

# Report on the International Expert Elicitation Workshop on Prion Disease Transmission held March 16-17, 2009

R. Samuel McLaughlin Centre for Population  
Health Risk Assessment

A PAHO / WHO Collaborating Centre in  
Population Health Risk Assessment

February 25, 2009

Université d'Ottawa | University of Ottawa



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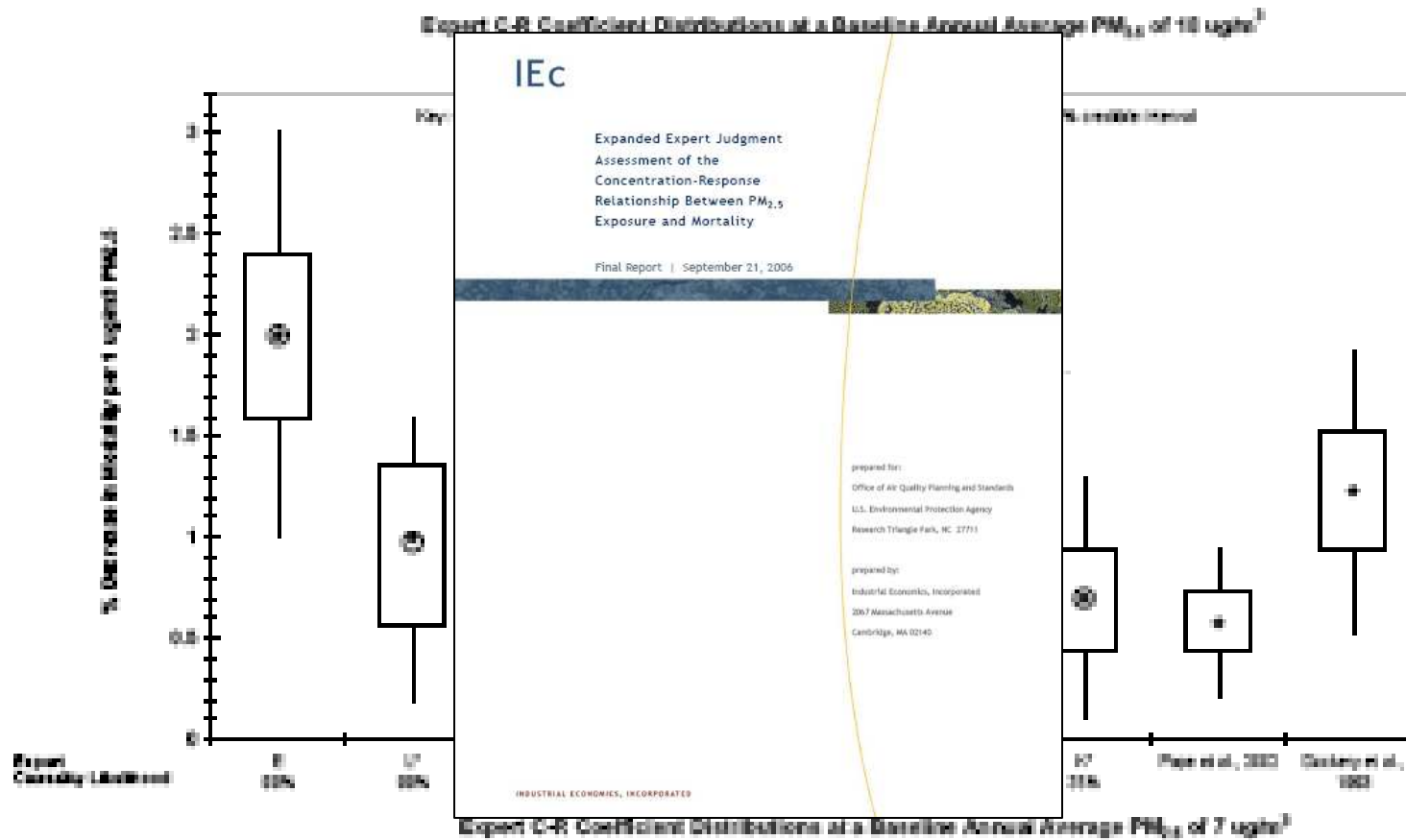


Statistics and Risk  
Assessment Section



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# Applications of Expert Elicitation



# Calibration of Experts

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- **Evaluate expert's uncertainty assessments based on a series of calibration questions where the answer is known**
- **Weight expert opinion in relation to calibration exercise (Cooke 'calibration score')**
- **Thirteen seed questions used to calibrate experts**

