



S4 Fig. Genomic annotation of the top 500 SNPs from classification-based GWAS conducted on three different planes--axial, coronal, and sagittal. Overall, 1301 unique SNPs were annotated. **(A)** Venn diagram displaying overlap among the three lists of top 500 SNPs ranked by macro F1 score. **(B)** Venn diagram illustrating the overlap among the three lists of genes close to the top 500 SNPs. **(C)** Pie charts showing the proportion of variant types among all the top SNPs annotated. **(D)** Histogram of macro F1 values for all SNPs in the axial, coronal, and sagittal planes.