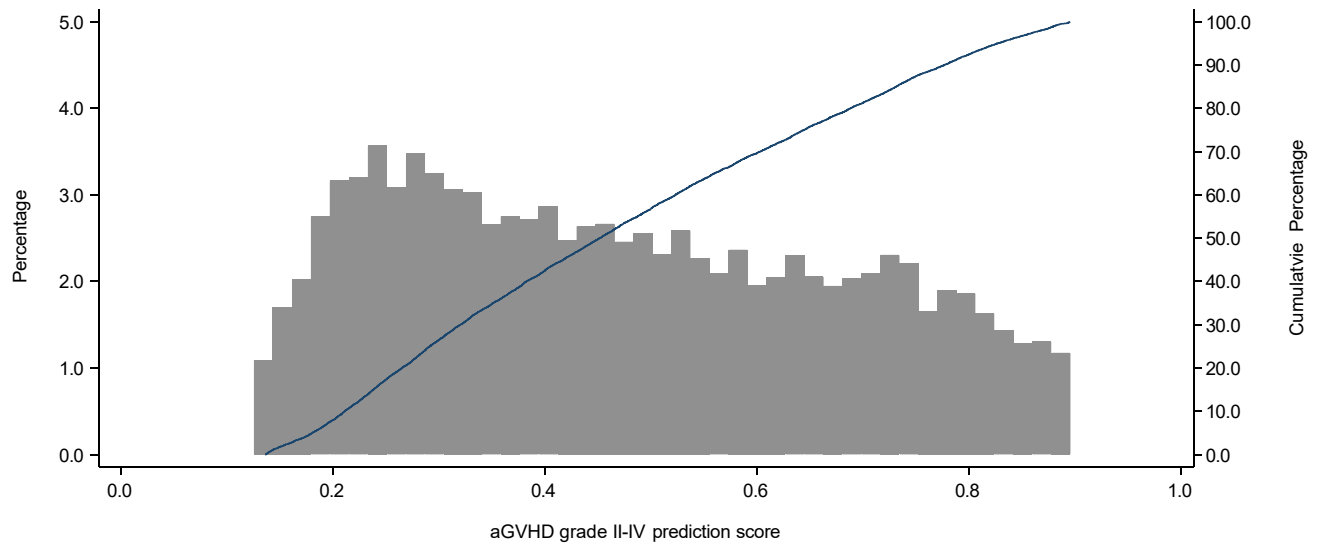
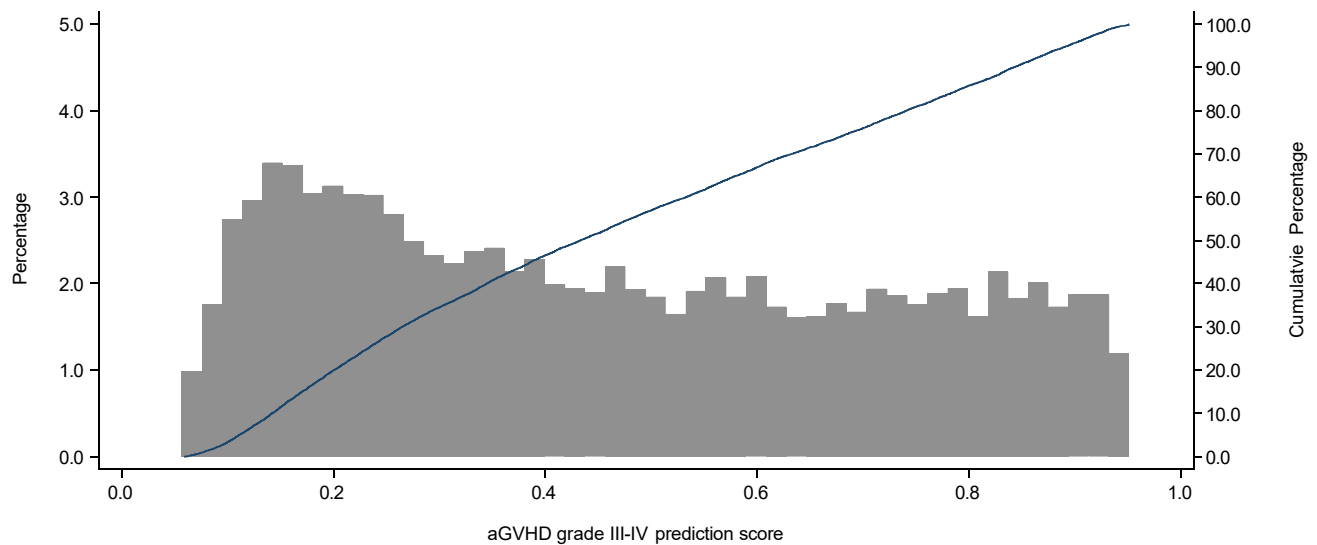


