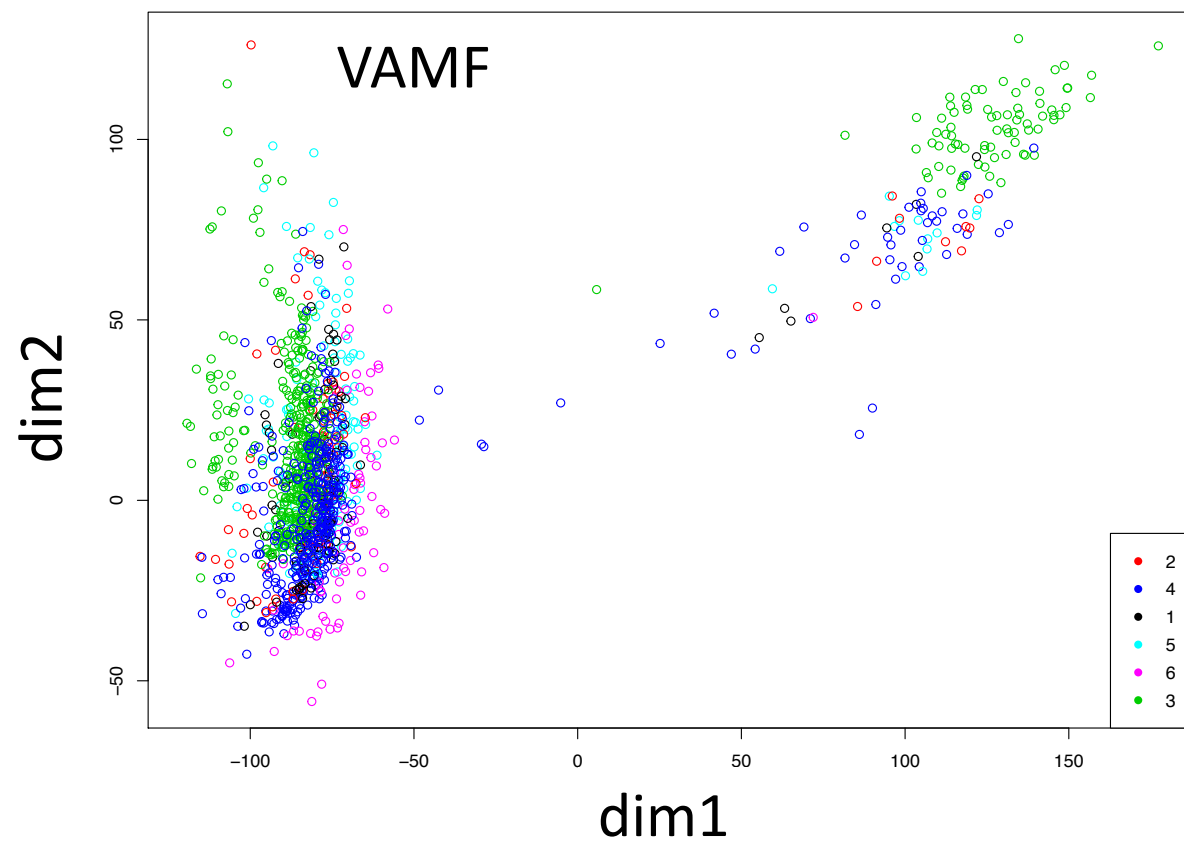
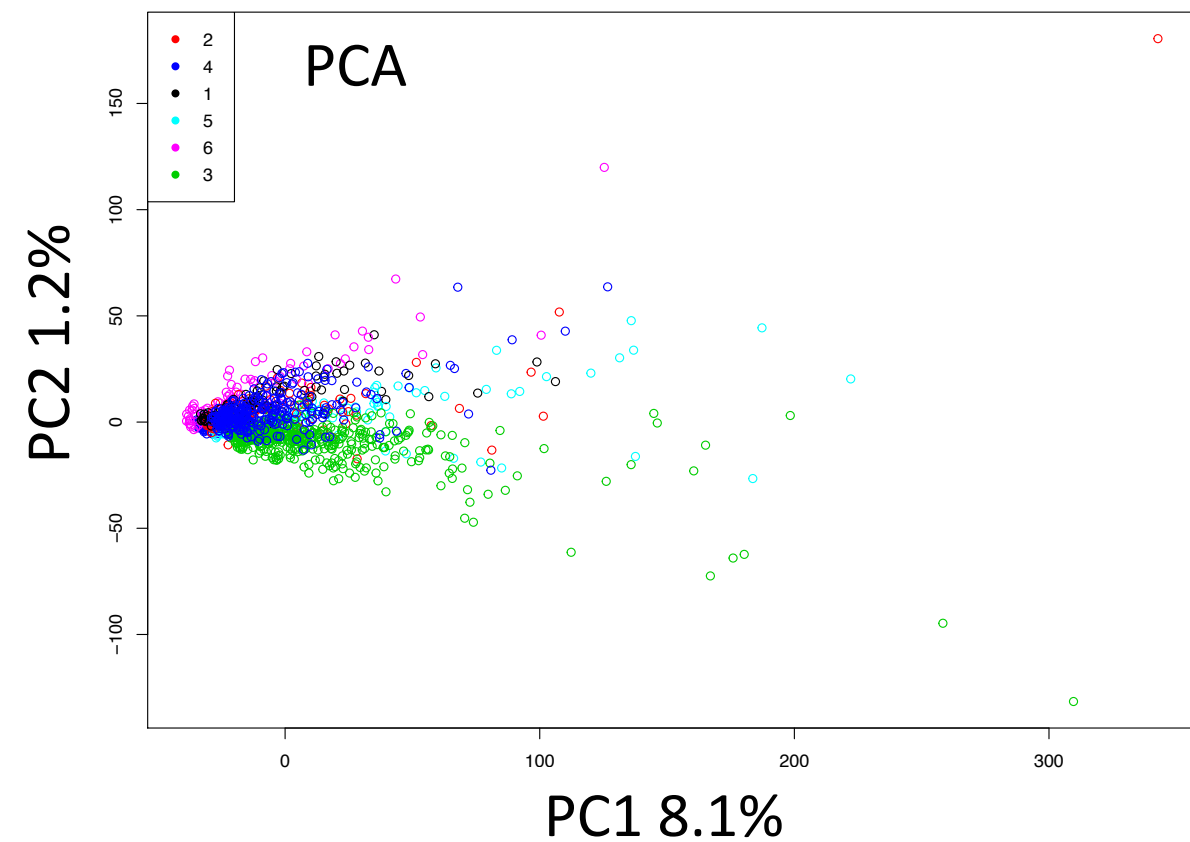


