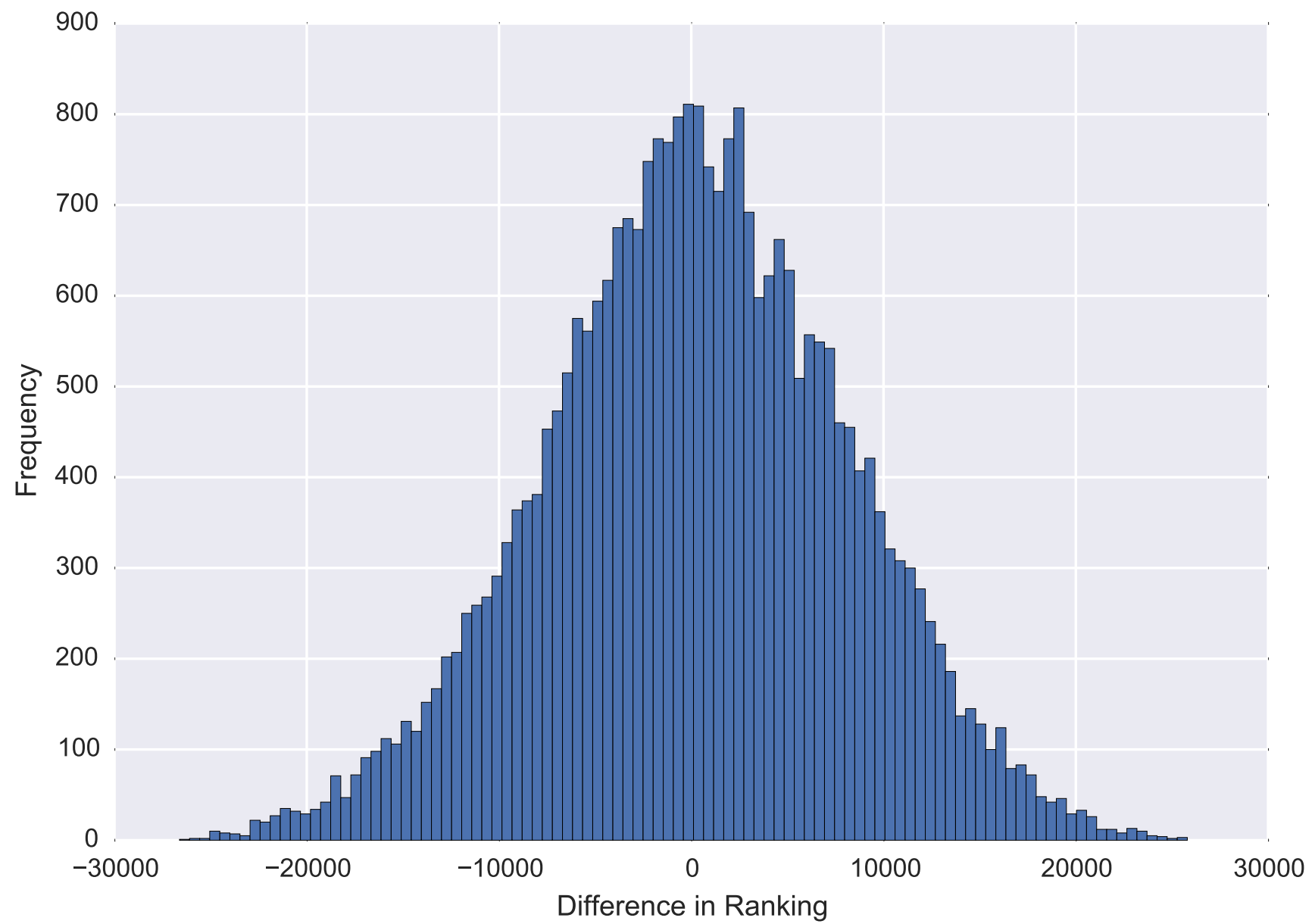
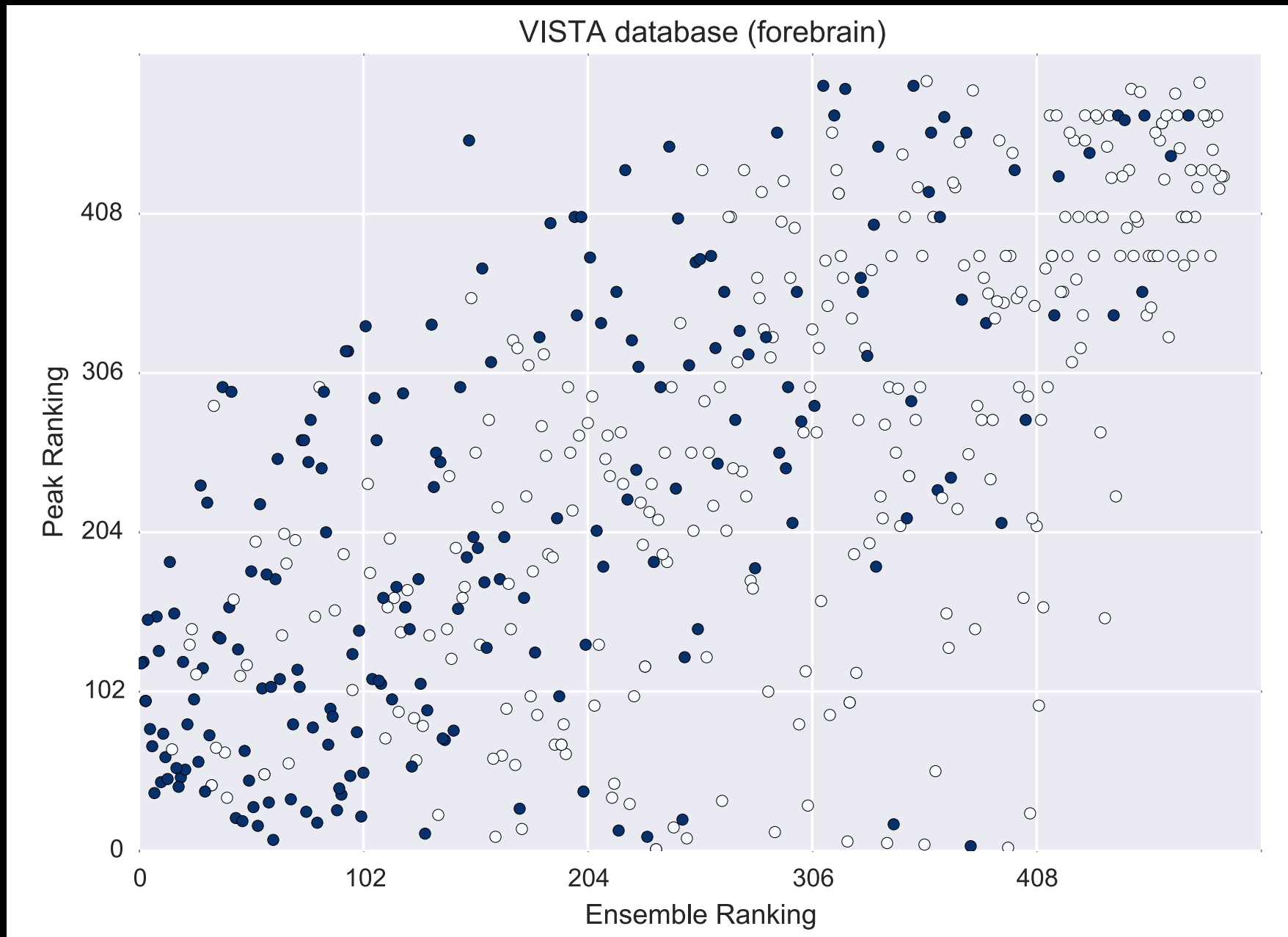


