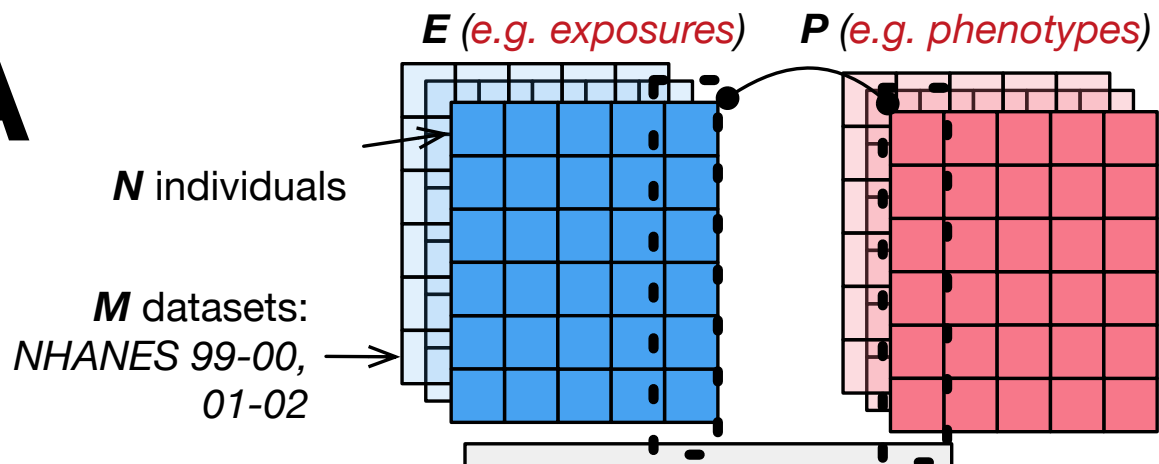


**A****B**

**Co-variable  
adjustment selection**

**C**

**Regression**  
*corr( $P, E$ ) on dataset  $M$*

**D**

**Random effects**  
*association, standard  
error, pvalue, FDR*

**E**

**EP-WAS Atlas**  
*Comprehensive E-P  
Associations*