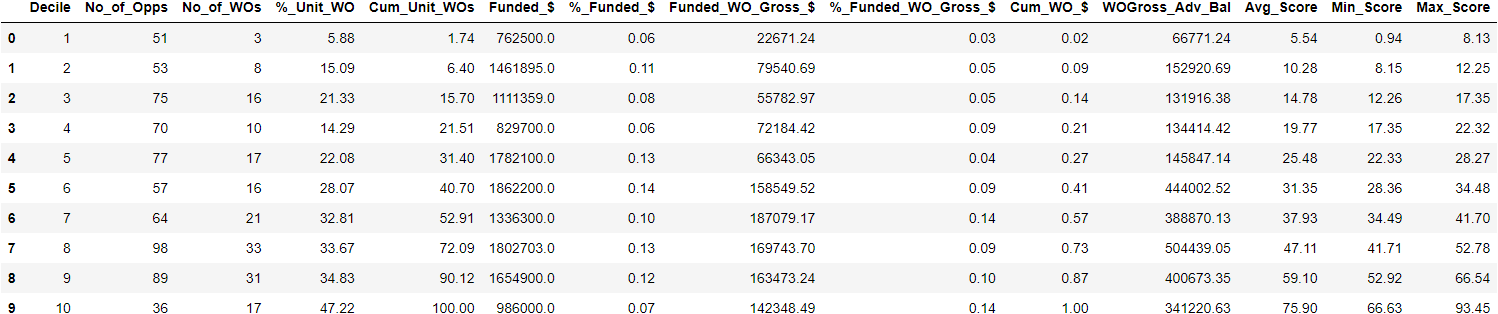
Deciles:-

Before Calibration Train

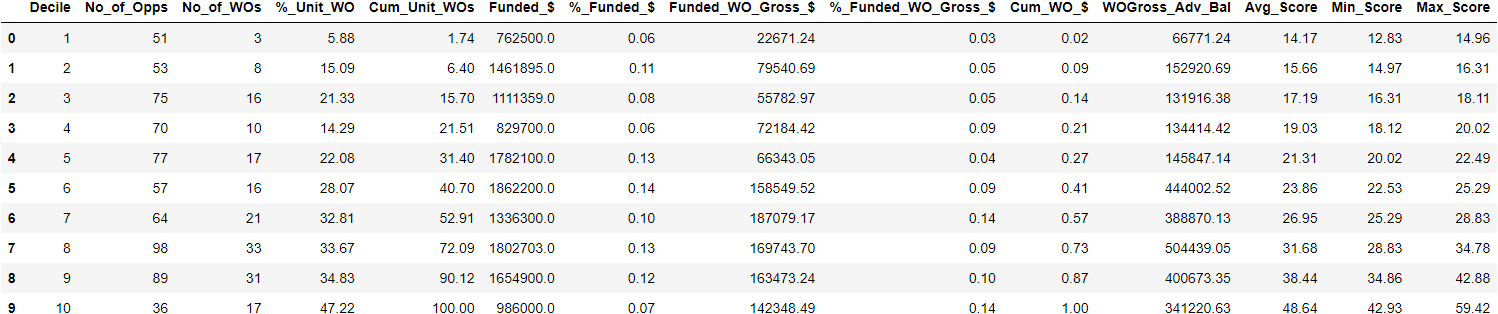
After calibration Train



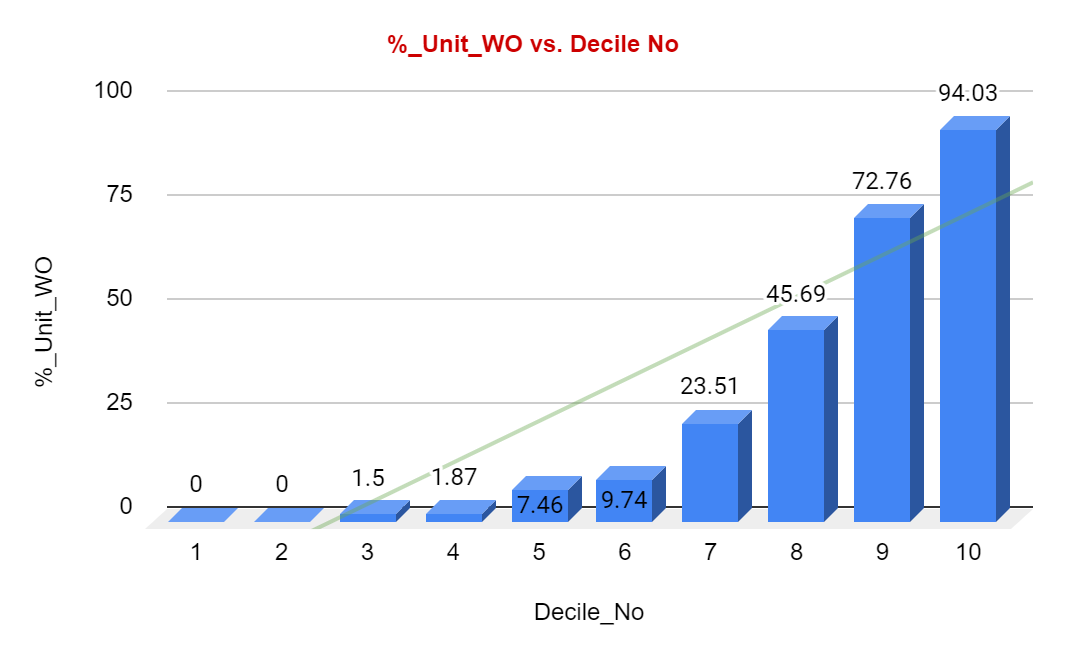
Before Calibration Test (split)

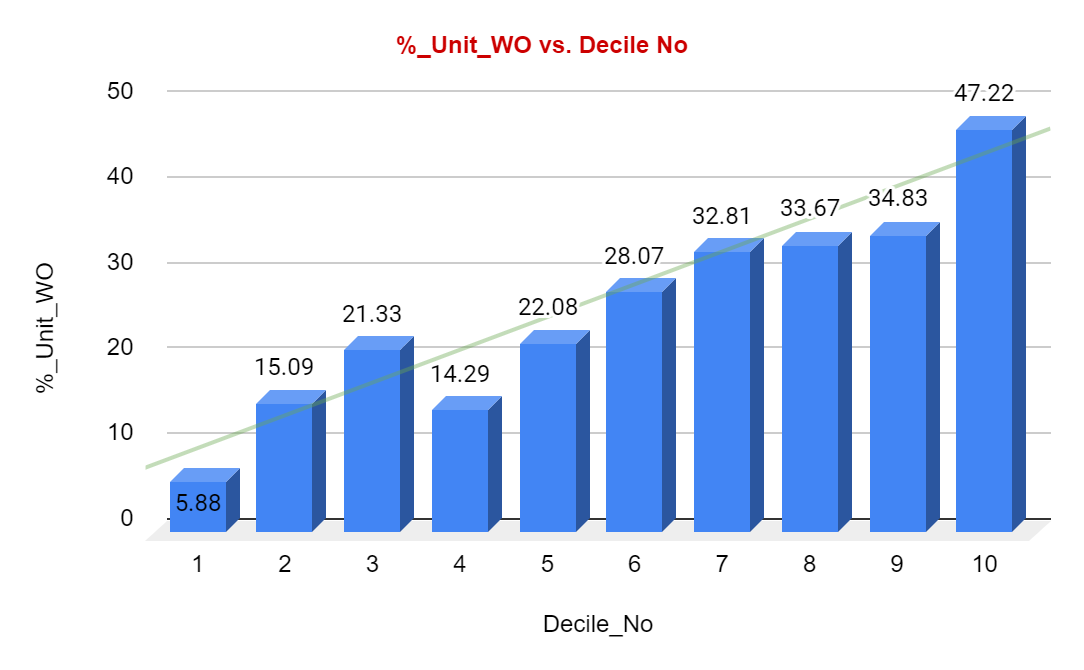


After calibration Test (split)



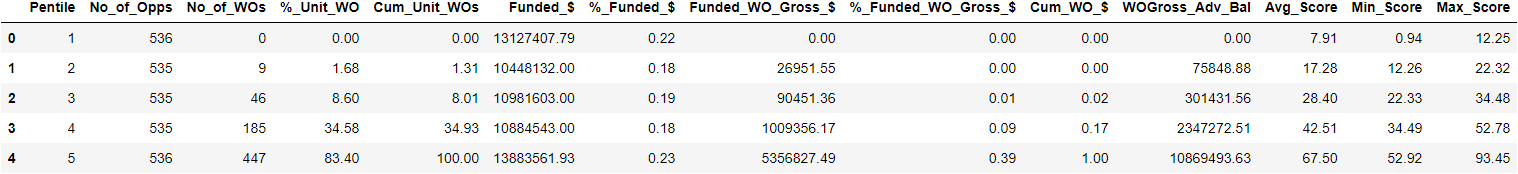
Deciles Figures

Train:

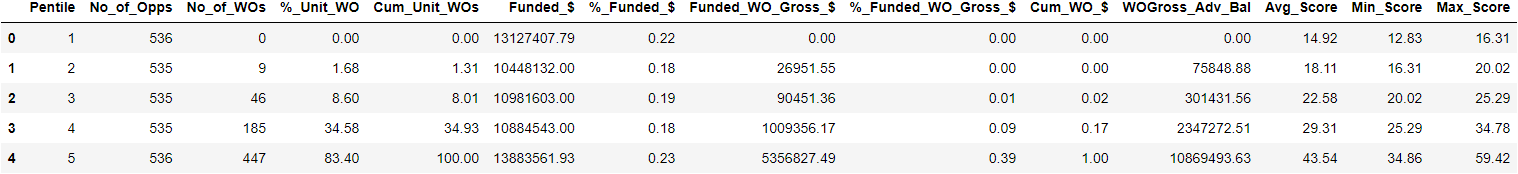
Test set:

Pentiles:-

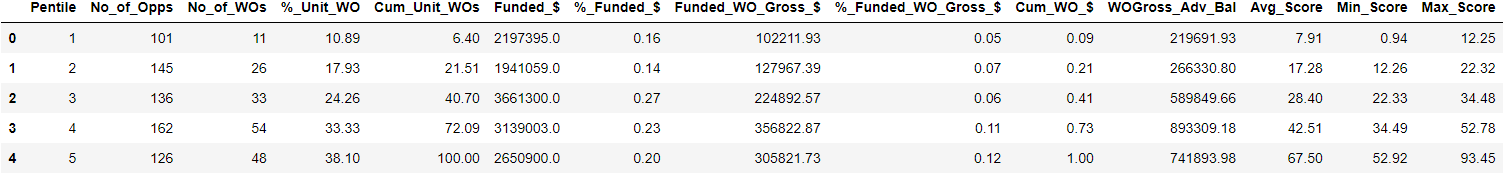
Before calibration train



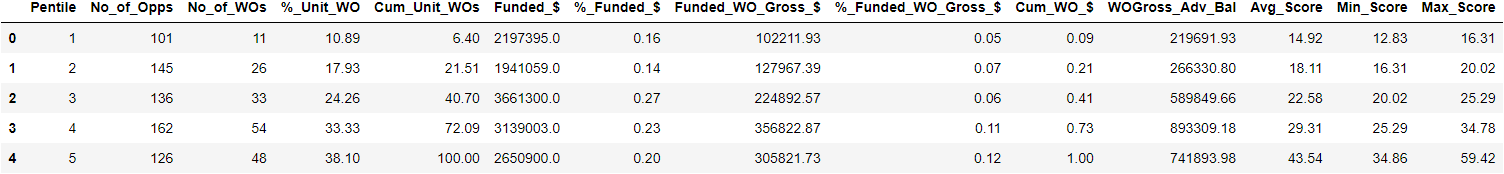
After calibration train



Before calibration test (split)

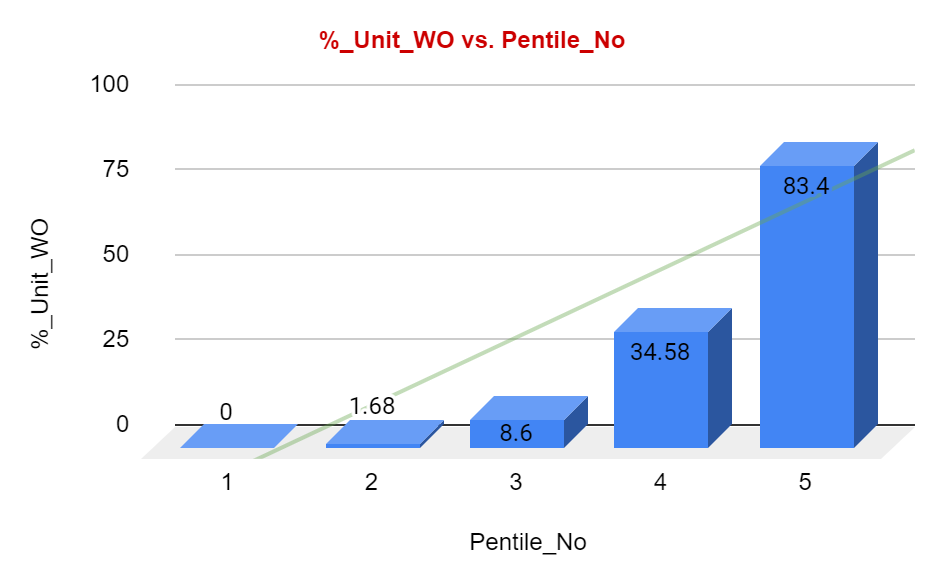


After calibration test (split)

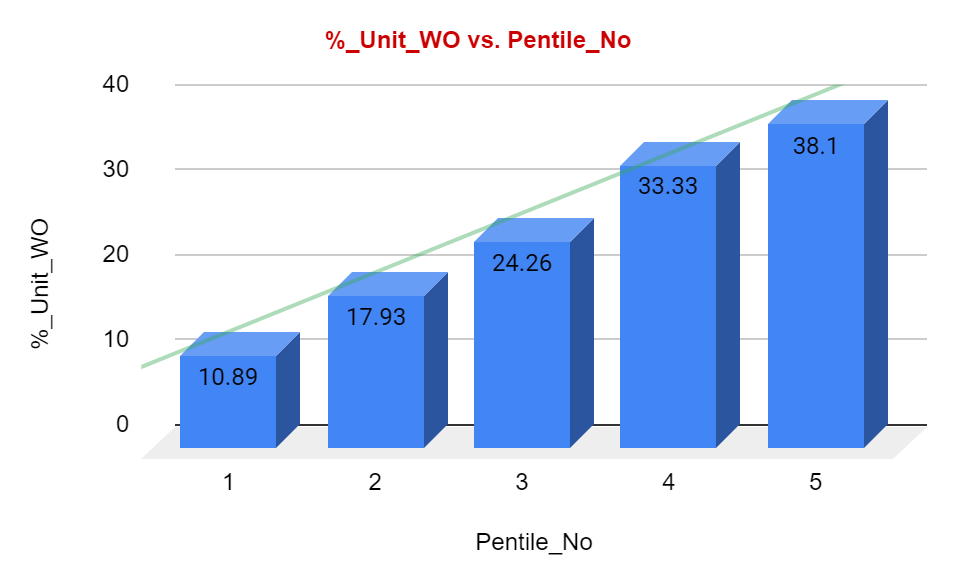


Pentile Figures -

Train set:



Test set:



**Same model on new data:**

Distribution:

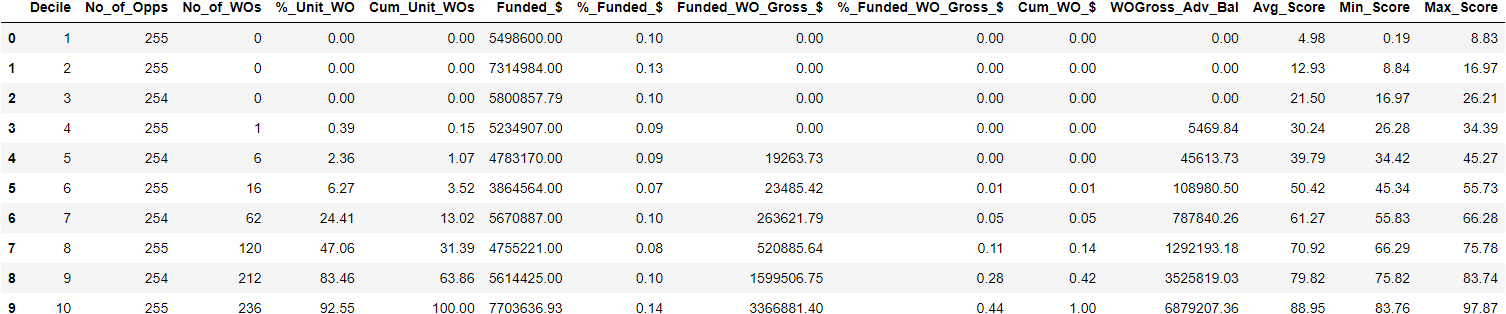
Training Data {2546, 50} {April 2019 - February 2022}

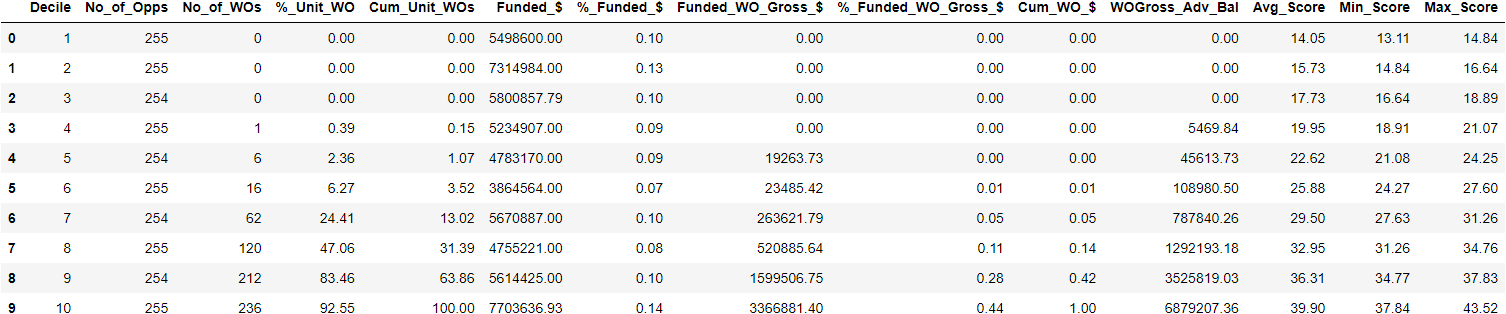
Test Set {637, 50} {April 2019 - February 2022}

Validation Set (458, 50) {March 2022 - May 2022}

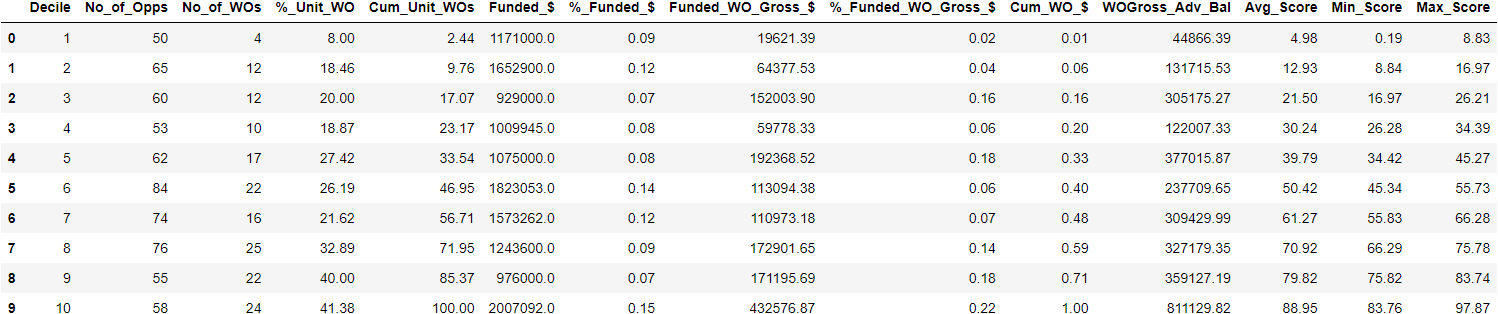
Deciles:

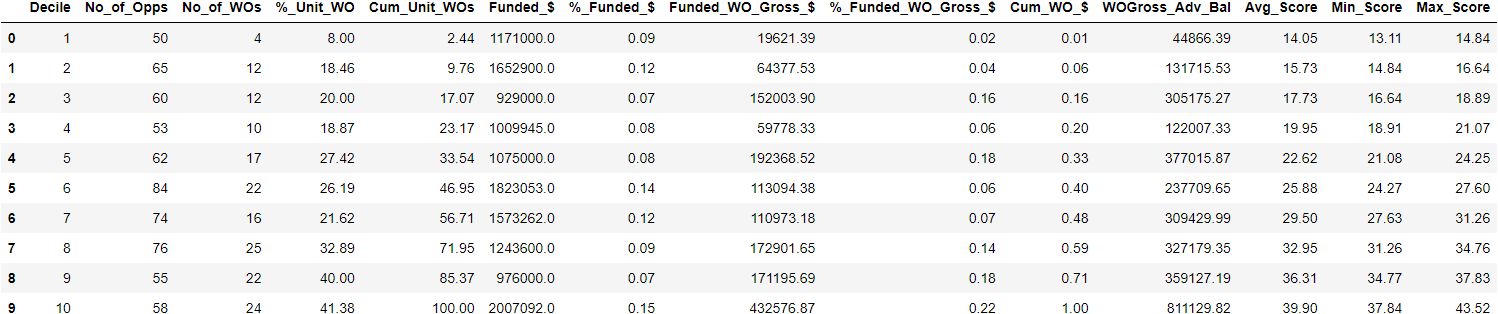
Train set before calibrated\_cv:



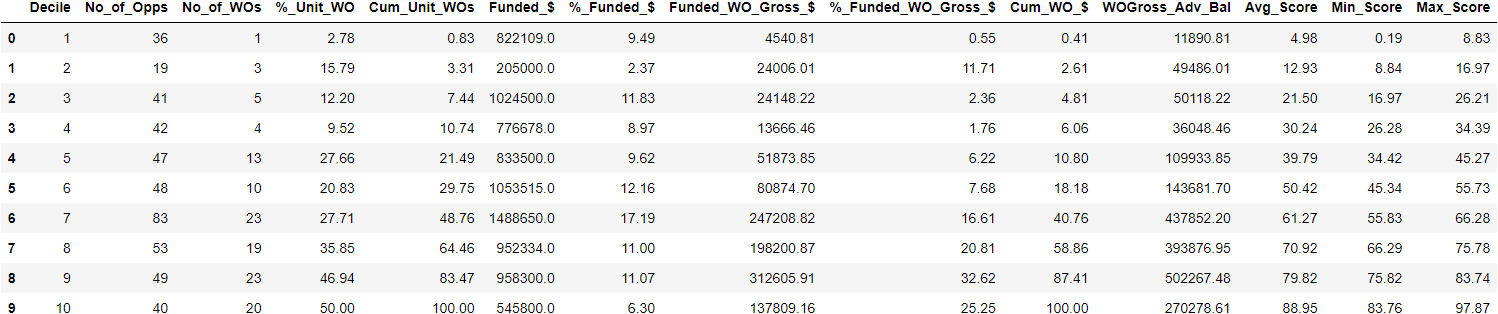
Train set after calibration:

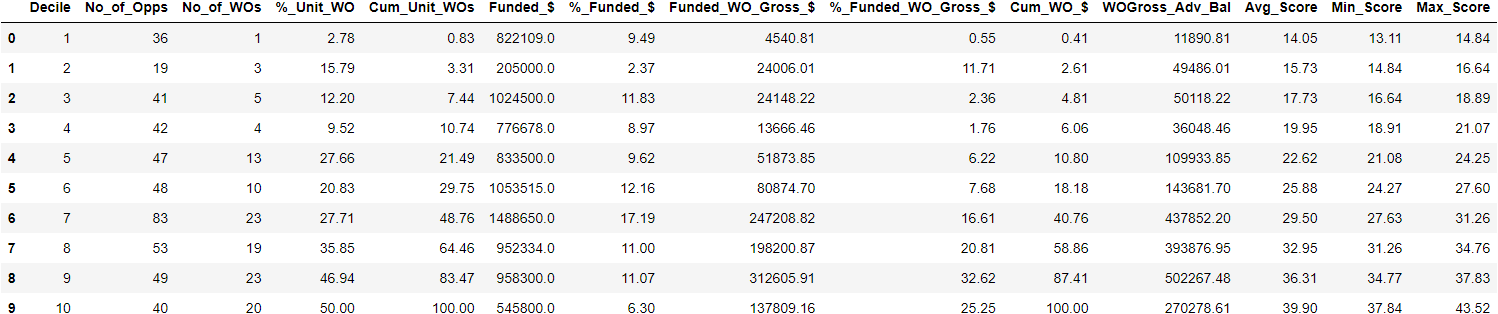
Before calibration Val set:



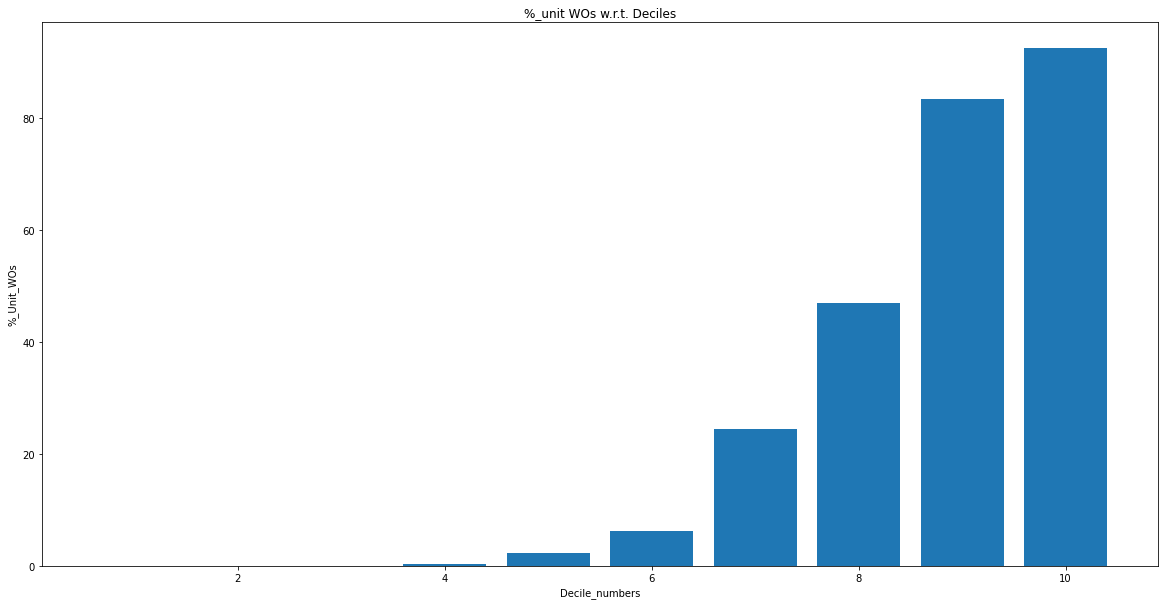
After calibration Val set:

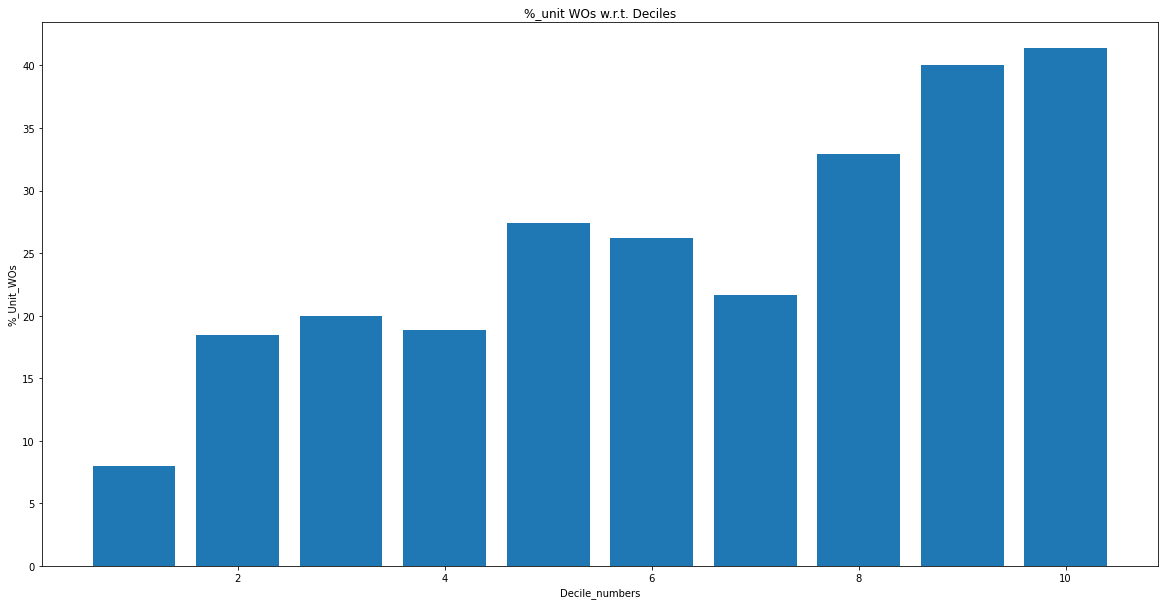
Before calibration Test Set:

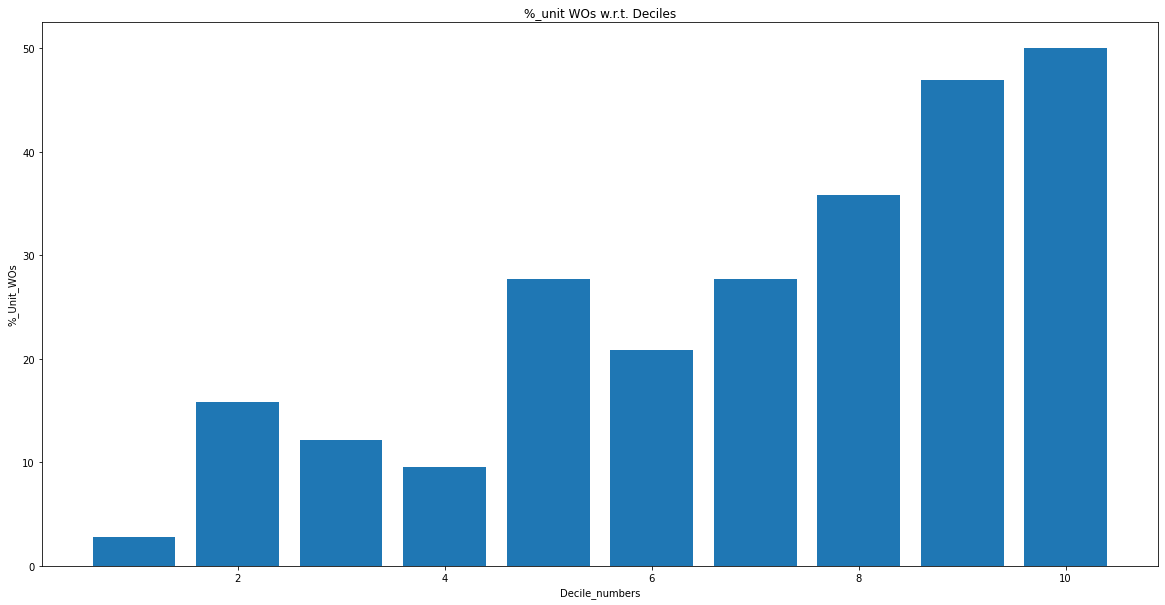


After calibration Test Set:

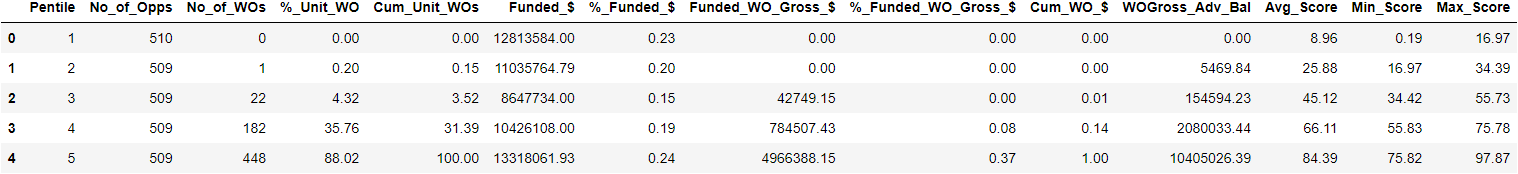
Decile Figures:

Train:

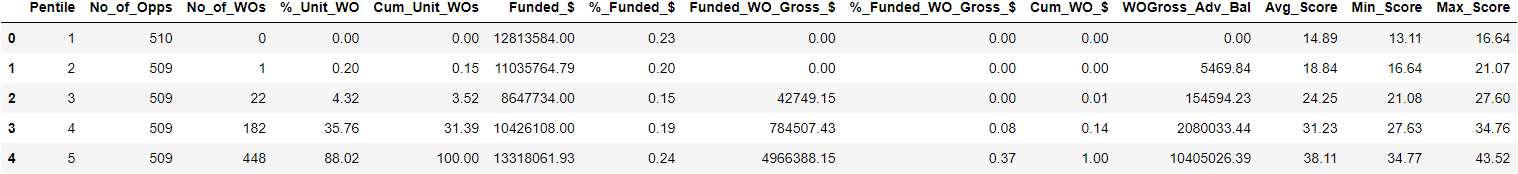
Val:

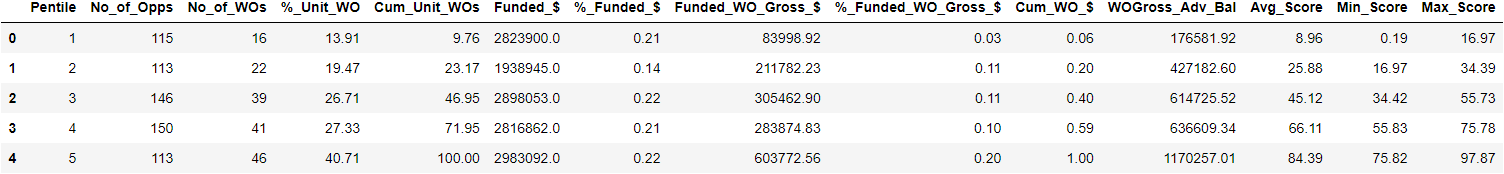
Test:

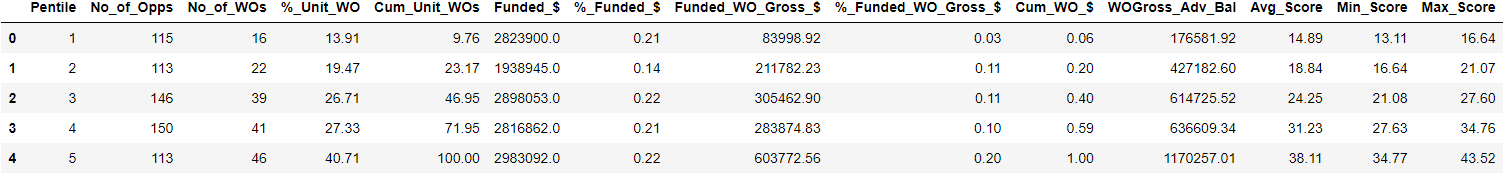
Pentiles:

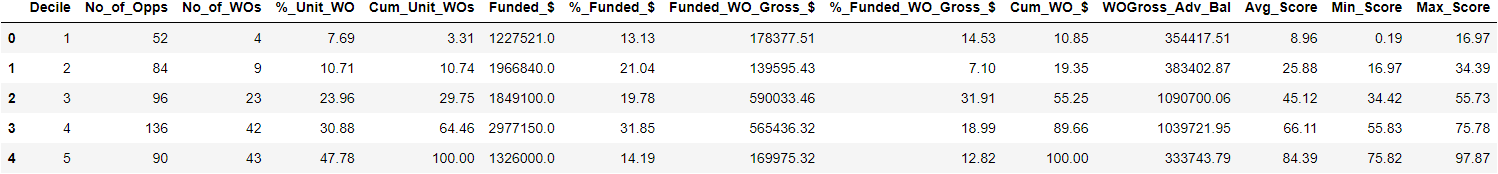
Before calibration Train set

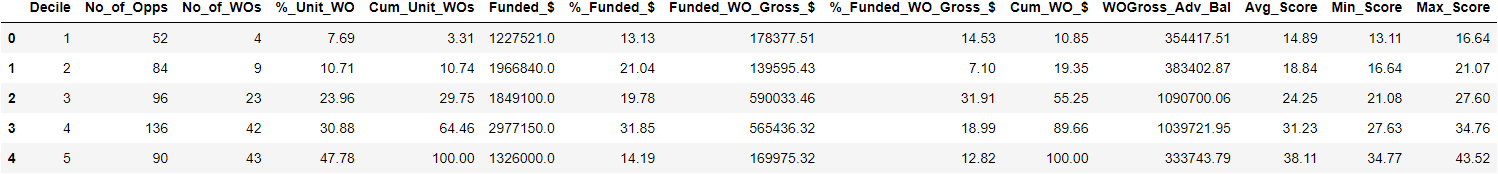
After calibration Train set:



Before calibration test set (split):

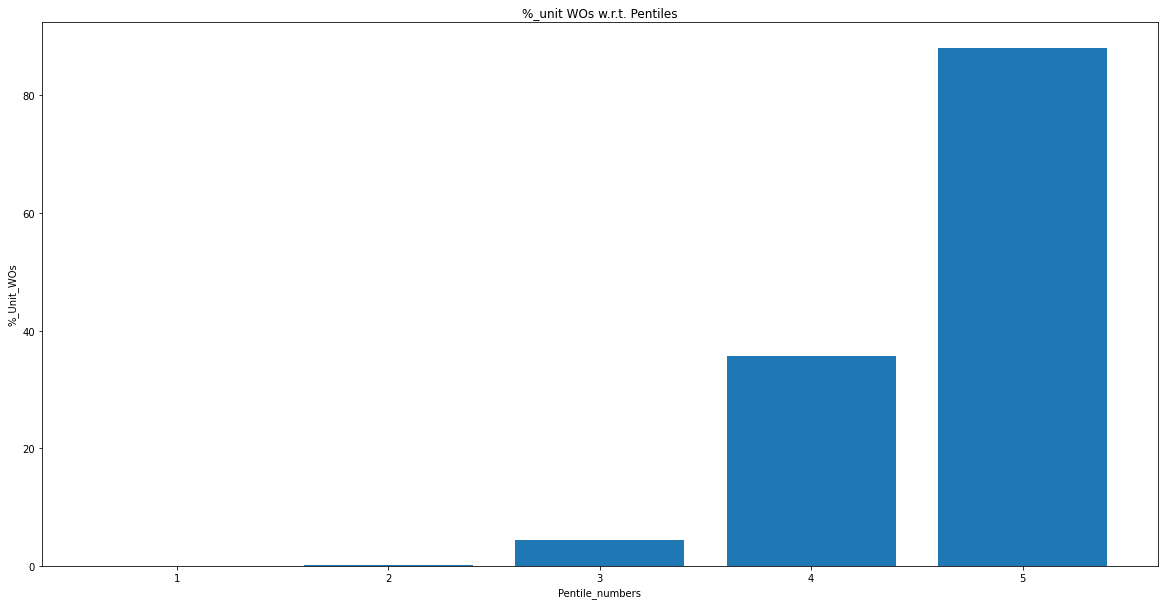
After calibration test set (split):