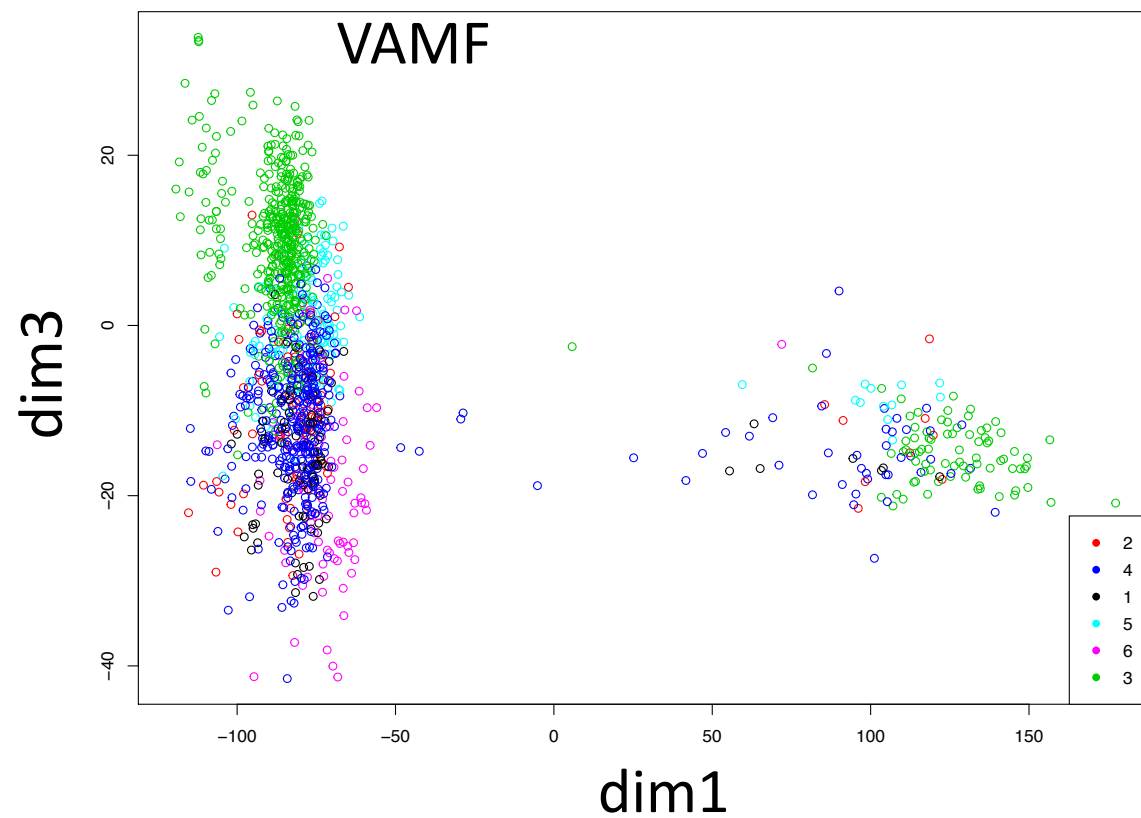
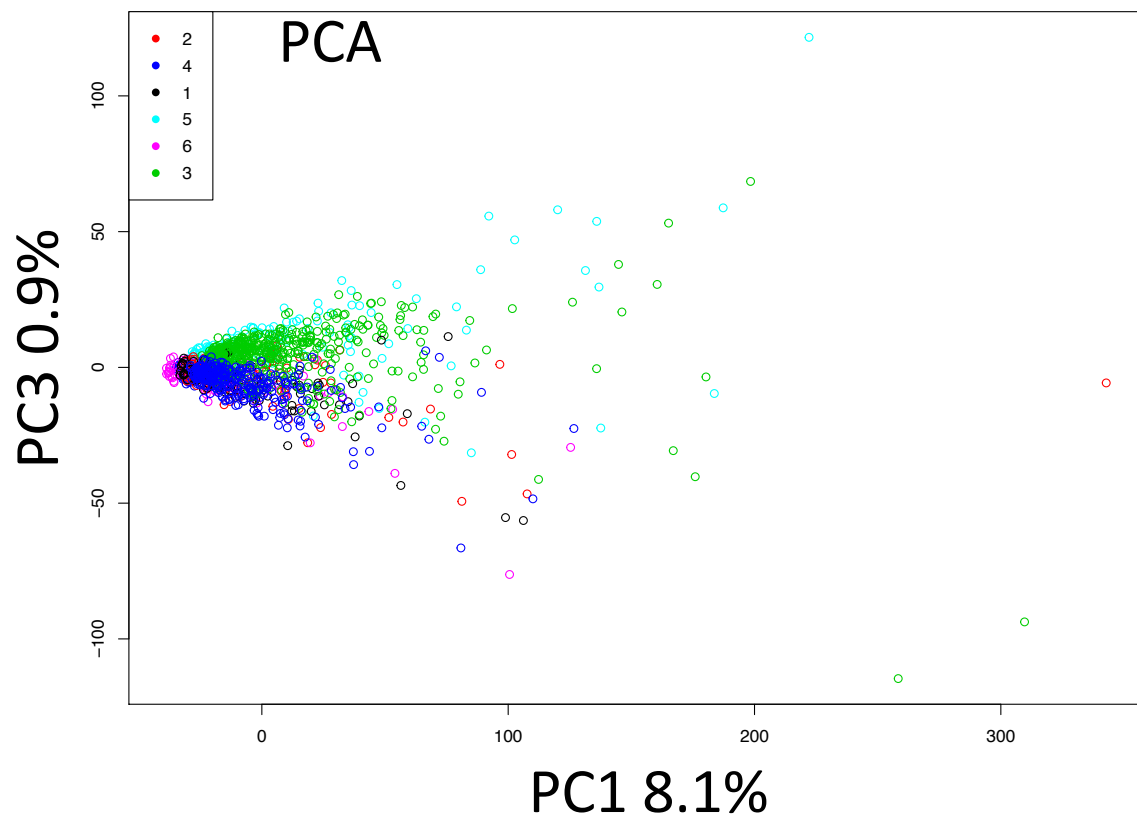
Batch effect removal using VAMF

Oct 2017

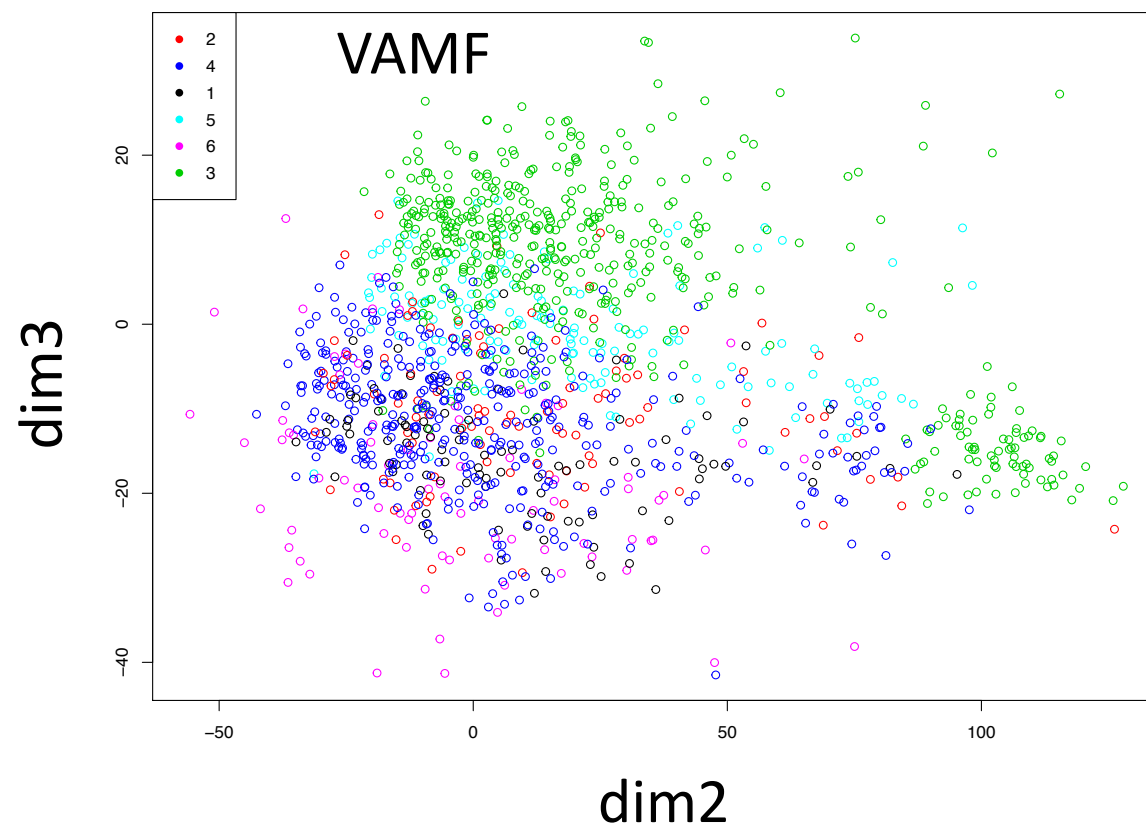
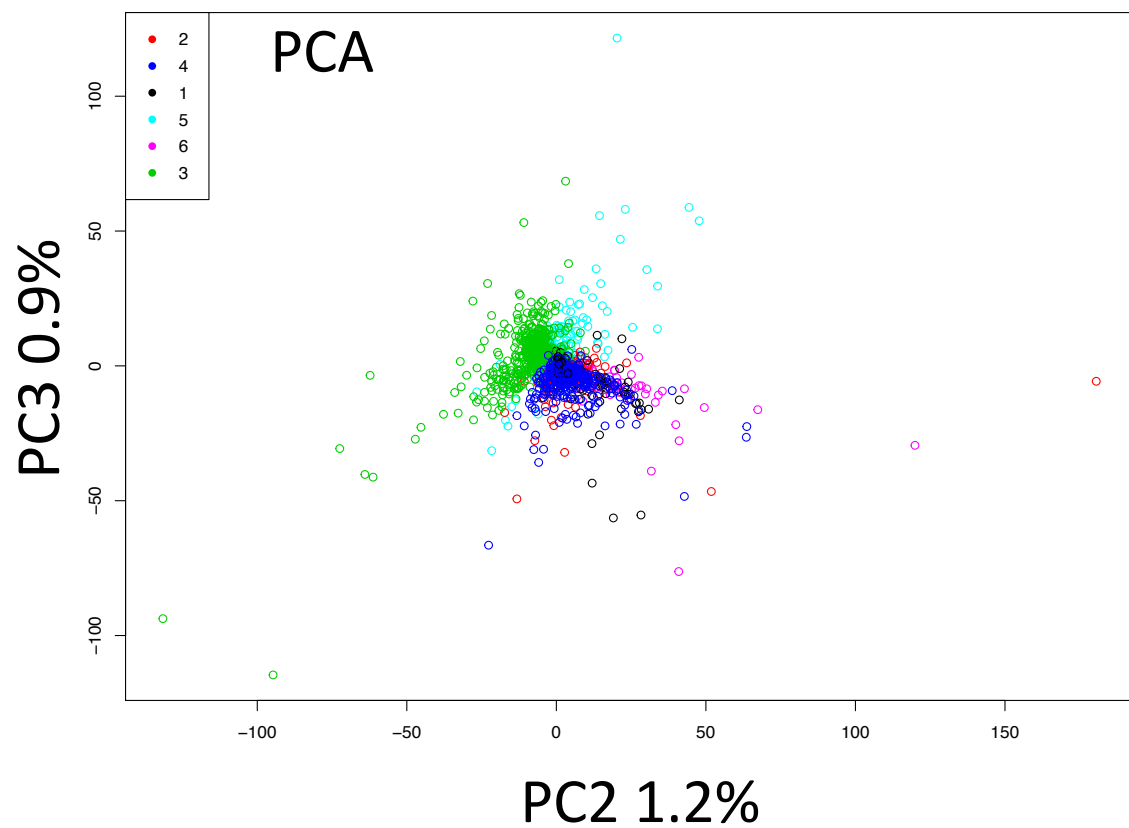
PCA vs. VAMF



