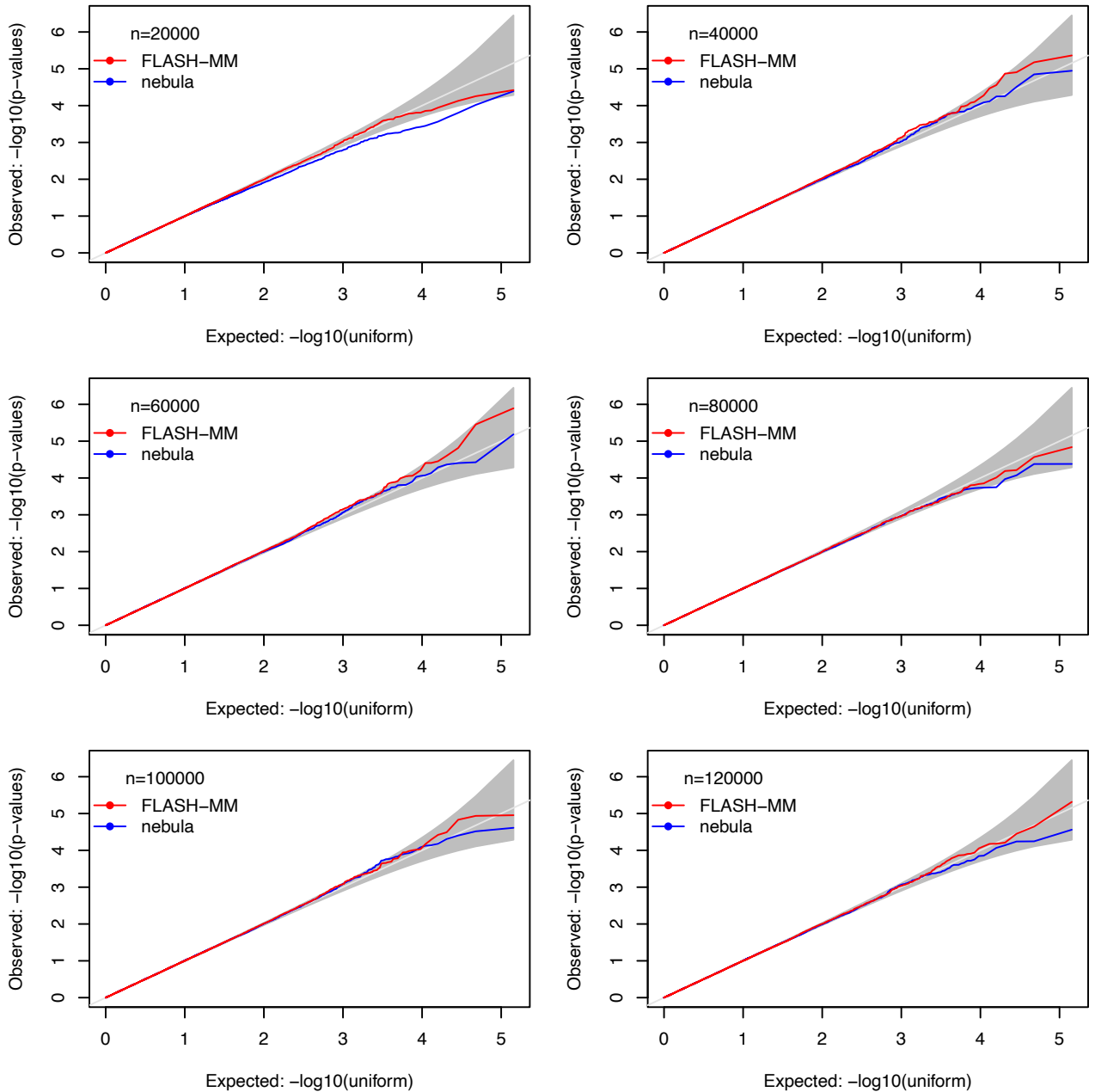
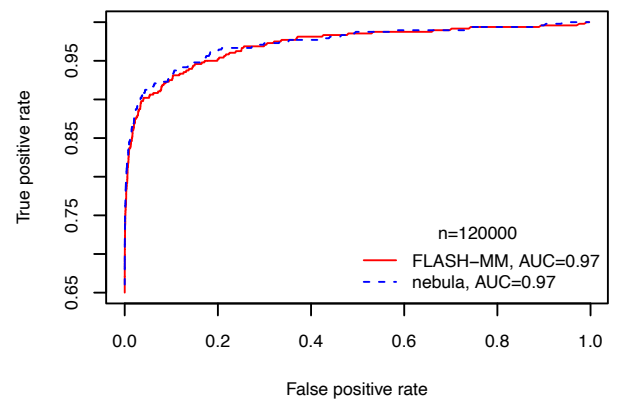
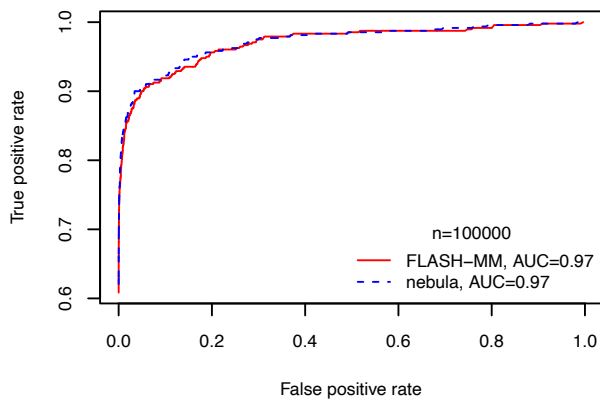
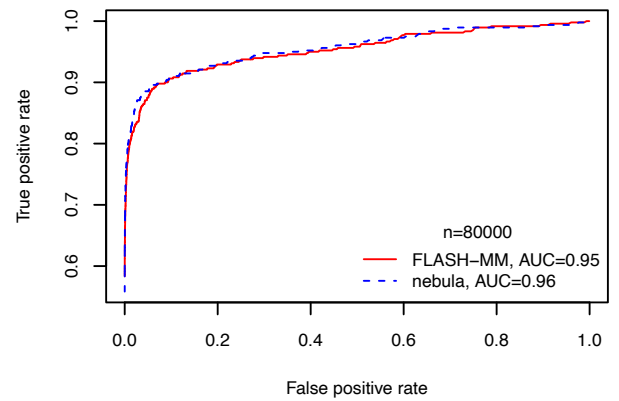
