

Location, Age, and Antibodies Predict Avian Influenza Virus Shedding in Ring-billed and Franklin's Gulls in Minnesota

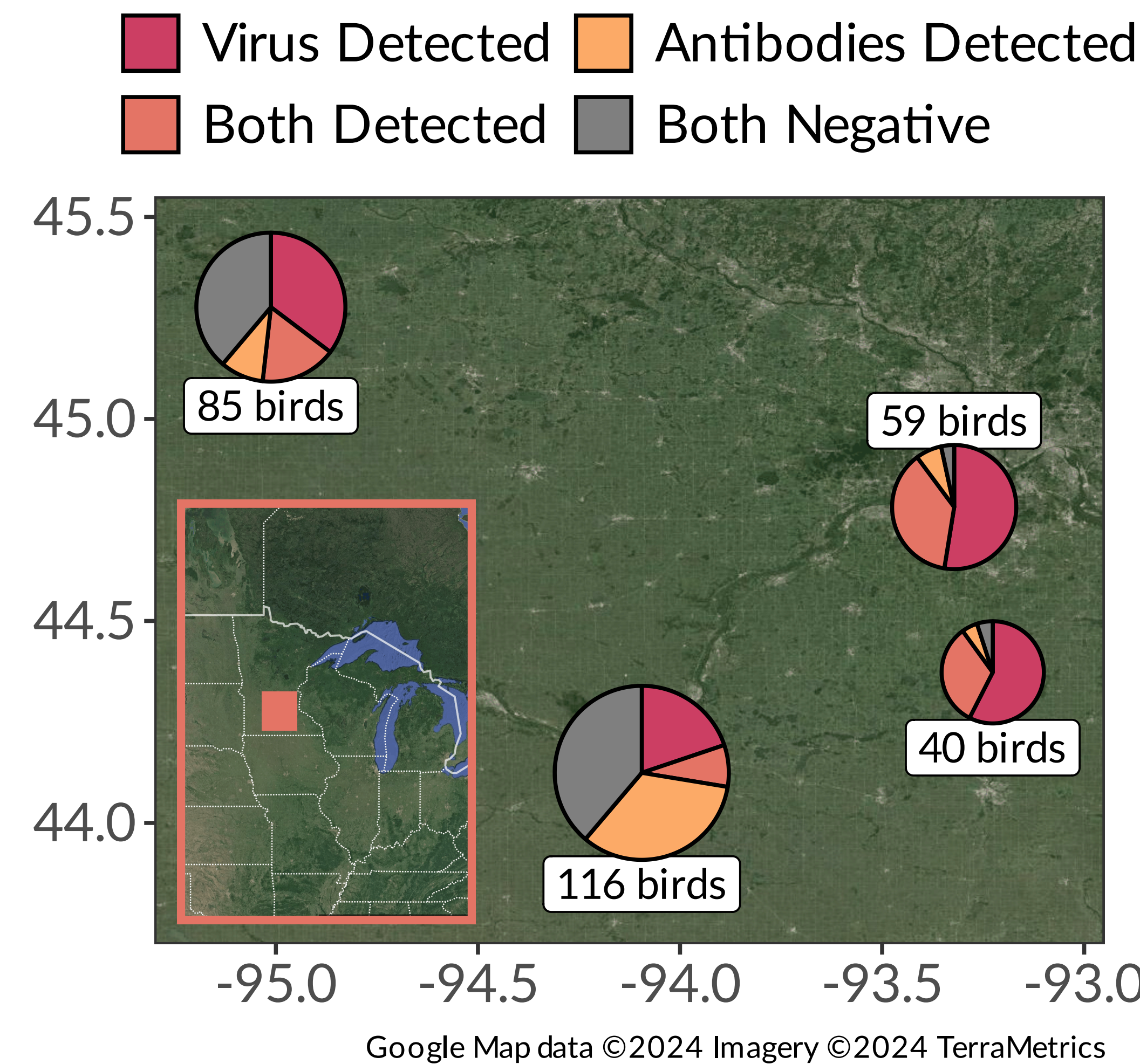
Matthew Michalska-Smith (Michalska-Smith@pm.me) ^{[1][2]} Eva Clements ^[3] Elizabeth A Rasmussen ^[3] Marie R Culhane ^[3] Meggan E Craft ^[1]