Comparing accuracy of
ensemble versus peak ordering



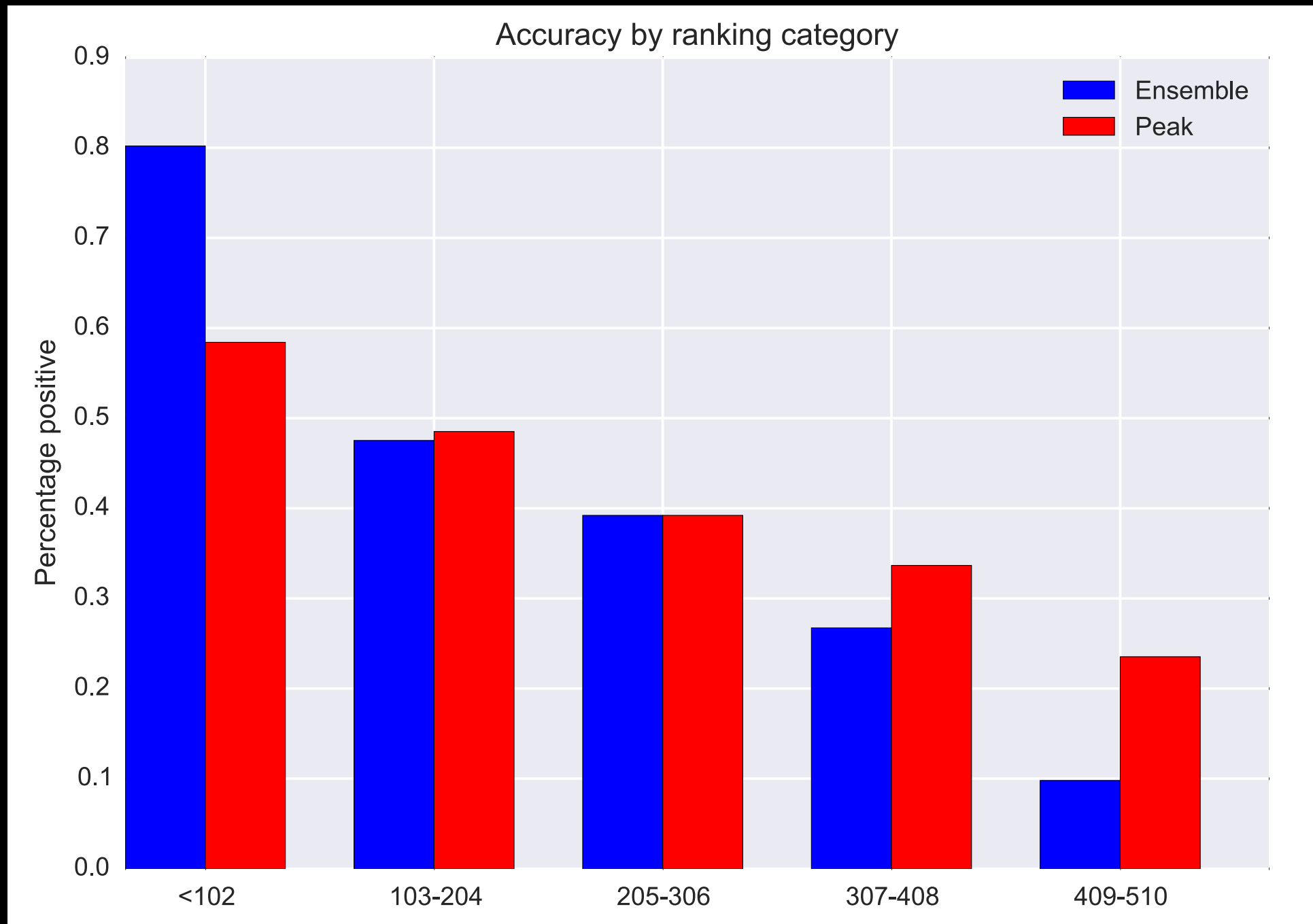
Concentrating on VISTA regions

Comparing ranking of VISTA regions



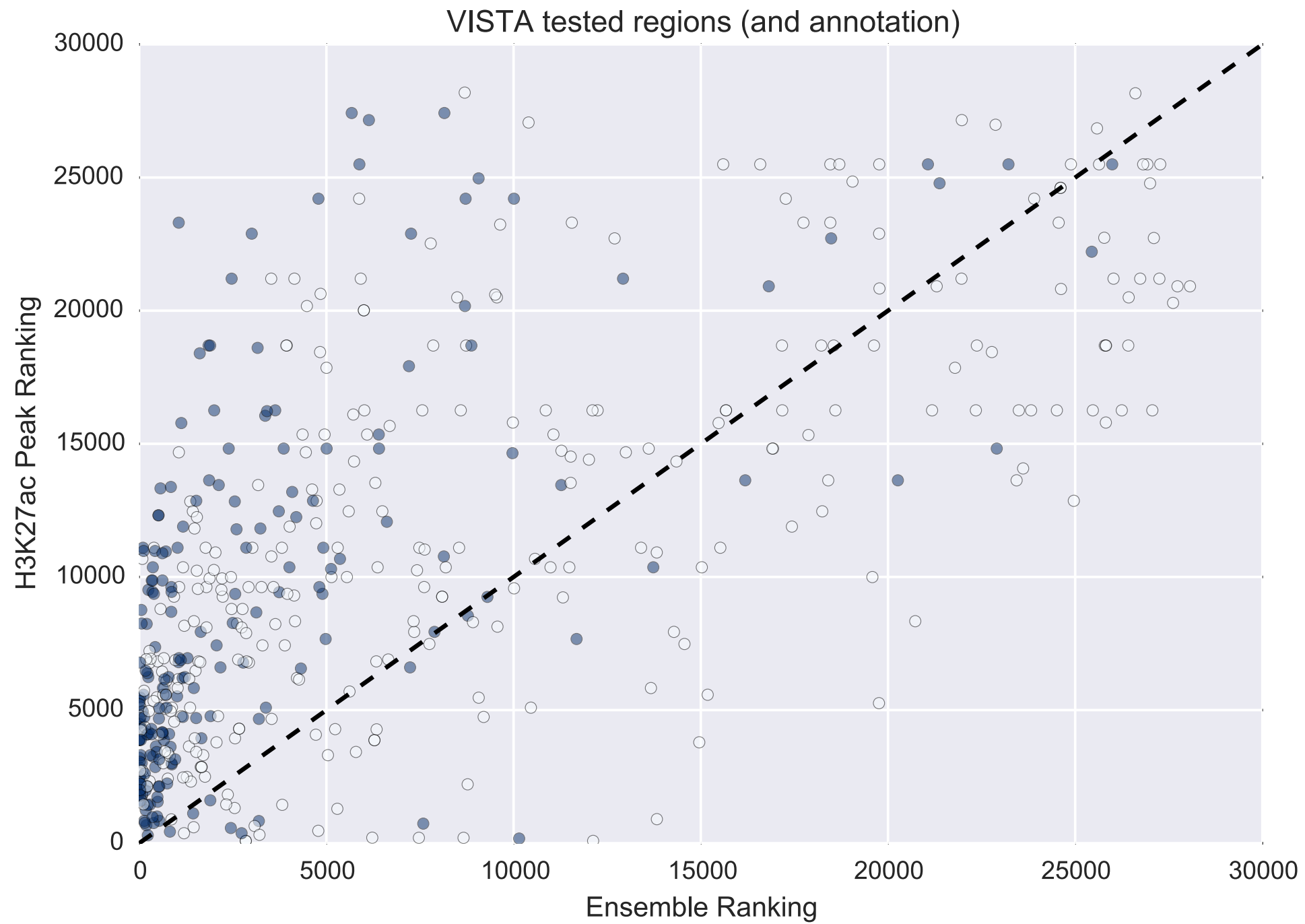
Split in to 5 bins based on ranking (grids)

