

Genetic correlations between longevity and other traits in Slovenian populations of dairy cattle

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Introduction

- Longevity is an important trait in cattle breeding
- The objective of this study was to estimate genetic correlations between the length of productive life (LPL) and other traits included in total merit index for Slovenian populations of Brown Swiss (BSW), Simmental (SIM) and Holstein (HOL)

Conclusions

- High positive genetic correlation were estimated with LPL for Somatic cell count, Hock development and Udder depth and negative for teat thickness and with rear leg set
- Estimated correlations for the same traits differed between breeds which could be attributed to different pressure on milk selection

Material and Method

- National Breeding value evaluation results for October 2010
- Comparison of sire breeding values

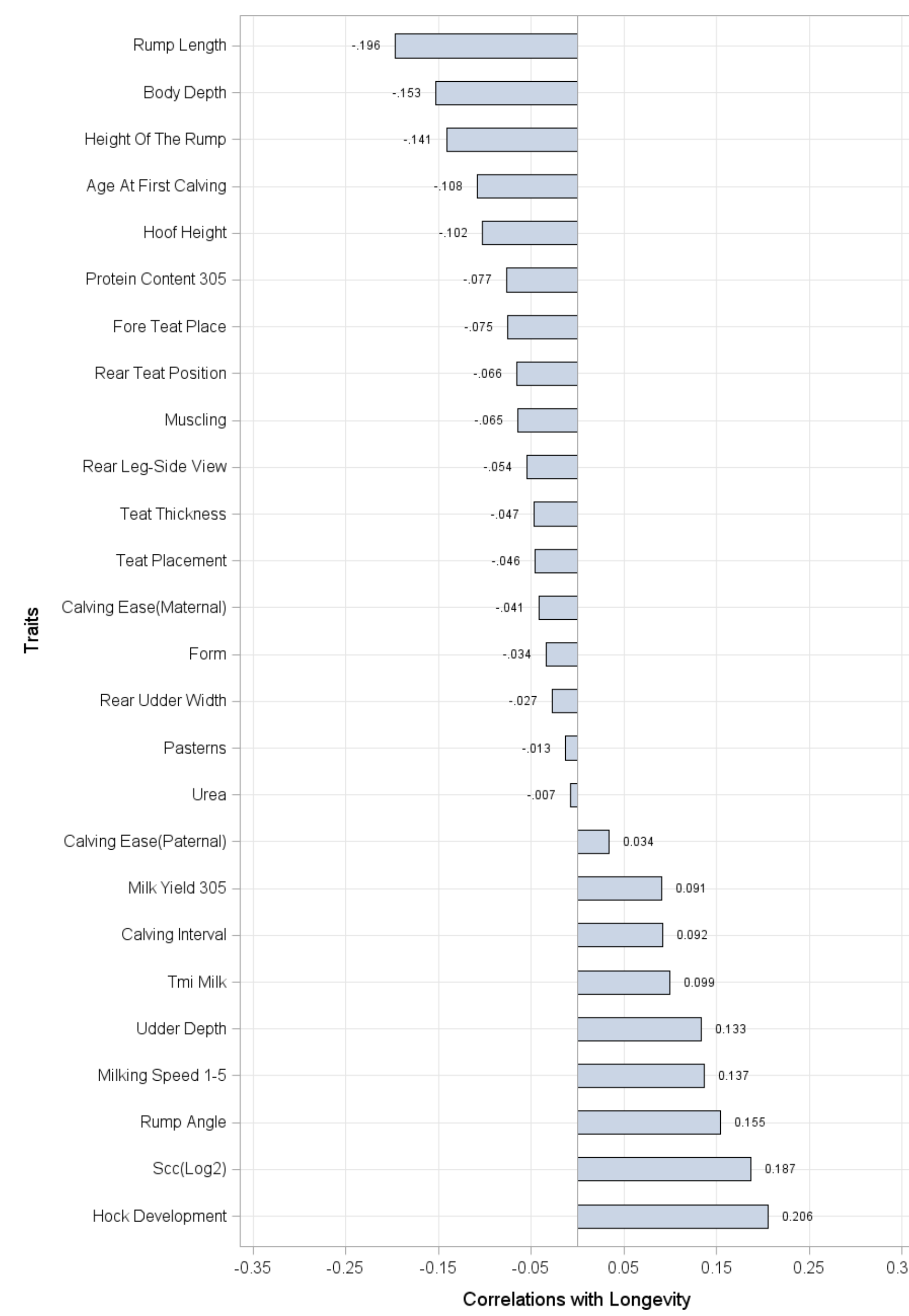


Results

Holstein



Brown Swiss



Simmental

