This GMACE run includes GEBV data from the following countries:
CAN DEU FRA GBR ITA NLD BEL

Changes in national procedures

Changes in the national genetic/genomic evaluation of longevity traits are as follows:

CHR     The breeding association for Holstein (mainly red&white) and Simmental revised their breed
code assignment for Holstein X Simmental crossbreds.
        This caused a decrease in number of herds/daughters/EDC for some bulls.
GBR     Base change
DEU     There is no longer a distinguish nationally between 1st and 2nd crop of daughters (as
consequences of genomically proven bulls), thus type of proof is either
11 (German bull) or 21 (foreign bull), there are quite a number of bulls mentioned as
"missing", however most of these appear now with another (correct) ID,
these are mostly danish bulls. Pedigree updates.

INTERBULL CHANGES COMPARED TO THE MARCH ROUTINE RUN

No changes in Interbull procedures

SCIENTIFIC LITERATURE

The GMACE procedure is based on the following scientific publications:

GMACE implementation:
Sullivan, P.G. and VanRaden, P.M. 2010. Interbull Bulletin 41:3-7

International genetic evaluation computation:

Verification and Genetic trend validation:
Boichard et al., 1995. J. Dairy Sci. 78:431-437

Weighting factors:

De-regression:

Genetic parameter estimation:
Klei and Weigel, 1998, Interbull Bulletin 17:8-14

Post-processing of estimated genetic correlations:
Mark et al., 2003, Interbull Bulletin 30:126-135

Time edits

International reliability estimation
Harris and Johnson. 1998. Interbull Bulletin 17:31-36
NEXT ROUTINE INTERNATIONAL EVALUATION
-------------------------------------------------------------------------------------------------
According to time schedule in http://www.interbull.org/ib/servicecalendar

NEXT TEST INTERNATIONAL EVALUATION
-------------------------------------------------------------------------------------------------
According to the time schedule on http://www.interbull.org/ib/servicecalendar

PUBLICATION OF INTERBULL GMACE RUN
-------------------------------------------------------------------------------------------------
Rules regarding publication of test evaluations should be observed.

Table 1. National evaluation dates in GMACE run August 2014
------------------------------------------------------------------
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<thead>
<tr>
<th>Country</th>
<th>Date</th>
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<tr>
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<td>CAN</td>
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Table 2.
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<table>
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<th>Number of bulls in reference population for dlo</th>
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<td>ITA 484.0 21610.0 943.0 999.0 21267.0 21822.0</td>
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<tr>
<td>NLD 663.0 1290.0 24546.0 21468.0 1132.0 1012.0 25683.0</td>
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