Does accuracy reduce with ranking - VISTA

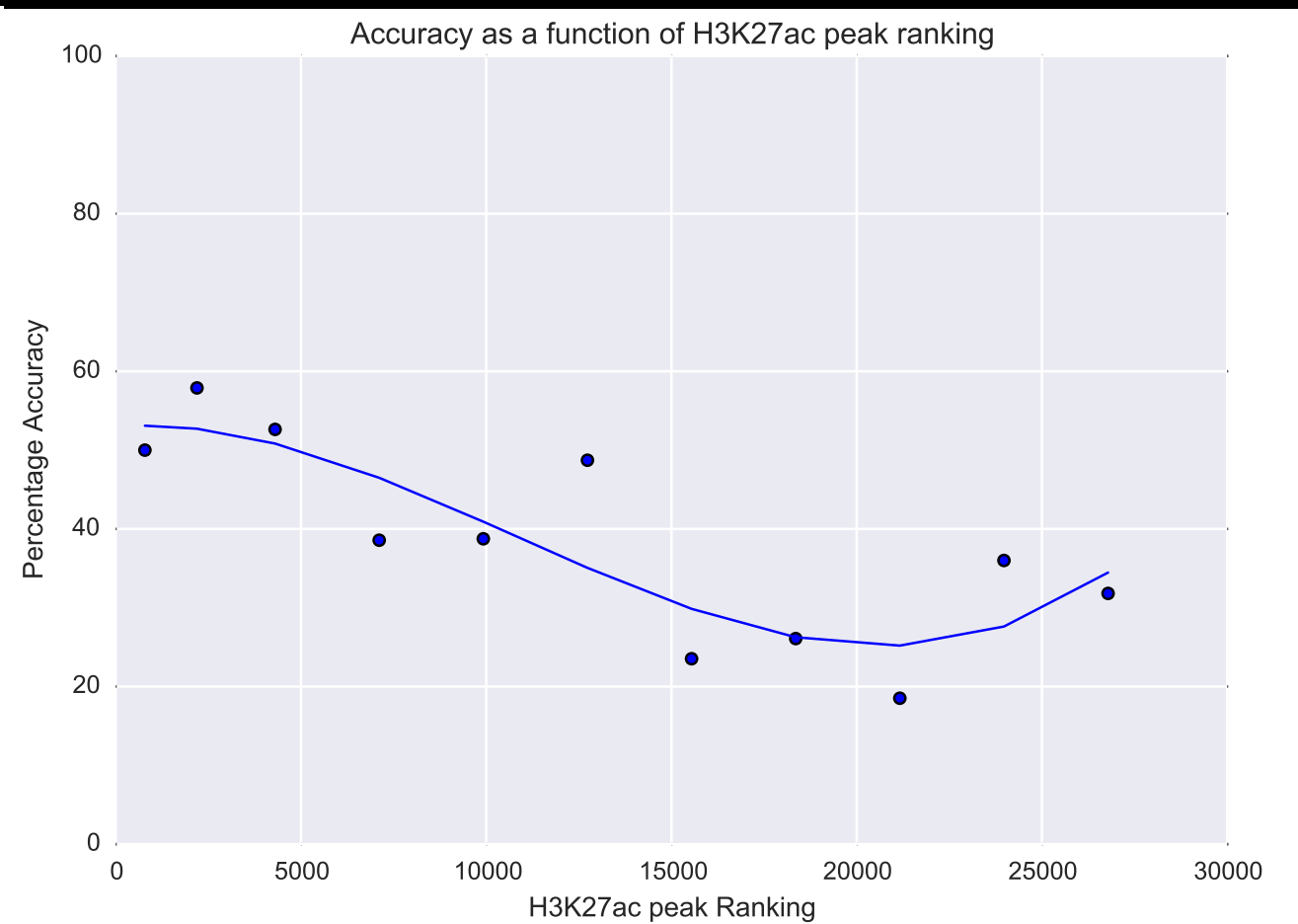
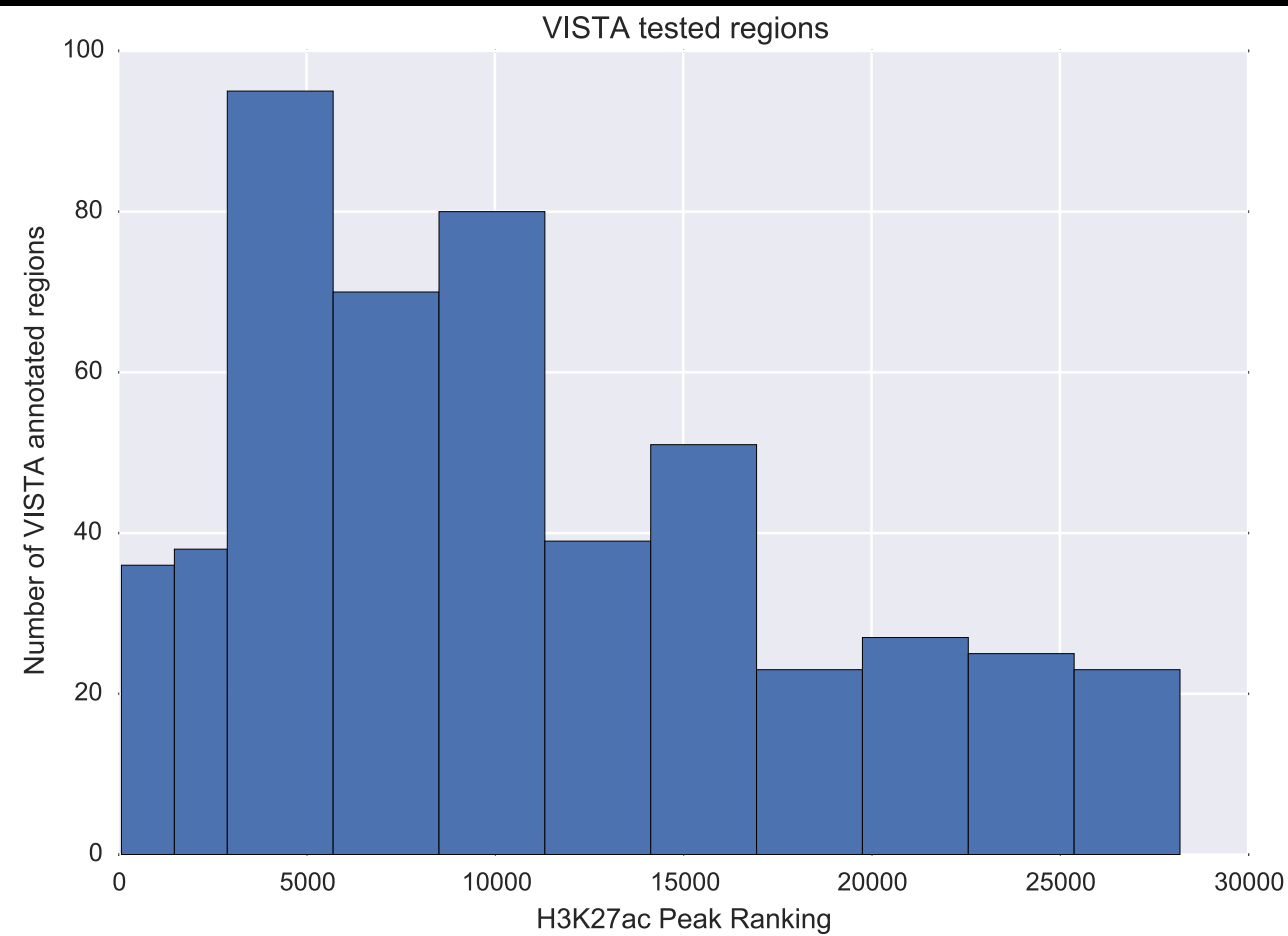