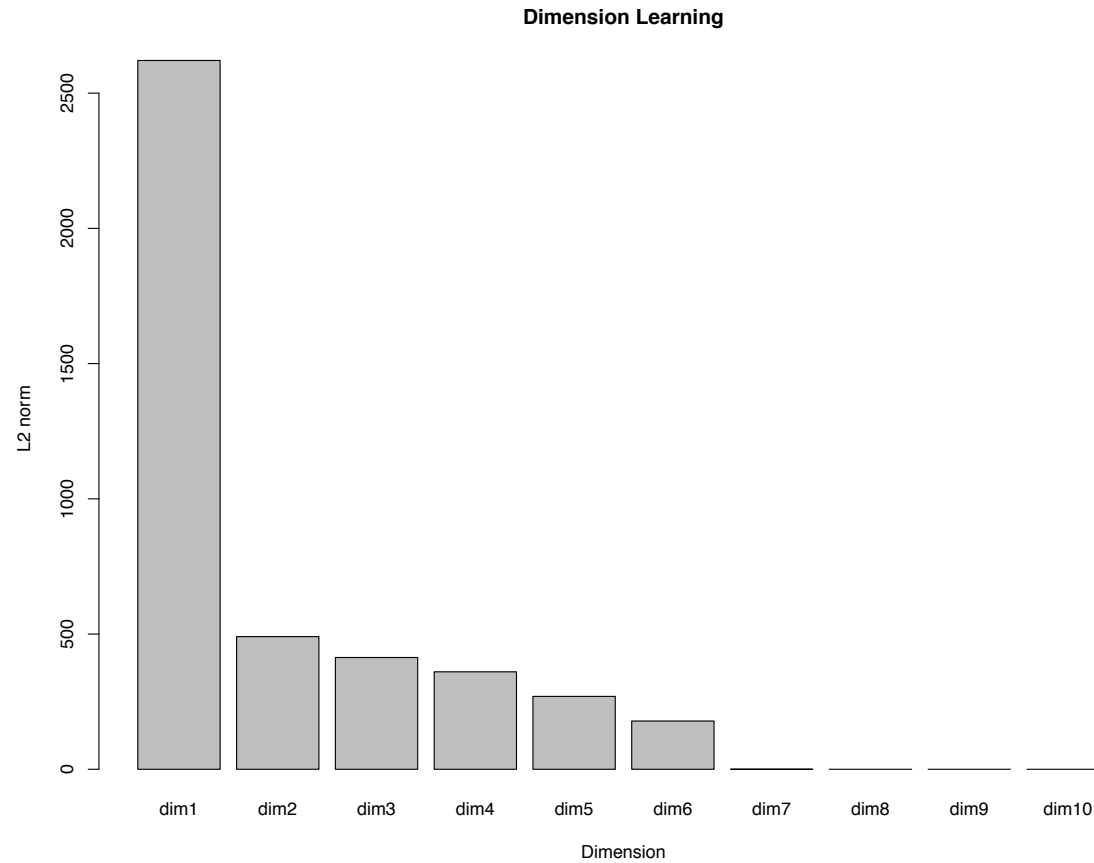
PCA vs. VAMF



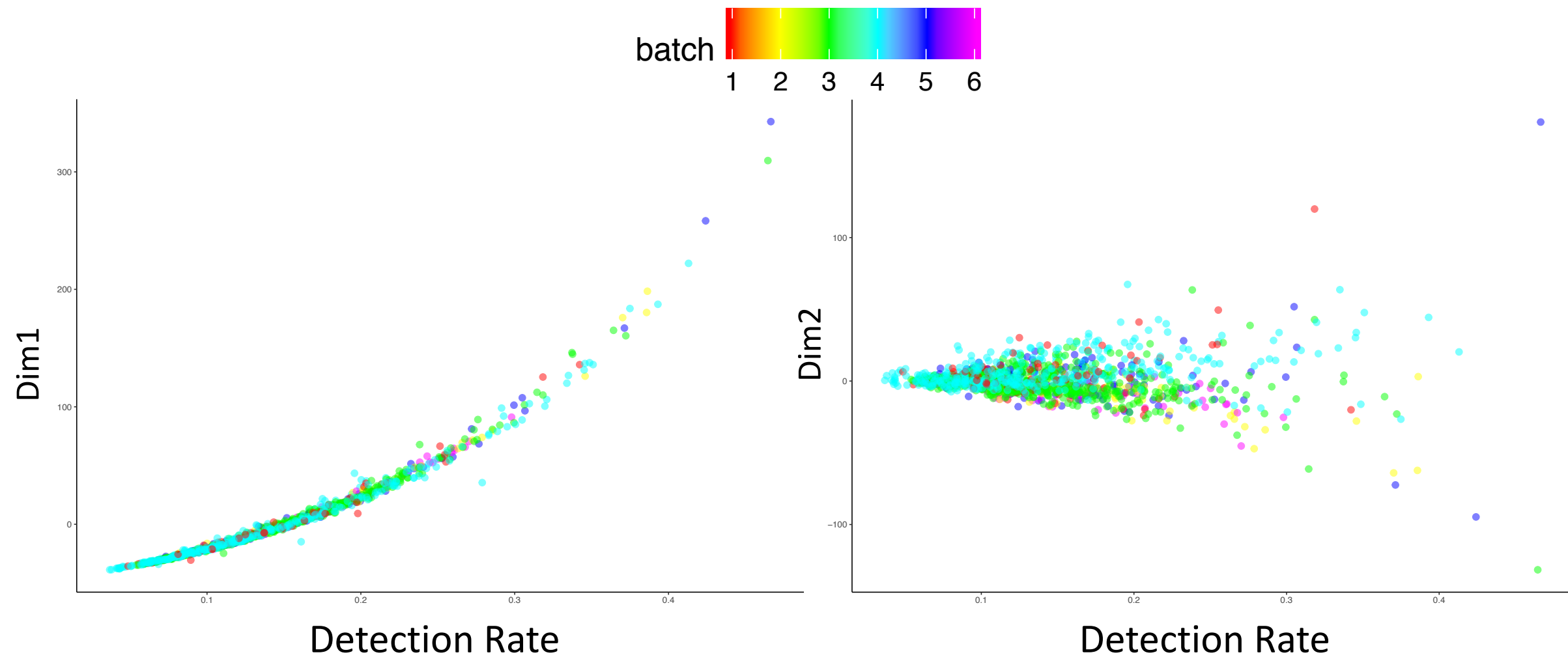
PCA vs. VAMF



