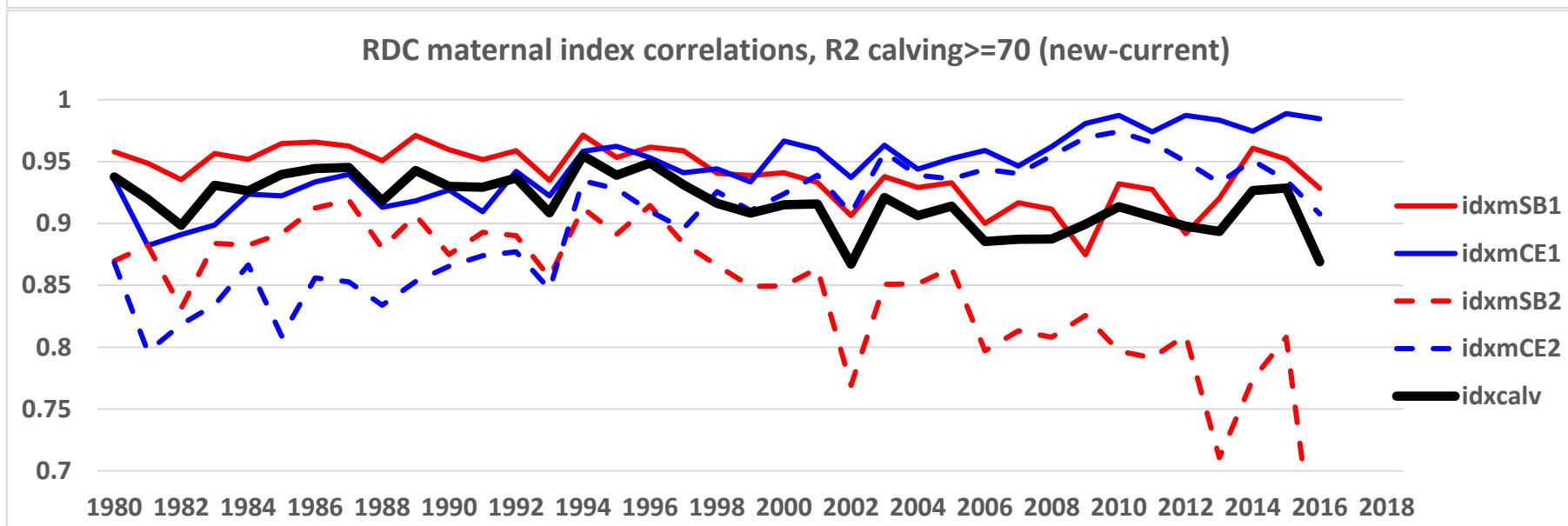
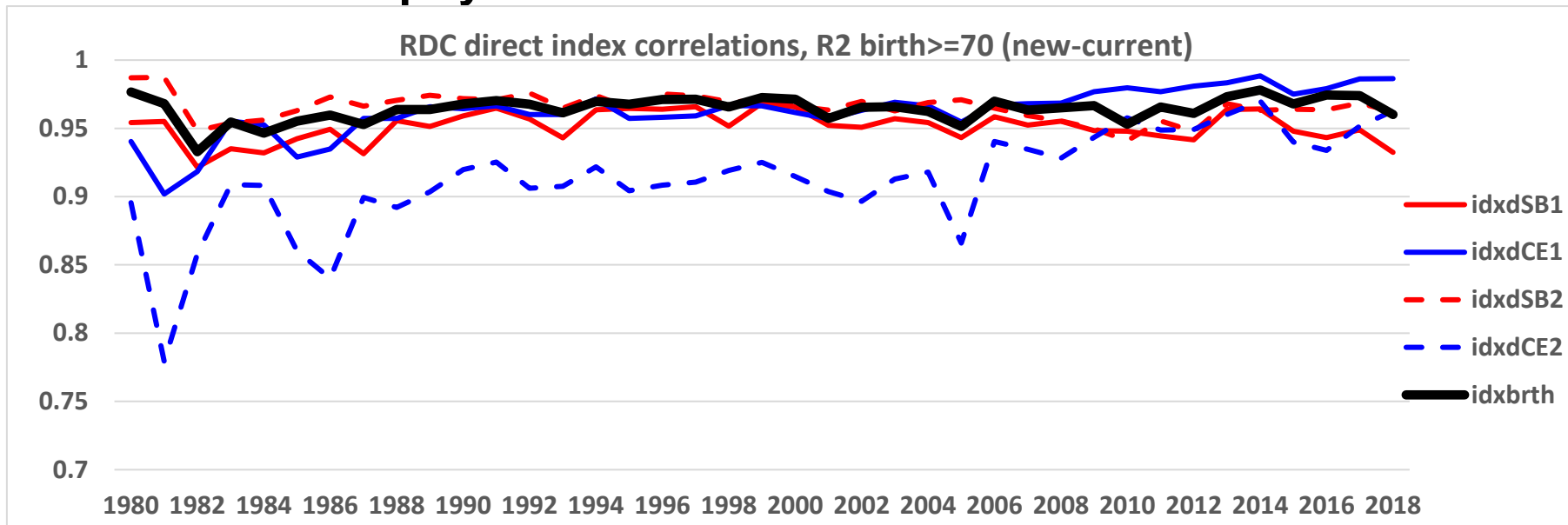