Franklin's Gull

Ring-billed Gull

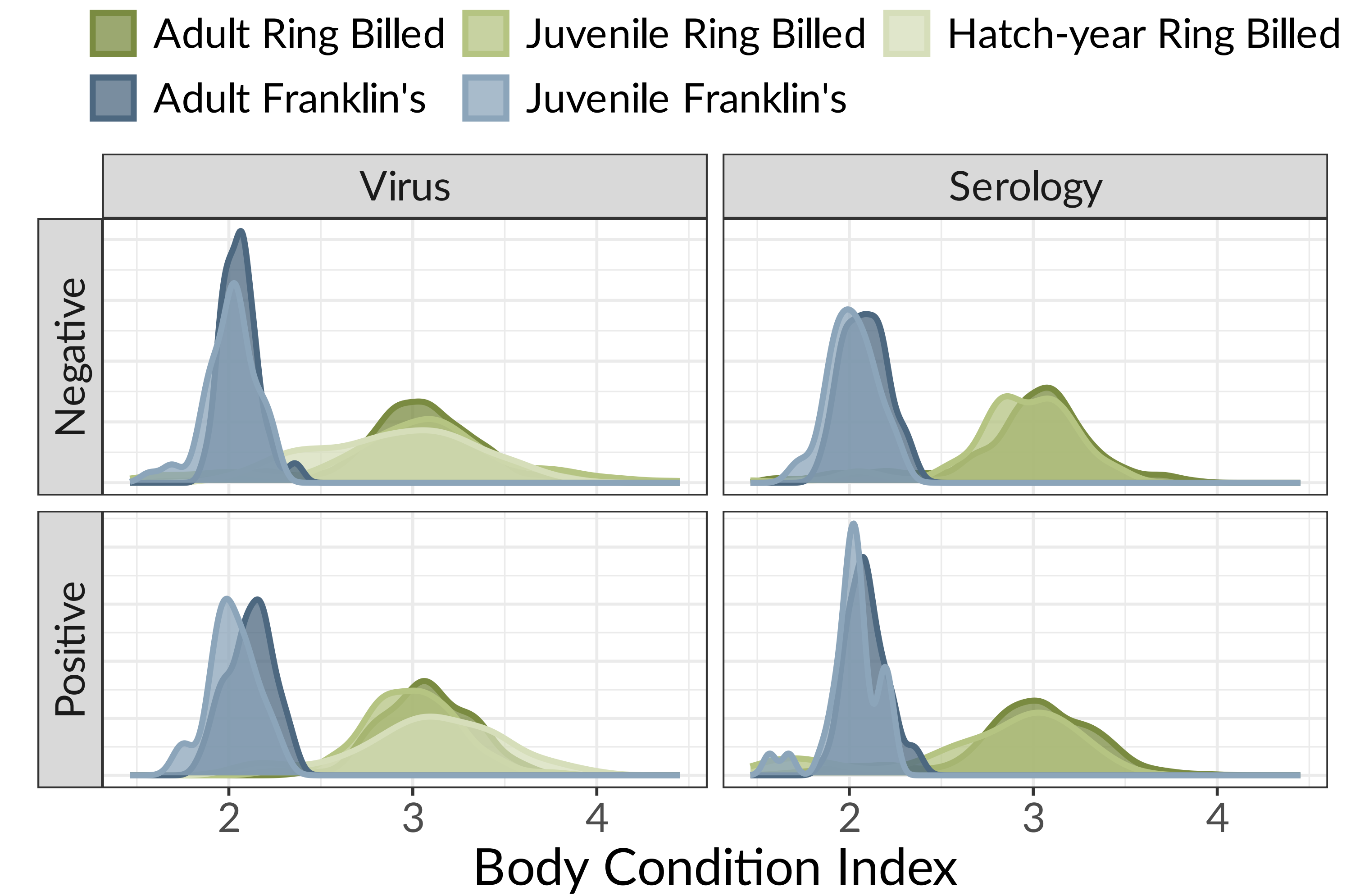
Same spacetime subset