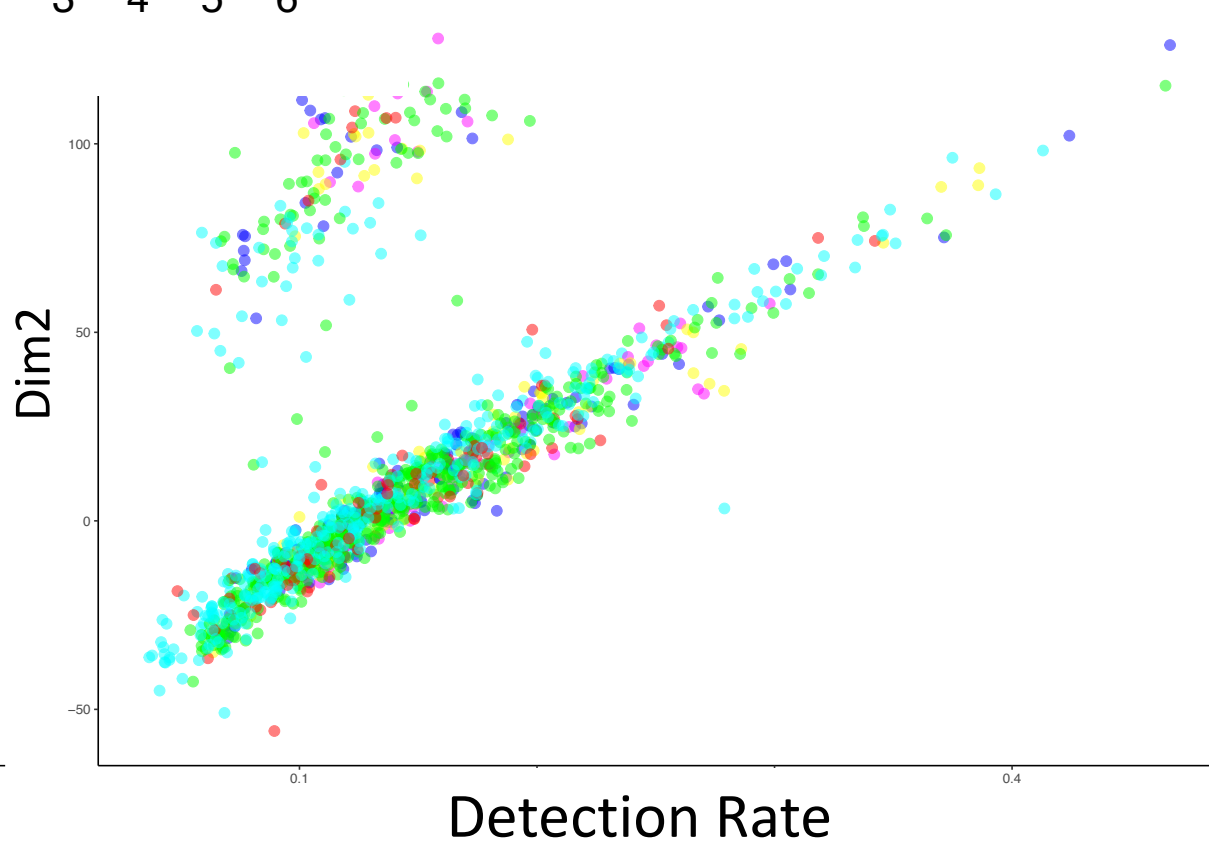
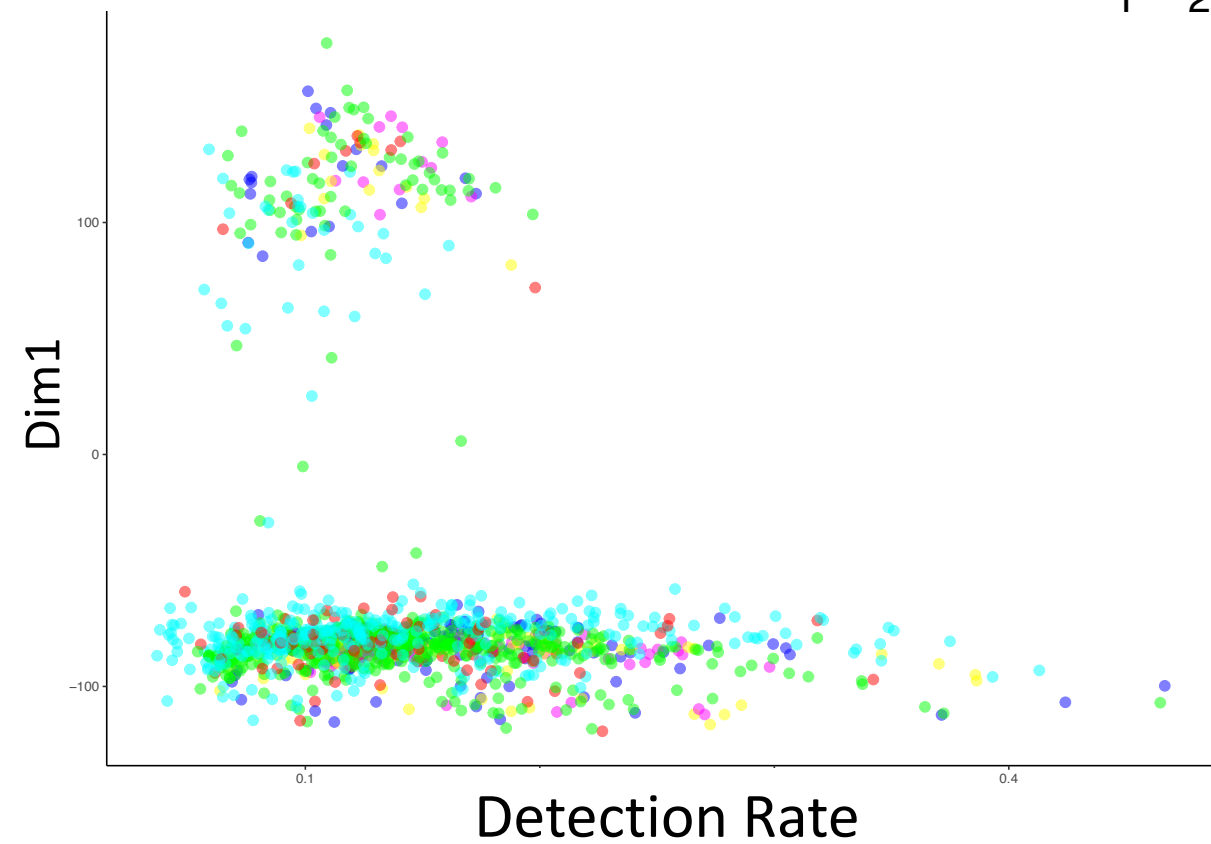
VAMF: 1st dimension learned the most



