

Need for temperament registrations from VikingGenetics perspective

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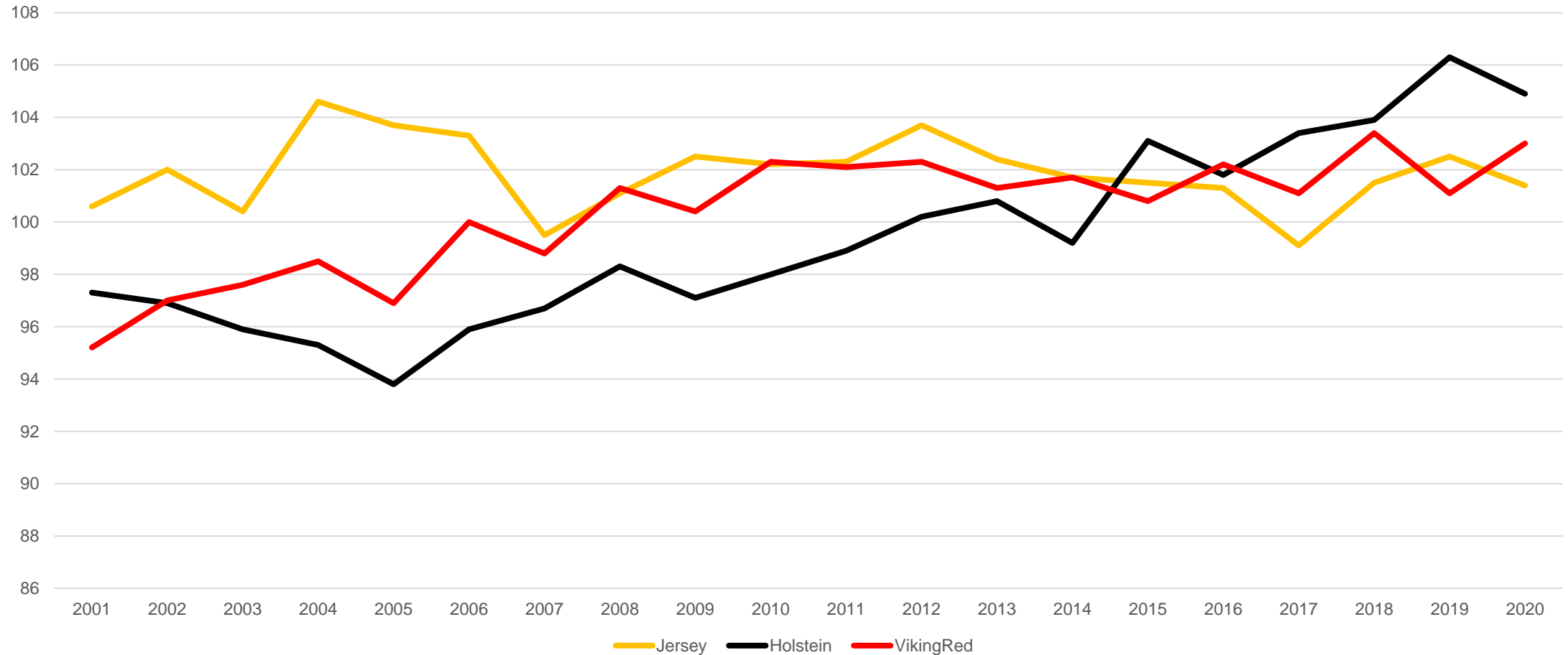
Temperament is hot in VR

- More farmers and advisors talk about temperament – VR
 - More cows kick and are difficult to handle
 - The difference between Holstein and VR is reduced
- More focus on temperament – also from international sale
 - Buying semen – Minimum selection
 - Matting plans
- What is temperament?
 - Milking temperament
- Handling temperament
- Other factors
 - Bigger herds
 - New production setup – calves going with cows

How does that affect VikingGenetics?

- Need to have more focus on temperament
 - Larger part of the bulls must be positive in temperament
 - Hard to be a bull with low temperament
- What is important when the bulls become proven?
 - The bulls do not change a lot in indexes
 - The bulls do not re-range a lot
- Need genetic progress for temperament
 - Have an economy value
 - Reduce the amount of minimum selection
- Low weight in NTM – makes it difficult

Genetic trend for temperament



Is temperament a low reliability trait?

- Reliability
 - Genomic bulls: Around 52-59%
 - Holstein 10%-units higher
 - Proven sires: 55-98%
 - VR Froerup born 2015: 55% - 94 daughters in confirmation
 - VR Bosse born 2016: 81% - 121 daughters in confirmation
 - VR Herbert born 2016: 97% - 1053 daughters in confirmation
- Low amount of data especially from Denmark
 - When will it decrease in the other countries?

Wish from VikingGenetics

- Investigate the possibility for two temperaments
 - Or two subindexes
- Increase reliability
 - More registrations
 - New data sources
 - Less difference in data amount from the three countries



Thank you!