Only locations, dates with at least 5 captures of each species

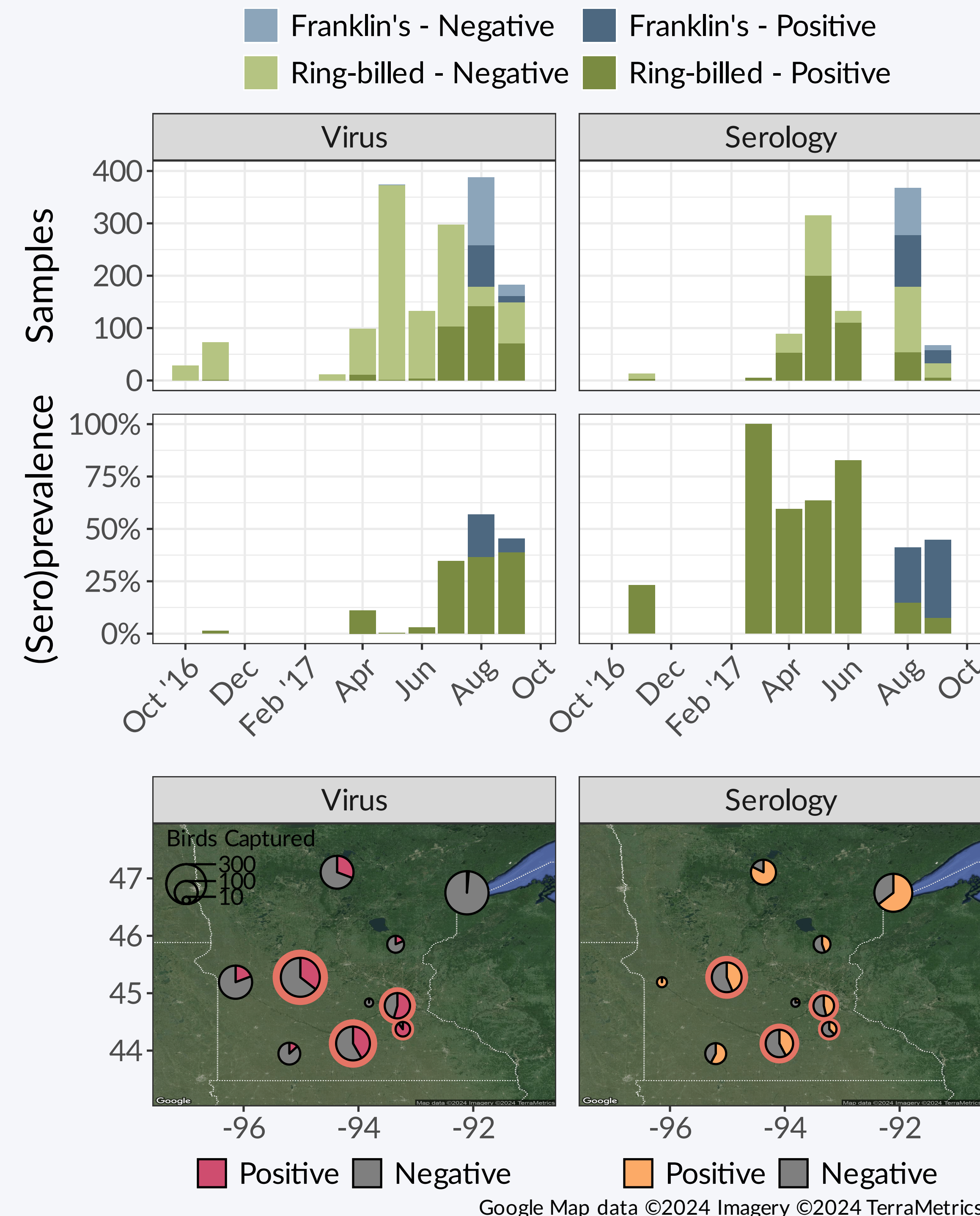


Body condition index