PCs vs. DR

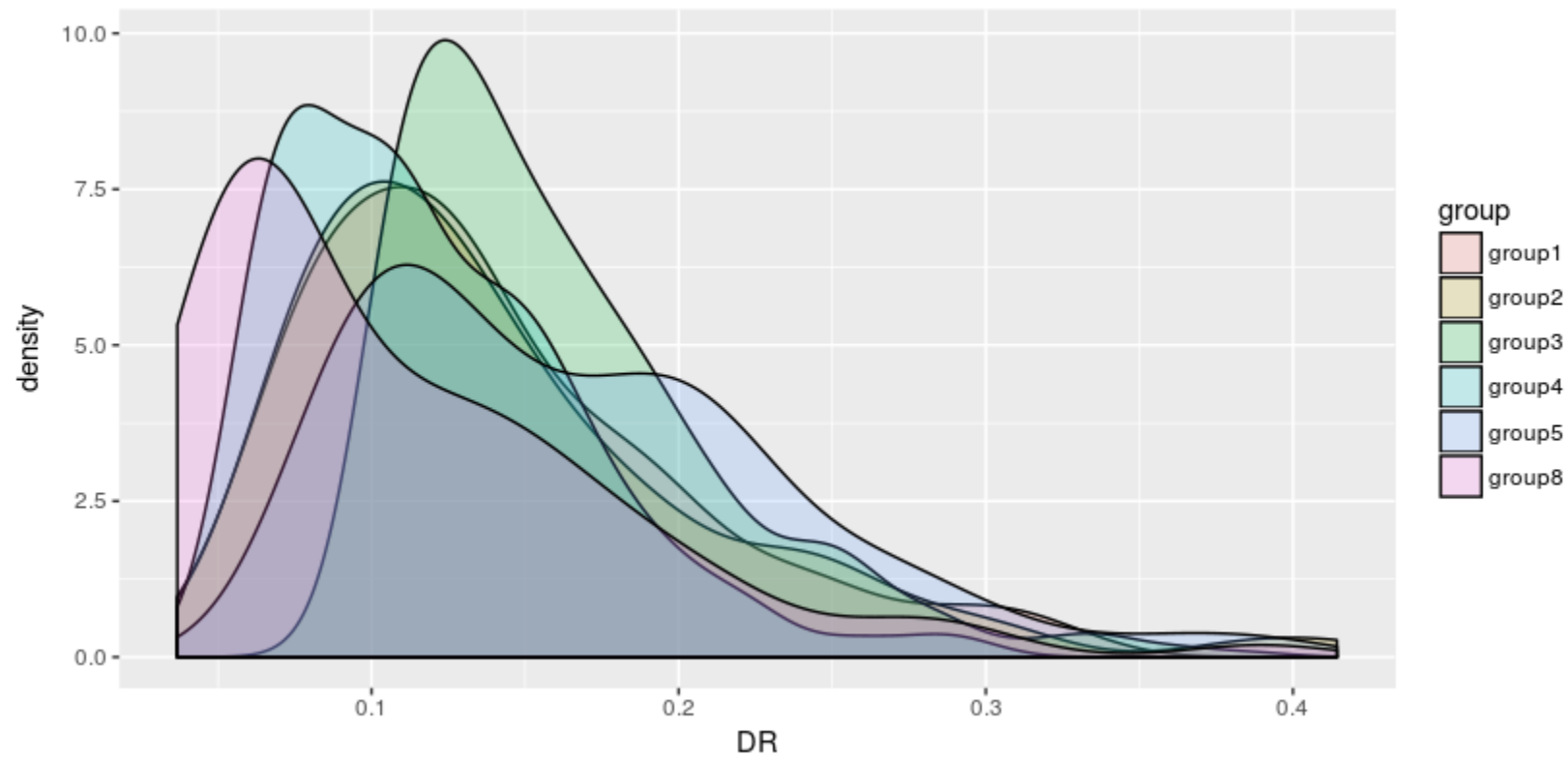


VAMF dimensions vs. DR

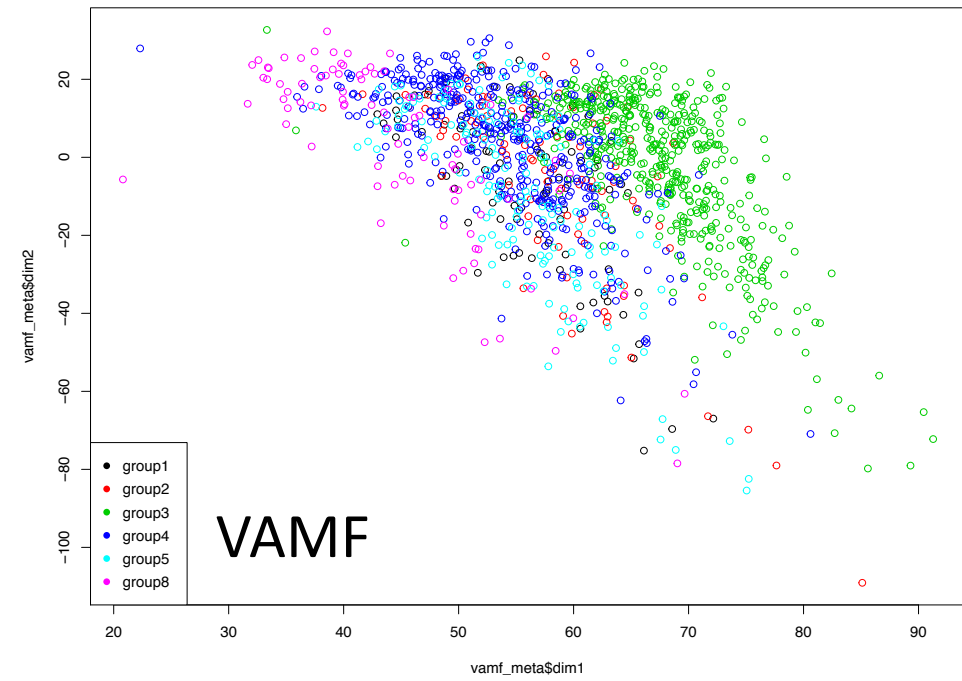
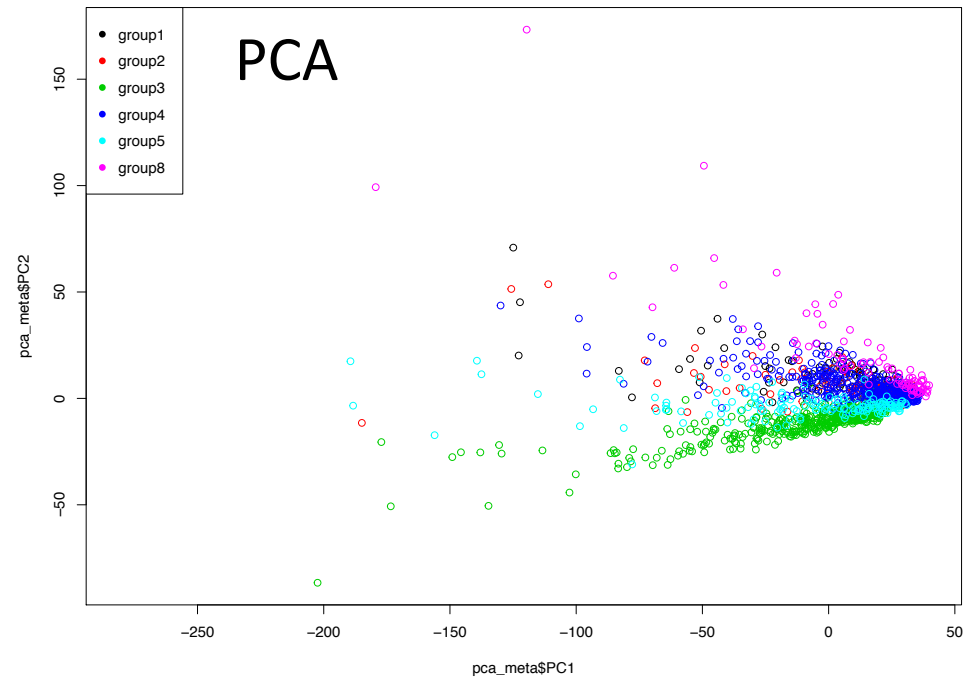


