

correlations for RDC bulls with more than 300 offspring and 100 daughters with offspring for SB and CE

ooo: current calving model and data

nnn: snell score model and data

nnr: snell score model and data, where correlations are set to zero.

direct traits

TYPE	_NAME_	oooSBd1	nnnSBd1	nncSBd1	oooCEd1	nnnCEd1	nncCEd1	oooCSd1	nnnCSd1	nncCSd1	oooSBd2	nnnSBd2	nncSBd2	oooCEd2	nnnCEd2	nncCEd2	oooCSd2	nnnCSd2	nncCSd2
MEAN		0.0345372	0.13347623	0.11636782	0.02267693	0.07933929	0.01055139	0.10558037	0.0372574	0.09238938	0.011915	0.06353573	0.04963891	-0.0008913	0.0458485	0.0177478	0.0343754	-0.1120568	-0.0905242
STD		0.02253512	0.04814344	0.04536499	0.13537016	0.14796743	0.14386526	0.29707422	0.32375779	0.30609363	0.01077728	0.02967585	0.03073638	0.06642867	0.07590055	0.06976581	0.27377608	0.30247297	0.29859627
N		353	353	353	353	353	353	353	353	353	353	353	353	353	353	353	353	353	353
CORR	oooSBd1	1	0.91	0.85	0.76	0.76	0.74	-0.64	-0.66	-0.60	0.60	0.55	0.43	0.66	0.62	0.55	-0.63	-0.63	-0.57
CORR	nnnSBd1	0.91	1	0.97	0.70	0.71	0.67	-0.59	-0.62	-0.56	0.62	0.67	0.54	0.63	0.64	0.57	-0.62	-0.63	-0.58
CORR	nncSBd1	0.85	0.97	1	0.58	0.61	0.56	-0.46	-0.51	-0.44	0.50	0.57	0.44	0.50	0.52	0.46	-0.49	-0.51	-0.46
CORR	oooCEd1	0.76	0.70	0.58	1	0.99	0.99	-0.94	-0.92	-0.86	0.45	0.43	0.34	0.96	0.92	0.88	-0.92	-0.89	-0.84
CORR	nnnCEd1	0.76	0.71	0.61	0.99	1	1.00	-0.91	-0.90	-0.83	0.44	0.45	0.36	0.94	0.91	0.87	-0.89	-0.86	-0.81
CORR	nncCEd1	0.74	0.67	0.56	0.99	1.00	1	-0.91	-0.89	-0.83	0.42	0.42	0.34	0.93	0.90	0.87	-0.88	-0.85	-0.80
CORR	oooCSd1	-0.64	-0.59	-0.46	-0.94	-0.91	-0.91	1	0.98	0.94	-0.47	-0.40	-0.32	-0.96	-0.90	-0.87	0.95	0.92	0.88
CORR	nnnCSd1	-0.66	-0.62	-0.51	-0.92	-0.90	-0.89	0.98	1	0.97	-0.46	-0.39	-0.30	-0.93	-0.86	-0.82	0.93	0.92	0.88
CORR	nncCSd1	-0.60	-0.56	-0.44	-0.86	-0.83	-0.83	0.94	0.97	1	-0.42	-0.36	-0.28	-0.87	-0.79	-0.74	0.88	0.87	0.85
CORR	oooSBd2	0.60	0.62	0.50	0.45	0.44	0.42	-0.47	-0.46	-0.42	1	0.93	0.89	0.57	0.57	0.50	-0.51	-0.53	-0.48
CORR	nnnSBd2	0.55	0.67	0.57	0.43	0.45	0.42	-0.40	-0.39	-0.36	0.93	1	0.98	0.51	0.54	0.46	-0.45	-0.47	-0.42
CORR	nncSBd2	0.43	0.54	0.44	0.34	0.36	0.34	-0.32	-0.30	-0.28	0.89	0.98	1	0.44	0.47	0.40	-0.37	-0.39	-0.35
CORR	oooCEd2	0.66	0.63	0.50	0.96	0.94	0.93	-0.96	-0.93	-0.87	0.57	0.51	0.44	1	0.97	0.94	-0.93	-0.90	-0.86
CORR	nnnCEd2	0.62	0.64	0.52	0.92	0.91	0.90	-0.90	-0.86	-0.79	0.57	0.54	0.47	0.97	1	0.99	-0.88	-0.86	-0.82
CORR	nncCEd2	0.55	0.57	0.46	0.88	0.87	0.87	-0.87	-0.82	-0.74	0.50	0.46	0.40	0.94	0.99	1	-0.84	-0.82	-0.78
CORR	oooCSd2	-0.63	-0.62	-0.49	-0.92	-0.89	-0.88	0.95	0.93	0.88	-0.51	-0.45	-0.37	-0.93	-0.88	-0.84	1	0.99	0.96
CORR	nnnCSd2	-0.63	-0.63	-0.51	-0.89	-0.86	-0.85	0.92	0.92	0.87	-0.53	-0.47	-0.39	-0.90	-0.86	-0.82	0.99	1	0.99
CORR	nncCSd2	-0.57	-0.58	-0.46	-0.84	-0.81	-0.80	0.88	0.88	0.85	-0.48	-0.42	-0.35	-0.86	-0.82	-0.78	0.96	0.99	1