Accuracy of highest ranked VISTA regions by Ensemble method are higher

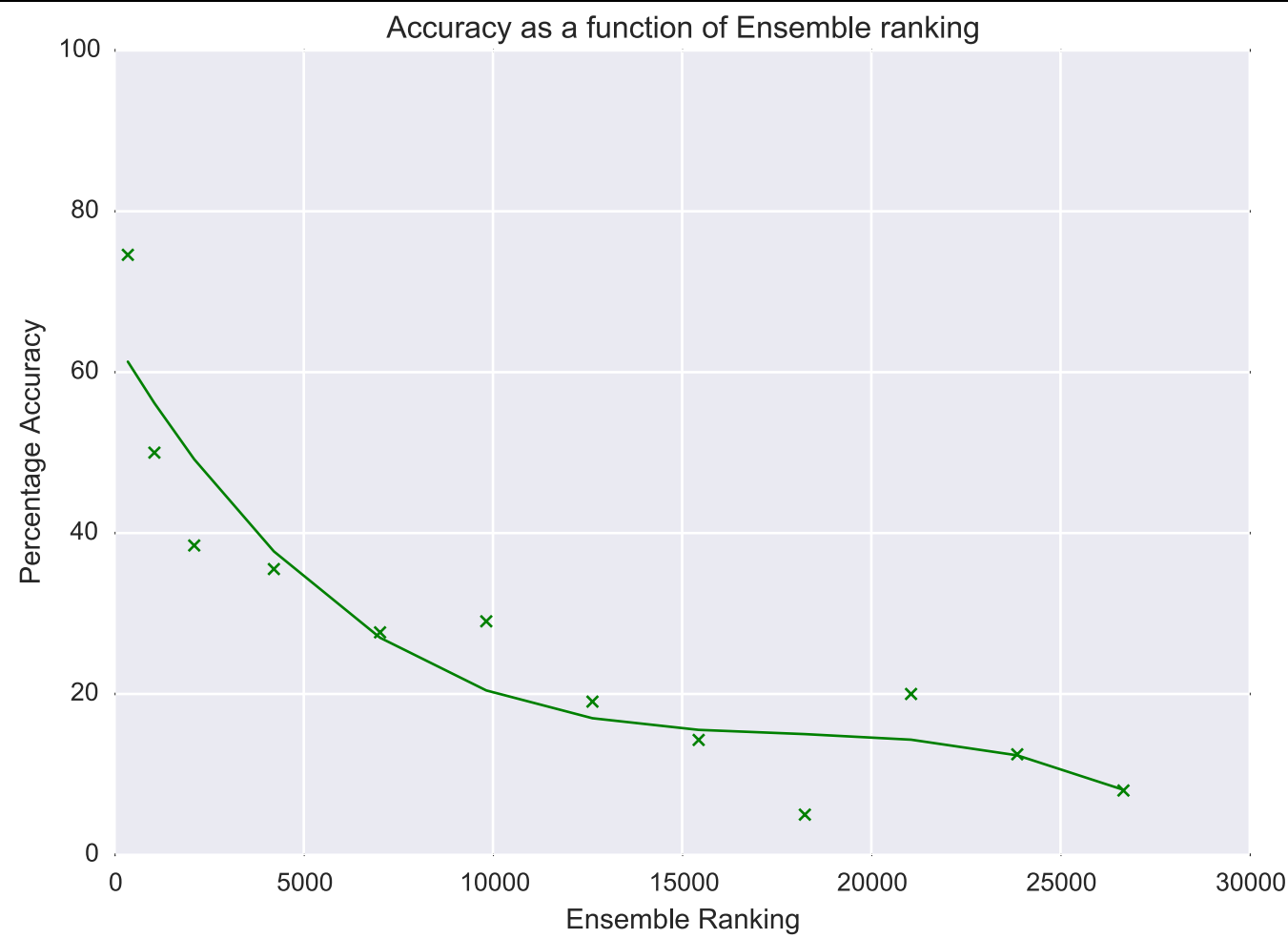
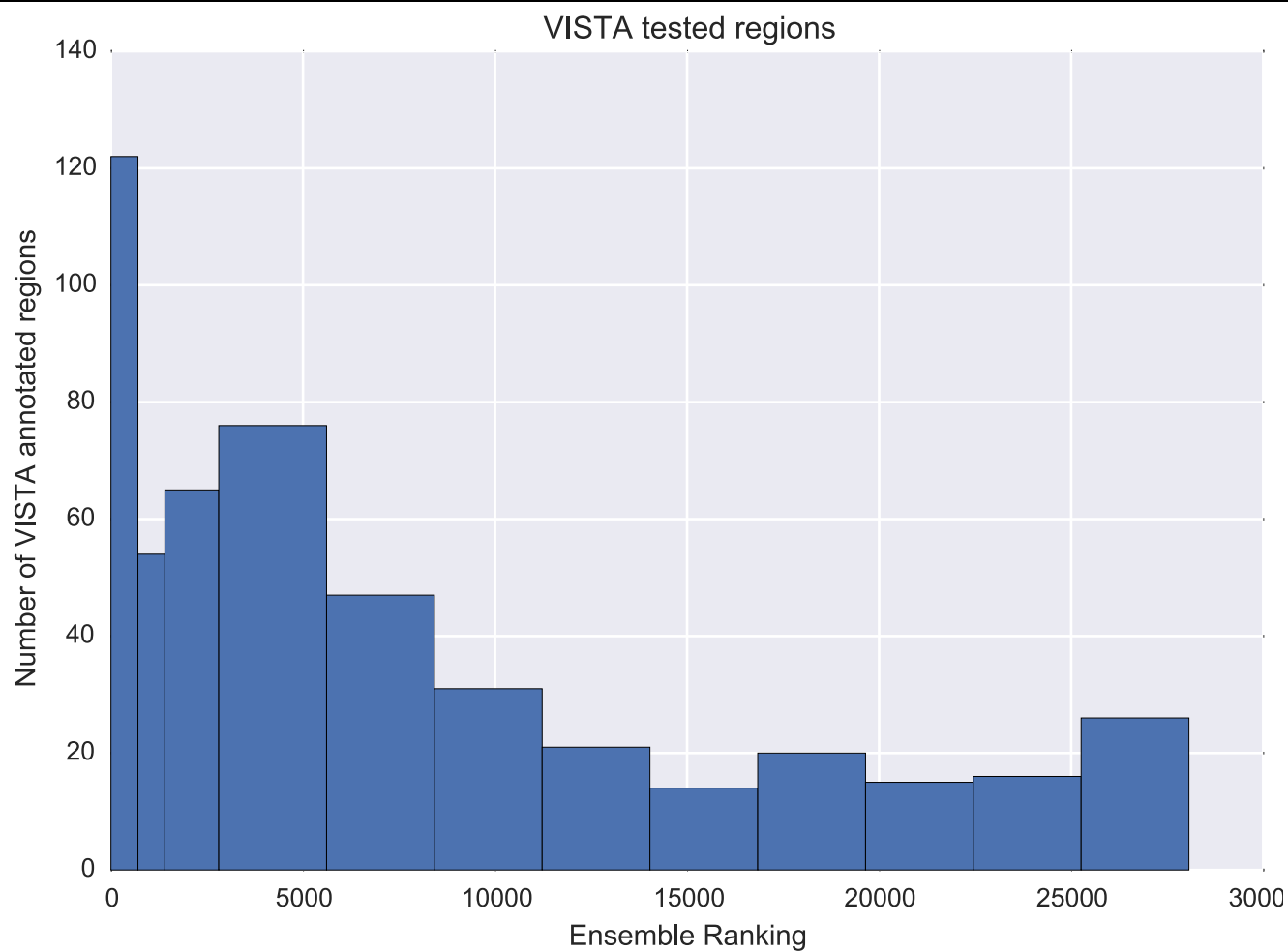
Comparing ranking of VISTA regions (full ranking)



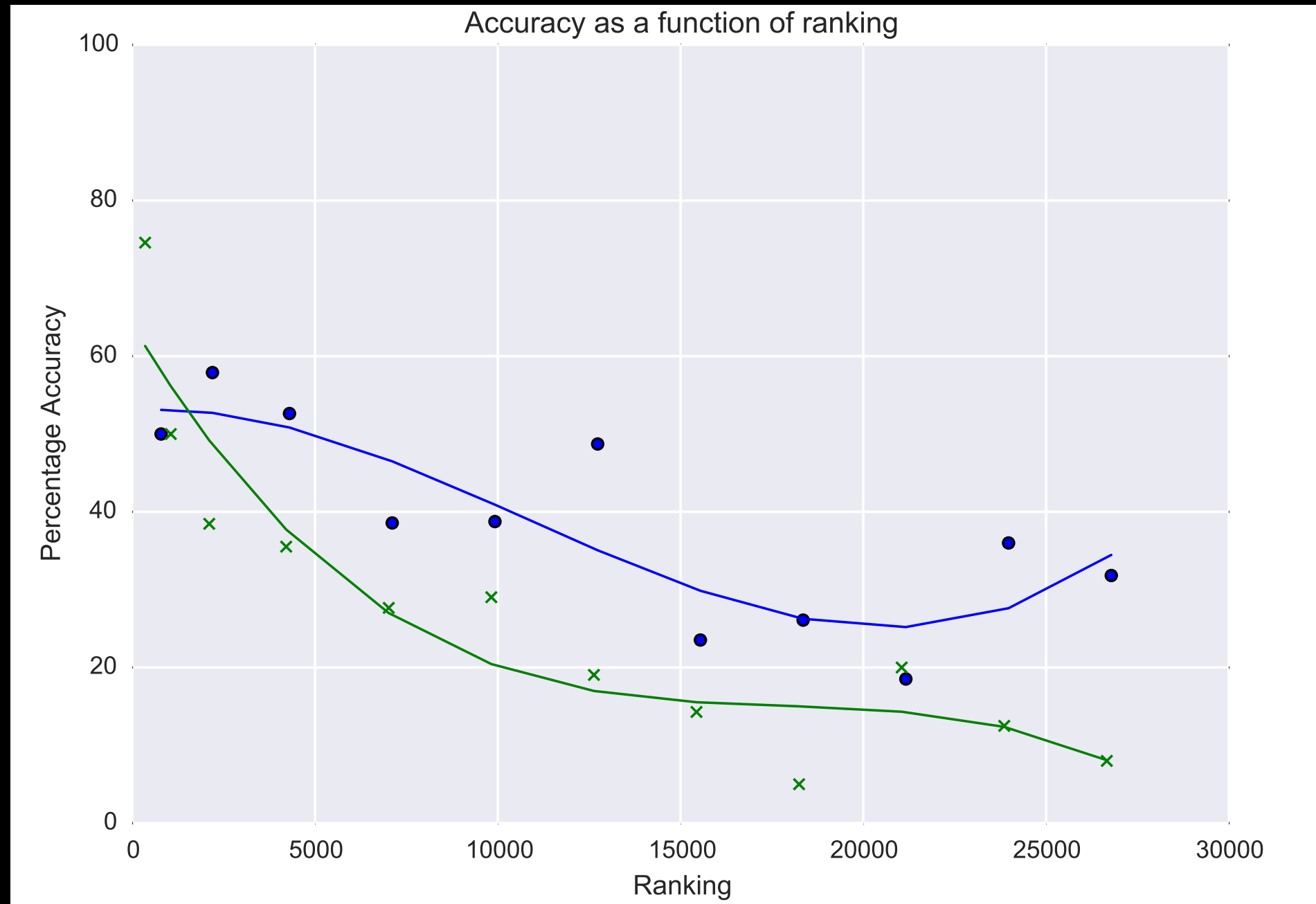
Calculating accuracy of predictions as a function of peak ranking



