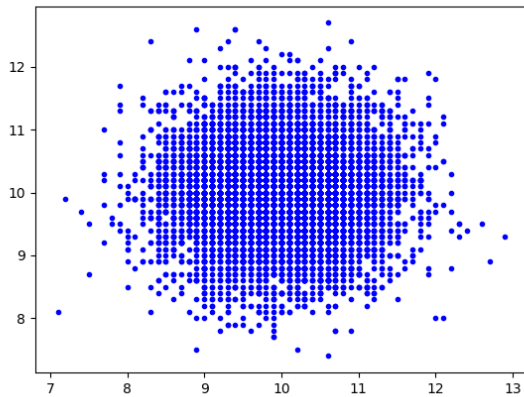
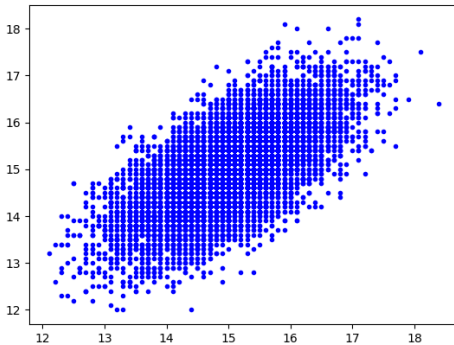


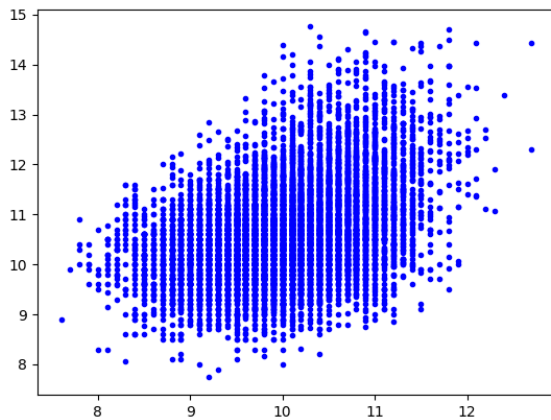
## Data Generation and Continuous Buhmbox Goal Description



Independent snps  
[100, 0, 0, 100]



Shared SNPS  
[50, 100, 0, 50]



Heterogeneous individuals

Independent SNPs [100, 0, 0, 100]

But with individuals whose phenotype 2 is:  
 $\max(\text{phenotype2}, \text{phenotype1 with random noise})$

Below blue is individuals who have  
 $\text{phenotype2} = \text{reg phenotype2}$ , red is  $\text{phenotype2} =$   
 $\text{phenotype1 with random noise}$ .

