

STØTTET AF

# Mælkeafgiftsfonden

## Monthly and weekly procedures for type traits

USN, 7Feb 2022

The procedure for calculating monthly and weekly evaluation has been tested for HOL, RDC and JER. Results for HOL are shown. Genomic tested animals included in February 2022 run but not in November 2021 have been treated as candidates. MIX99 program 'predict\_GEBV' has been used to predict GEBVs and DGVs have also been calculated. A full SS run based on February 2022 data was executed, and results for candidates were evaluated. 821 HOL bull calves born in DFS were tested in the period from November to February. Correlations between GEBVs from full SS run and candidate run were 0.97 to 0.985. The problem was that means differ for some traits. Especially for stature and some udder traits means were higher in the 'candidate run'. DGVs are also calculated in the 'candidate run'. The correlations between GEBV's from the full run and DGV were 0.97-0.98, but mean DGVs were on the same level as GEBVs from the full run.

Trait	Full SS run, GEBV		Candidate run, GEBV			Candidate run DGV		
	Mean	SD	Mean	SD	Diff.	Mean	SD	Diff.
bv1	106.3	8.8	111.4	8.9	5.1	104.5	8.7	-1.7
bv2	100.2	8.9	100.6	9.1	0.3	101.7	8.8	1.4
bv3	98.4	8.8	98.1	8.8	-0.3	99.0	8.5	0.5
bv4	105.6	7.7	109.8	7.9	4.2	105.1	7.6	-0.5
bv5	100.4	7.4	101.1	7.4	0.6	100.0	6.9	-0.3
bv6	102.1	9.0	106.2	9.2	4.0	103.0	9.0	0.9
bv7	99.1	8.6	99.4	8.6	0.3	99.4	8.5	0.3
bv9	98.0	9.7	97.6	9.7	-0.4	98.0	9.4	-0.0
bv10	104.5	8.5	105.9	8.7	1.4	104.5	8.1	0.0
bv11	104.5	7.9	107.0	8.0	2.5	102.1	7.7	-2.4
bv12	104.1	8.5	105.9	8.7	1.7	102.3	8.4	-1.8
bv13	102.7	8.0	105.3	8.0	2.5	103.3	7.7	0.5
bv16	107.5	8.6	111.8	8.7	4.3	108.7	8.5	1.1
bv17	109.9	9.1	117.4	9.3	7.5	111.9	9.2	2.0
bv18	107.6	8.9	112.8	9.0	5.1	105.8	8.9	-1.8
bv19	102.3	8.9	105.8	9.0	3.4	104.9	8.7	2.6
bv20	110.3	9.1	114.3	9.2	4.0	109.0	8.9	-1.2
bv21	99.7	8.2	99.6	8.2	-0.1	98.9	8.1	-0.7
bv22	98.0	8.8	98.1	8.8	0.1	97.6	8.5	-0.3
bv23	103.3	8.2	105.7	8.3	2.3	103.6	8.1	0.3
bv24	102.7	8.1	105.0	8.3	2.2	103.9	8.1	1.1
bv25	103.9	9.3	104.3	9.3	0.4	104.2	9.1	0.2