

Hardy-Weinberg Equation

- p = the frequency of the dominant allele
- q = the frequency of the recessive allele

$$p + q = 1$$

- If we square this formula, we get:

$$p^2 + 2pq + q^2 = 1$$

- p^2 = the frequency of homozygous dominant individuals
- q^2 = the frequency of homozygous recessive individuals
- $2pq$ = the frequency of heterozygotes

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