Model:	MixedLM	Dependent Variable:	weight
No. Observations:	40	Method:	REML
No. Groups:	5	Scale:	463.7928
Min. group size:	8	Log-Likelihood:	-179.1085
Max. group size:	8	Converged:	Yes
Mean group size:	8.0		

	Coef.	Std.Err.	z	P>|z|	[0.025	0.975]
Intercept	82.550	5.911	13.965	0.000	70.964	94.136
sire Var	116.750	6.056				

alpha_hat = 463.7929 variance sire =116.750 intercept = 82.550