

Poster for SVEPM2024. Need HELP!

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Guyyyys, I need to make our poster for the SVEPM conference in Uppsala and I am late (and stuck). I need to know what you want to see on it.

2:02 PM »



Sophie

Sure, no prob! Can you remind me which part of my PhD we are supposed to present?

2:05 PM

Tim

Monitoring highly pathogenic avian influenza viruses in vaccinated duck flocks

2:12 PM »



Sophie

OK. Our objective was to compare the sensitivity, specificity and earliness of detection of HPAI viruses for different surveillance approaches in vaccinated duck flocks. We used the mechanistic model of HPAI within-flock transmission that you guys developed based on mortality data.

2:25 PM

Tim

Nice! And which results do you want to highlight?

2:32 PM »



Sophie

Since vaccination is likely to reduce the effectiveness of mortality-based surveillance approaches, we investigated the effectiveness of random sampling and testing of live or dead ducks at various time intervals.

2:38 PM



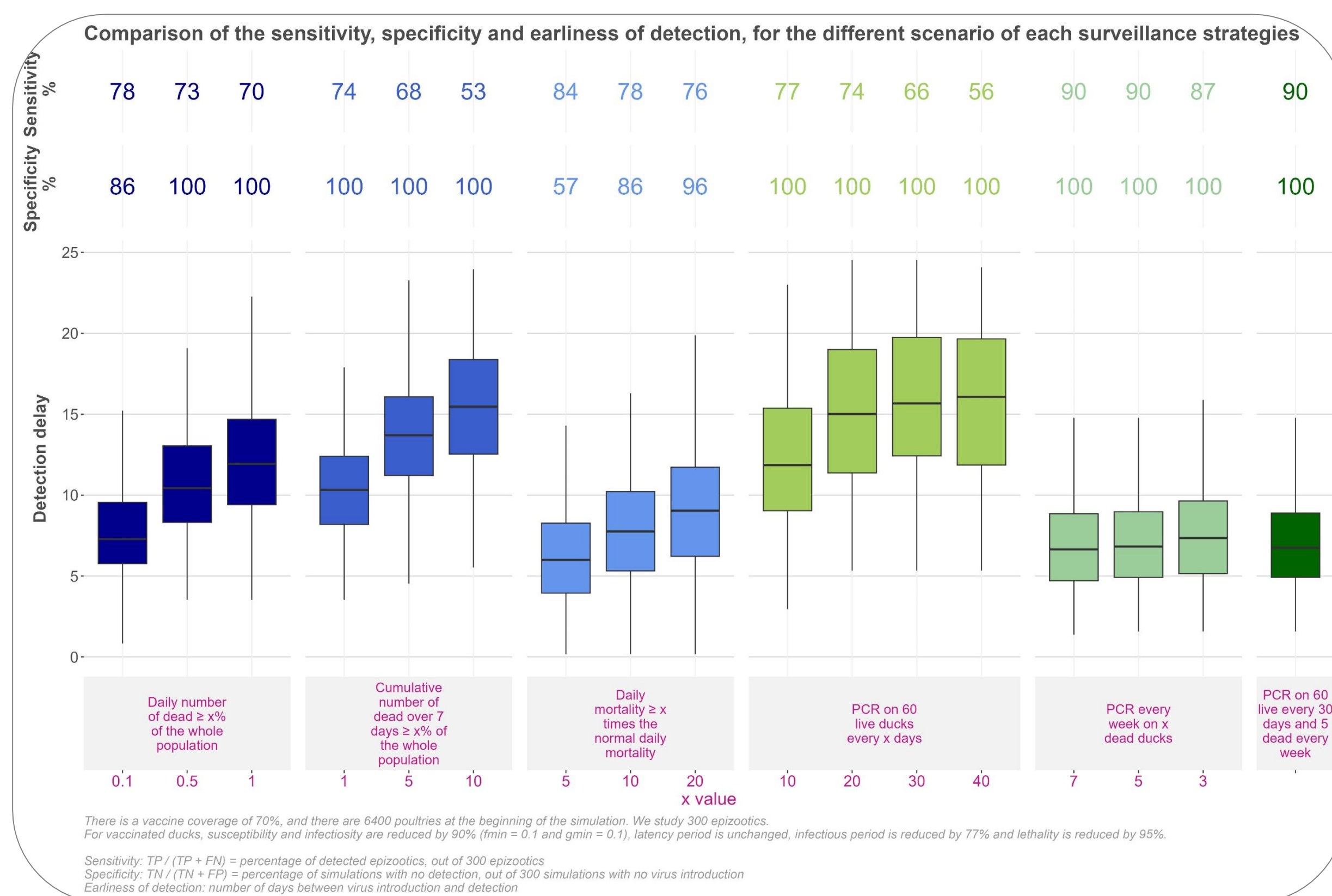
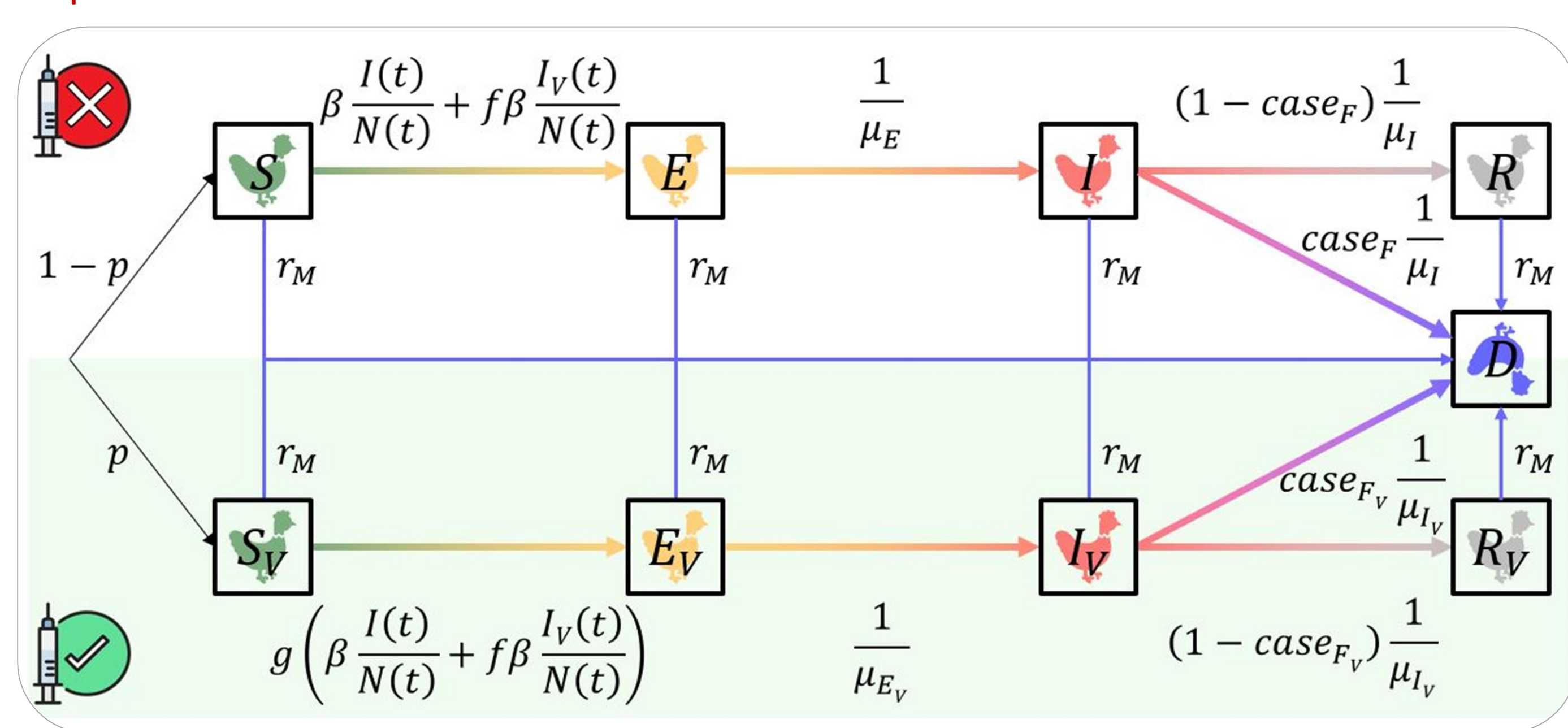
Sophie

These two figures summarise the model structure and all results, but you will probably have to stand by the poster to explain them orally! 😊

2:39 PM



Sophie



2:39 PM



Sophie

As expected, mortality-based surveillance is not so effective in vaccinated flocks and there is a risk of false alarms, even with imperfect vaccination coverage. Sampling and testing live ducks (even every 10 days) is not so sensitive nor so timely. Sampling and testing dead ducks on a weekly basis seems the best option (even only three ducks!).

2:45 PM

Tim

Awesome, anything else?

2:48 PM »



Seb

Yes, include these pictures of ducks and vaccination (with our minister!), as well as the ENVT and INRAE logos

2:50 PM



Seb



2:59 PM

Brilliant. Thank you sooo much! Drinks tonight are on me! 🍷🍷

