Visual representation of Lipinski's descriptors

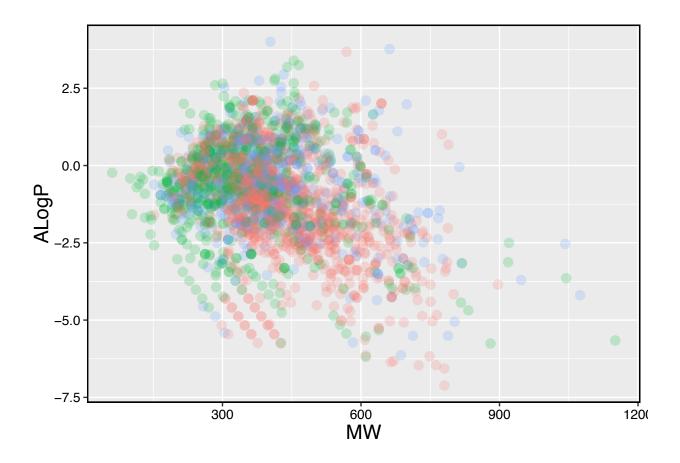
Saw Simeon
June 7, 2016

Chemical space of AChE inhibitors

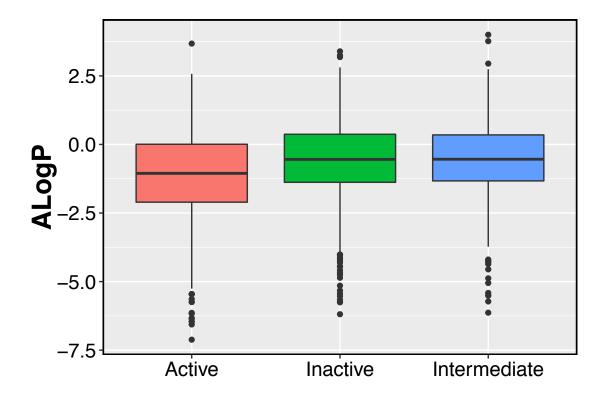
Convert IC50 to pIC50 as well as binning the activity (i.e., Active, Inactive and Intermediate)

Visualization of Lipinski's descriptors

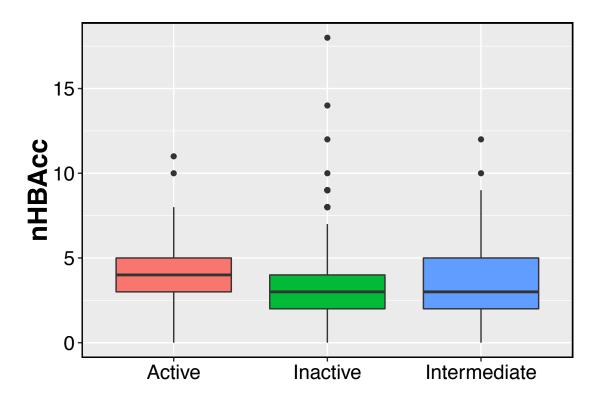
Chemical space of AChE inhibitors are shown as actives (green), inactives (red) and intermediates (blue)



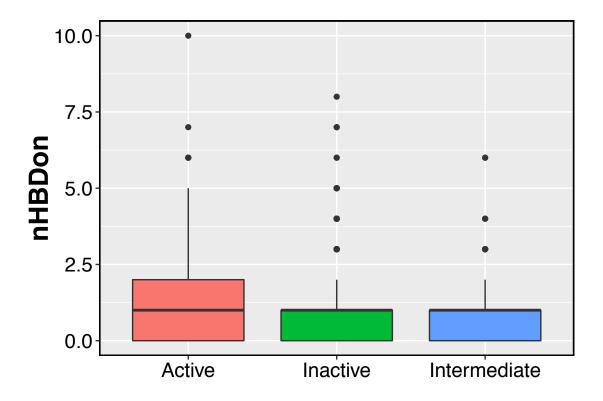
Boxplot of Lipinski's rule-of-five descriptors (ALog)



Boxplot of Lipinski's rule-of-five descriptors (nHBAcc)



Boxplot of Lipinski's rule-of-five descriptors (nHBDon)



Boxplot of Lipinski's rule-of-five descriptors (MW)