Before calibration Val set (unseen):

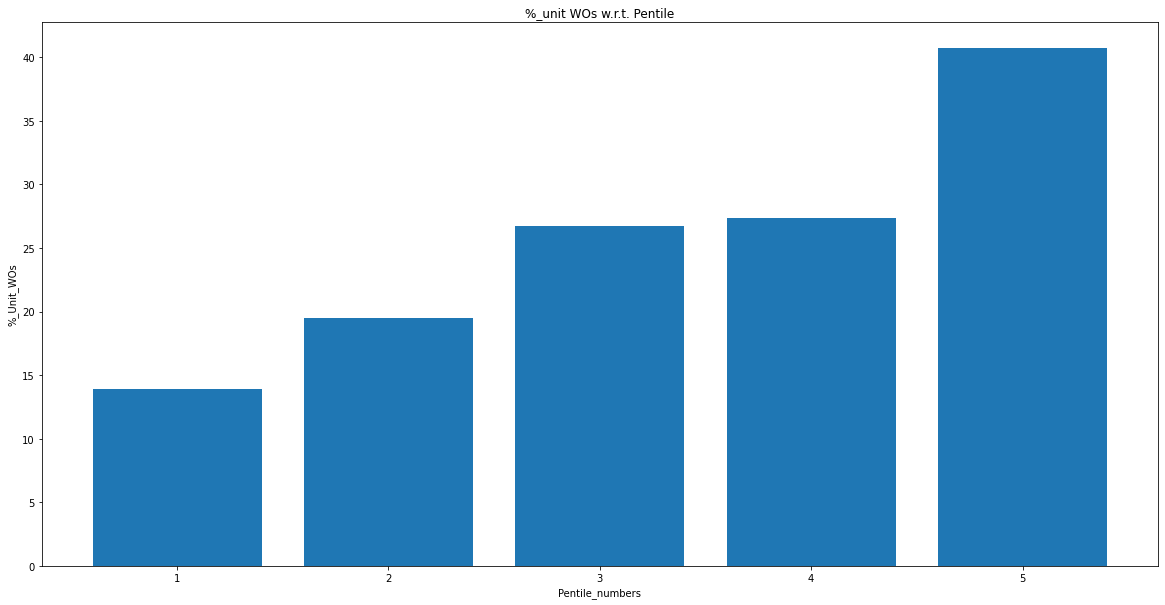
After calibration val set (unseen):

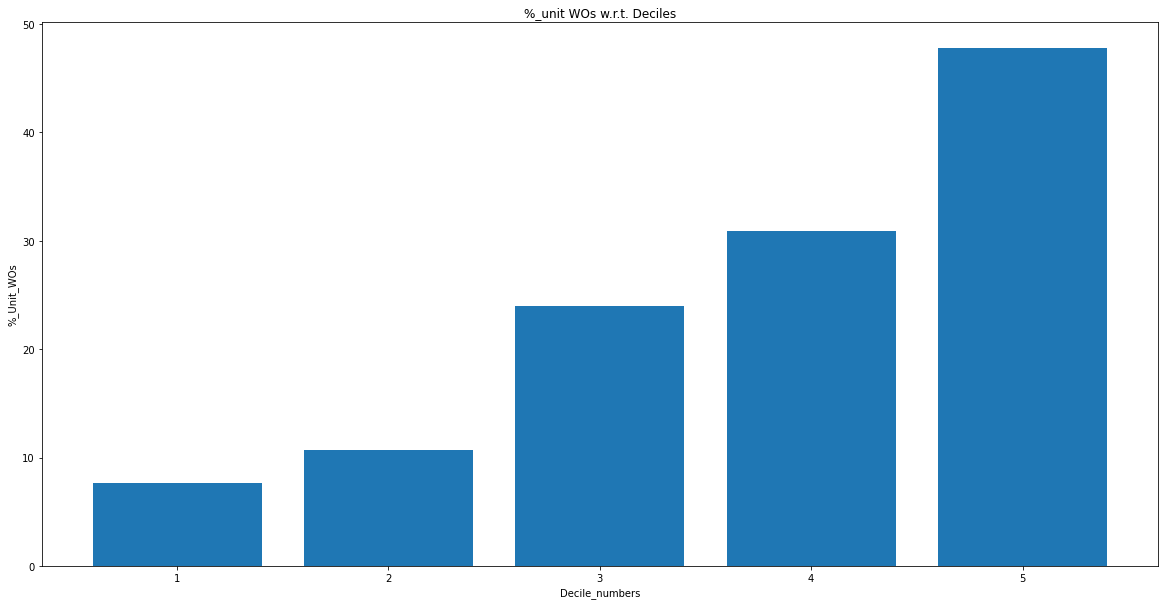
Pentile Figures:

Train:

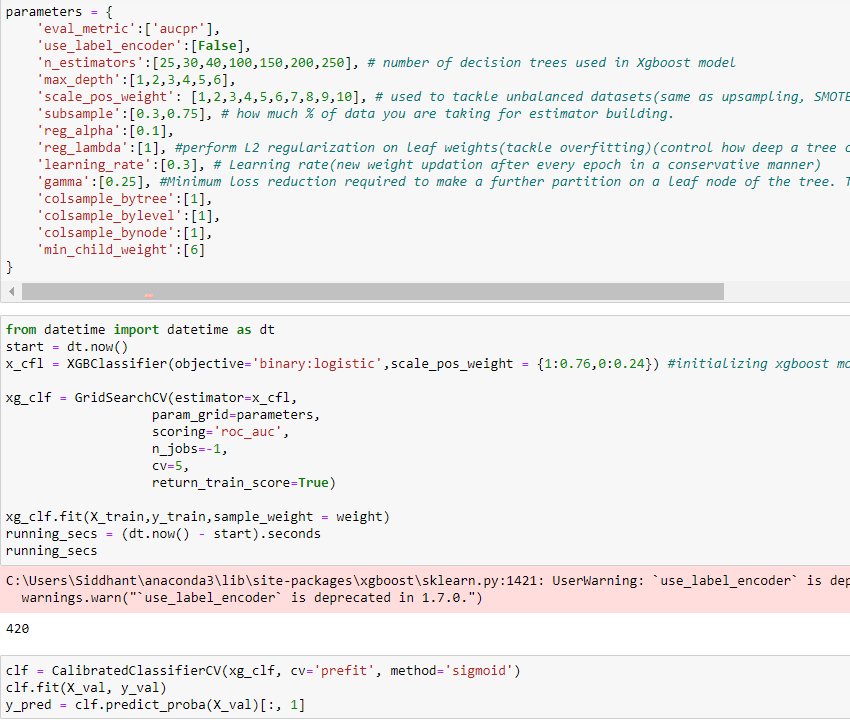


Val:

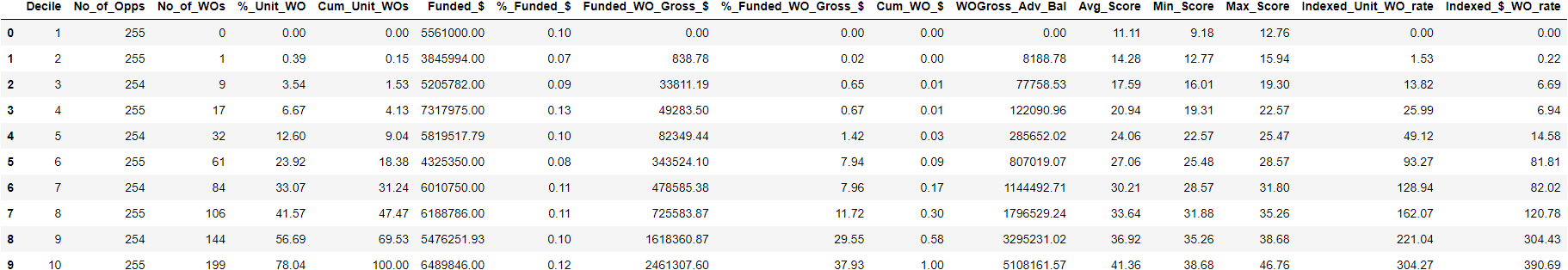


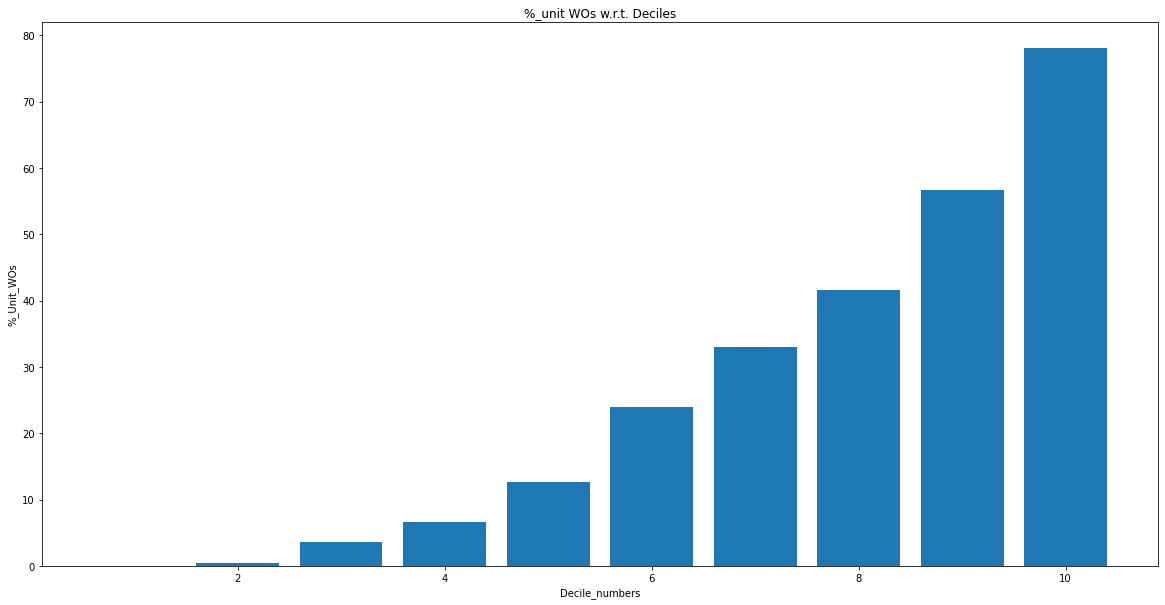
Test:

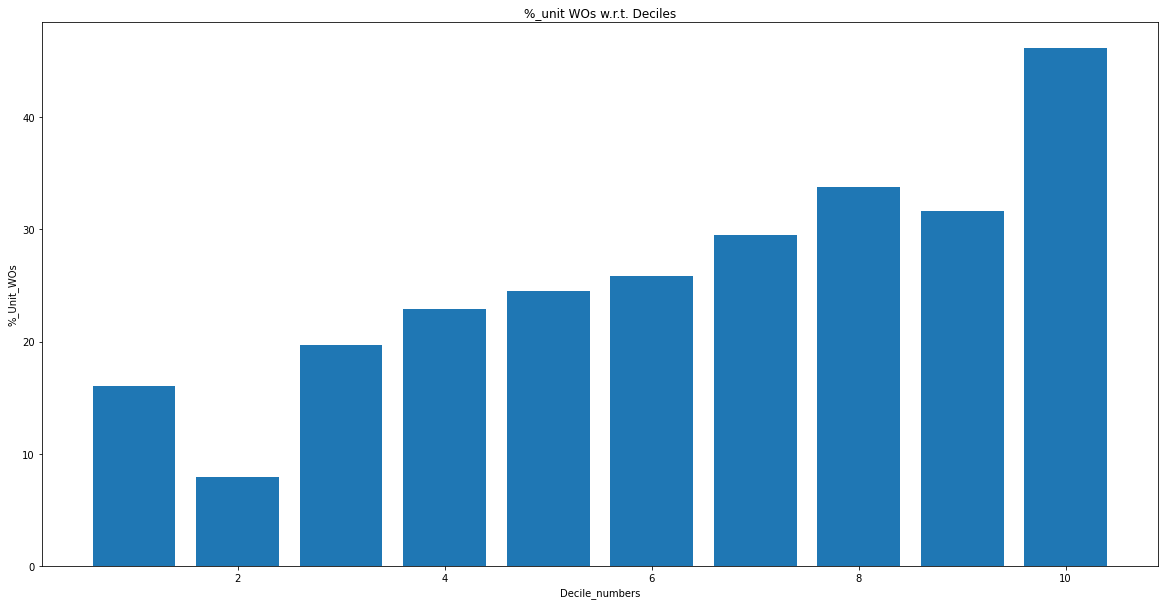
New model (after calibration) - Increasing n\_estimators (Date - 02/12/2022)

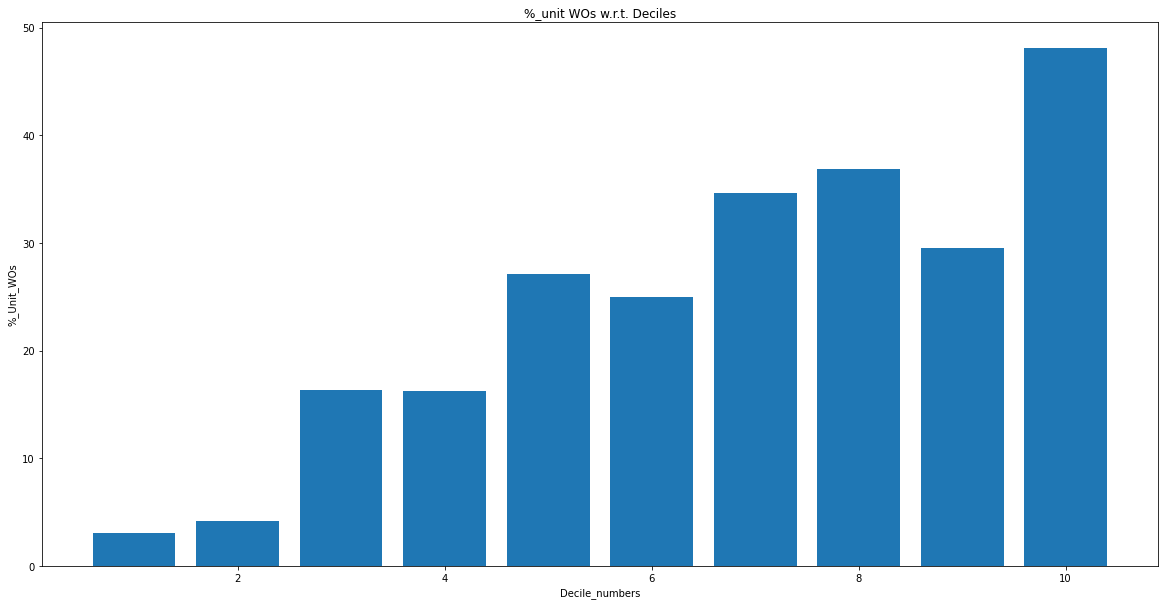
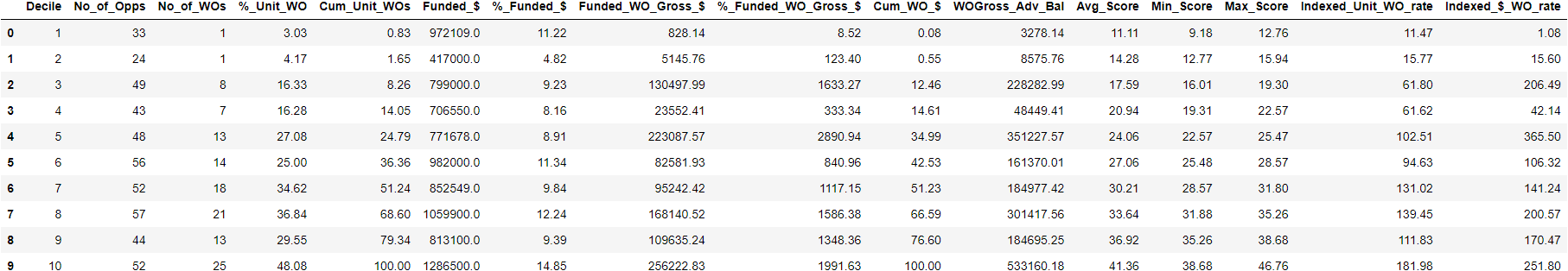
Best 50 features - Same as above