Supplemental Figure 1

A

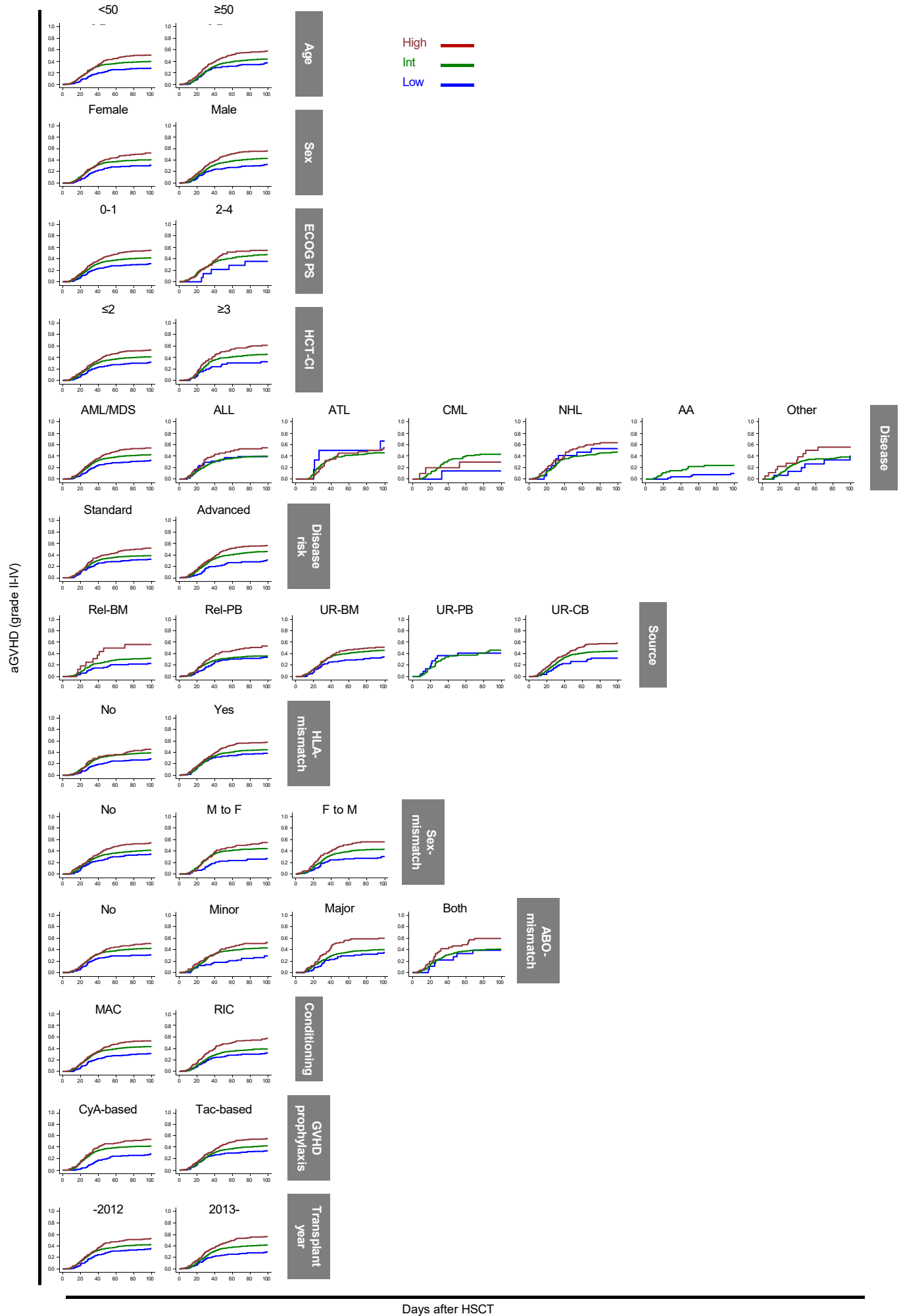


B



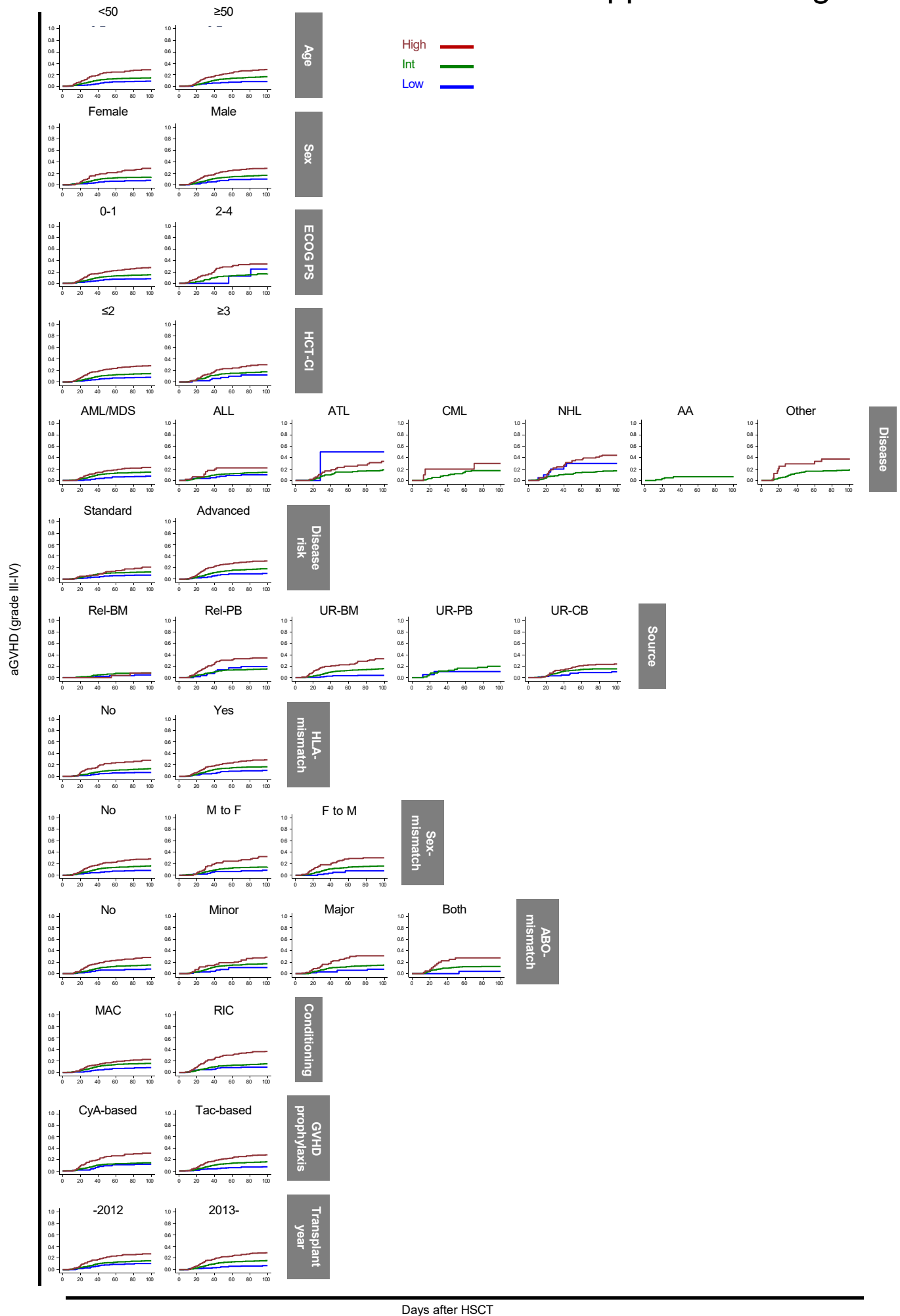
Supplemental Figure 1. Distribution of acute graft-versus-host disease (aGVHD) predictive scores in the training cohort. Distribution of aGVHD predictive scores calculated by the convolutional neural network (CNN) model are displayed among patients in the training cohort. **(A)** For grade II–IV aGVHD. **(B)** For grade III–IV aGVHD. Higher scores indicate a higher risk of developing aGVHD.