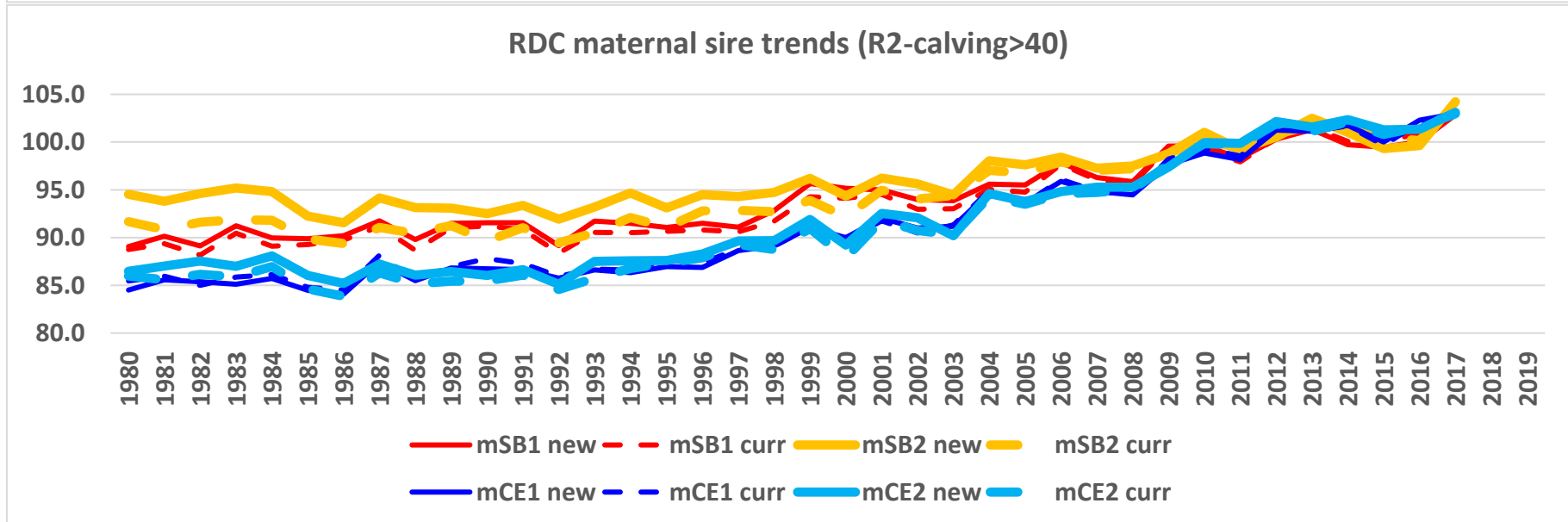
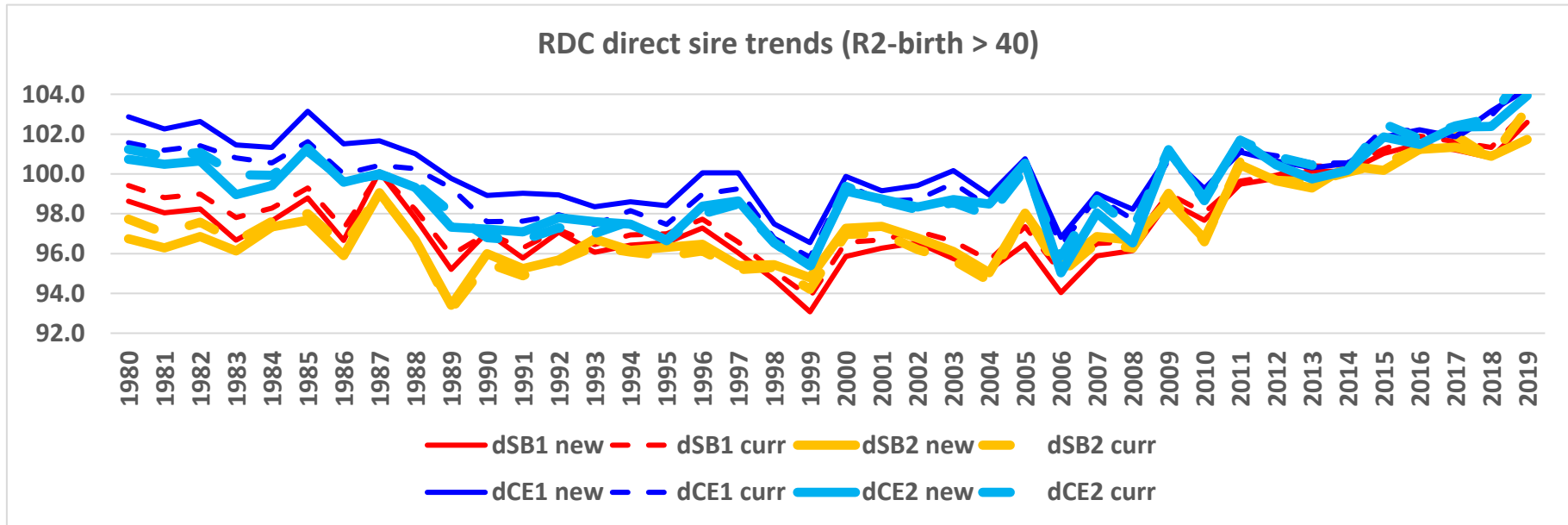


