seq	percentil	bwt	wwt	ywt	milk	scro	cce	ce	mce	mwwt	doc	gest	stay	pwng	penv	cw	rea	fat	marb	ly	dtf	yg	index1	index2
COM	1	-2.7	96.8	150	34.5			18.4	11.1	76.4	18.7		22.6	0.34		49.967	1.27	-0.013	0.54			-0.606	161.86	91.527
COM	2	-2.2	94.534	146	33.2			17.3	10.334	74.4	17.9		21.9	0.33		47.2	1.23	-0.021	0.48			-0.587	157.4	89.46
COM	3	-1.8	93.1	142.9	32.4			16.7	9.9	73.2	17.4		21.3	0.32		45.1	1.19	-0.027	0.45			-0.571	153.68	88.28
COM	4	-1.5	91.8	140.6	31.8			16.2	9.6	72.068	17		21.1	0.31		43.768	1.16	-0.032	0.42			-0.562	151.51	87.2
COM	5	-1.235	90.7	138.8	31.2			15.8	9.3	71.4	16.6		20.7	0.31		42.6	1.14	-0.035	0.4			-0.552	150.17	86.46
COM	10	-0.4	87.1	132.9	29.3			14.4	8.4	69	15.4		19.7	0.29		39.1	1.06	-0.052	0.31			-0.526	143.88	83.57
COM	15	0.2	84.5	128.9	28			13.4	7.8	67.4	14.7		19	0.28		36.705	1.01	-0.064	0.25			-0.51	139.44	81.44
COM	20	0.6	82.8	125.8	27.1			12.7	7.4	66.04	14.2		18.4	0.27		35	0.97	-0.071	0.21			-0.496	135.75	79.93
COM	25	1	81.1	123.3	26.2			12.1	7	65	13.8		17.9	0.27		33.6	0.94	-0.077	0.17			-0.483	133.23	78.46
COM	30	1.3	79.6	120.81	25.5			11.6	6.6	63.9	13.4		17.5	0.26		32.3	0.91	-0.082	0.15			-0.471	130.58	77.2
COM	35	1.6	78.2	118.8	24.9			11.1	6.3	62.9	13.1		17.1	0.25		31.1	0.89	-0.086	0.12			-0.461	128.33	76.1
COM	40	1.9	76.8	116.7	24.3			10.6	6.1	62	12.8		16.7	0.25		29.8	0.86	-0.089	0.1			-0.45	126.19	75.1
COM	45	2.2	75.6	114.7	23.7			10.2	5.8	61.1	12.4		16.2	0.24		28.6	0.84	-0.092	0.08			-0.439	124.16	74.16
COM	50	2.4	74.4	112.7	23.1			9.8	5.5	60.3	12.1		15.8	0.24		27.4	0.82	-0.094	0.06			-0.428	122.18	73.23
COM	55	2.7	73.2	110.7	22.5			9.4	5.2	59.5	11.8		15.3	0.23		26.2	0.79	-0.097	0.04			-0.416	120.01	72.308
COM	60	2.9	72	108.7	21.8			9	4.9	58.6	11.5		14.9	0.23		25	0.77	-0.099	0.02			-0.404	117.81	71.34
COM	65	3.2	70.7	106.6	21.2			8.5	4.6	57.7	11.1		14.5	0.22		23.8	0.74	-0.101	0			-0.39	115.47	70.31
COM	70	3.5	69.2	104.3	20.6			8	4.3	56.7	10.7		13.9	0.22		22.5	0.71	-0.104	-0.02			-0.374	113.02	69.29
COM	75	3.8	67.6	101.8	20			7.5	4	55.7	10.3		13.3	0.21		21.2	0.68	-0.106	-0.04			-0.355	110.44	68.16
COM	80	4.1	65.9	99	19.3			6.86	3.5	54.6	9.8		12.7	0.2		19.8	0.64	-0.109	-0.06			-0.33	107.72	66.896
COM	85	4.5	63.9	95.6	18.4			6.2	3	53.3	9.1		12	0.19		18.2	0.6	-0.112	-0.09			-0.295	104.43	65.22
COM	90	5.1	61.3	91.5	17.4			5.4	2.4	51.6	8.2		11.1	0.18		16.1	0.54	-0.116	-0.13			-0.242	100.07	63.29