Calculating accuracy of predictions as a function of ensemble ranking



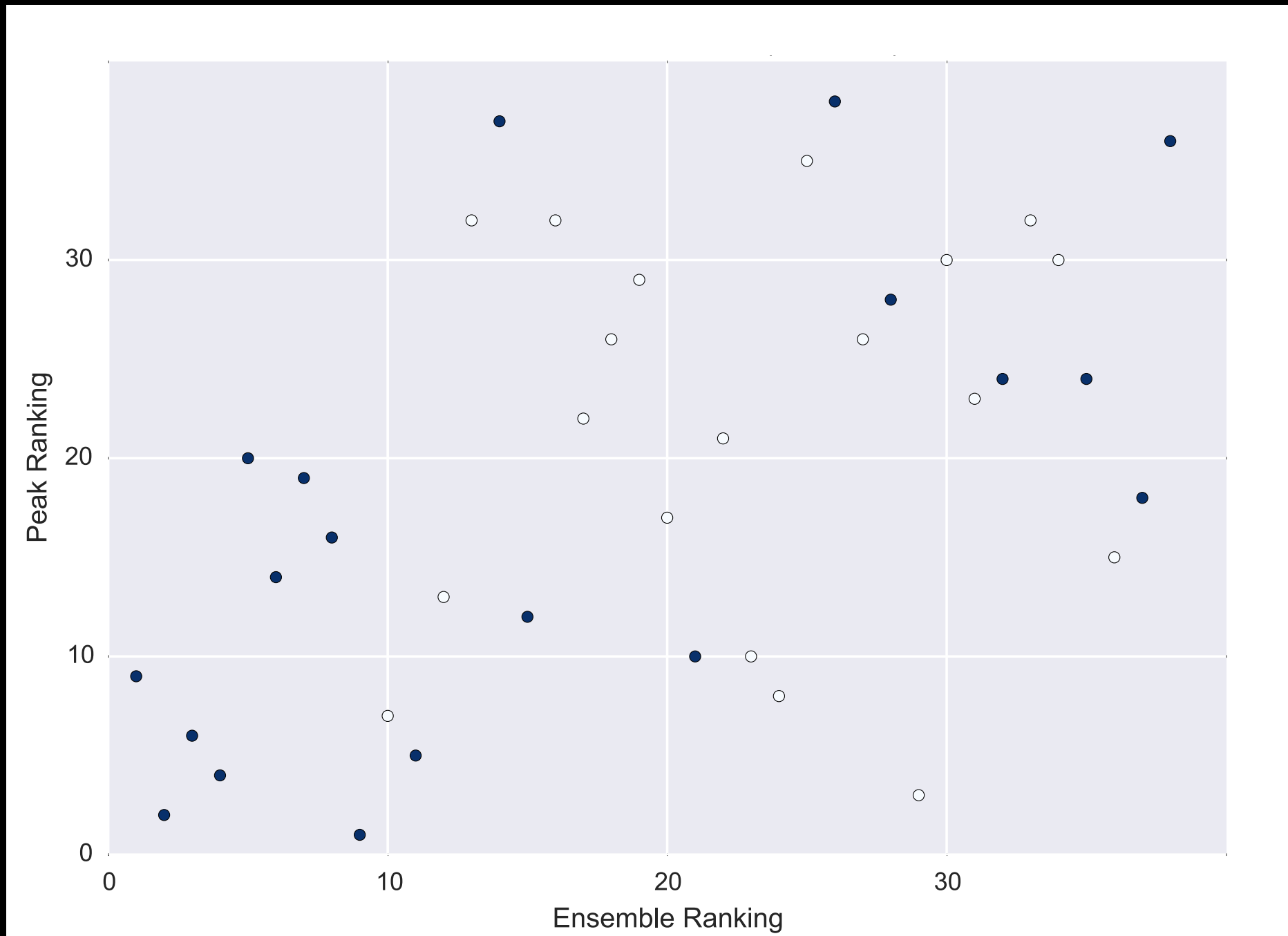
Comparing accuracy as a function of ranking (Head to head)



Concentrating on new ENCODE phase 2 (2015) results

Pros - Prospective rather than retrospective - not trained for this data.
Cons - Very few data points and results are bound to be noisy.

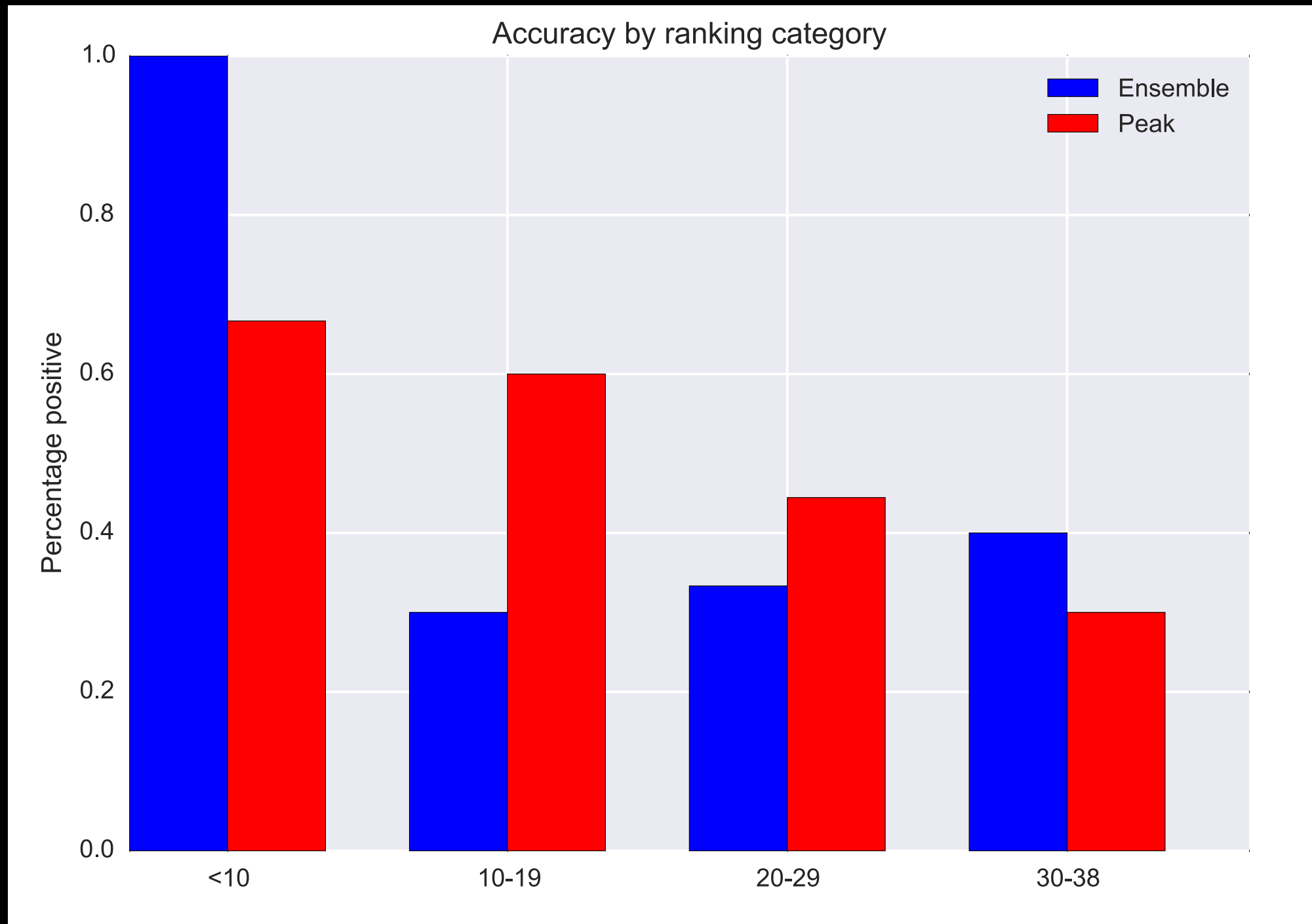
Comparing ranking of ENCODE phase 2 (2015) dataset