Weak relationship to disease; significant variation by age, species

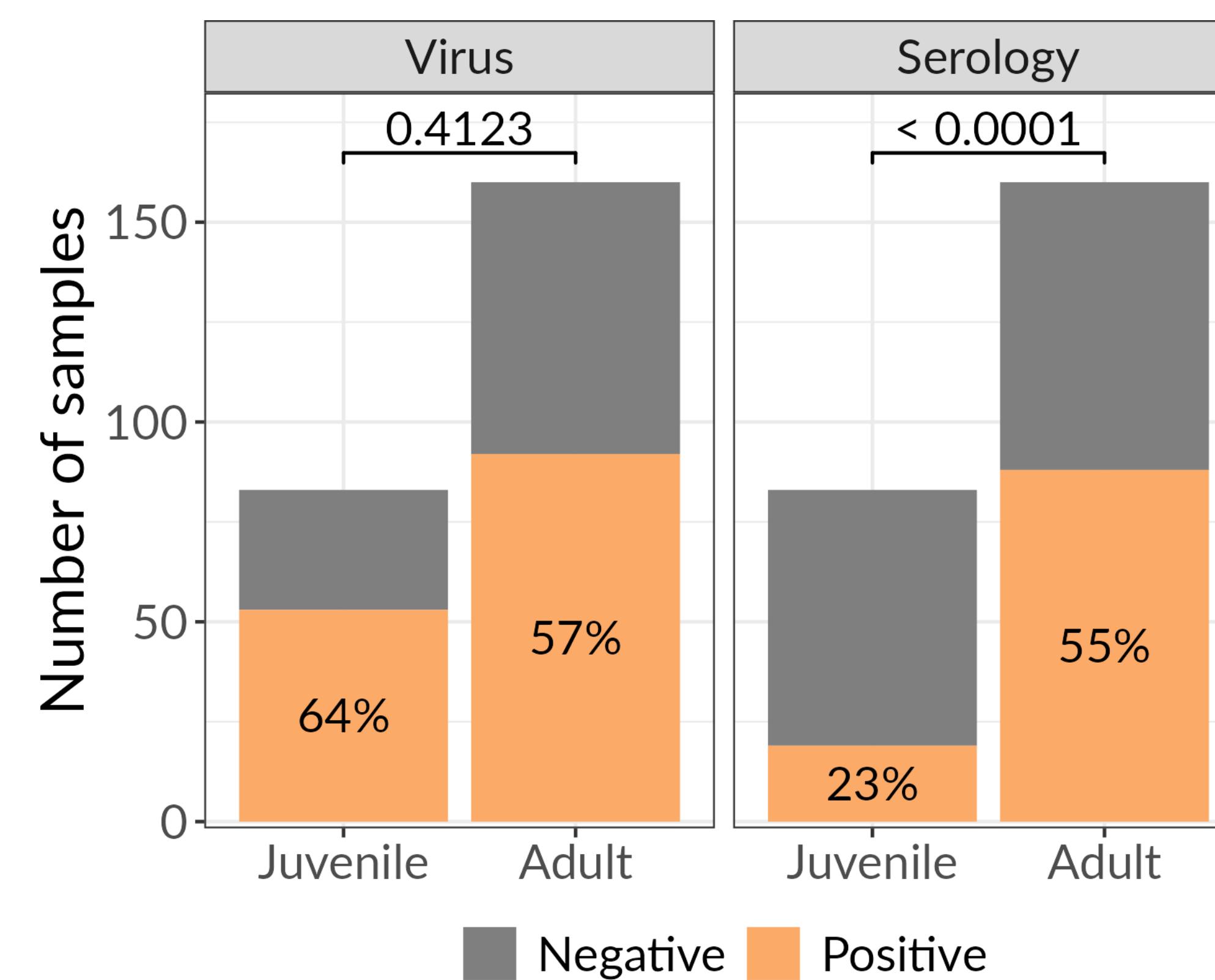