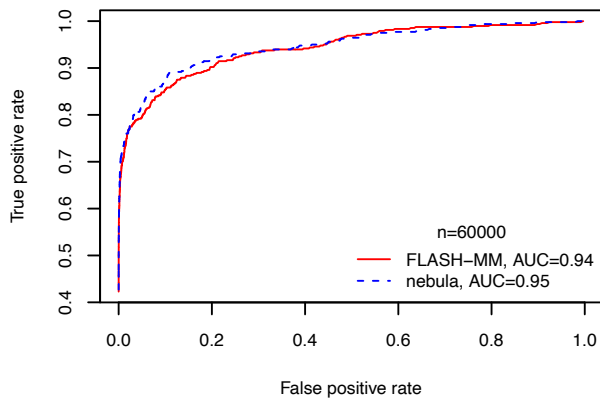
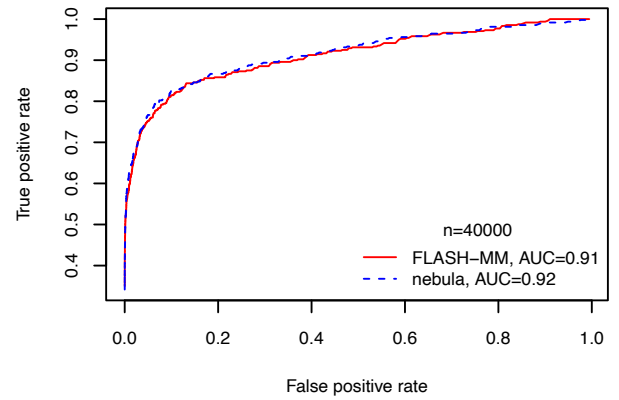
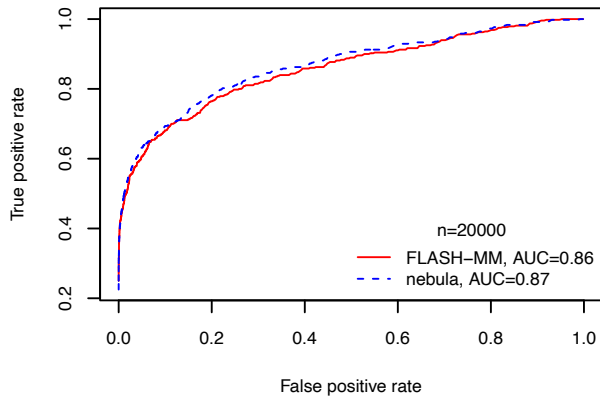