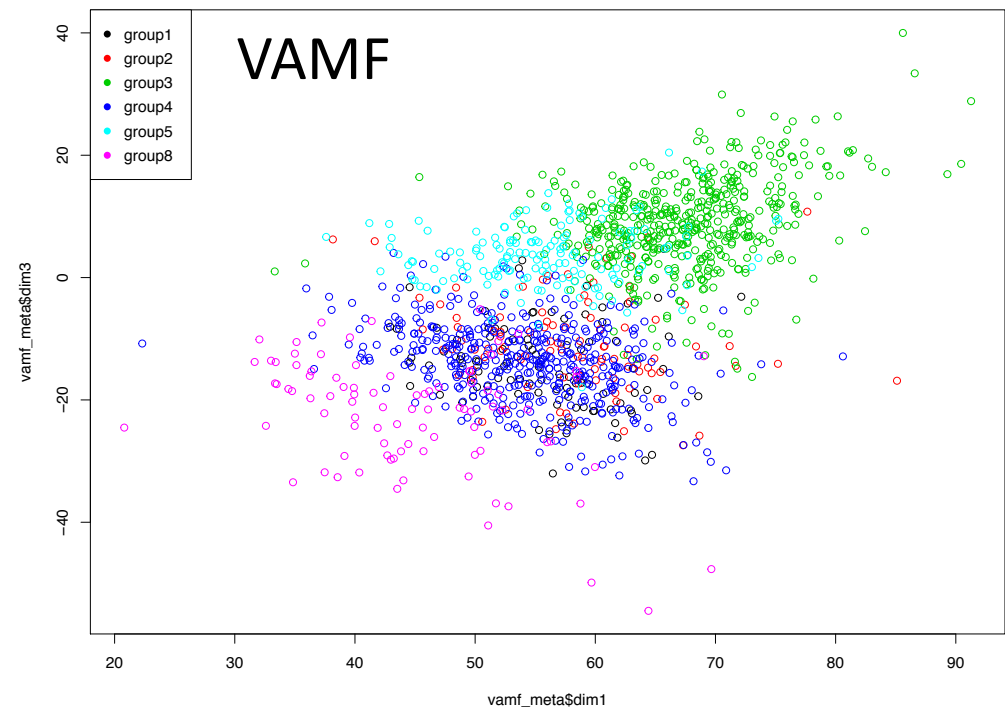
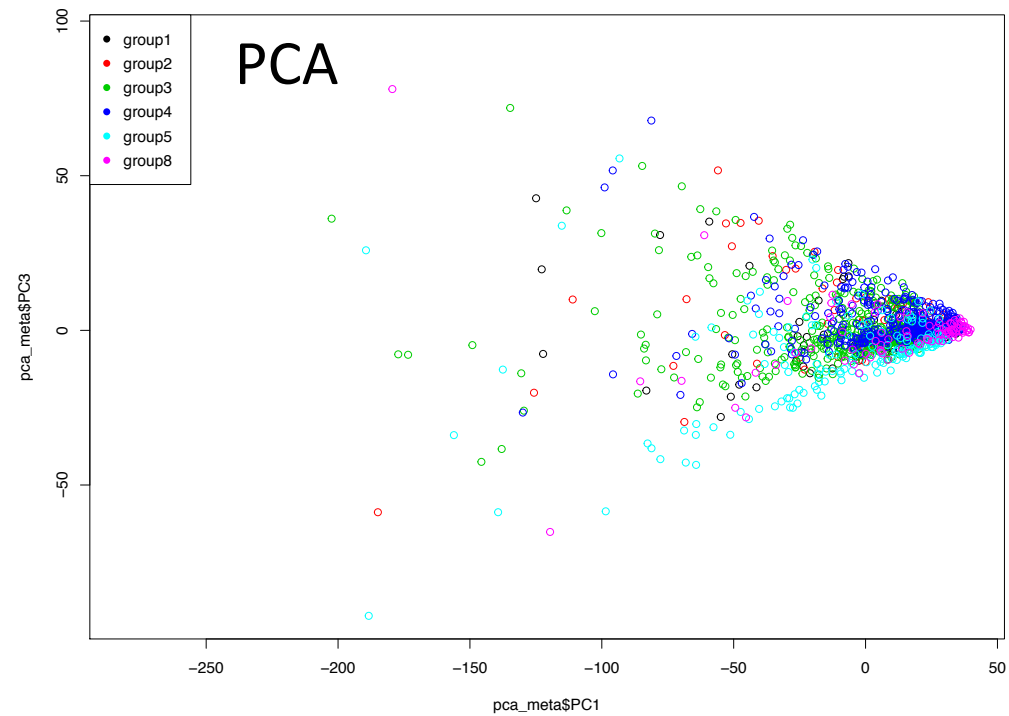
Switching to Olga's 10% subset

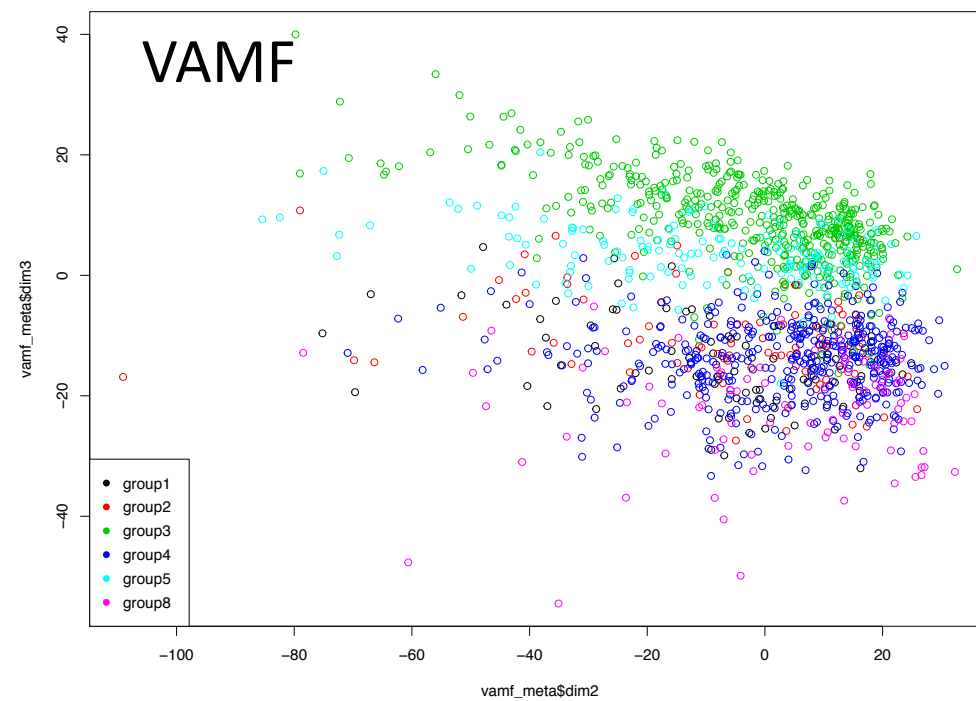
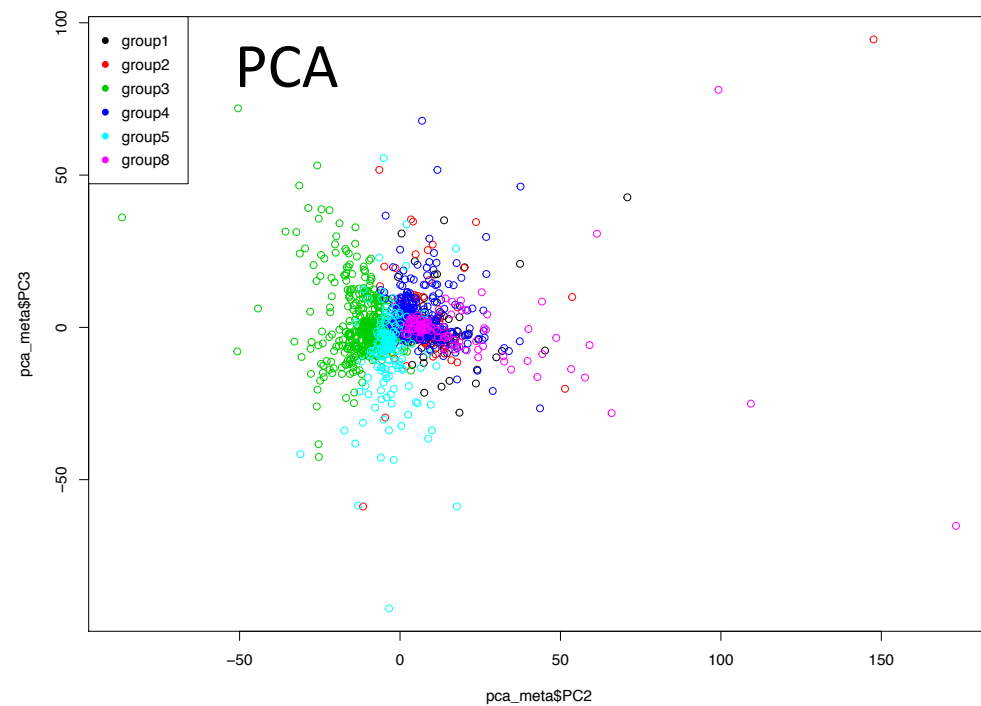
Detection Rate Distribution in all sample groups