Sampling



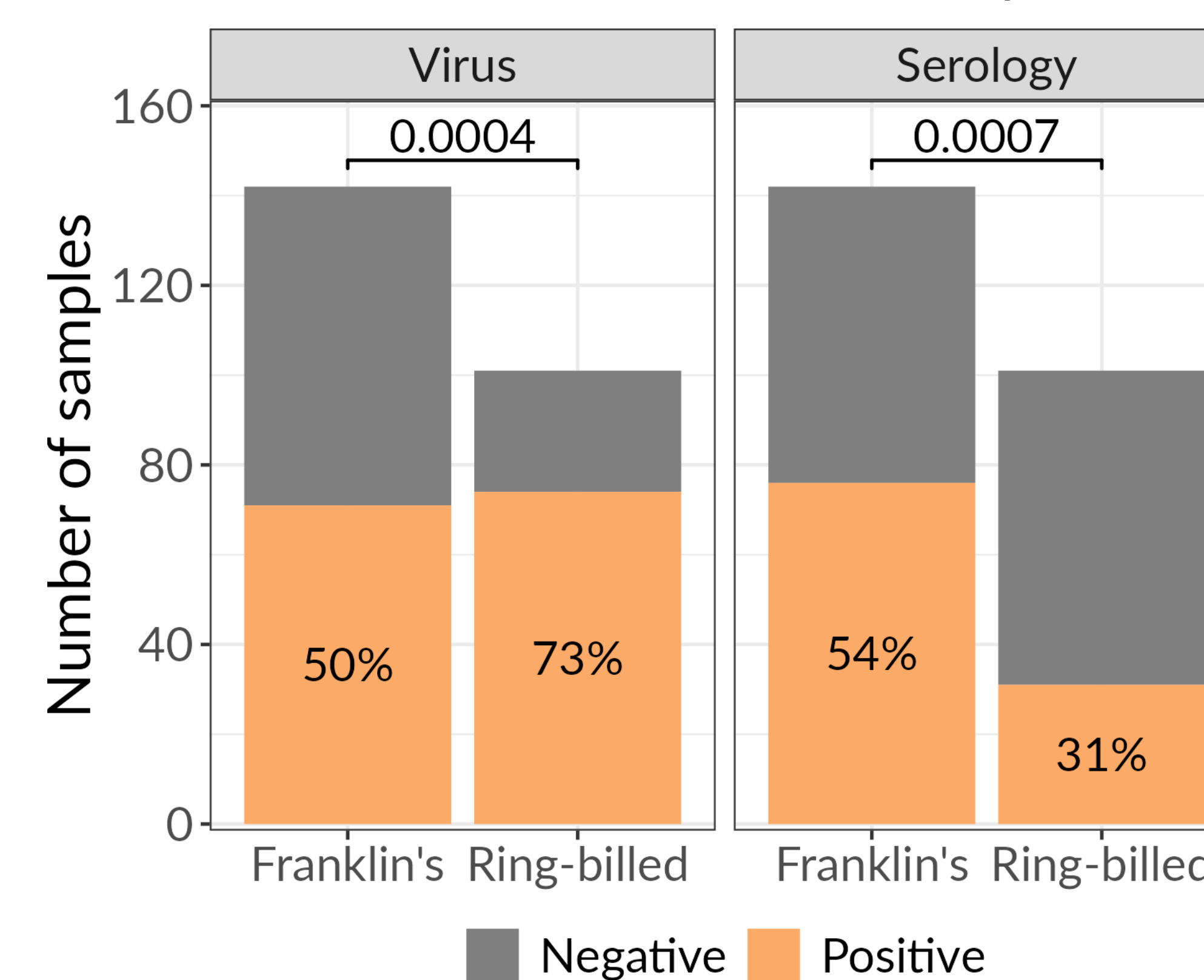
Age

Younger gulls less likely sero(+)