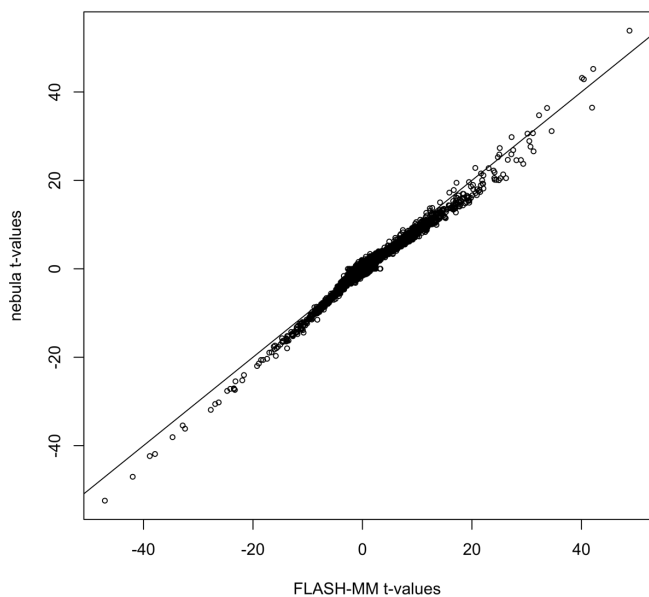
Extended Data



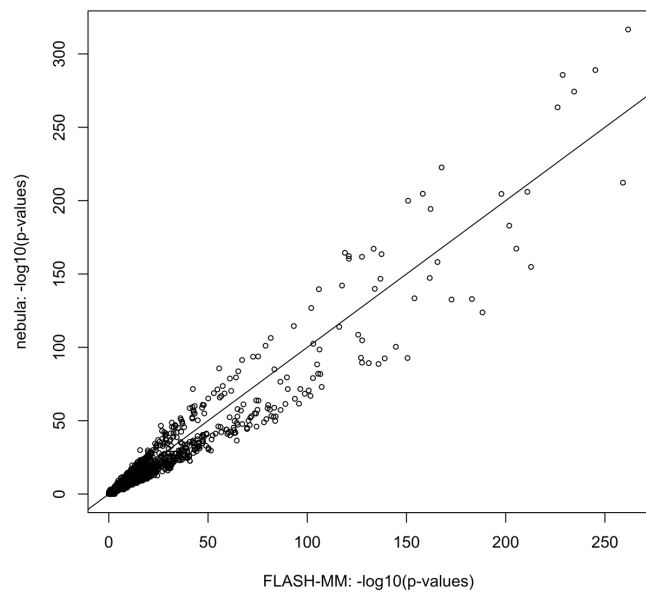
Extended Figure 1) QQ-plots of FLASH-MM and nebula p-values. QQ-plots of FLASH-MM and nebula p-values under the null hypothesis H_0 in different sample sizes n .



Extended Figure 2) ROC curves of TPR versus FPR for FLASH-MM and nebula in different sample sizes (n).



(A) t-values



(B) p-values

Extended Figure 3) Scatterplots of FLASH-MM and NEBULA t-values and p-values.