

# Genes Mirror Geography in Europe (*Nature* 2009, 456, 98)

## 1. QUESTION:

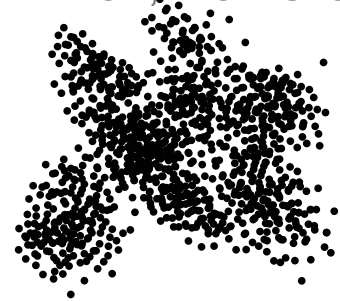
*What factors most contribute to genetic variation in Europe?*

## 2. EXPR SET-UP:

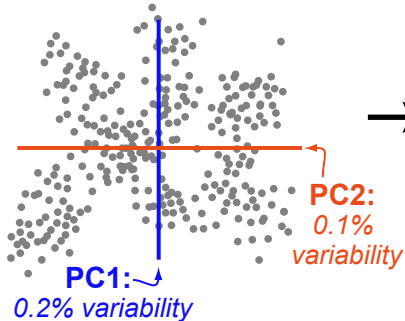
measurements:  
**197,146 genes**

data points:  
**1,387 Europeans**

## 3. DATA: 197,146D shape



## 4. PCA: 1D "fit" lines



## 5. HYPOTHESIS?



## 6. CONFIRMATION:

