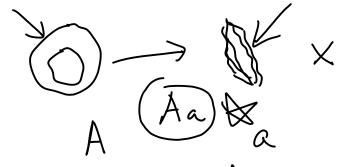
Review of Hardy - Weinberg

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Sicke sall. syndrome.



Punnett Square
App 2 2pg

ag Pg g²

"a" > syndrone., HWEV

P(syndrone) = 91%. P(no syn.) = 9%

R(A)? P(a)?

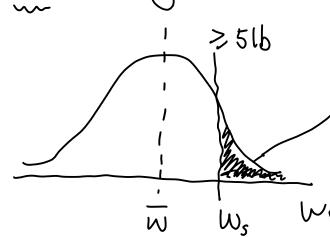
P(no syn.) = 970 $P(A^{a})^{2}$ P(A) = 0.3 = P(a) = 0.7

	Pu	nnett	59.	W	utiple alleles
		A.	Az	A	altiple alleles
		,	6		
A_1	P	$\frac{\rho^2}{}$	PE	Pr	
4 a	7	PZ	8	97	freq (A2A3)=297
/\ A 3	γ	rp	rg	~2	1

Review of heritability

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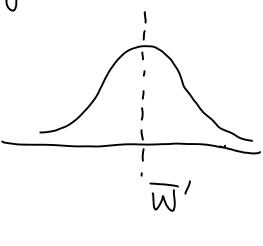
 $h^2 = \frac{R}{S}$



$$R = \overline{\omega}' - \overline{\omega}$$

$$S = \omega_s - \overline{\omega}$$

Next generation



Weight pigeons

$$R \leq S R \leq S$$

$$h^2 = \frac{R}{S} \leq S$$

breeder's equation "