positives - filled circles
negatives - empty circles

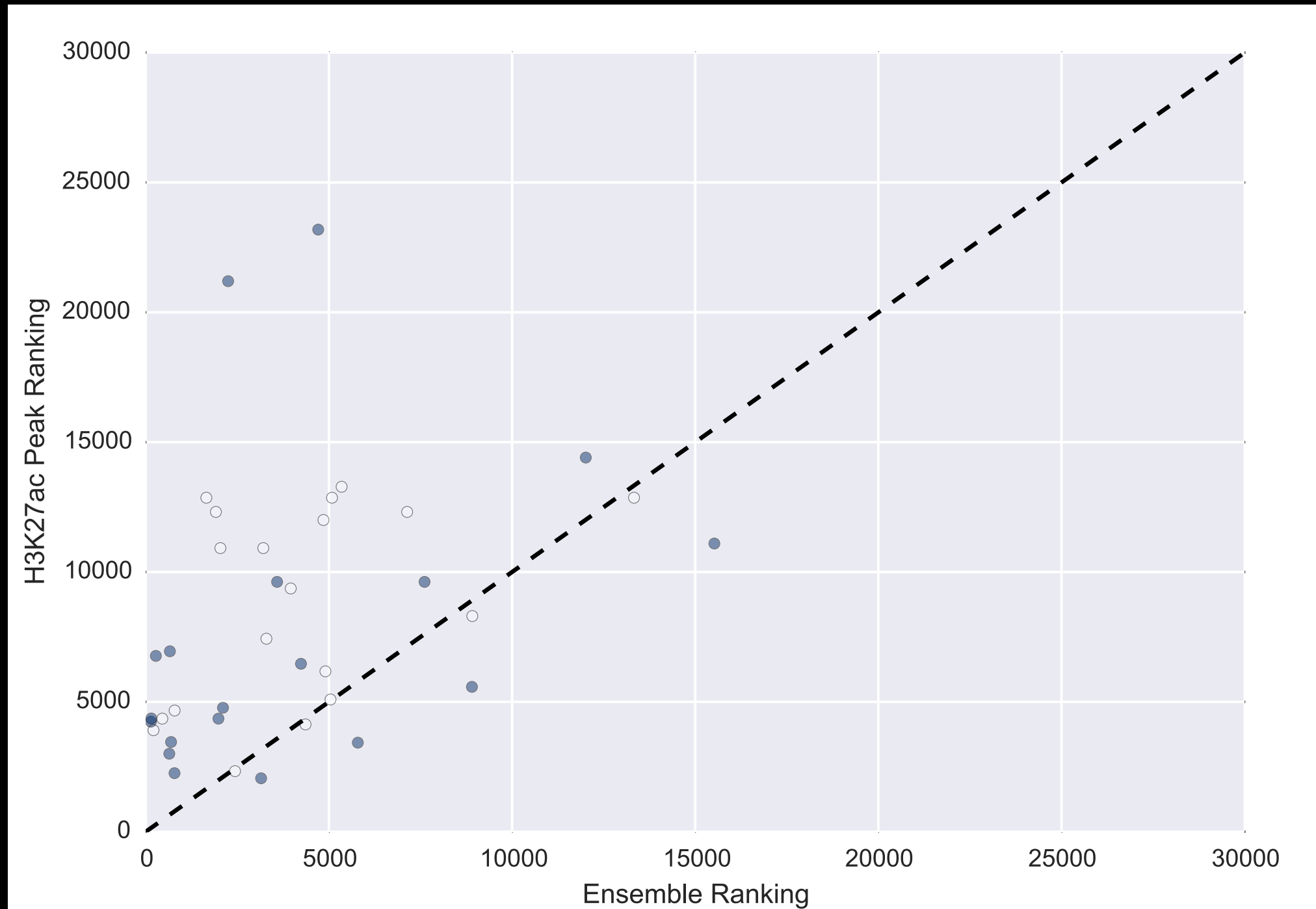
Split in to 4 bins based on ranking (grids)