COM	95	5.9	57.265	85.1	15.9			4.3	1.4	48.865	6.8		9.7	0.16		12.5	0.45	-0.122	-0.18			-0.166	94.426	60.56
DAM	1	-2.5	91.9	141.05	45.1			17	10.3	82.5	18.3		22.148	0.32		44.7	1.19	0.015	0.51			-0.627	152.36	86.67
DAM	2	-1.796	88.7	136	43.3			15.7	9.6	80	17.196		21.296	0.31		41.4	1.14	-0.022	0.46			-0.607	147.03	83.939
DAM	3	-1.3	86.9	132.4	42.1			15.1	9.144	78.4	16.4		20.8	0.3		39.6	1.09	-0.032	0.4			-0.595	143.57	82.389
DAM	4	-0.9	85.6	129.8	41.3			14.5	8.8	77.3	15.7		20.4	0.29		38	1.07	-0.036	0.35			-0.587	140.66	81.098
DAM	5	-0.6	84.3	128	40.5			14	8.6	76.5	15.3		20	0.28		36.7	1.04	-0.042	0.32			-0.58	138.63	80.112
DAM	10	0.5	80.3	121	38.1			12.4	7.6	73.3	13.8		18.7	0.26		32.3	0.96	-0.07	0.21			-0.556	131.57	76.478
DAM	15	1.2	77.7	116	36.6			11.4	7	71.2	12.8		17.9	0.25		29.4	0.92	-0.083	0.14			-0.543	126.08	74.192
DAM	20	1.9	75.5	112.2	35.4			10.6	6.5	69.5	12.1		17.1	0.23		27.4	0.89	-0.091	0.09			-0.532	121.51	72.066
DAM	25	2.4	73.6	108.9	34.3			9.8	6.1	68.1	11.3		16.4	0.23		25.7	0.86	-0.098	0.06			-0.522	116.9	70.07
DAM	30	2.9	72	106.3	33.2			9	5.7	66.8	10.6		15.7	0.22		24.4	0.83	-0.102	0.03			-0.513	112.65	68.41
DAM	35	3.4	70.4	103.8	32.2			8.3	5.4	65.5	10		15.2	0.21		23.2	0.81	-0.106	0.01			-0.506	108.56	66.86
DAM	40	3.9	69.1	101.7	31.1			7.6	5	64.4	9.5		14.7	0.2		22.1	0.79	-0.108	0			-0.498	105.1	65.46
DAM	45	4.3	67.7	99.4	29.9			7	4.7	63.4	9		14.1	0.2		20.9	0.77	-0.11	-0.01			-0.492	101.78	64.246
DAM	50	4.7	66.3	97.3	28.9			6.4	4.4	62.2	8.6		13.6	0.19		19.8	0.75	-0.111	-0.02			-0.486	99.03	63.09
DAM	55	5	65	95.2	27.7			5.8	4.1	61.2	8.2		13.1	0.19		18.6	0.74	-0.113	-0.03			-0.479	96.34	62.05
DAM	60	5.4	63.7	93.1	26.6			5.3	3.8	60	7.8		12.5	0.18		17.5	0.72	-0.115	-0.04			-0.47	93.698	60.97
DAM	65	5.7	62.5	91	25.6			4.8	3.4	58.8	7.5		12	0.18		16.3	0.7	-0.117	-0.06			-0.461	91.33	59.96
DAM	70	6	61.1	88.7	24.56			4.4	3.1	57.7	7.2		11.4	0.17		15.2	0.68	-0.119	-0.07			-0.448	89.142	59.05
DAM	75	6.3	59.5	86.3	23.5			4	2.6	56.5	6.9		10.7	0.16		14	0.66	-0.122	-0.09			-0.43	86.93	58.03
DAM	80	6.6	57.8	83.5	22.2			3.4	2.2	54.9	6.6		10	0.16		12.7	0.63	-0.124	-0.11			-0.404	84.61	56.9
DAM	85	7	55.7	80.2	20.7			2.8	1.6	52.9	6.2		9	0.15		11.3	0.59	-0.127	-0.14			-0.367	82.1	55.71
DAM	90	7.5	53.3	75.9	19.2			2	0.9	50.3	5.7		7.9	0.14		9.4	0.52	-0.13	-0.17			-0.31	79.352	54.36
DAM	95	8.2	49.2	69.2	16.8			0.9	-0.2	46.4	4.7		5.7	0.12		6.36	0.37	-0.136	-0.23			-0.195	75.29	52.086