RDC correlations pr year



RDC sire trends SB and CE



RDC correlations between current and different test runs

AI bulls with at least 300 offspring and 100 daughters with offspring

	Old data		Old data				New data		New data	
	Old parameters		New parameters				New parameters		Old parameters	
	ooo	ooox	onn	onnx	onn2	onn3	nnn	nnnx	non	nonx
dSB1	1.00	1.00	0.98	0.98	0.98	0.98	0.98	0.98	0.75	0.75
dCE1	1.00	1.00	1.00	1.00	1.00	1.00	0.99	0.99	0.99	0.99
dSB2	1.00	1.00	0.98	0.98	0.98	0.98	0.97	0.97	0.66	0.66
dCE2	1.00	1.00	0.98	0.98	0.98	0.98	0.97	0.97	0.98	0.98
mSB1	1.00	1.00	0.96	0.96	0.98	0.98	0.95	0.95	0.96	0.96
mCE1	1.00	1.00	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
mSB2	1.00	1.00	0.84	0.84	0.89	0.89	0.80	0.80	0.85	0.85
mCE2	1.00	1.00	0.97	0.97	0.98	0.98	0.96	0.96	0.98	0.98

RDC variances

Current parameters

	Direct	Maternal	HxY	Perm. Cow	Residual	Sum of variances	Observed SD	VAR = SD*SD	Obs var/sum
SB1	0.0070	0.0040	0.0300		0.1590	0.2000	0.21712	0.04714	0.24
CE1	0.0414	0.0276	0.1035		0.5175	0.6900	0.72274	0.52235	0.76
CS1	0.1840	0.0320	0.1200		0.4640	0.8000	0.80003	0.64005	0.80
SB2	0.0017	0.0017	0.0255		0.1411	0.1700	0.16880	0.02849	0.17
CE2	0.0110	0.0110	0.0825		0.4455	0.5500	0.55967	0.31323	0.57
CS2	0.1659	0.0356	0.1185		0.4701	0.7900	0.78848	0.62170	0.79

Observed (from MiX99 output)

