



Vaccination and Surveillance for High Pathogenicity Avian Influenza in poultry:

Current Situation and Perspectives

Meeting Objectives and Expected Outcomes

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International Alliance for
Biological Standardization

Building on the previous IABS meeting on HPAI Vaccination

Paris, France

October 25 - 26, 2022

Conclusions

- Poultry vaccination increases resistance to infection, reduces virus spread and decreases the need for stamping out on farms.
- Trade barriers can be addressed through effective surveillance in vaccinated populations and the availability of suitable vaccines.

Recommendations

- Conduct vaccine trials on farms to develop appropriate surveillance systems for vaccinated poultry.
- Create templates for risk assessments of HPAI spread in both vaccinated and unvaccinated flocks.



*Poultry vaccination against High Pathogenicity
Avian Influenza creates new challenges in
surveillance and trade*

Overall objective of the meeting:

How to implement surveillance in vaccinated populations to ensure safe and fair trade?





*Surveillance should ensure **safe** trade to minimize virus spread by poultry and poultry products to importing countries*





*Surveillance should ensure
fair trade to prevent
unjustified barriers for poultry
and poultry products to
exporting countries*



Surveillance of highly pathogenic avian influenza in a vaccinated poultry population according to ChatGPT



World Organisation
for Animal Health



International Alliance for
Biological Standardization

Paris, France

Vaccination and Surveillance for HPAI in Poultry: Current Situation and Perspectives

1. Introduction, including objectives and expected outcomes
2. Tools for monitoring and surveillance in vaccinated poultry populations
3. Field experiences on surveillance in vaccinated populations
4. Surveillance and Trade: Risk assessment
5. Surveillance and Trade: Risk Management
6. Conclusions and Recommendations

Each session includes

- Presentations*
- Panel discussion with the audience*
- Online questions can be asked in chat, in the room by the microphone*
- Conclusions and Recommendations for final session*



Expected outcomes of the meeting:

Conclusions and recommendations: how to implement surveillance in vaccinated populations enabling safe and fair trade

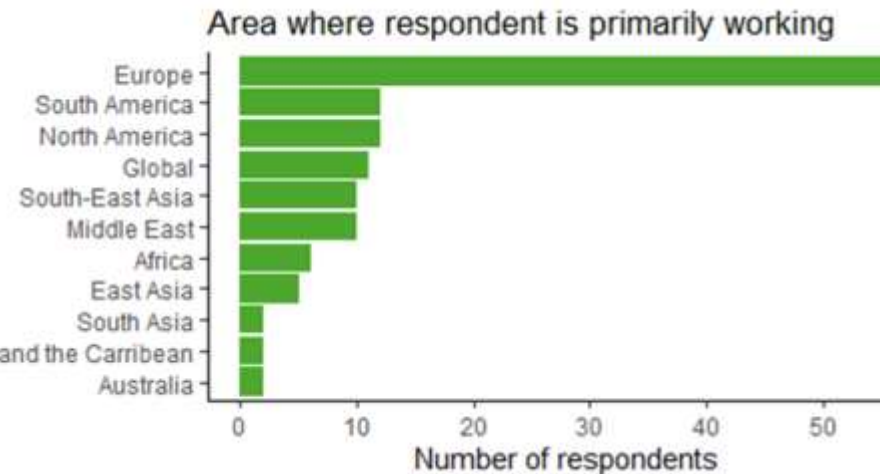
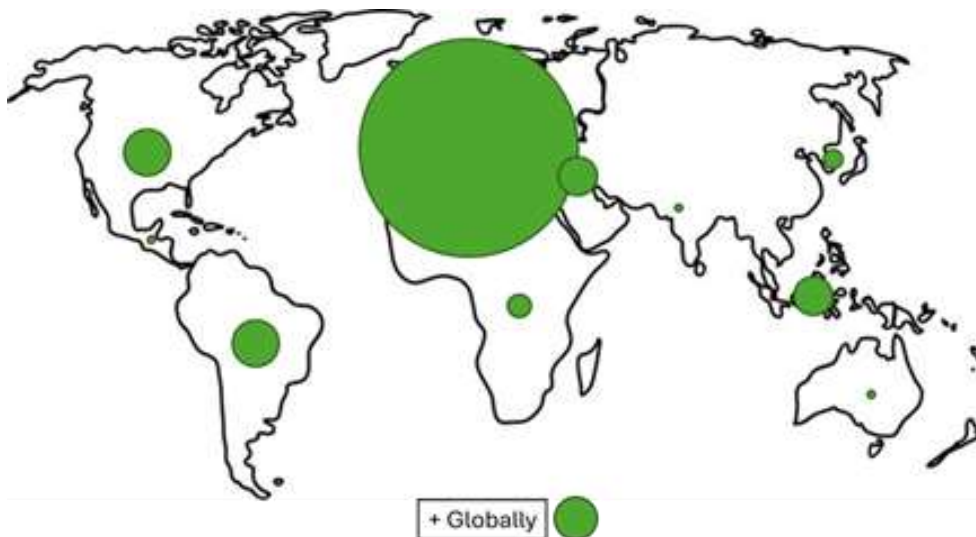
*Your
expectations of
the
meeting*

Survey by Ben
Huntington and
Anne Meyer



Survey respondents: area

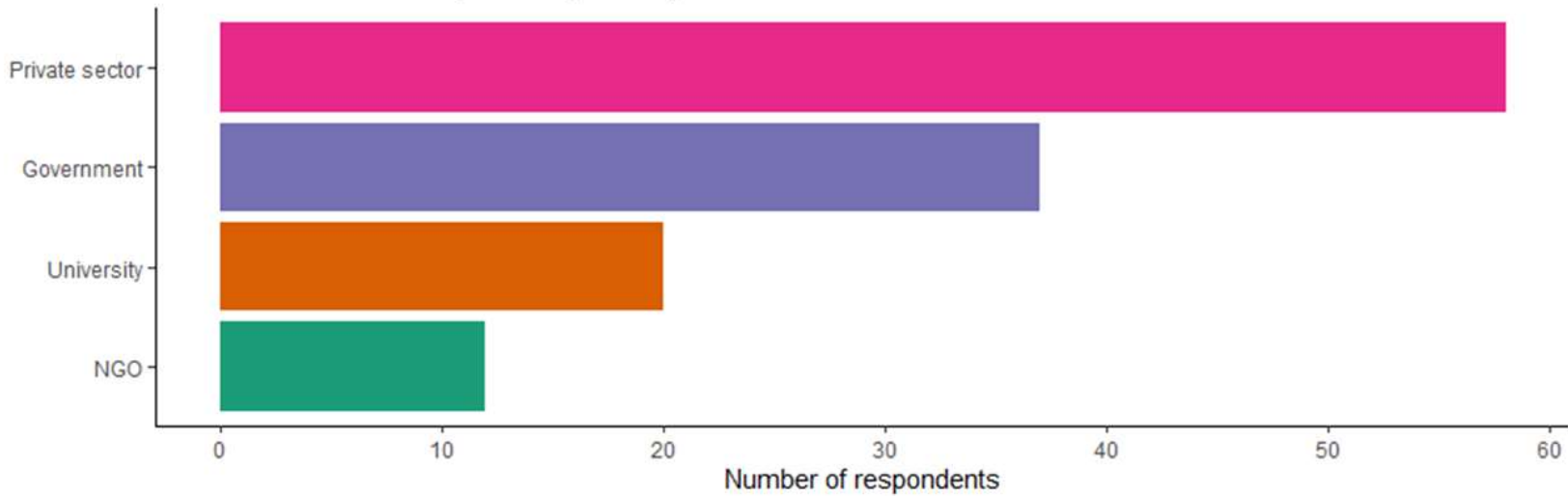
128 usable responses out of 244 participants having received the survey (52%)





Survey respondents: sector

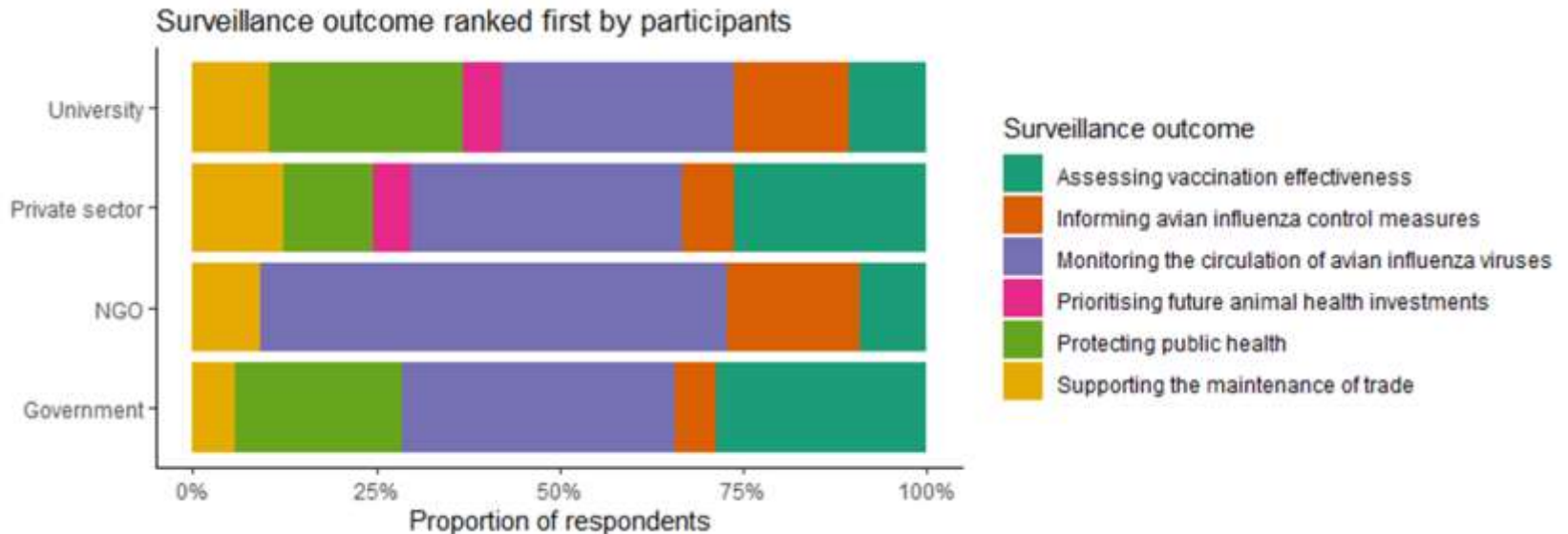
Sector to which the respondent primarily identifies





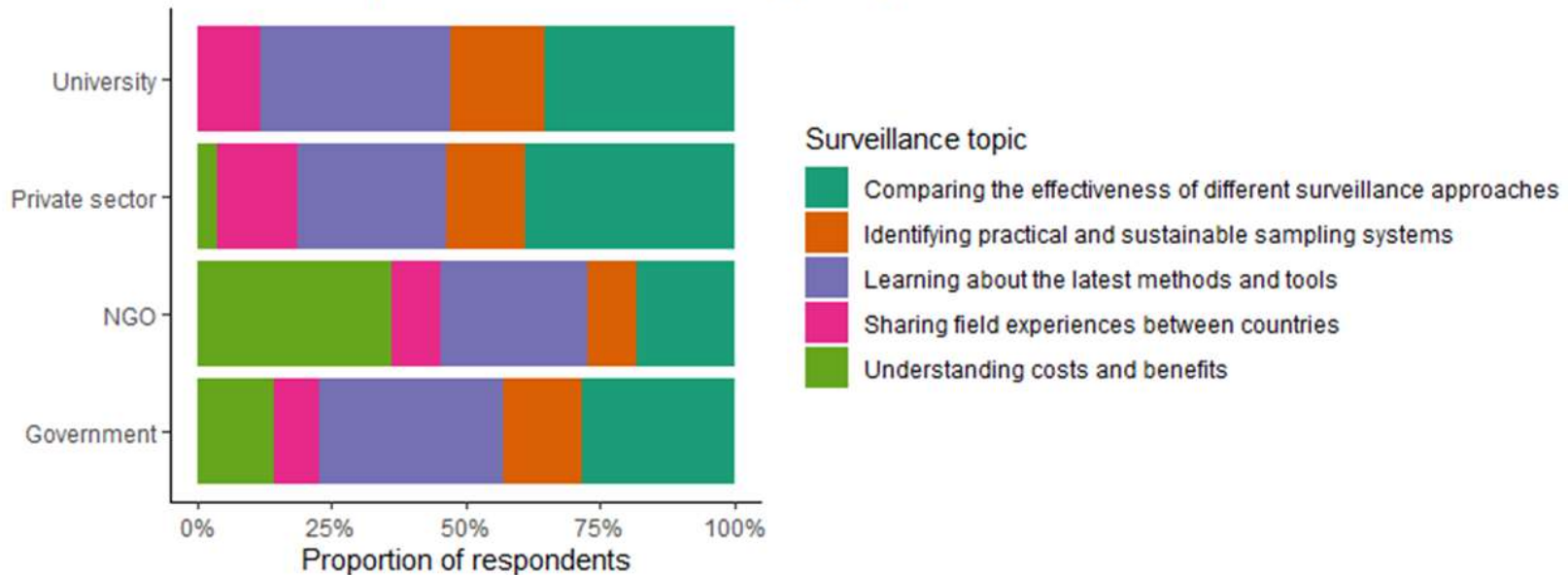
What do you consider the most important outcome(s) of surveillance in vaccinated populations?

122 responses



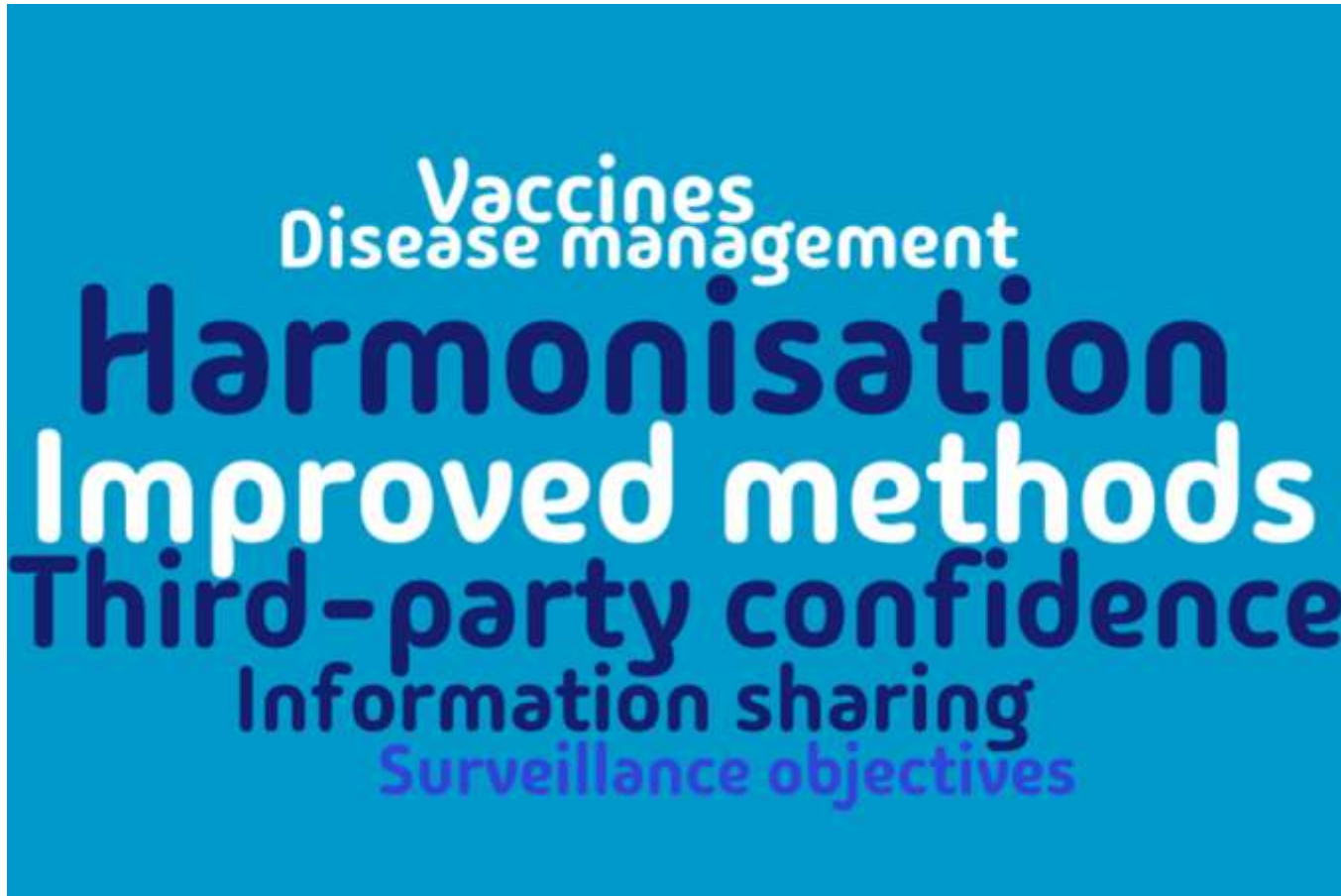
What topics related to surveillance in vaccinated populations are you most interested in?

Surveillance topic of interest ranked first by participants

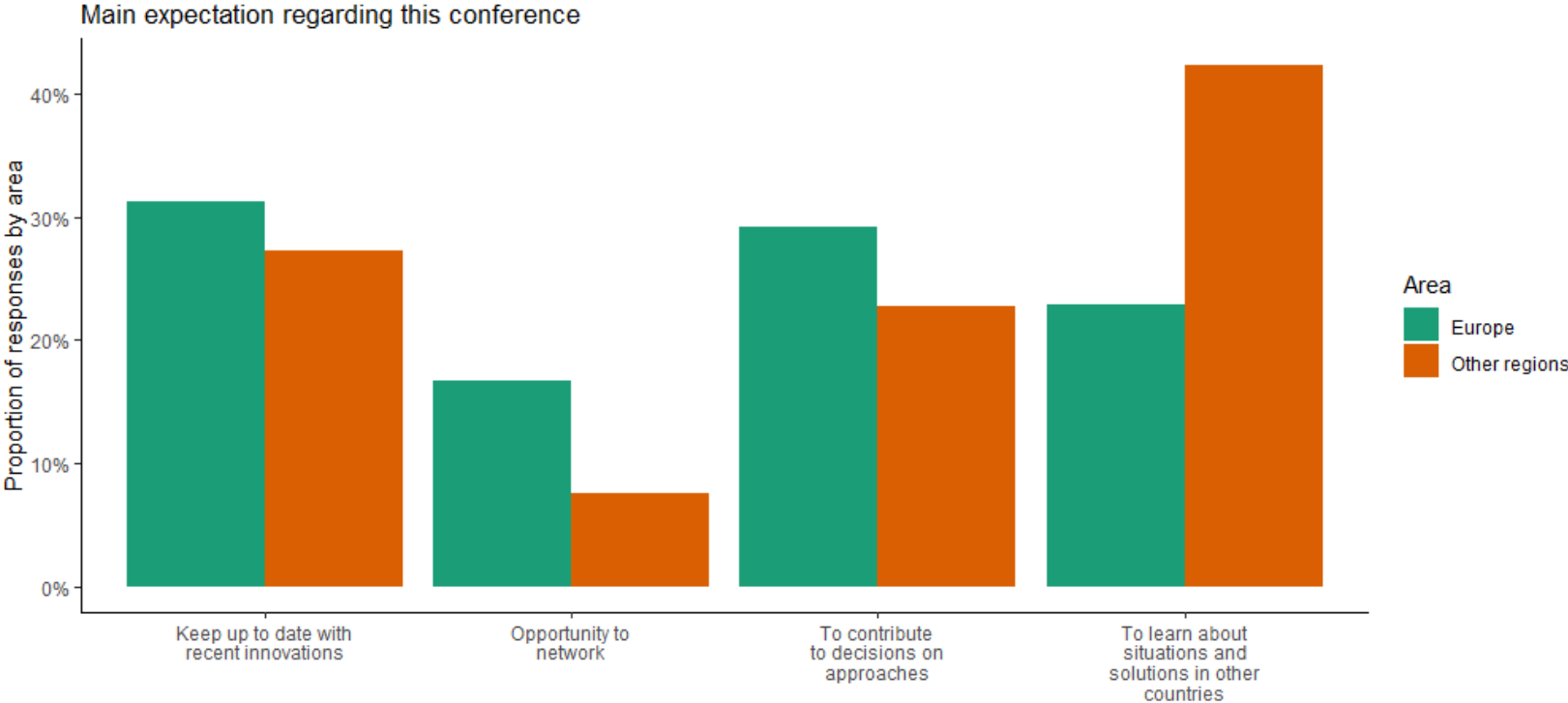




In terms of surveillance, what change would you most like to see in the future?



Responses by geographical area: main expectation for this conference



Are there any topics that must be discussed at this meeting?