NP	1	-2	94.2	144.4	43.2			17	10.3	81.5	17.9		21.7	0.32		46.4	1.21	-0.021	0.47			-0.634	155.4	88.84
NP	2	-1.3	91.5	139	41.7			15.8	9.5	79.4	16.8		20.89	0.31		42.9	1.15	-0.033	0.4			-0.615	150.04	86.329
NP	3	-0.8	89.5	136.2	40.9			15.1	9.1	78	16.1		20.3	0.3		40.8	1.11	-0.042	0.35			-0.603	146.6	84.689

NP	4	-0.5	88.1	133.5	40.2			14.5	8.7	77.1	15.6		19.9	0.29		39.4	1.08	-0.05	0.31			-0.594	143.66	83.46
NP	5	-0.2	87	131.4	39.7			13.9	8.4	76.2	15.2		19.6	0.29		38.275	1.06	-0.056	0.28			-0.588	141.06	82.317
NP	10	0.9	82.8	124.7	37.7			12.2	7.4	73.5	14		18.5	0.27		34.3	0.99	-0.076	0.18			-0.565	132.83	78.39
NP	15	1.6	79.9	120	36.3			11.1	6.7	71.4	13.2		17.7	0.26		31.8	0.94	-0.083	0.12			-0.55	126.86	75.61
NP	20	2.1	77.6	116.3	35.2			10.2	6.2	70	12.5		17.1	0.24		29.5	0.91	-0.086	0.09			-0.538	122.23	73.53
NP	25	2.2	75.8	113.1	34.1			9.6	5.8	68.7	11.9		16.5	0.24		27.7	0.89	-0.091	0.08			-0.529	119.73	71.92
NP	30	2.5	74.2	110.3	33.1			9.3	5.4	67.5	11.2		16	0.23		26.2	0.86	-0.096	0.05			-0.52	117.99	70.95
NP	35	3	72.8	108.3	32			8.9	5.1	66.4	10.6		15.5	0.22		25.3	0.84	-0.101	0.03			-0.512	114.14	69.96
NP	40	3.5	71.6	106.6	30.8			8.2	5	65.3	10.2		15.4	0.22		24.6	0.82	-0.104	0.01			-0.503	110.41	68.59
NP	45	3.9	70.7	105	29.6			7.6	4.8	64.3	9.9		15.1	0.21		23.8	0.8	-0.108	-0.01			-0.494	107.12	67.15
NP	50	4.3	69.9	103.5	28.3			7	4.5	63.4	9.5		14.7	0.21		22.8	0.78	-0.111	-0.03			-0.485	103.98	65.83
NP	55	4.7	69	101.6	27.1			6.3	4.2	62.3	9.1		14.2	0.2		21.6	0.76	-0.114	-0.04			-0.474	101.28	64.67
NP	60	5	67.8	99.5	25.8			5.8	3.9	61.2	8.6		13.8	0.2		20.5	0.74	-0.117	-0.05			-0.462	98.64	63.5
NP	65	5.3	66.6	97.5	24.6			5.3	3.5	60.1	8.2		13.3	0.19		19.4	0.73	-0.119	-0.07			-0.447	96.22	62.42
NP	70	5.7	65.2	95.4	23.9			4.8	3.2	59.2	7.9		12.8	0.19		18.3	0.72	-0.122	-0.09			-0.429	93.64	61.37
NP	75	6	63.7	93	23.5			4.3	2.8	58.7	7.6		12.3	0.18		17.1	0.71	-0.125	-0.11			-0.407	91.32	60.25
NP	80	6.3	62.2	90.5	22.6			3.8	2.3	57.9	7.2		11.7	0.17		15.8	0.69	-0.127	-0.13			-0.384	89.05	59.08
NP	85	6.7	60.3	87.5	21.1			3.2	1.8	56.3	6.8		10.9	0.17		14.2	0.65	-0.13	-0.15			-0.375	86.39	57.76
NP	90	7.1	58.1	83.9	19.8			2.4	1.2	54.2	6.2		10	0.16		12.3	0.61	-0.133	-0.18			-0.345	83.28	56.28
NP	95	7.8	54.4	78.4	17.8			1.3	0.3	51	5.4		8.8	0.14		9.5	0.51	-0.139	-0.23			-0.263	79.28	54.15
SIM	1	0.5	90.5	132.3	44.5			13	9.2	83.1	16.013		20	0.28		38.513	1.1	-0.064	0.18			-0.65	125.03	76.821