New snell score parameters

	Direct	Maternal	HxY	Perm. Cow	Residual	Sum	Observed SD	VAR = SD*SD	Obs var/sum
SB1	0.00914	0.00580	0.00138		0.14825	0.16457	0.47239	0.22315	1.36
CE1	0.03263	0.02704	0.02125		0.38965	0.47057	0.61233	0.37495	0.80
CS1	0.15828	0.03062	0.01725		0.48285	0.68899	0.92473	0.85513	1.24
SB2	0.00223	0.00199	0.00116	0.00165	0.10450	0.11153	0.41046	0.16848	1.51
CE2	0.01097	0.01082	0.00934	0.01079	0.30208	0.34400	0.48435	0.23459	0.68
CS2	0.14767	0.02965	0.01428	0.02657	0.48285	0.70102	0.91760	0.84199	1.20

Observed (from MiX99 output)

HOL variances

Current parameters

	Direct	Maternal	HxY	Perm	Residual	Sum	Observed SD	VAR = SD*SD	Obs var/ sum
SB1	0.0112	0.0098	0.0420		0.2170	0.2800	0.27492	0.07558	0.27
CE1	0.0584	0.0438	0.1095		0.5183	0.7300	0.76578	0.58642	0.80
CS1	0.1540	0.0308	0.1155		0.4697	0.7700	0.77098	0.59441	0.77
SB2	0.0017	0.0017	0.0255	0.0000	0.1411	0.1700	0.16518	0.02728	0.16
CE2	0.0280	0.0168	0.0840	0.0000	0.4312	0.5600	0.57452	0.33007	0.59
CS2	0.1350	0.0300	0.1125	0.0000	0.4725	0.7500	0.74723	0.55835	0.74

Observed (from MiX99 output)

New snell score parameters

	Direct	Maternal	HxY	Perm	Residual	Sum	Observed SD	VAR = SD*SD	Obs var/ sum
SB1	0.01084	0.00974	0.00120		0.25727	0.27905	0.52962	0.28050	1.01
CE1	0.05377	0.04016	0.04820		0.40770	0.54984	0.75386	0.56830	1.03
CS1	0.13652	0.02981	0.03056		0.47636	0.67326	0.91020	0.82846	1.23
SB2	0.00165	0.00165	0.00047	0.00296	0.15299	0.15971	0.39258	0.15412	0.96
CE2	0.02518	0.01503	0.00109	0.01152	0.30347	0.35629	0.63980	0.40934	1.15
CS2	0.11967	0.02815	0.02769	0.00984	0.46159	0.64694	0.90198	0.81357	1.26

Observed (from MiX99 output)

JER variances

Current parameters

	Direct	Maternal	HxY	Perm	Residual	Sum	Observed (from MiX99 output) Observed SD	VAR = SD*SD	Obs var/ sum
SB1	0.0075	0.0050	0.0375		0.2000	0.2500	0.24274	0.05892	0.24
CE1	0.0042	0.0084	0.0630		0.3444	0.4200	0.40674	0.16544	0.39
CS1	0.0836	0.0228	0.1140		0.5396	0.7600	0.73726	0.54355	0.72
SB2	0.0018	0.0018	0.0270	0.0000	0.1494	0.1800	0.16222	0.02632	0.15
CE2	0.0027	0.0027	0.0405	0.0000	0.2241	0.2700	0.26410	0.06975	0.26
CS2	0.0814	0.0222	0.1110	0.0000	0.5254	0.7400	0.71723	0.51442	0.70

New snell score parameters

	Direct	Maternal	HxY	Perm	Residual	Sum	Observed (from MiX99 output) Observed SD	VAR = SD*SD	Obs var/ sum
SB1	0.00743	0.00497	0.00133		0.21105	0.22478	0.50468	0.25470	1.13
CE1	0.00416	0.00831	0.00341		0.18500	0.20088	0.55391	0.30682	1.53
CS1	0.09374	0.02213	0.05856		0.53120	0.70563	0.90199	0.81359	1.15
SB2	0.00172	0.00172	0.00057	0.00169	0.10554	0.11124	0.39381	0.15509	1.39
CE2	0.00256	0.00256	0.00109	0.00215	0.09581	0.10417	0.42809	0.18326	1.76
CS2	0.09574	0.02261	0.02873	0.00941	0.54254	0.69903	0.89568	0.80224	1.15