

Table S#. Estimates of variance-covariance components and broad sense heritability using various methods for estimating parameters in the linear mixed-effects model.

Method	Component	Females				Males			
		Estimate	Jackknife	Lower 95% CI	Upper 95% CI	Estimate	Jackknife	Lower 95% CI	Upper 95% CI
ANOVA	$\hat{\sigma}_{\beta_{0i}}^2$	4.176376	4.222055	0.818848	7.625262	7.894796	7.885140	1.780019	13.990261
	$\hat{\sigma}_{\beta_{1i}}^2$	0.003093	0.003131	0.000591	0.005671	0.005759	0.005753	0.001330	0.010175
	$Cov(\beta_0, \beta_1)$	-0.113664	-0.114983	-0.207922	-0.022044	-0.213231	-0.212990	-0.377274	-0.048706
	σ_ε^2	0.025323	0.025350	0.017416	0.033283	0.022589	0.022626	0.016258	0.028993
	$\sigma_{CT_{max}}^2$	0.594709	0.611843	0.095040	1.128645	2.085709	2.079167	0.604101	3.554233
	$\sigma_{\hat{z}}^2$	0.163722	0.167434	0.039708	0.295159	0.689940	0.680720	0.146407	1.215034
	$H_{CT_{max}}^2$	0.781584	0.790793	0.713939	0.867647	0.750866	0.750360	0.699404	0.801316
	$H_{\hat{z}}^2$	0.215169	0.206795	0.131965	0.281624	0.248382	0.249001	0.197763	0.300239
ML	$\hat{\sigma}_{\beta_{0i}}^2$	3.627185	3.798623	0.851691	6.745556	7.508898	7.906648	1.943793	13.869503
	$\hat{\sigma}_{\beta_{1i}}^2$	0.002667	0.002805	0.000611	0.004998	0.005478	0.005781	0.001472	0.010090
	$Cov(\beta_0, \beta_1)$	-0.098364	-0.103366	-0.183723	-0.023008	-0.202806	-0.214053	-0.374382	-0.053725
	σ_ε^2	0.025342	0.025379	0.017435	0.033323	0.022591	0.022629	0.016262	0.028995
	$\sigma_{CT_{max}}^2$	0.486893	0.444964	-0.009015	0.898944	1.984456	1.900759	0.570539	3.230979
	$\sigma_{\hat{z}}^2$	0.141176	0.149578	0.038018	0.261138	0.656208	0.685757	0.170153	1.201361
	$H_{CT_{max}}^2$	0.772182	0.758771	0.663605	0.853937	0.750905	0.730511	0.670472	0.790550
	$H_{\hat{z}}^2$	0.223896	0.238107	0.145710	0.330503	0.248304	0.268794	0.208392	0.329196
REML	$\hat{\sigma}_{\beta_{0i}}^2$	3.855075	3.790919	0.688634	6.893203	7.934343	7.906623	1.606537	14.206708
	$\hat{\sigma}_{\beta_{1i}}^2$	0.002833	0.002803	0.000489	0.005117	0.005787	0.005781	0.001231	0.010332
	$Cov(\beta_0, \beta_1)$	-0.104513	-0.103320	-0.188112	-0.018528	-0.214281	-0.214055	-0.383359	-0.044751
	σ_ε^2	0.025341	0.025378	0.017435	0.033321	0.022591	0.022629	0.016262	0.028995
	$\sigma_{CT_{max}}^2$	0.514967	0.401291	-0.009975	0.812558	2.096738	1.893919	0.422145	3.365694
	$\sigma_{\hat{z}}^2$	0.149959	0.149561	0.031902	0.267221	0.693300	0.685338	0.140733	1.229943
	$H_{CT_{max}}^2$	0.771604	0.736672	0.669950	0.803394	0.750946	0.731923	0.679424	0.784421
	$H_{\hat{z}}^2$	0.224691	0.259674	0.193723	0.325625	0.248305	0.267388	0.214568	0.320208