SIM	2	1.2	87.1	127.7	43.1			11.9	8.4	81.2	14.7		19.5	0.27		36.026	1.06	-0.077	0.12			-0.628	119.68	74.435
SIM	3	1.5	85	124.84	42.2			11.1	7.9	79.9	14		19	0.26		34.4	1.04	-0.09	0.09			-0.617	116.79	72.95
SIM	4	1.9	83.4	122.55	41.6			10.6	7.5	79	13.5		18.7	0.25		33	1.02	-0.094	0.08			-0.61	114.94	71.8
SIM	5	2.3	82.2	120.5	41.2			10.2	7.3	78.2	13		18.5	0.25		32.1	1	-0.097	0.06			-0.603	113.53	70.867
SIM	10	3.3	78.2	114.3	39.6			8.8	6.3	75.7	11.5		17.5	0.23		28.7	0.95	-0.106	0.03			-0.581	108.96	68.31
SIM	15	3.905	75.8	110.8	38.4			8	5.7	74.1	10.6		16.9	0.22		26.7	0.92	-0.109	0			-0.568	105.46	66.65
SIM	20	4.4	74.1	108	37.5			7.3	5.3	72.7	9.9		16.2	0.22		25.2	0.89	-0.112	-0.01			-0.558	102.95	65.63
SIM	25	4.7	72.5	105.6	36.8			6.6	5	71.4	9.3		15.7	0.21		24	0.87	-0.114	-0.02			-0.55	100.8	64.73
SIM	30	4.9	71.1	103.5	36.1			6.1	4.6	70.4	9		15.2	0.2		23	0.86	-0.116	-0.03			-0.542	98.85	63.94
SIM	35	5.2	69.9	101.7	35.5			5.7	4.3	69.5	8.6		14.8	0.2		22	0.84	-0.118	-0.04			-0.536	97.13	63.08
SIM	40	5.4	68.8	99.9	34.9			5.4	4.1	68.5	8.4		14.3	0.2		21.1	0.82	-0.12	-0.05			-0.53	95.49	62.41
SIM	45	5.6	67.785	98.2	34.4			5	3.8	67.7	8.1		13.9	0.19		20.2	0.8	-0.121	-0.07			-0.524	93.858	61.73
SIM	50	5.8	66.8	96.8	33.8			4.7	3.5	66.8	7.9		13.5	0.19		19.3	0.79	-0.123	-0.08			-0.518	92.38	61.02
SIM	55	6	65.7	95.2	33.2			4.4	3.2	65.9	7.7		13.1	0.18		18.3	0.77	-0.125	-0.09			-0.512	91.16	60.33
SIM	60	6.2	64.7	93.6	32.5			4.1	2.9	65	7.5		12.7	0.18		17.5	0.76	-0.126	-0.1			-0.507	89.9	59.63
SIM	65	6.4	63.6	91.9	31.8			3.7	2.6	64.2	7.3		12.3	0.18		16.7	0.74	-0.127	-0.12			-0.501	88.46	58.97
SIM	70	6.6	62.5	90.2	30.9			3.4	2.3	63.3	7.1		11.8	0.17		15.7	0.73	-0.129	-0.13			-0.494	87.011	58.26
SIM	75	6.8	61.3	88.2	30			3	1.9	62.1	6.8		11.4	0.17		14.6	0.71	-0.131	-0.15			-0.487	85.4	57.44
SIM	80	7	60	86.4	28.9			2.6	1.6	60.9	6.5		10.8	0.16		13.5	0.69	-0.133	-0.16			-0.478	83.72	56.61
SIM	85	7.3	58.205	83.8	27.6			2.1	1.1	59.4	6.2		10.1	0.15		12.2	0.67	-0.135	-0.18			-0.467	81.85	55.67
SIM	90	7.7	56	80.57	25.8			1.5	0.6	57.4	5.7		9.3	0.15		10.6	0.63	-0.138	-0.21			-0.449	79.6	54.41
SIM	95	8.4	52.4	75	23			0.5	-0.3	54	4.8		8.2	0.13		8.1	0.56	-0.143	-0.26			-0.413	76.87	52.73
SIRE	1	-3.927	100.2	152.23	45.5			19.9	11.927	83.935	19.027		22.8	0.35		53.408	1.353	0.035	0.645			-0.694	162.32	93.096