# Target Questions

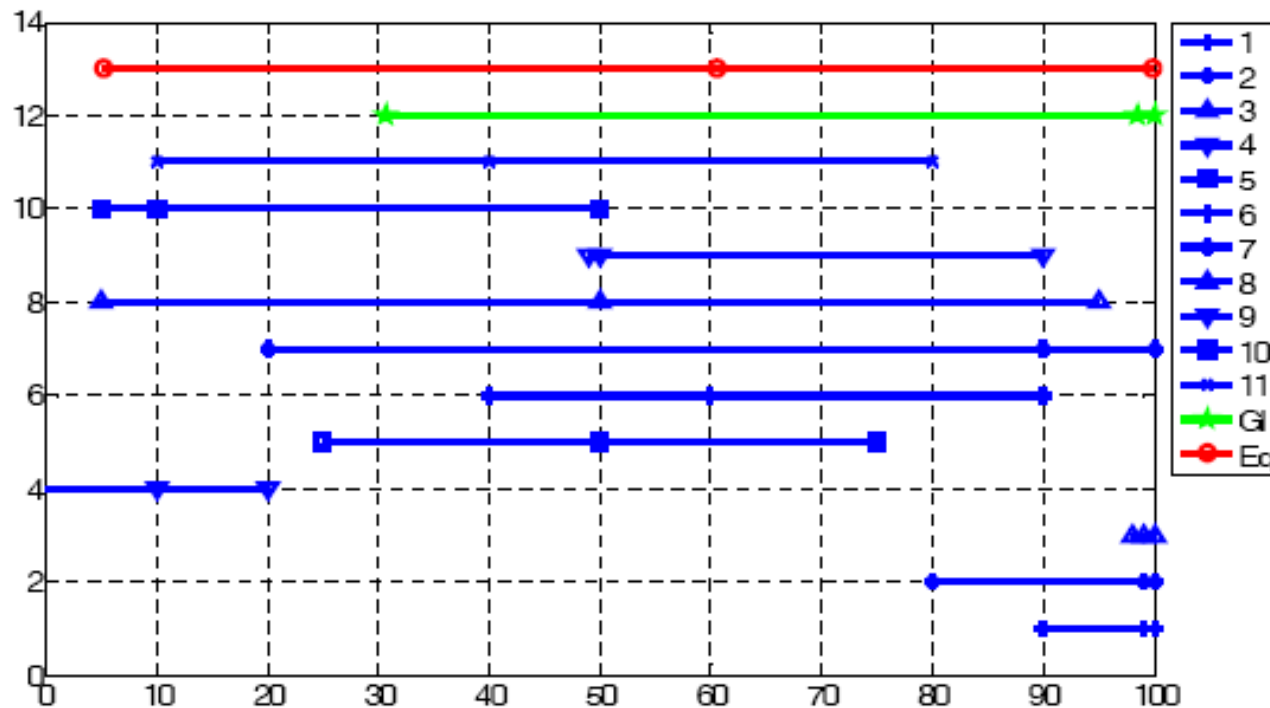
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**Following calibration,  
the experts were asked to answer 22 target questions**

# Target Question #4

- What is the likelihood of the existence of another zoonotic TSE strain other than classical BSE? (%)



## Target Question #4

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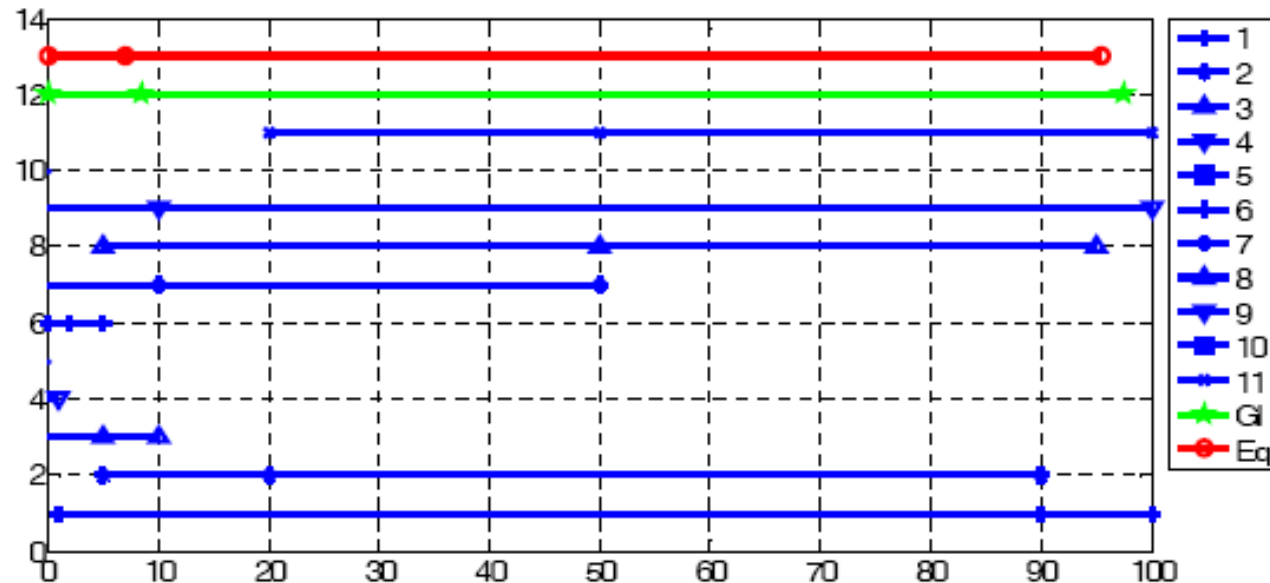
- What is the likelihood of the existence of another zoonotic TSE strain other than classical BSE? (%)

*The experts considered it highly likely that there exist animal diseases other than BSE that may affect humans.*

**Best expert judgement: over 98% likelihood of the existence of zoonotic diseases other than classical BSE.**

# Target Question #22

- What is the likelihood that chronic wasting disease can transmit to humans? (%)



# Target Question #22

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- What is the likelihood that chronic wasting disease can transmit to humans? (%)

*The experts thought that it possible that chronic wasting disease can be transmitted to humans.*

**Best expert judgement: likelihood of just under 10%**



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