Does accuracy reduce with ranking - ENCODE phase 2 (2015) dataset

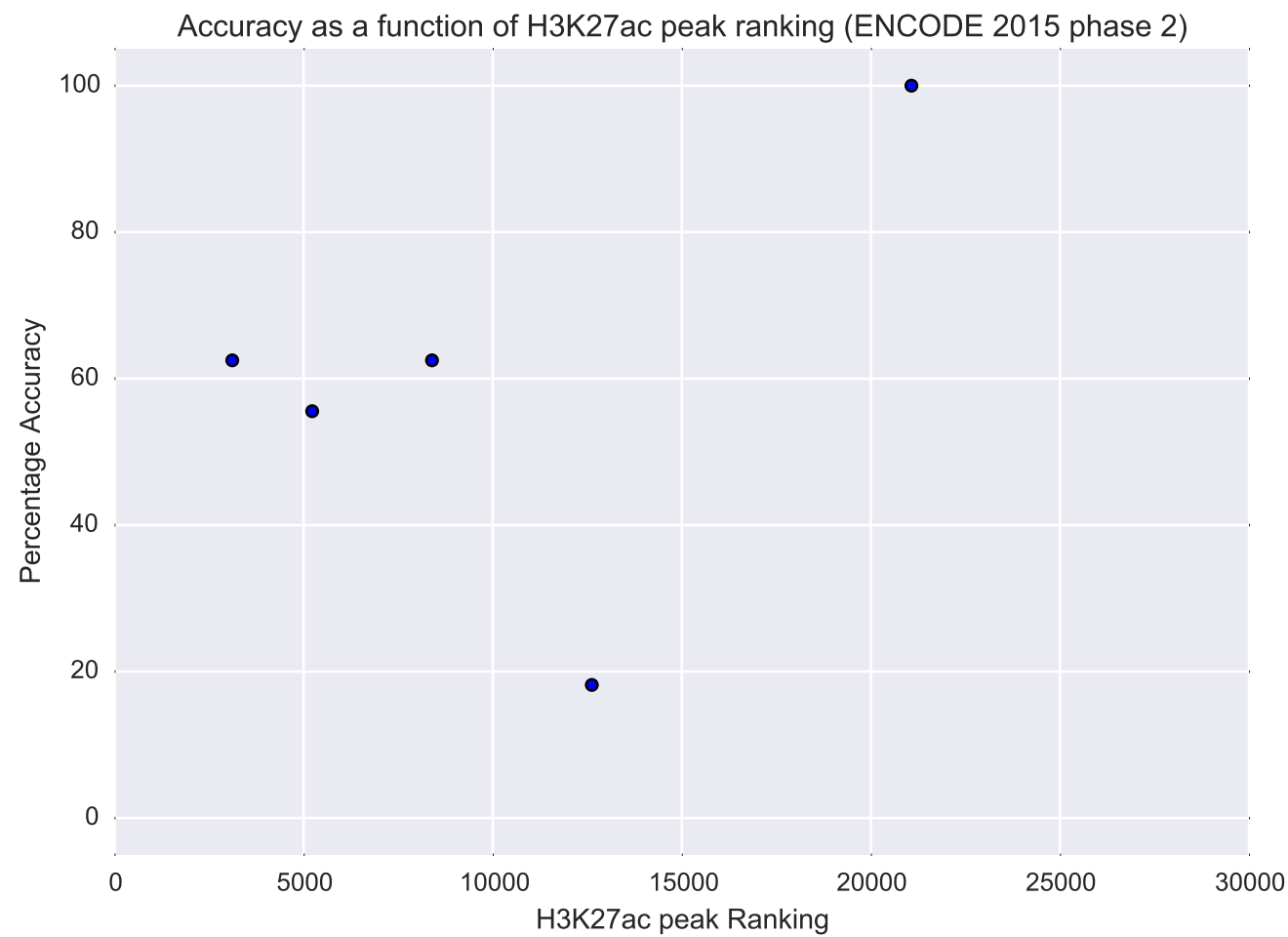
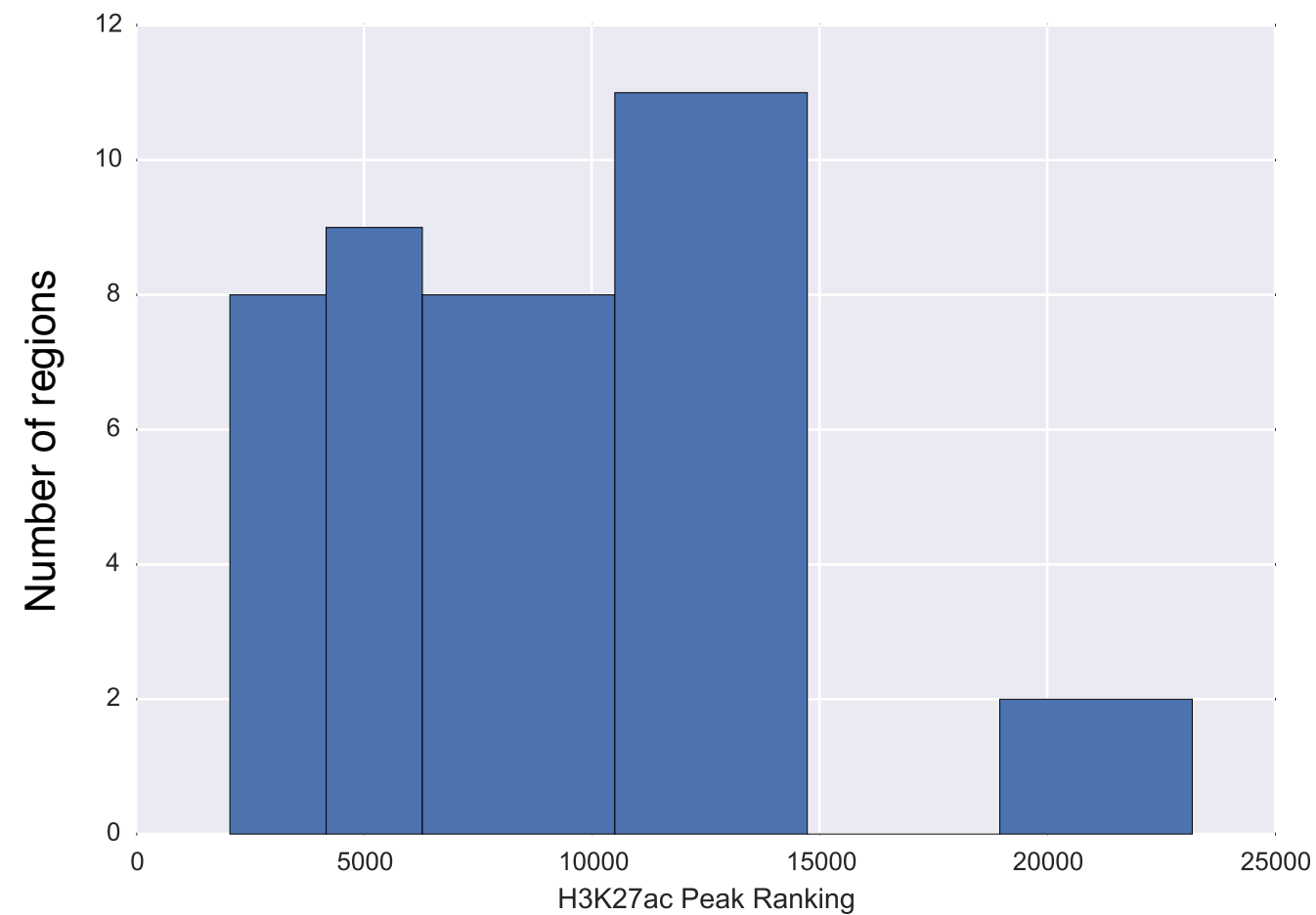