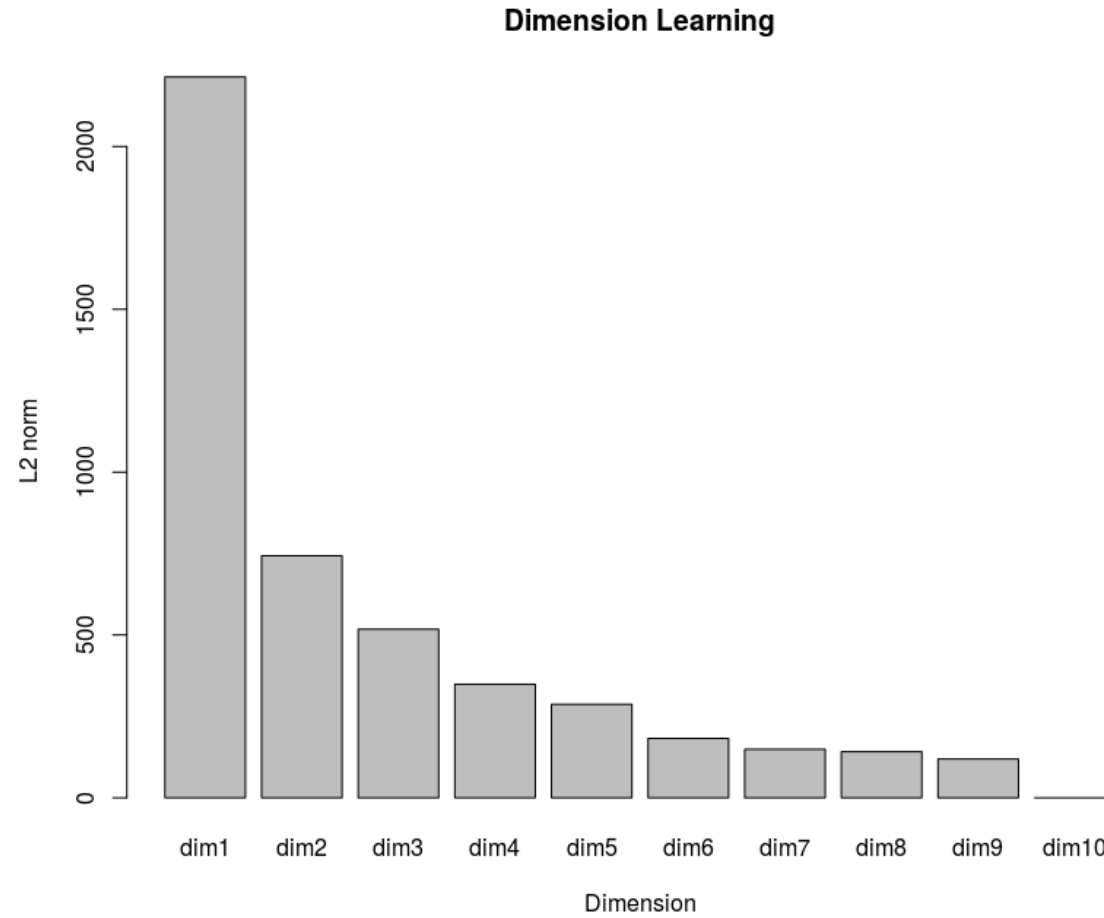
PCA vs. VAMF



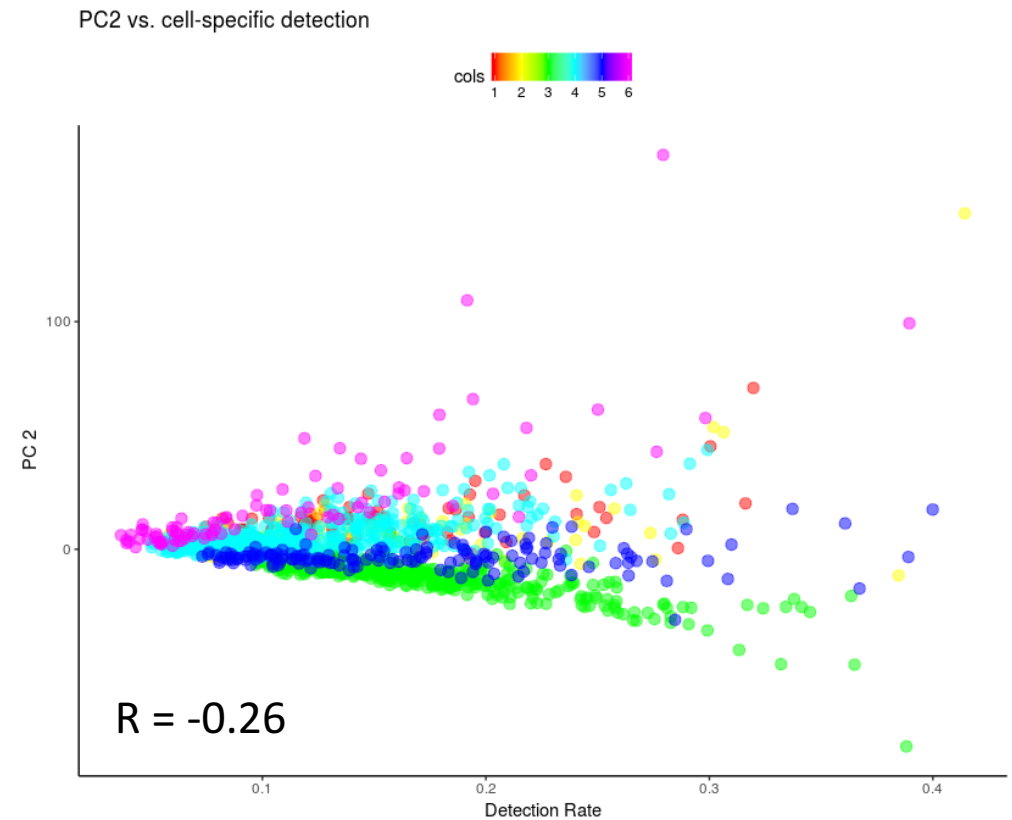
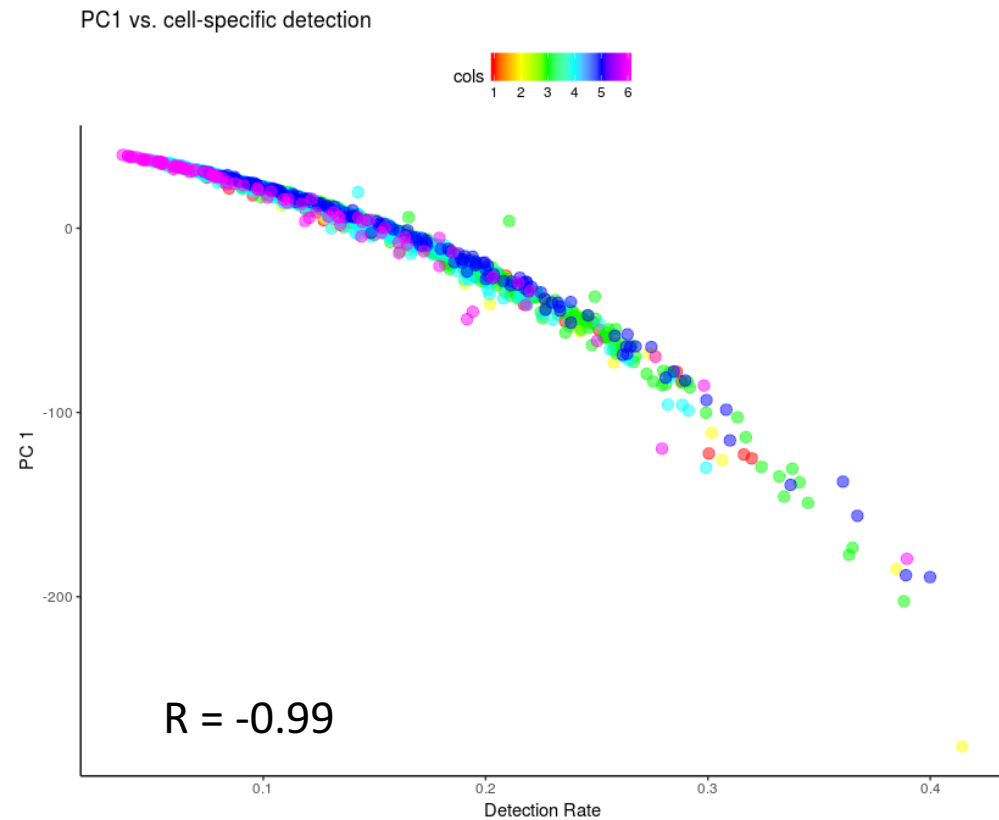