SIRE	2	-2.7	97	148.65	44.3			17.754	11.108	82.116	17.9		22	0.34		49.124	1.265	0.02	0.54			-0.668	153.88	89.492
SIRE	3	-2.4	94.081	143.78	42.881			16.5	10.281	80.681	17.381		21.181	0.32		47.281	1.22	-0.01	0.47			-0.652	149.39	87.369
SIRE	4	-1.808	91.708	140.8	41.808			15.7	9.708	79.3	16.708		20.7	0.32		44.708	1.19	-0.021	0.43			-0.637	146.88	85.422
SIRE	5	-1.3	90.6	138.04	41.035			15.1	9.335	78.4	16.3		20.4	0.31		43.235	1.15	-0.039	0.383			-0.628	143.33	84.087
SIRE	10	0.4	84.77	129.57	38.77			13	8.1	75.27	14.57		19.1	0.28		37.8	1.07	-0.077	0.22			-0.602	132.7	78.557
SIRE	15	1.3	82	123.4	37.1			11.7	7.4	73	13.4		18.1	0.27		34.4	1.01	-0.084	0.13			-0.581	125.28	75.412

SIRE	20	2	79.54	119.2	35.9			10.54	6.7	71.1	12.6		17.2	0.25		31.5	0.96	-0.089	0.09			-0.565	120.56	73.208
SIRE	25	2.4	77.1	114.7	34.775			9.7	6.2	69.7	11.9		16.6	0.24		28.9	0.92	-0.095	0.07			-0.549	117.9	71.51
SIRE	30	2.9	75.2	111.4	33.7			9.3	5.7	68.31	11.2		15.9	0.23		26.9	0.89	-0.1	0.04			-0.538	113.55	70.155
SIRE	35	3.4	73.3	108.55	33			8.745	5.3	67.2	10.5		15.4	0.22		25.4	0.86	-0.105	0.02			-0.526	110.03	68.58
SIRE	40	3.8	72.1	105.7	31.8			8	5	66.1	10.1		15.1	0.22		24.4	0.84	-0.108	0			-0.516	106.05	67.03
SIRE	45	4.2	70.8	104.02	30.6			7.3	4.8	65	9.7		14.6	0.21		23.2	0.81	-0.111	-0.01			-0.505	102.62	65.564
SIRE	50	4.6	69.7	101.45	29.4			6.65	4.4	63.9	9.2		14.05	0.2		21.7	0.79	-0.113	-0.04			-0.494	99.66	64.32
SIRE	55	4.9	68.1	99.5	28			6.085	4	62.685	8.7		13.5	0.2		20.1	0.77	-0.116	-0.06			-0.484	96.55	63.008
SIRE	60	5.3	66.4	97.1	26.5			5.4	3.6	61.6	8.2		12.8	0.19		18.6	0.74	-0.119	-0.07			-0.474	93.266	61.852
SIRE	65	5.6	64.8	94.555	25			4.7	3.1	60	7.755		12.2	0.18		17.3	0.72	-0.122	-0.1			-0.462	90.722	60.6
SIRE	70	6	63.3	92	23.9			4.19	2.69	58.9	7.3		11.6	0.18		15.9	0.7	-0.125	-0.12			-0.448	87.409	59.399
SIRE	75	6.3	61.3	88.9	23.4			3.6	2.2	58.1	6.9		10.9	0.17		14.3	0.68	-0.129	-0.15			-0.425	85.08	57.972
SIRE	80	6.6	58.8	85.7	22.3			3.1	1.7	56.56	6.5		10.1	0.16		12.6	0.65	-0.133	-0.17			-0.401	82.992	56.498
SIRE	85	7	56.1	80.995	20.595			2.4	1.195	54.3	6		8.9	0.14		10.7	0.62	-0.137	-0.21			-0.378	80.188	55.059
SIRE	90	7.5	52.3	74.53	18.7			1.73	0.3	51.63	5.53		7.2	0.13		8.53	0.56	-0.142	-0.24			-0.349	77.466	53.193
SIRE	95	8.3	46.365	64.565	16.3			0.2	-1.3	47.13	4.265		4.7	0.1		5.1	0.38	-0.148	-0.3			-0.187	72.906	50.207

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