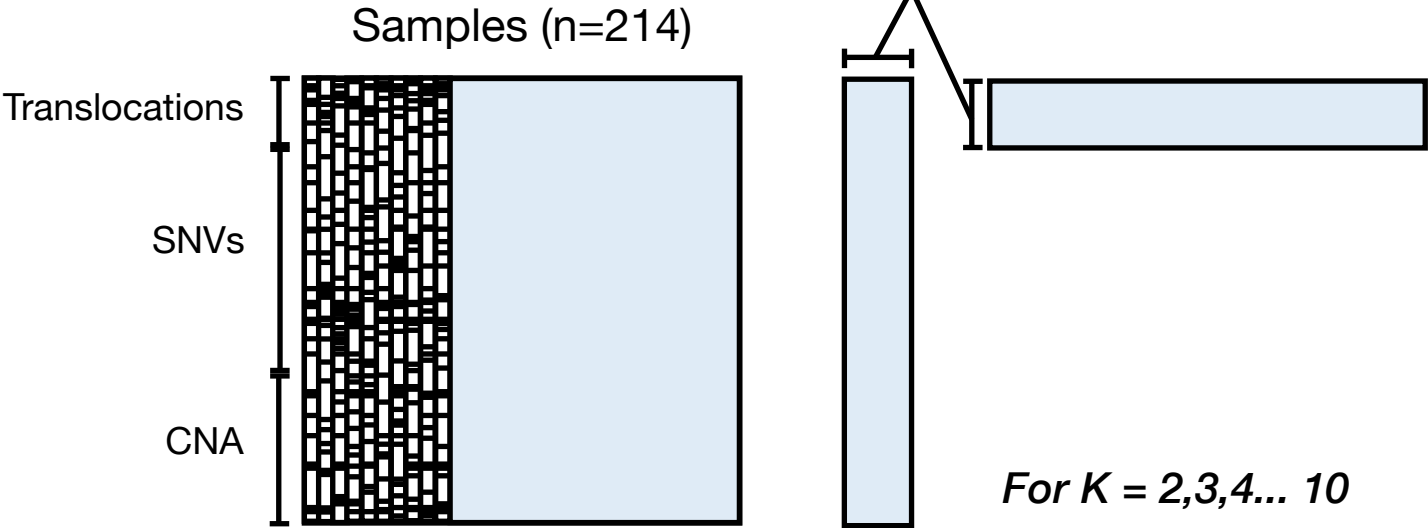


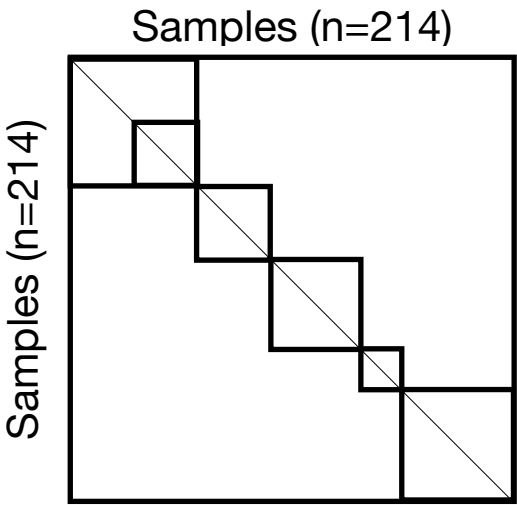
**SMM Tumor Exomes & Target Capture**

n=214 

*Binarized Features*



**Binary Matrix Factorization**



**Consensus Matrix & Hierarchical Clustering**

**6 SMM Subtypes**

**Transcriptomics**

n=89



Differential  
Expression



Phenotypes

**Clinical Course & Outcomes**

n=87



Survival



Clinical