Dimension learning

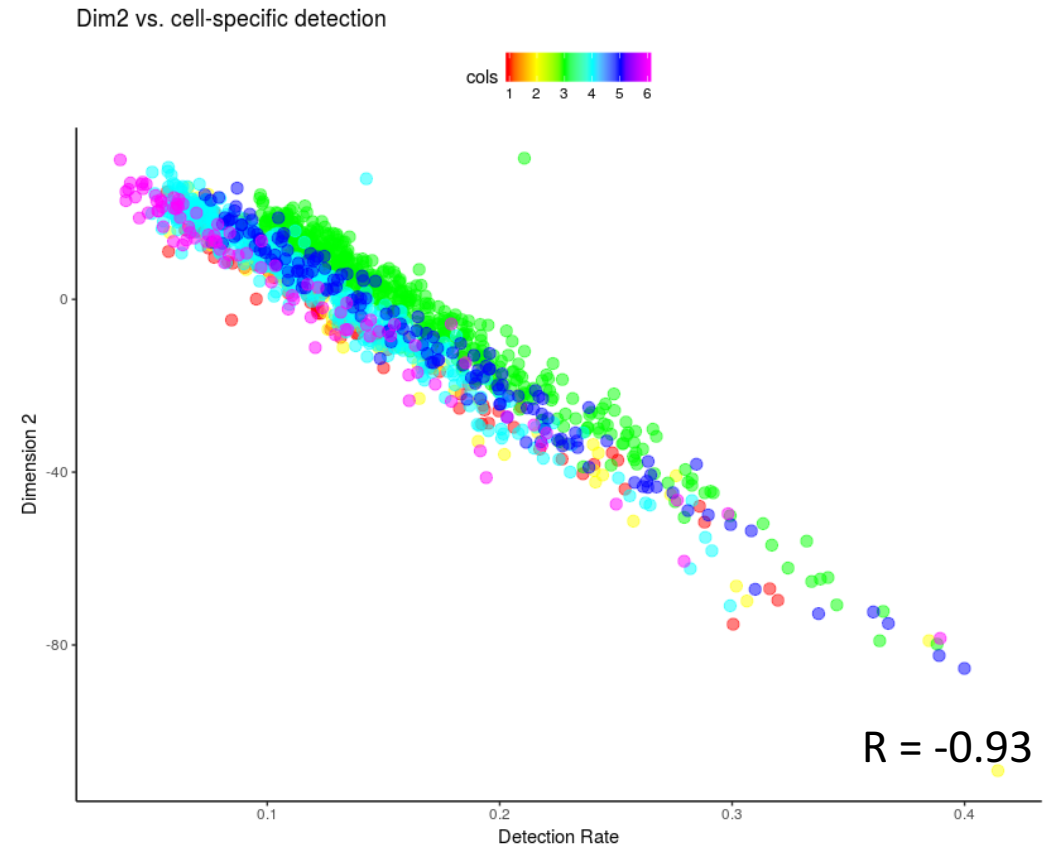
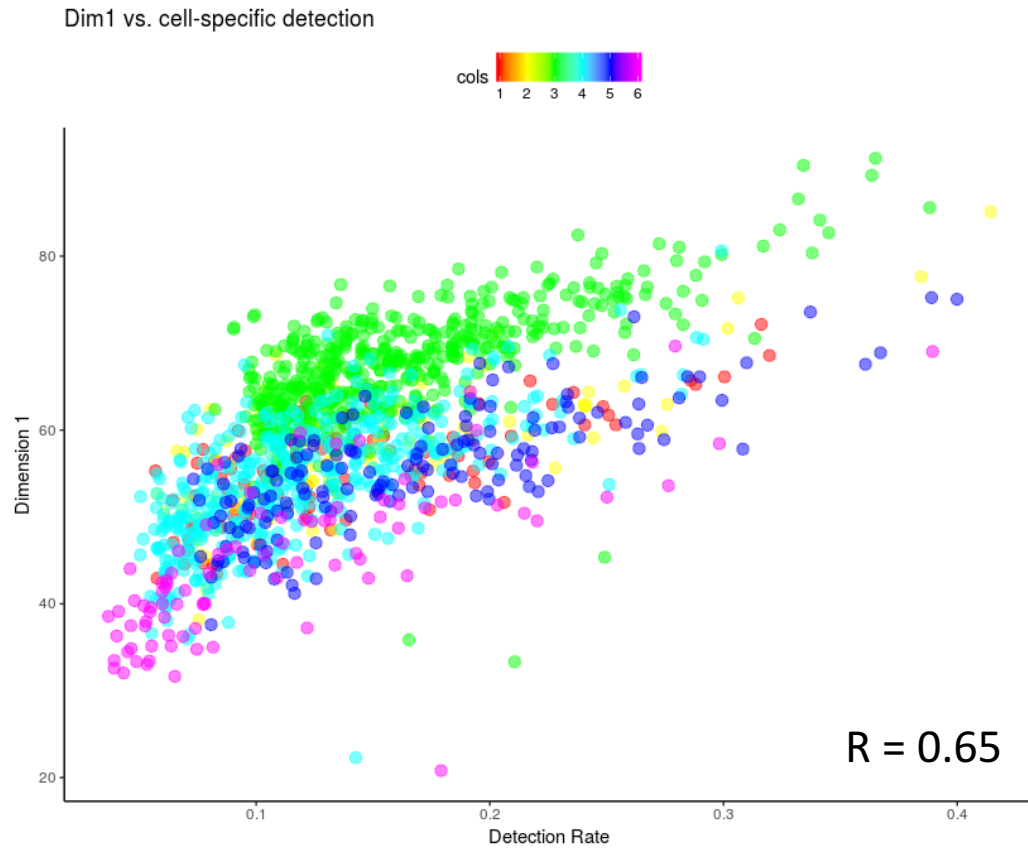


PCs vs. Detection Rate



Spearman correlation coefficient

VAMF factors vs. Detection Rate



Spearman correlation coefficient