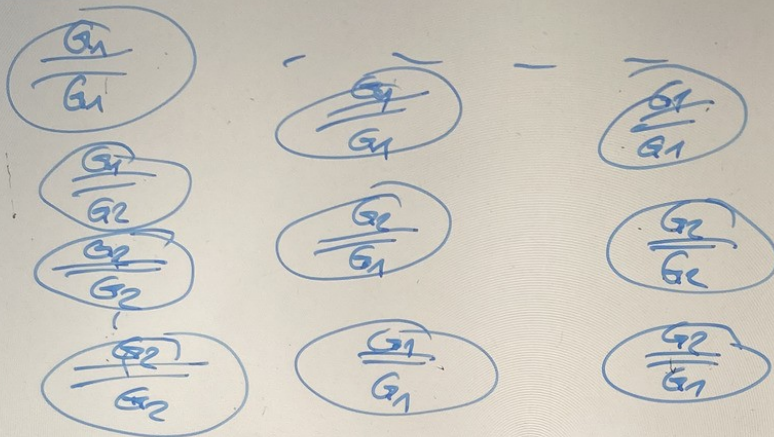


Population : Locus G is bi-allelic,
 (Size $N=10$) in the whole population alleles G_1
 and G_2 can be observed.



Interest in genotypes $\Rightarrow G_1G_2 = G_2G_1$
 (not haplotypes)

Genotype frequencies : $f(G_1G_1) = \frac{4}{10} = 0.4$

$f(G_1G_2) = \frac{3}{10} = 0.3$

$f(G_2G_2) = \frac{3}{10} = 0.3$

Allele frequencies :

$f(G_1) = \frac{11}{20} = 0.55 = p$

$f(G_2) = \frac{9}{20} = 0.45 = q = 1-p$