PBG 200A Notes

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1   Questions from the notes

- Are we assuming the mean of the population is $\mu = 0$? More specifically, are we assuming nobody in the population has the gene?

- In figure 17, why don't we see only positive phenotypes?

- Question 1A:

$$\text{cov[half-sibs]} = 0.25 = 2F_{\text{half-sibs}}V_A \qquad F_{\text{half-sibs}} = \frac{1}{8} \qquad \implies \qquad V_A = 1 \qquad \implies \qquad h^2 = \frac{V_A}{V} = \frac{1}{4}$$

- Question 1B: ?

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