Deciles:

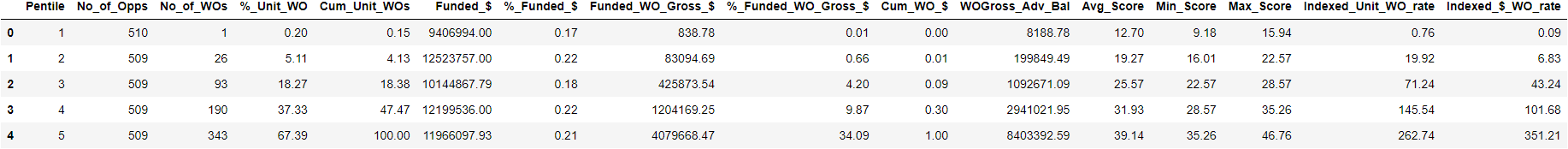
Train set

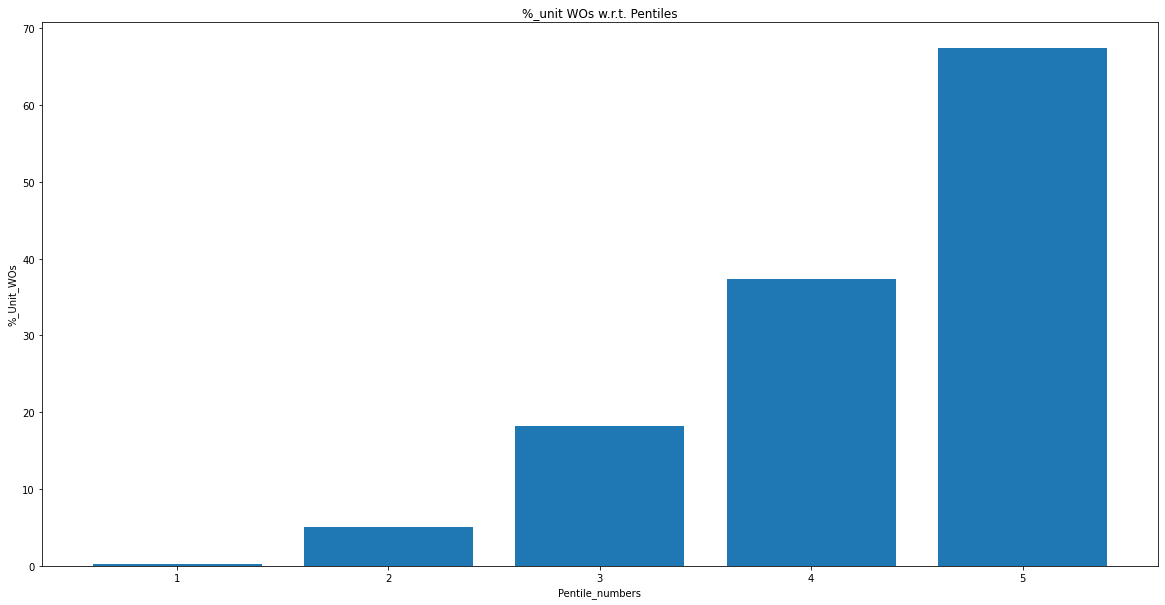


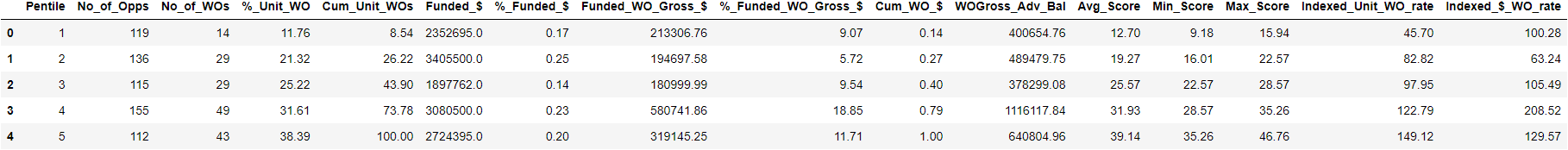
Test set (split)

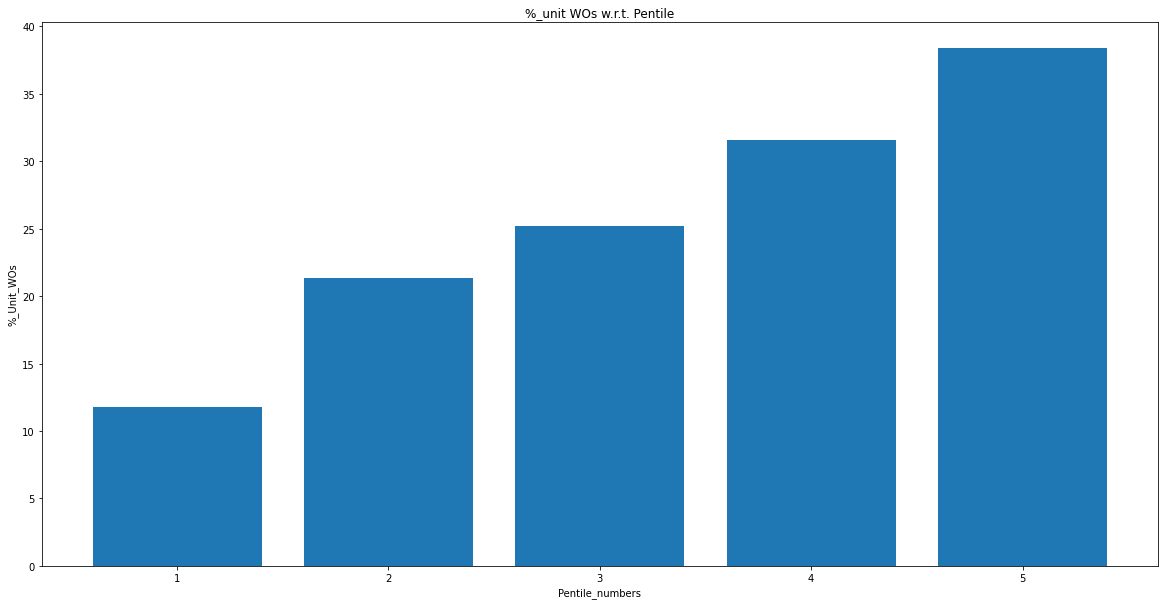
Val set

Pentiles:

Train set



Test set(split):



Val set: