

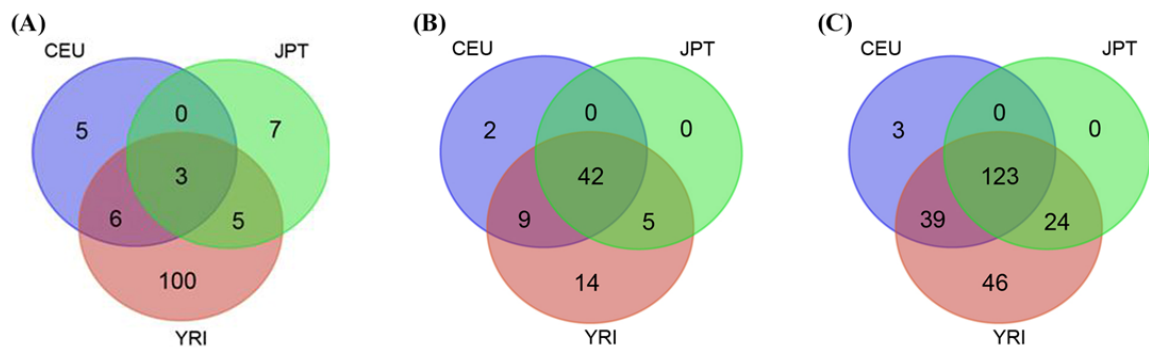
## **SUPPLEMENTARY INFORMATION**

### **Semantic Modeling for SNPs Associated with Ethnic Disparities in HapMap Samples**

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**Supplementary Fig. 1.** Venn diagrams of ethnic disparities for disease (A), drug (B), and pathway (C) between North Americans with European ancestry (CEU), Japanese from Tokyo (JPT), and Yorubans from Ibadan (YRI).