

STØTTET AF

Mælkeafgiftsfonden

Final parameters used in the snell score model

Table 1. Estimates of HOL heritabilities and genetic correlations. Heritabilities on diagonal, genetic correlations above diagonal. Upper number is the new estimates. Lower number is the values used in the current evaluation

[illegible]

Table 3. Estimates of JER heritabilities and genetic correlations. Heritabilities on diagonal, genetic correlations above diagonal. Upper number is the new estimates. Lower number is the values used in the current evaluation

[illegible]

Table 4. Direct and maternal genetic variances.

Trait	Direct			Maternal		
	HOL	RDC	JER	HOL	RDC	JER
SB1	0.0108	0.0091	0.0074	0.0097	0.0058	0.0050
CE1	0.0538	0.0326	0.0042	0.0402	0.0270	0.0083
CS1	0.1365	0.1583	0.0937	0.0298	0.0306	0.0221
SB2	0.0017	0.0022	0.0017	0.0017	0.0020	0.0017
CE2	0.0252	0.0110	0.0026	0.0150	0.0108	0.0026
CS2	0.1197	0.1477	0.0957	0.0282	0.0297	0.0226

Table 5. HxY variances – new and current

Trait	Residual variance		H x Y variance		H x Y pct of residual	
	Current	New	Current	New	Current	New
	HOL					
SB1	0.2170	0.2573	0.0420	0.0012	19.4%	0.5%
CE1	0.5183	0.4077	0.1095	0.0482	21.1%	11.8%
CS1	0.4697	0.4764	0.1155	0.0306	24.6%	6.4%
SB2	0.1411	0.1530	0.0255	0.0005	18.1%	0.3%
CE2	0.4312	0.3035	0.0840	0.0011	19.5%	0.4%
CS2	0.4725	0.4616	0.1125	0.0277	23.8%	6.0%
	RDC					
SB1	0.1483	0.1483	0.0300	0.0014	18.9%	0.9%
CE1	0.3897	0.3897	0.1035	0.0213	20.0%	5.5%
CS1	0.4829	0.4829	0.1200	0.0173	25.9%	3.6%
SB2	0.0959	0.1045	0.0255	0.0012	18.1%	1.1%
CE2	0.3021	0.3021	0.0825	0.0093	18.5%	3.1%
CS2	0.4829	0.4829	0.1185	0.0143	25.2%	3.0%
	JER					
SB1	0.2000	0.2111	0.0375	0.0013	18.8%	0.6%
CE1	0.3444	0.1850	0.0630	0.0034	18.3%	1.8%
CS1	0.5396	0.5312	0.1140	0.0586	21.1%	11.0%
SB2	0.1494	0.1055	0.0270	0.0006	18.1%	0.5%
CE2	0.2241	0.0958	0.0405	0.0011	18.1%	1.1%
CS2	0.5254	0.5425	0.1110	0.0287	21.1%	5.3%

Table 6. Permanent cow variances – new and current

Trait	Residual variance		Permanent cow variance		Pct of residual	
	Current	New	Current	New	Current	New
	HOL					
SB2	0.1411	0.1530	0	0.0030	0.0%	1.9%
CE2	0.4312	0.3035	0	0.0115	0.0%	3.8%
CS2	0.4725	0.4616	0	0.0098	0.0%	2.1%
	RDC					
SB2	0.1411	0.1045	0	0.0017	0.0%	1.6%
CE2	0.4455	0.3021	0	0.0108	0.0%	3.6%
CS2	0.4701	0.4829	0	0.0266	0.0%	5.5%
	JER					
SB2	0.1494	0.1055	0	0.0017	0.0%	1.6%
CE2	0.2241	0.0958	0	0.0022	0.0%	2.2%
CS2	0.5254	0.5425	0	0.0094	0.0%	1.7%