Higher accuracy for highest ranked regions by Ensemble method

Comparing ranking of ENCODE phase 2 regions (full ranking

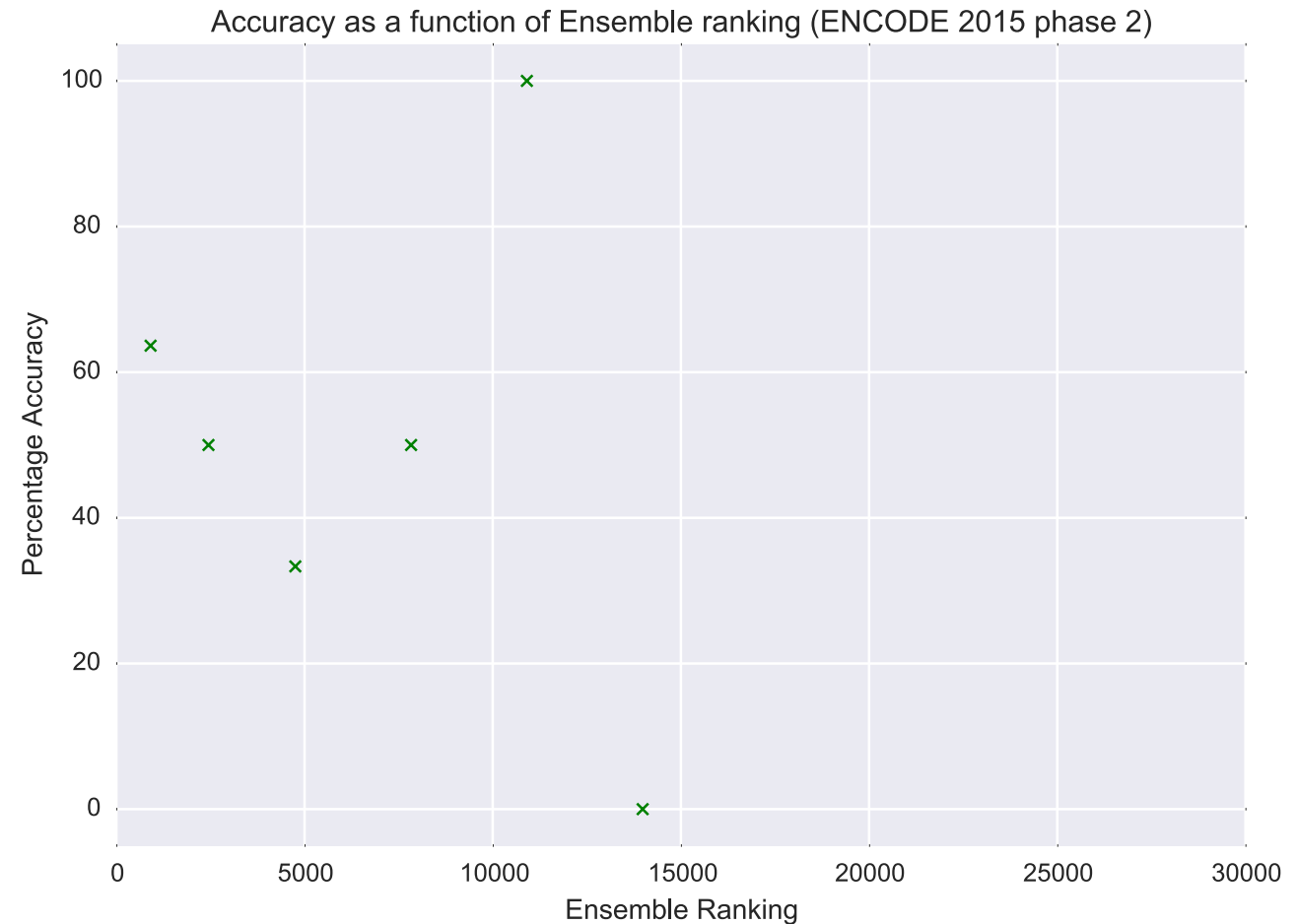
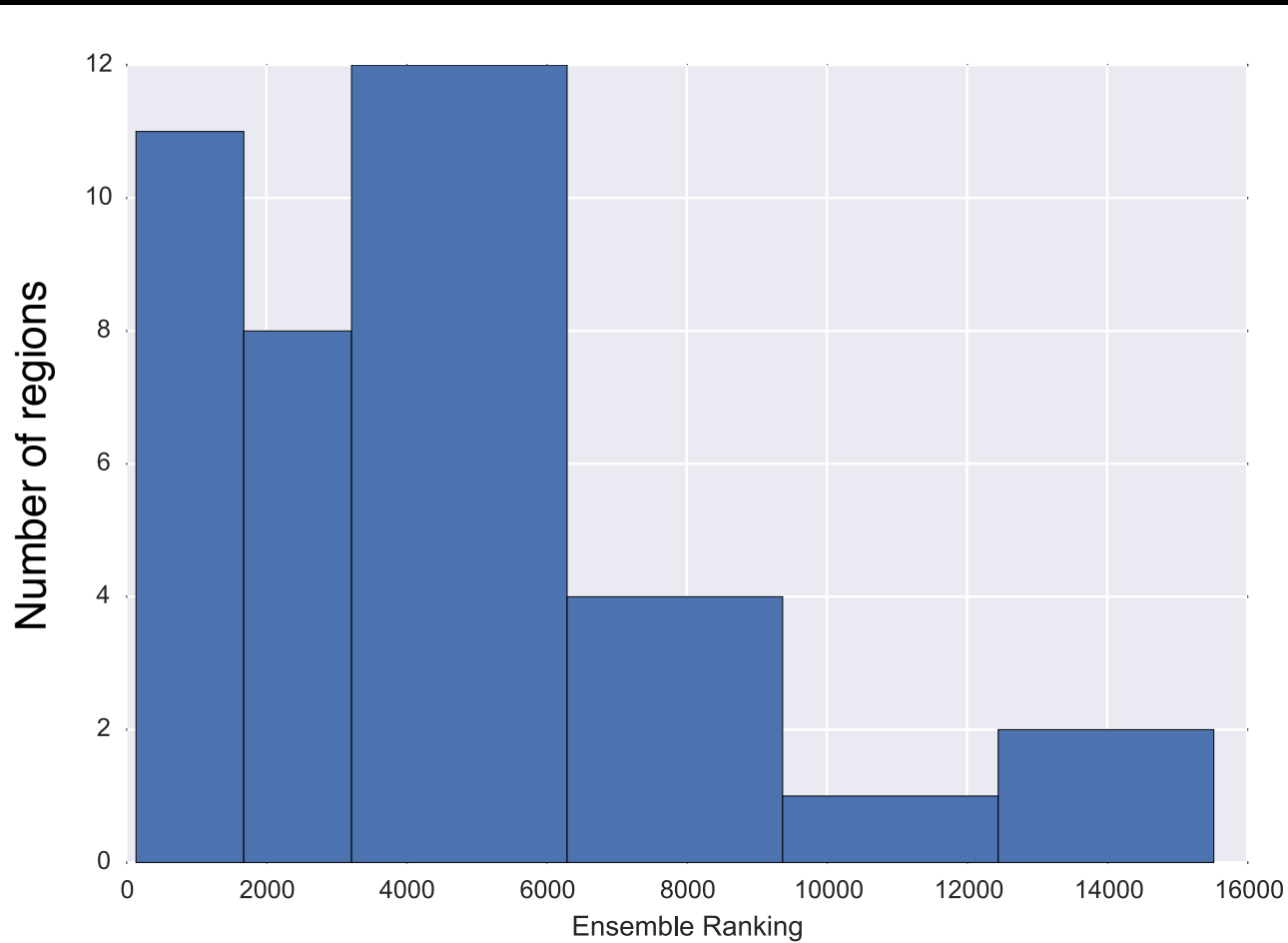


Calculating accuracy of predictions as a function of H3K27ac peak ranking (ENCODE 2015)



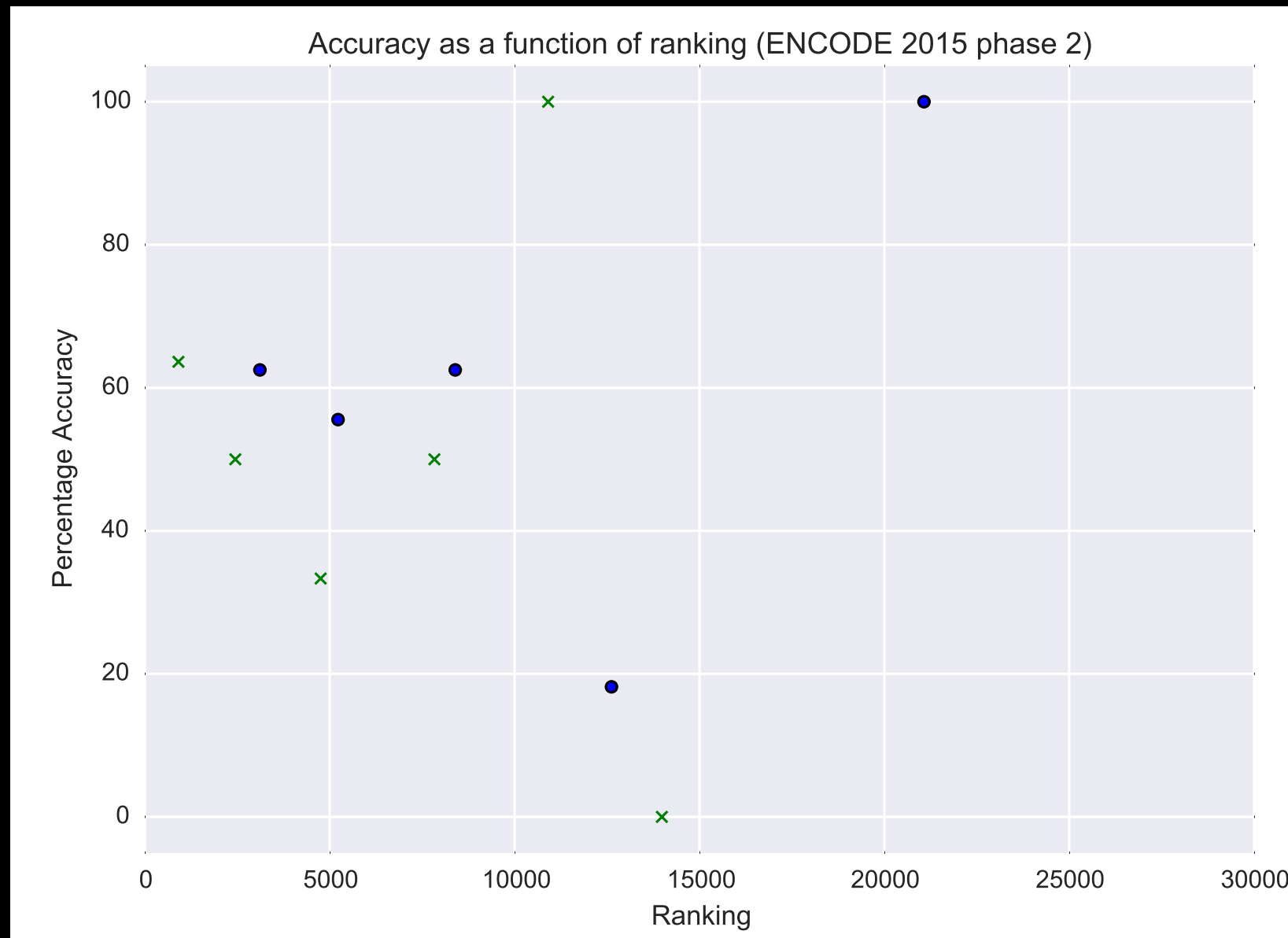
Too noisy to make conclusions except that some of the best ranking predictions are good

Calculating accuracy of predictions as a function of ensemble ranking (ENCODE 2015)



Too noisy to make conclusions except that some of the best ranking predictions are good

Comparing accuracy as a function of ranking (Head to head - ENCODE 2015)



Too noisy to make conclusions except that some of the best ranking predictions (both methods) are good