maternal traits

TYPE	_NAME_	oooSBm1	nnnSBm1	nncSBm1	oooCEm1	nnnCEm1	nncCEm1	oooCSm1	nnnCSm1	nncCSm1	oooSBm2	nnnSBm2	nncSBm2	oooCEm2	nnnCEm2	nncCEm2	oooCSm2	nnnCSm2	nncCSm2
MEAN		0.02395719	0.04373431	0.04154403	0.15441291	0.1808932	0.17865514	-0.0697066	0.01857646	0.00374128	0.00951167	0.00212703	-0.0011564	0.08675092	0.08393041	0.0777612	-0.0645299	-0.0378674	-0.0834241
STD		0.01944794	0.04239627	0.04288531	0.08834454	0.10105722	0.10209413	0.1051275	0.11400871	0.11031061	0.01002515	0.02160808	0.02228191	0.04280242	0.04681415	0.04487254	0.08417635	0.09600821	0.08893878
N		353	353	353	353	353	353	353	353	353	353	353	353	353	353	353	353	353	353
CORR	oooSBm1	1	0.96	0.94	0.69	0.70	0.66	-0.17	-0.05	-0.05	0.62	0.66	0.41	0.48	0.42	0.27	0.04	0.01	0.01
CORR	nnnSBm1	0.96	1	0.99	0.59	0.60	0.55	-0.18	-0.11	-0.09	0.64	0.67	0.46	0.43	0.40	0.28	-0.04	-0.08	-0.08
CORR	nncSBm1	0.94	0.99	1	0.53	0.53	0.48	-0.14	-0.08	-0.07	0.56	0.60	0.38	0.35	0.33	0.23	0.00	-0.06	-0.06
CORR	oooCEm1	0.69	0.59	0.53	1	0.99	0.98	-0.57	-0.37	-0.36	0.63	0.50	0.32	0.83	0.74	0.61	-0.33	-0.32	-0.29
CORR	nnnCEm1	0.70	0.60	0.53	0.99	1	0.99	-0.54	-0.32	-0.30	0.64	0.52	0.32	0.82	0.73	0.58	-0.31	-0.30	-0.28
CORR	nncCEm1	0.66	0.55	0.48	0.98	0.99	1	-0.56	-0.34	-0.33	0.58	0.45	0.25	0.79	0.69	0.54	-0.31	-0.31	-0.28
CORR	oooCSm1	-0.17	-0.18	-0.14	-0.57	-0.54	-0.56	1	0.95	0.92	-0.46	-0.24	-0.22	-0.46	-0.42	-0.38	0.81	0.77	0.68
CORR	nnnCSm1	-0.05	-0.11	-0.08	-0.37	-0.32	-0.34	0.95	1	0.98	-0.34	-0.16	-0.20	-0.28	-0.27	-0.26	0.77	0.74	0.64
CORR	nncCSm1	-0.05	-0.09	-0.07	-0.36	-0.30	-0.33	0.92	0.98	1	-0.27	-0.14	-0.17	-0.23	-0.23	-0.22	0.69	0.66	0.55
CORR	oooSBm2	0.62	0.64	0.56	0.63	0.64	0.58	-0.46	-0.34	-0.27	1	0.84	0.72	0.77	0.72	0.63	-0.55	-0.49	-0.47
CORR	nnnSBm2	0.66	0.67	0.60	0.50	0.52	0.45	-0.24	-0.16	-0.14	0.84	1	0.93	0.56	0.54	0.46	-0.21	-0.13	-0.11
CORR	nncSBm2	0.41	0.46	0.38	0.32	0.32	0.25	-0.22	-0.20	-0.17	0.72	0.93	1	0.44	0.44	0.41	-0.24	-0.14	-0.11
CORR	oooCEm2	0.48	0.43	0.35	0.83	0.82	0.79	-0.46	-0.28	-0.23	0.77	0.56	0.44	1	0.96	0.89	-0.48	-0.41	-0.40
CORR	nnnCEm2	0.42	0.40	0.33	0.74	0.73	0.69	-0.42	-0.27	-0.23	0.72	0.54	0.44	0.96	1	0.96	-0.45	-0.35	-0.33
CORR	nncCEm2	0.27	0.28	0.23	0.61	0.58	0.54	-0.38	-0.26	-0.22	0.63	0.46	0.41	0.89	0.96	1	-0.46	-0.36	-0.34
CORR	oooCSm2	0.04	-0.04	0.00	-0.33	-0.31	-0.31	0.81	0.77	0.69	-0.55	-0.21	-0.24	-0.48	-0.45	-0.46	1	0.96	0.92
CORR	nnnCSm2	0.01	-0.08	-0.06	-0.32	-0.30	-0.31	0.77	0.74	0.66	-0.49	-0.13	-0.14	-0.41	-0.35	-0.36	0.96	1	0.98
CORR	nncCSm2	0.01	-0.08	-0.06	-0.29	-0.28	-0.28	0.68	0.64	0.55	-0.47	-0.11	-0.11	-0.40	-0.33	-0.34	0.92	0.98	1