How do we overcome trade barriers related to vaccination?

Which surveillance strategies are most suitable in vaccinated populations?

What can we learn from recent in-country experiences related to vaccination?

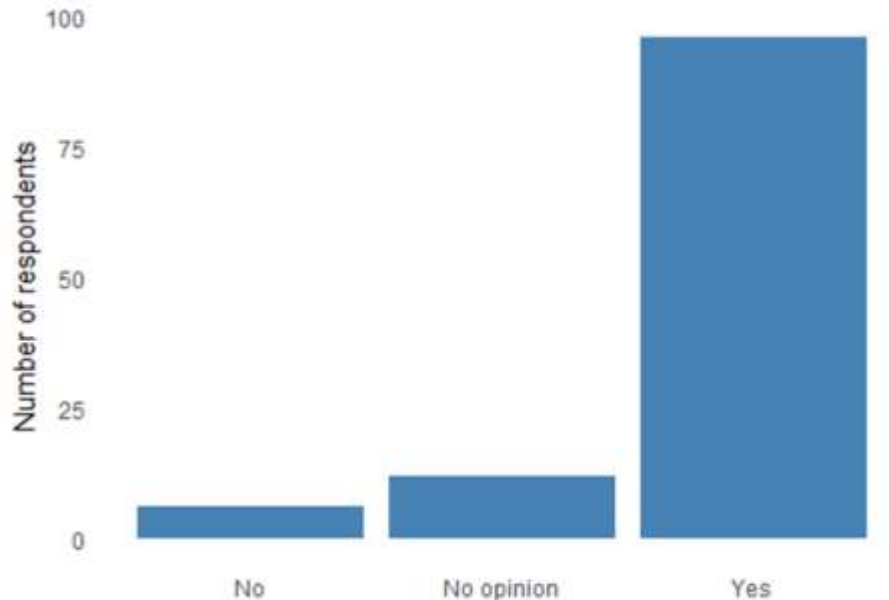


Which vaccines are available and how do they compare?

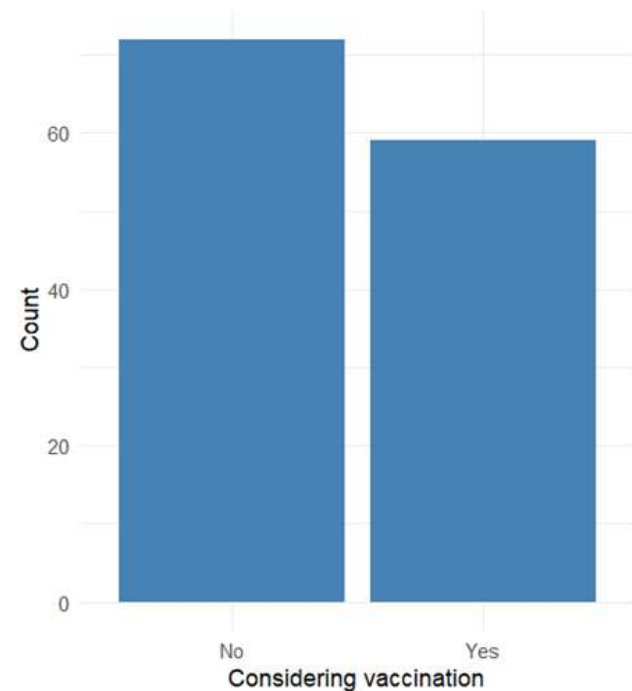
What are the implications of HPAI viruses' evolution and shifts for surveillance and vaccination?



Conference delegates (n=114)
Are you generally in favour of the use of vaccination against avian influenza in situations deemed appropriate?



WOAH delegates (n=131)
Is your country currently considering vaccination as a complementary tool for the control of Avian Influenza?





Participants at this meeting generally support vaccination; however, to assist decision-makers, it is essential to present a balanced view of all the pros and cons



*Special thanks to the
Scientific Committee,
Organizing
Committee, and the
IABS Secretariat.*



*We also extend our
gratitude to WOAH for
providing the venue."*

Big thanks to all the speakers for their great contributions and valuable input to the discussions



Thank you

for their support for this meeting





Utrecht University

Veterinary Medicine

Thank you all for attending the meeting!

Please enjoy, network and feel free to contribute to
the discussions