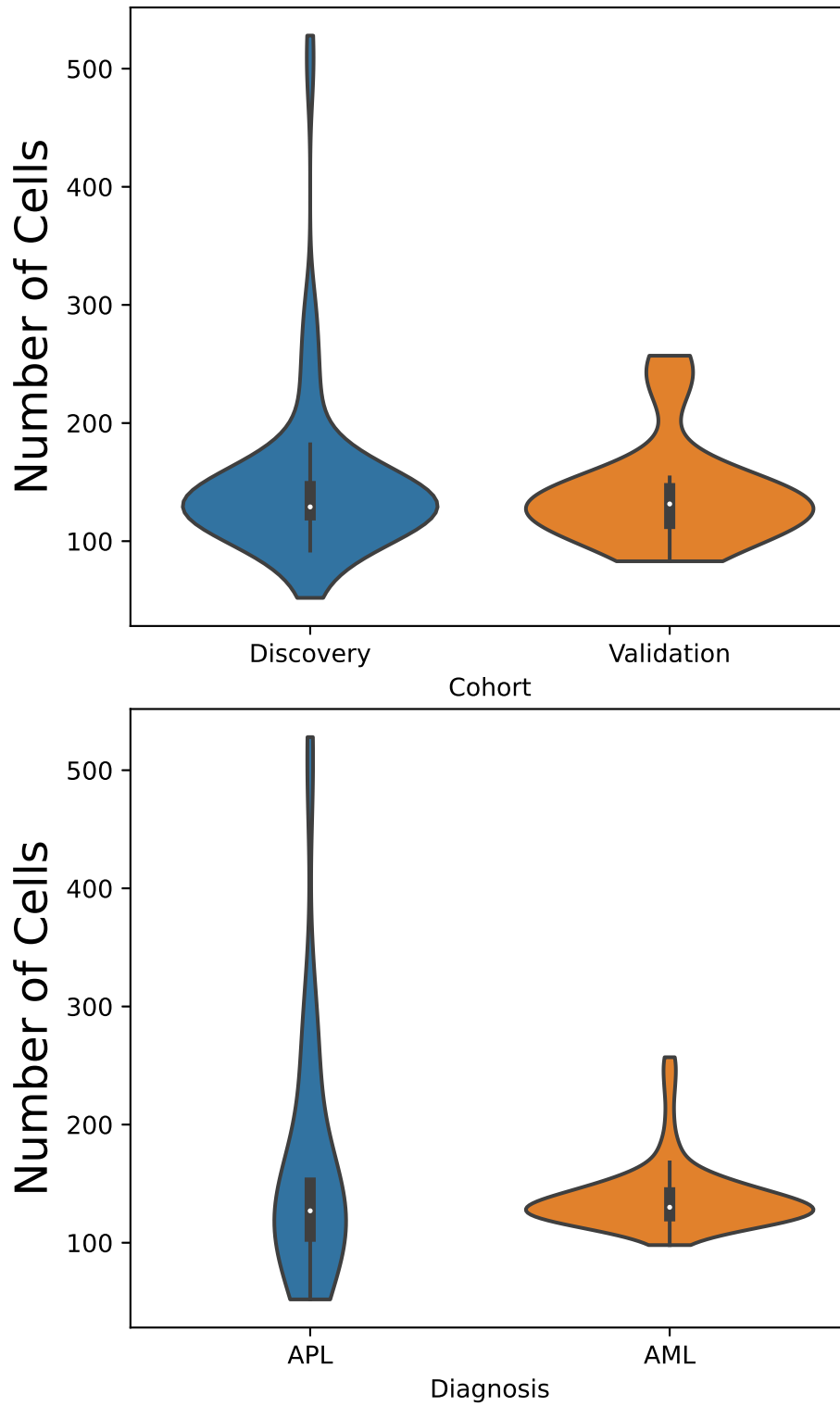
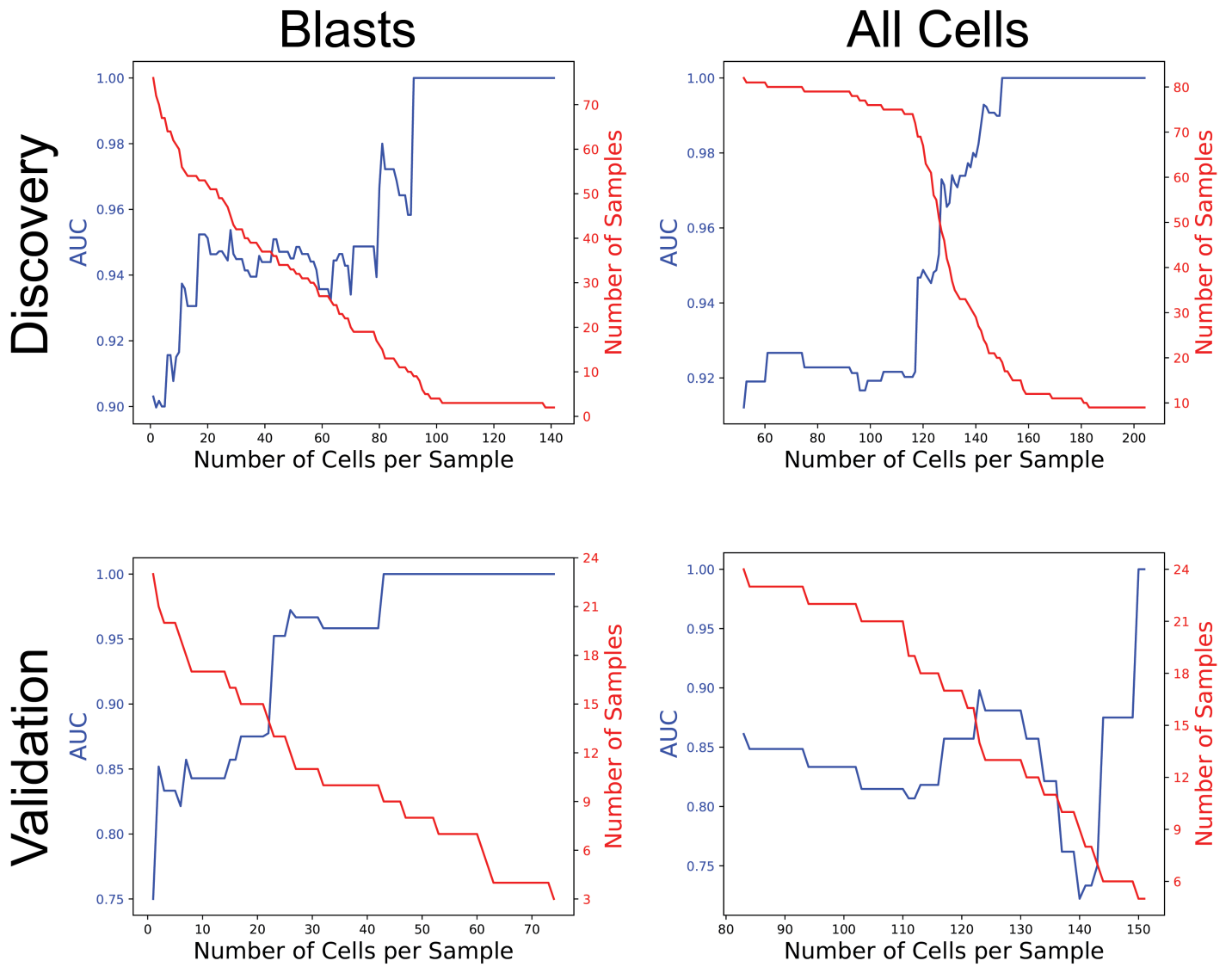


Supplementary Figures

1. **Data set description**
2. **Classification performance as a function of number of cells per sample**



Supplementary Figure 1. Dataset descriptions Number of cells per sample was assessed across both discovery/validation cohorts as well as between APL/AML (non-APL) cohorts. Full data can be found in Supplementary Table 1.



Supplementary Figure 2. Classification performance as a function of number of cells per sample. For the multiple-instance learning (MIL) model, ROC AUC was assessed as a function of the number of cells per sample and stratified by both discovery/validation cohorts as well as between blasts/all cells.