

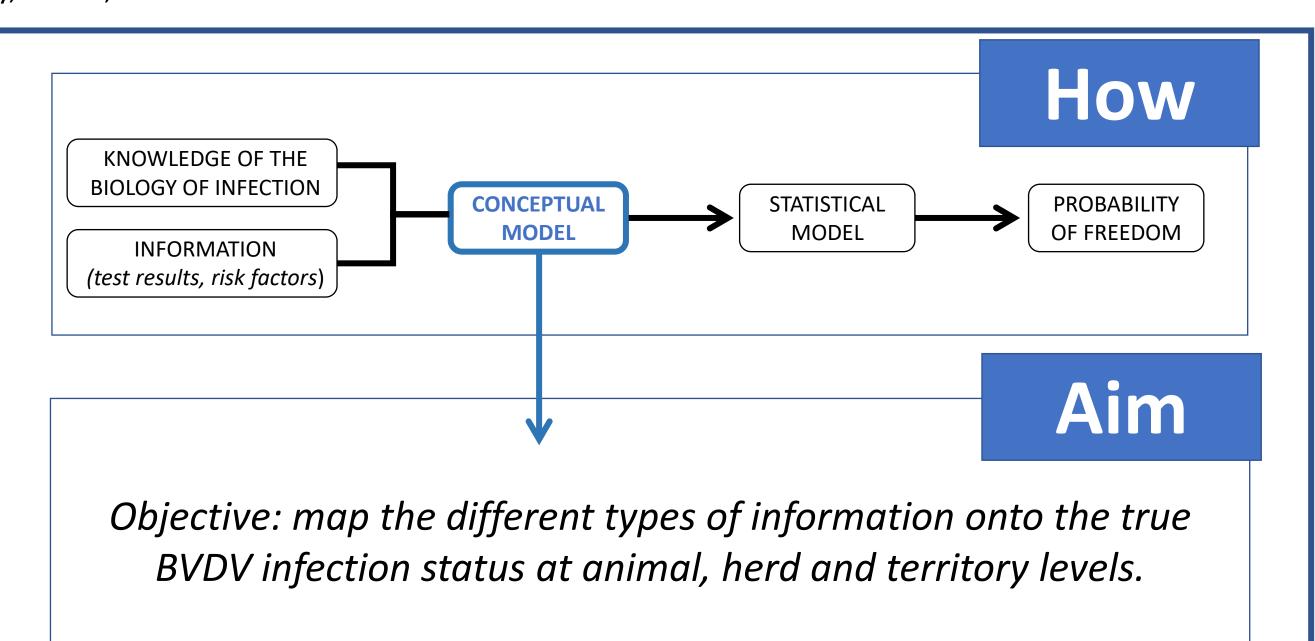
Using heterogeneous information for the estimation of the probability of freedom from infection with BVD virus: A conceptual model mapping information onto infection biology

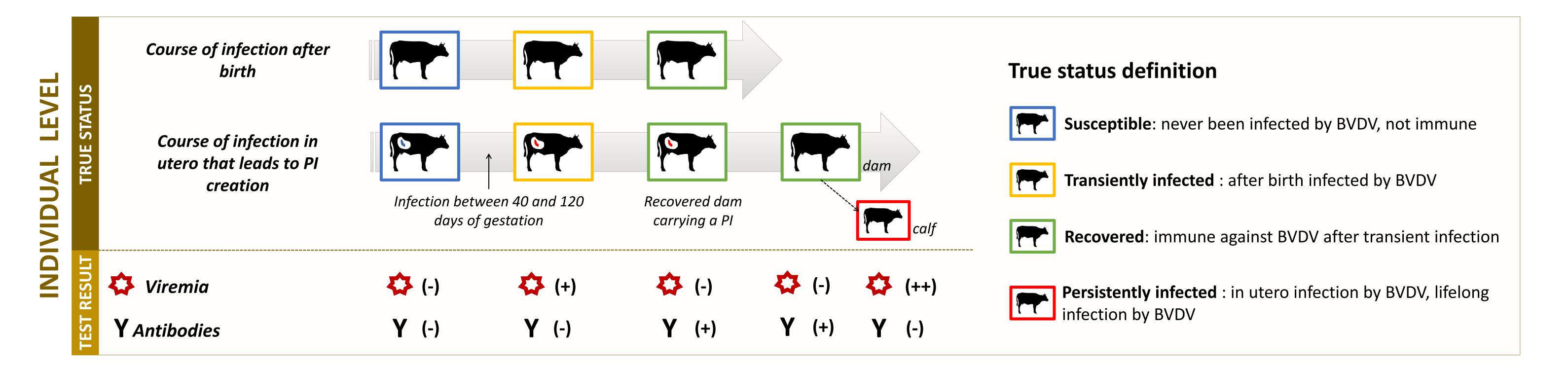
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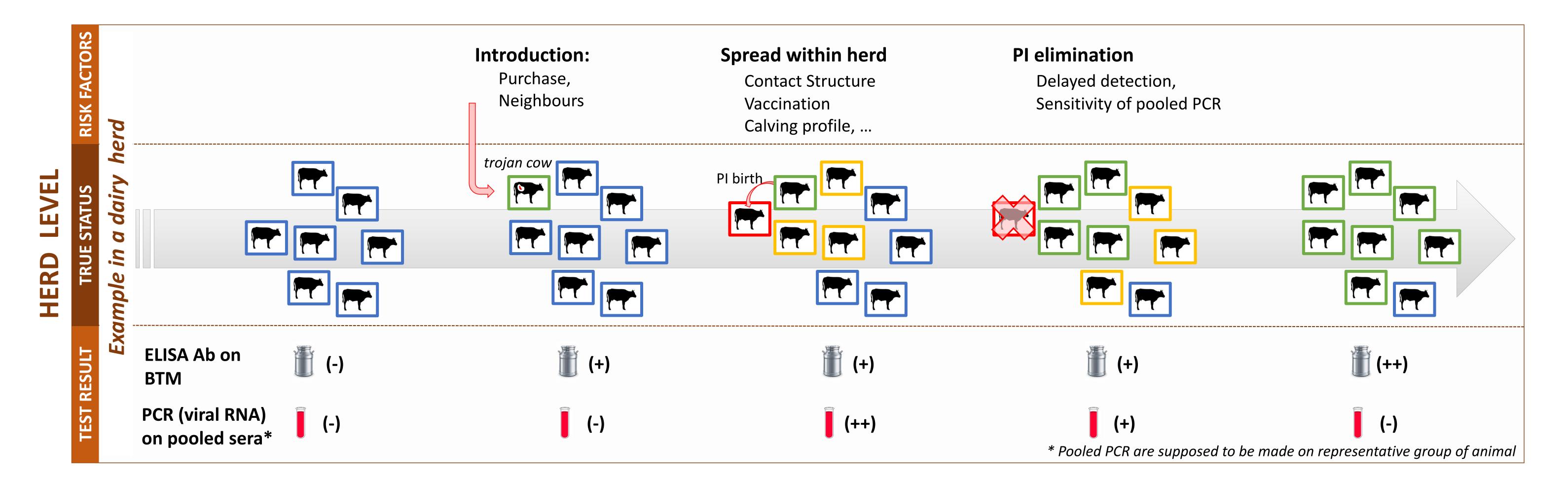
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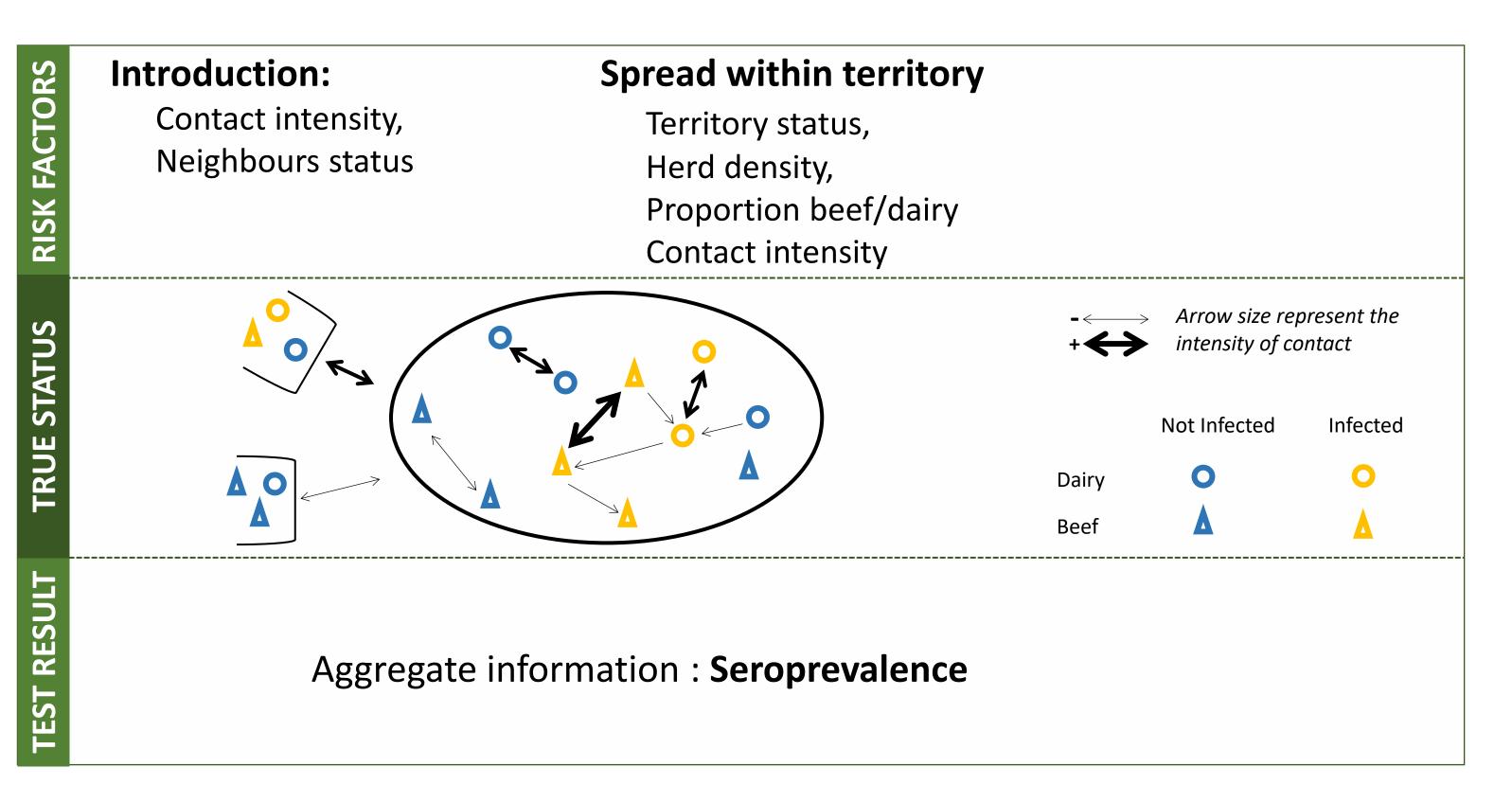
Why

- In Europe: different regional/national programmes for the control or eradication of Bovine
 Viral Diarrhoea virus infections
- These programmes rely on information that is heterogeneous in order to determine whether animals or herds are infected and likely to spread the disease to other herds.
 - Heterogeneity in the nature of: diagnostic tests used or relevant risk factors
 - Heterogeneity in level assessed: animal, pool, herd or territory
- This heterogeneity makes it hard to estimate the probability of freedom from infection for cattle imported from regions/countries with a different control programme
- STOC free project: design of a framework for the estimation of a probability of freedom from infection and its associated uncertainty from heterogeneous information









Conclusion

This conceptual model will serve as a basis for the development of the STOC free model.

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TERRITORY