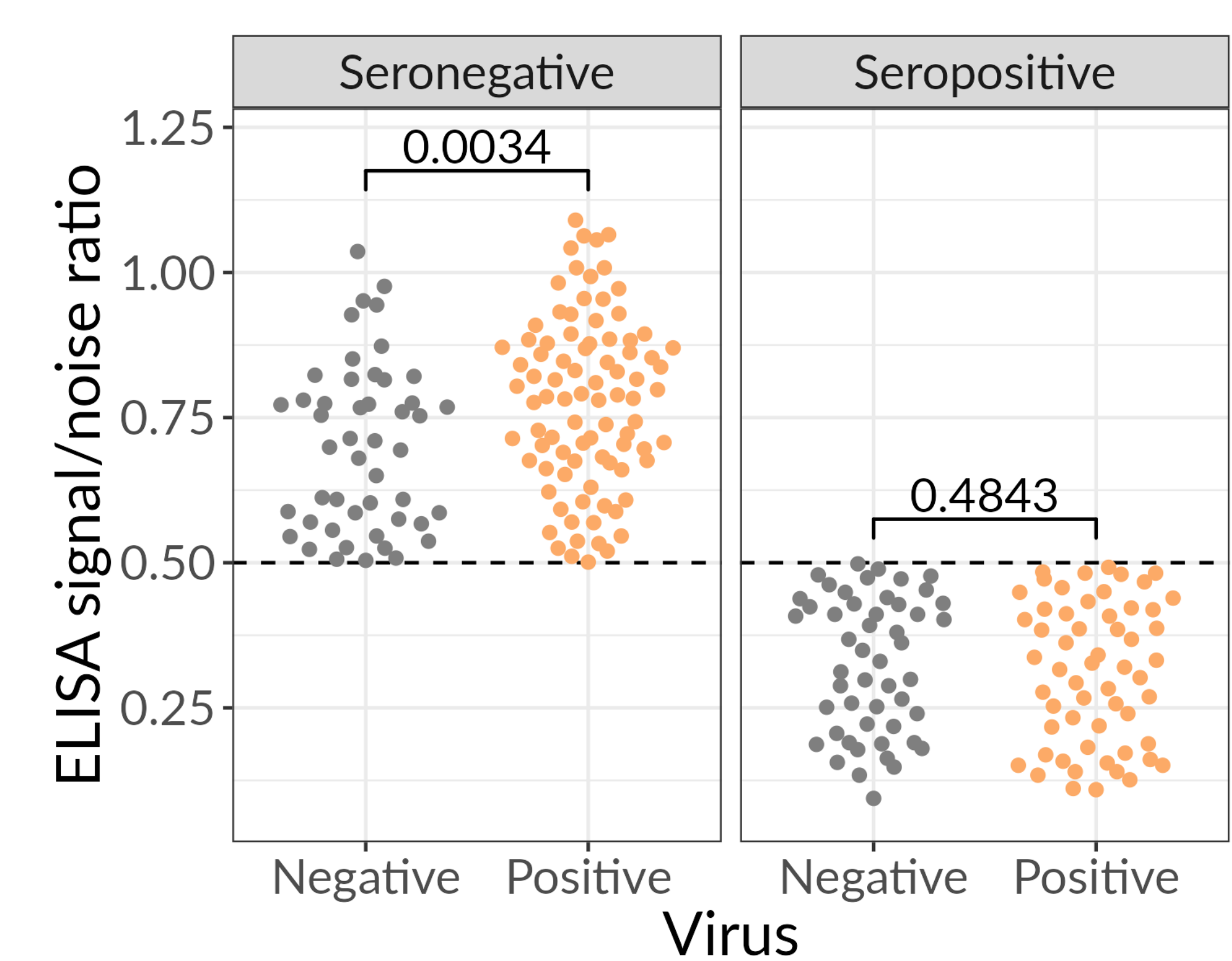
Species

Ring-billed gulls more likely virus(+), less likely sero(+)



Dual-positivity

Lower antibody levels more likely virus(+)



Want to learn more? visit [Michalska-Smith.com](https://michalska-smith.com)

Affiliations

- Department of Ecology, Evolution and Behavior, UMN.
- Department of Plant Pathology, UMN.
- Department of Veterinary Population Medicine, UMN.

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