Supplemental Figure 2

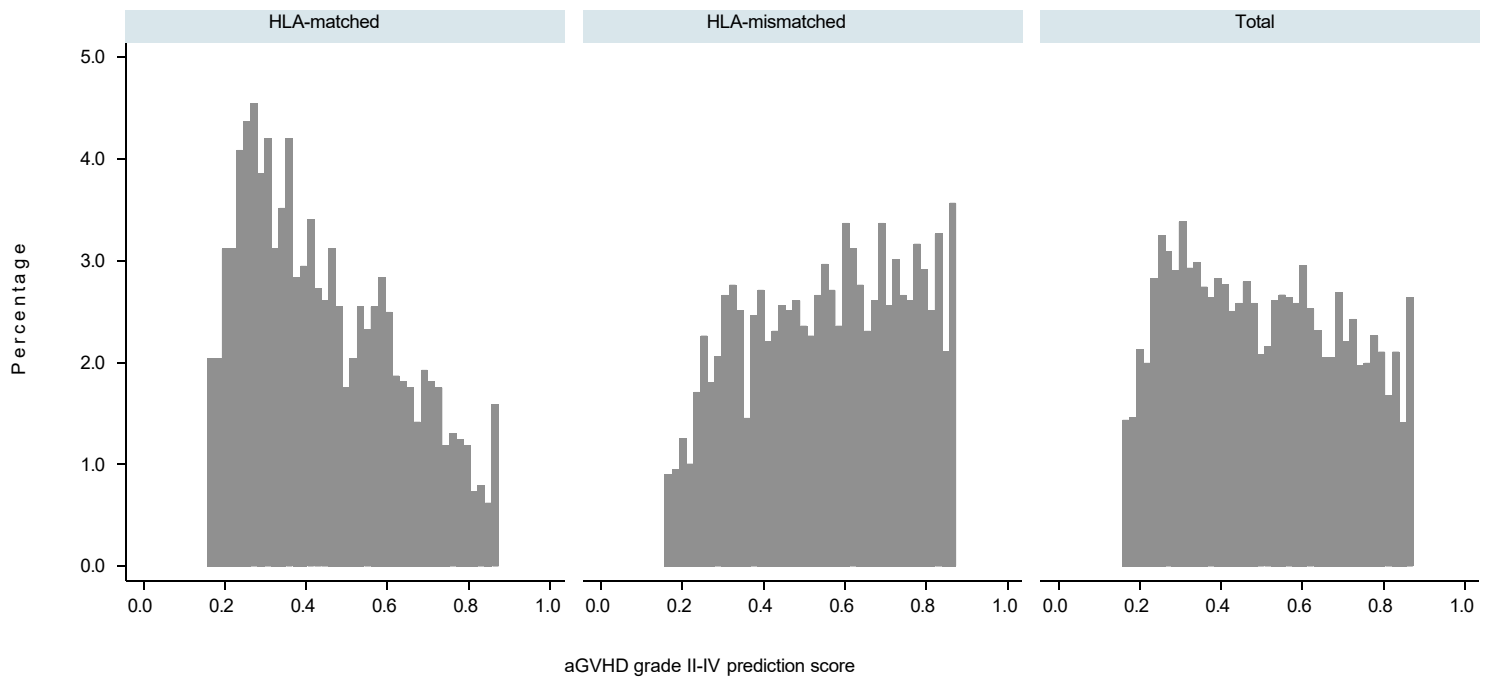
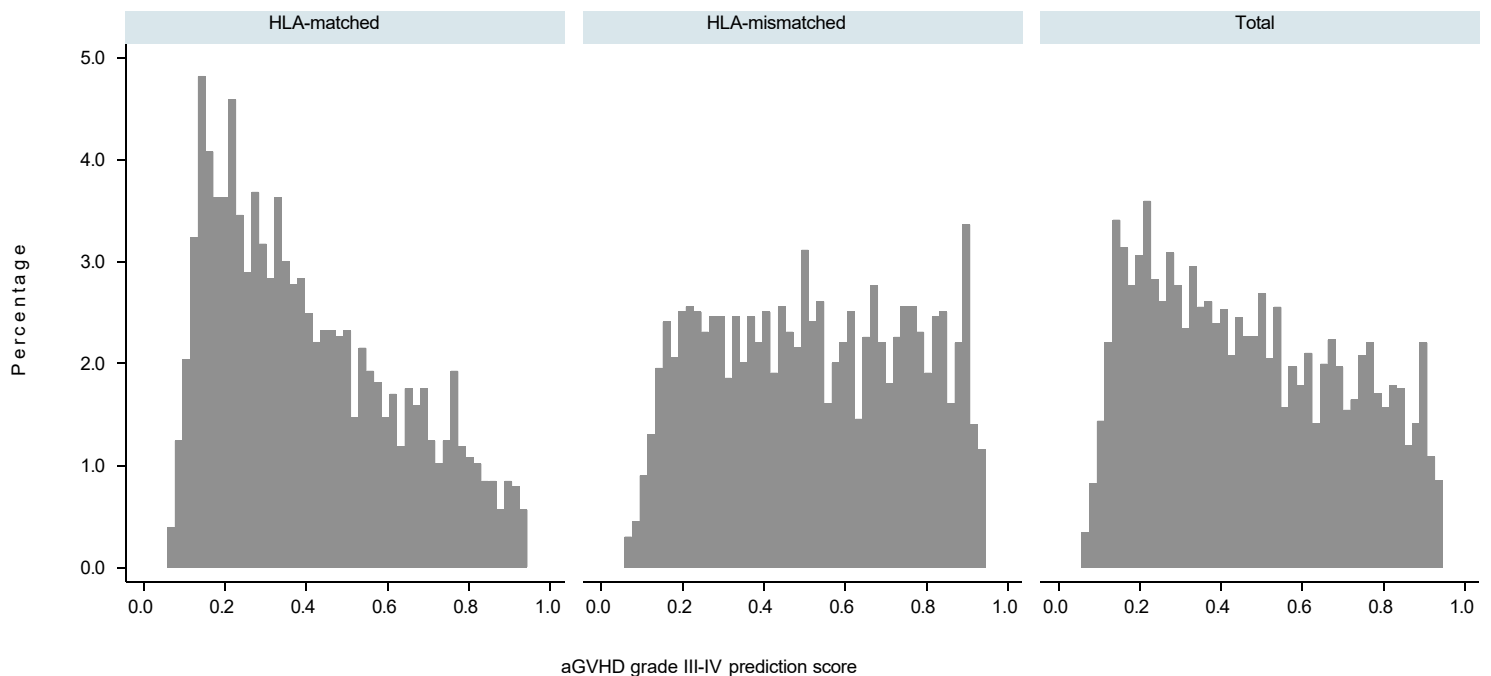


Supplemental Figure 2. Performance of the convolutional neural network (CNN)-based model of grade II–IV aGVHD for each subgroup.

Supplemental Figure 3



Supplemental Figure 3. Performance of the convolutional neural network (CNN)-based model of grade III-IV aGVHD for each subgroup.

A**Distribution of prediction score for aGVHD II-IV as per HLA mismatch****B****Distribution of prediction score for aGVHD III-IV as per HLA mismatch**

Supplemental Figure 4. Distribution of acute graft-versus-host disease (aGVHD) predictive scores in the test cohort according to HLA disparity. (A) For grade II–IV aGVHD. (B) For grade III–IV aGVHD.