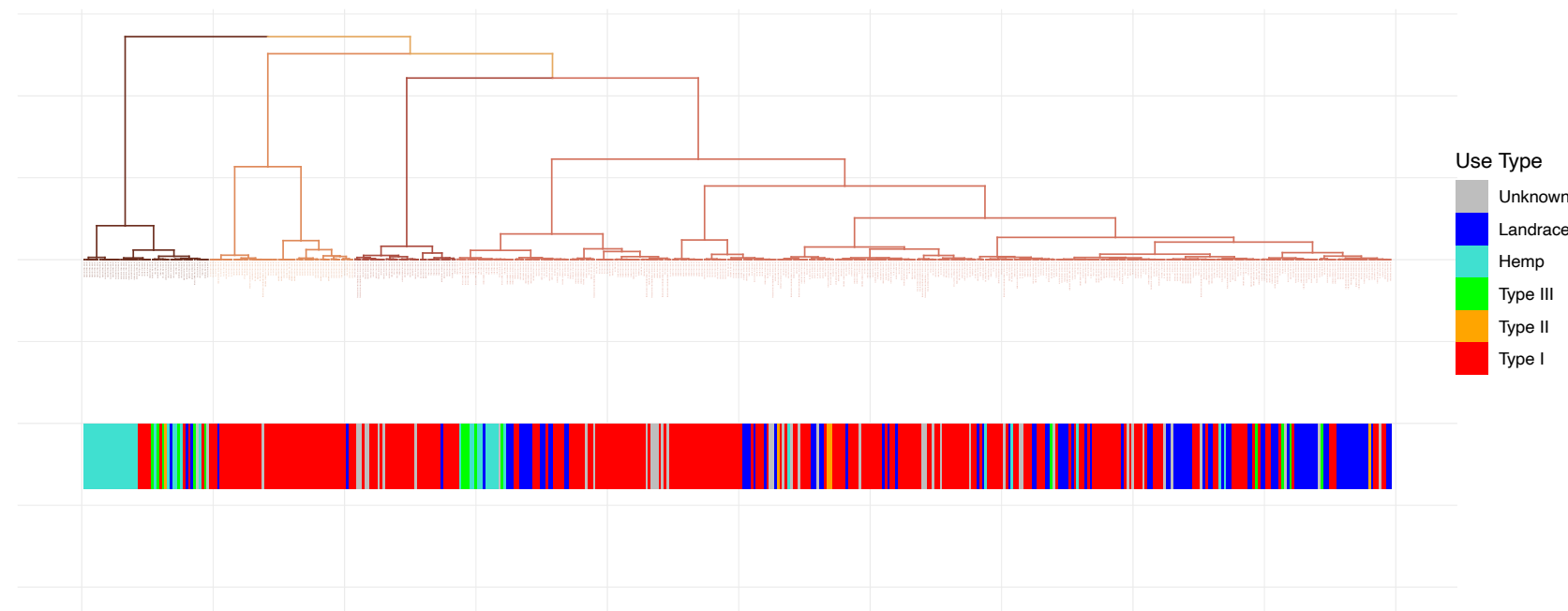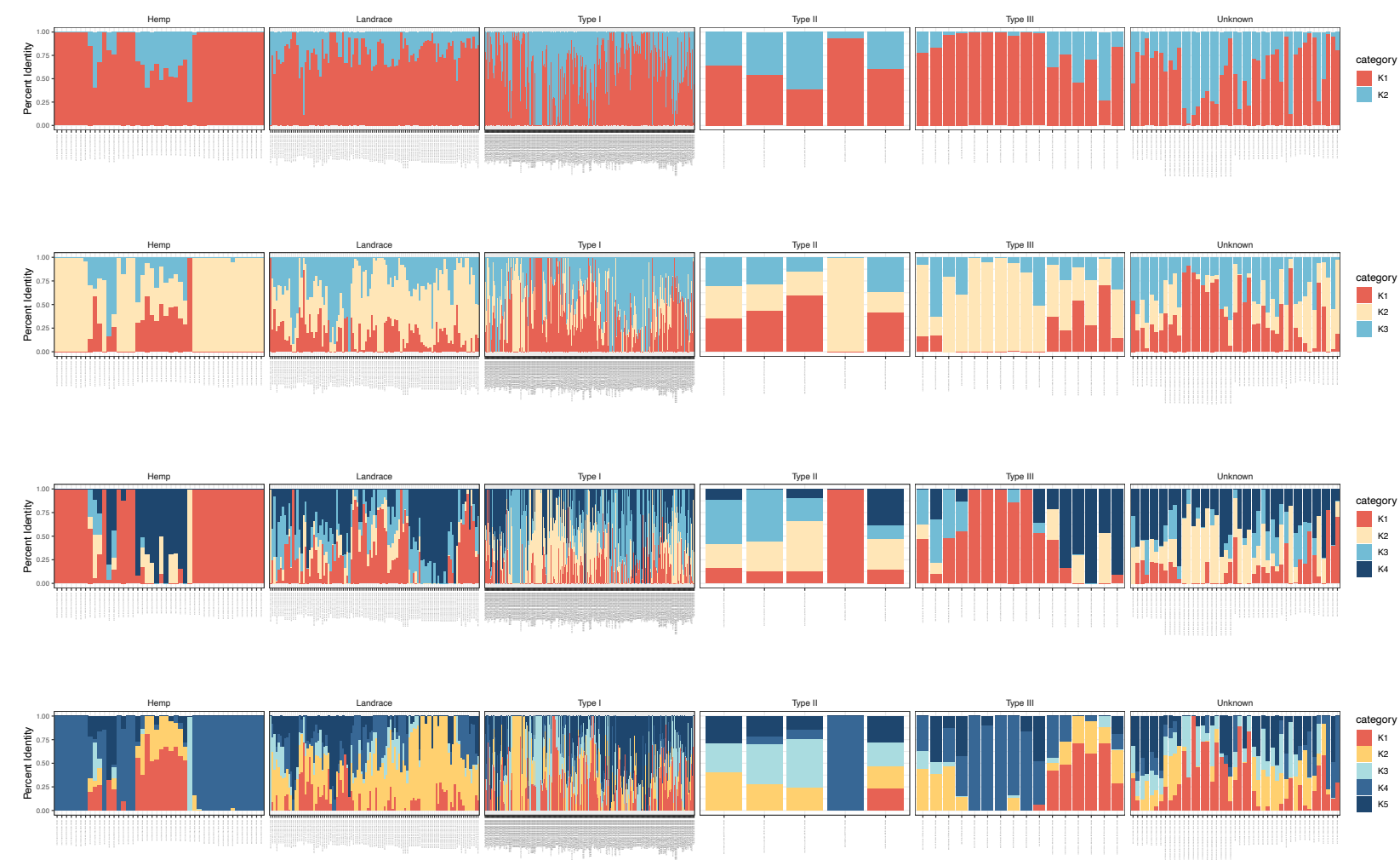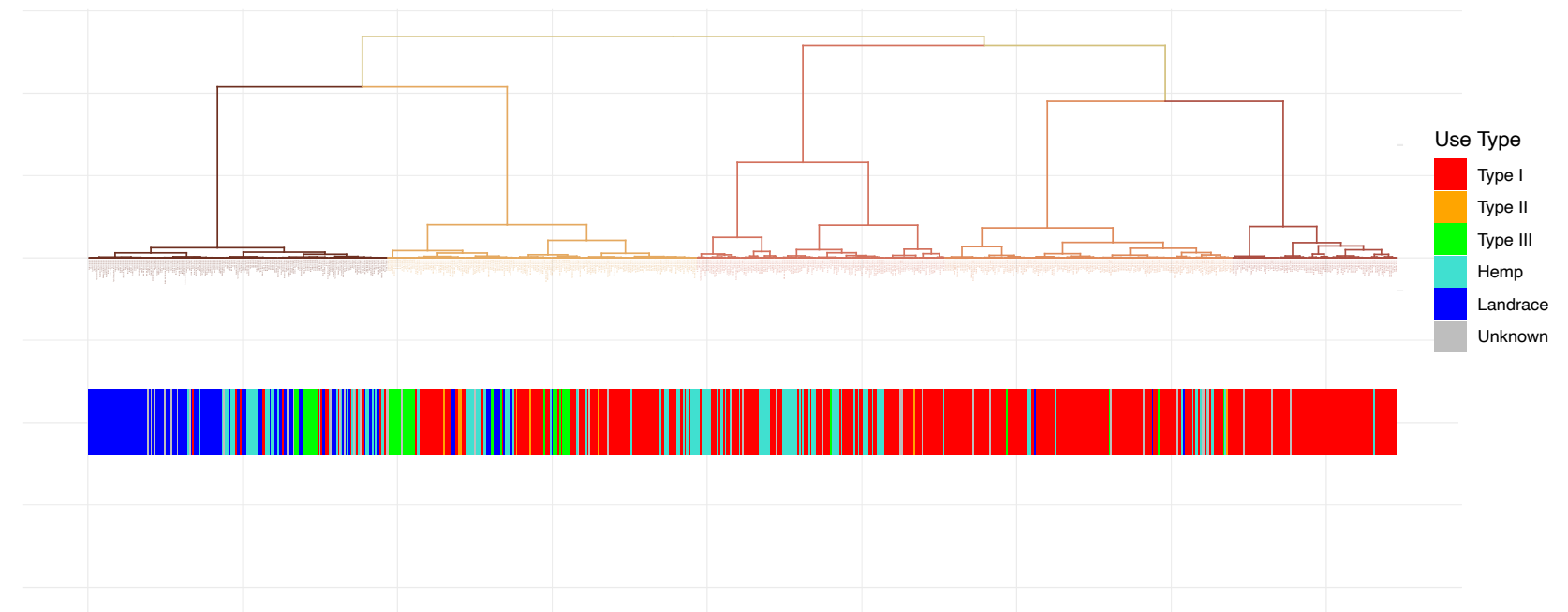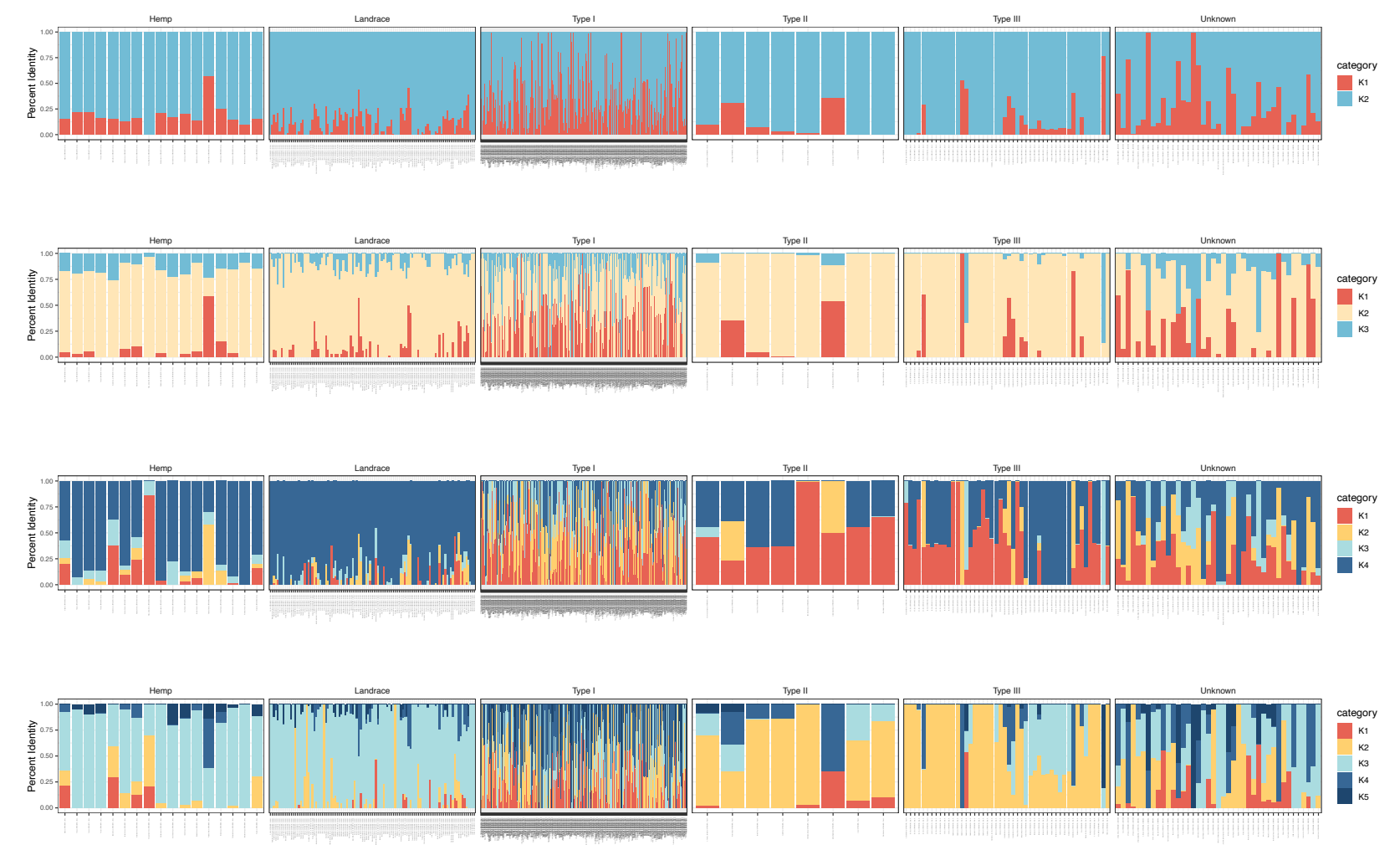Figure 1 Examining hierarchical clustering on principal components (HCPC) and population structure in the LeafWorks Inc. (n=498) and Phylos Biosciences (n=845) datasets. In each case population genetic clustering was conducted based only on nuclear genetic SNPs while reported use-type within the dataset is below in solid bars to facilitate interpretation based upon community standards **(A)** Hierarchical cluster dendrogram from 520 nuclear SNPs for the LeafWorks Inc. dataset with use-type indicated below. Use-type are pictured below (Type I=288, Type II =5, Type III=16, Hemp=44, Landrace=101 and Unknown=44) **(B)** Visualization of population structure and admixture from 1,405 nuclear SNPs for the LeafWorks Inc. dataset using the fastSTRUCTURE software (k=2-5) with the optimal number of K being 4 using the silhouette method **(Fig. S9-10) (C)** Hierarchical cluster dendrogram from 292 nuclear SNPs for the Phylos Biosciences dataset with use-type indicated below. Use-type accessions include Type I=479, Type II=8, Type III=46, Landrace=127, Hemp=143 and Unknown=42 **(D)** Visualization of population structure and admixture from 385 nuclear SNPs for the Phylos Biosciences dataset using the fastSTRUCTURE software (k=2-5) with the optimal number of K being 3 using the Silhouette method **(Fig. S9-10)**.