



Quantification of human exposure to antimicrobial resistant E. coli using a farm-to-fork model in broiler chicken production

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Quantification of human exposure to antimicrobial resistant *E. coli* using a farm-to-fork model in broiler chicken production.

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CONTEXT

PROJECT ENVIRE

CONSORTIUM AND FUNDING

- Project duration: 2022-2025
- Germany, France, Lithuania, Poland, Tunisia
- Funded by the European Transnational Programme - **JPIAMR-ACTION**

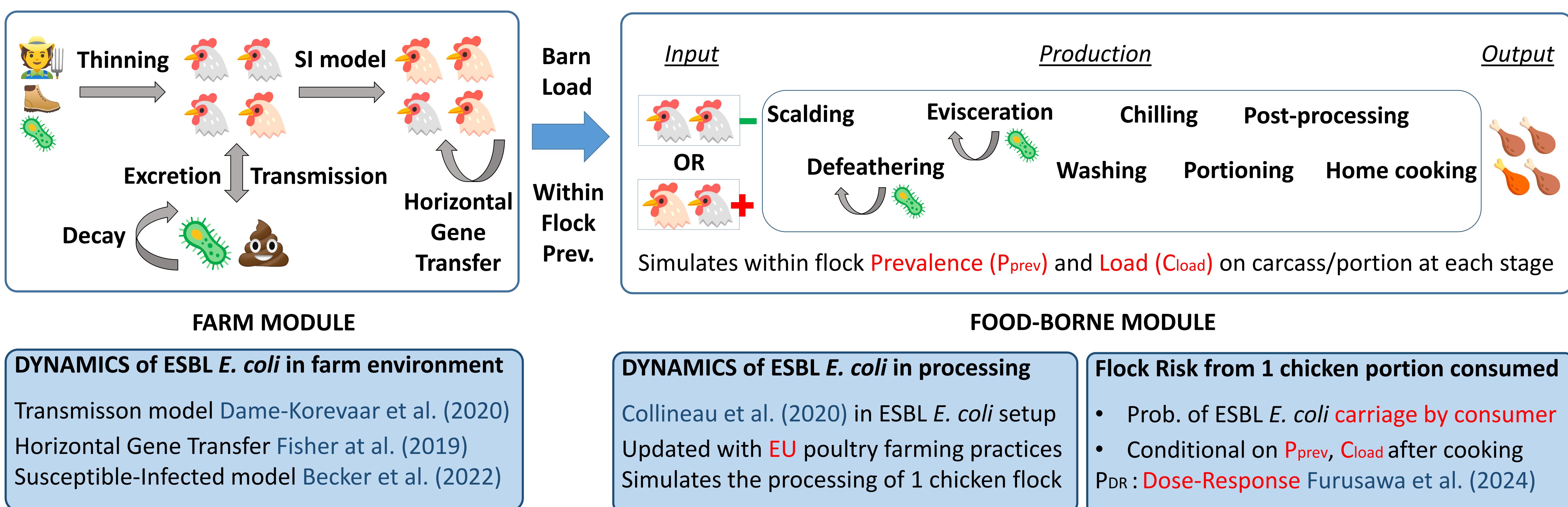
OBJECTIVES

- Reduce antimicrobial-resistant (AMR) bacteria spread from broiler chickens
- Investigate the potential of various on-farm intervention measures
- Reduce transmission and human exposure to ESBL *E. coli* from broiler chicken

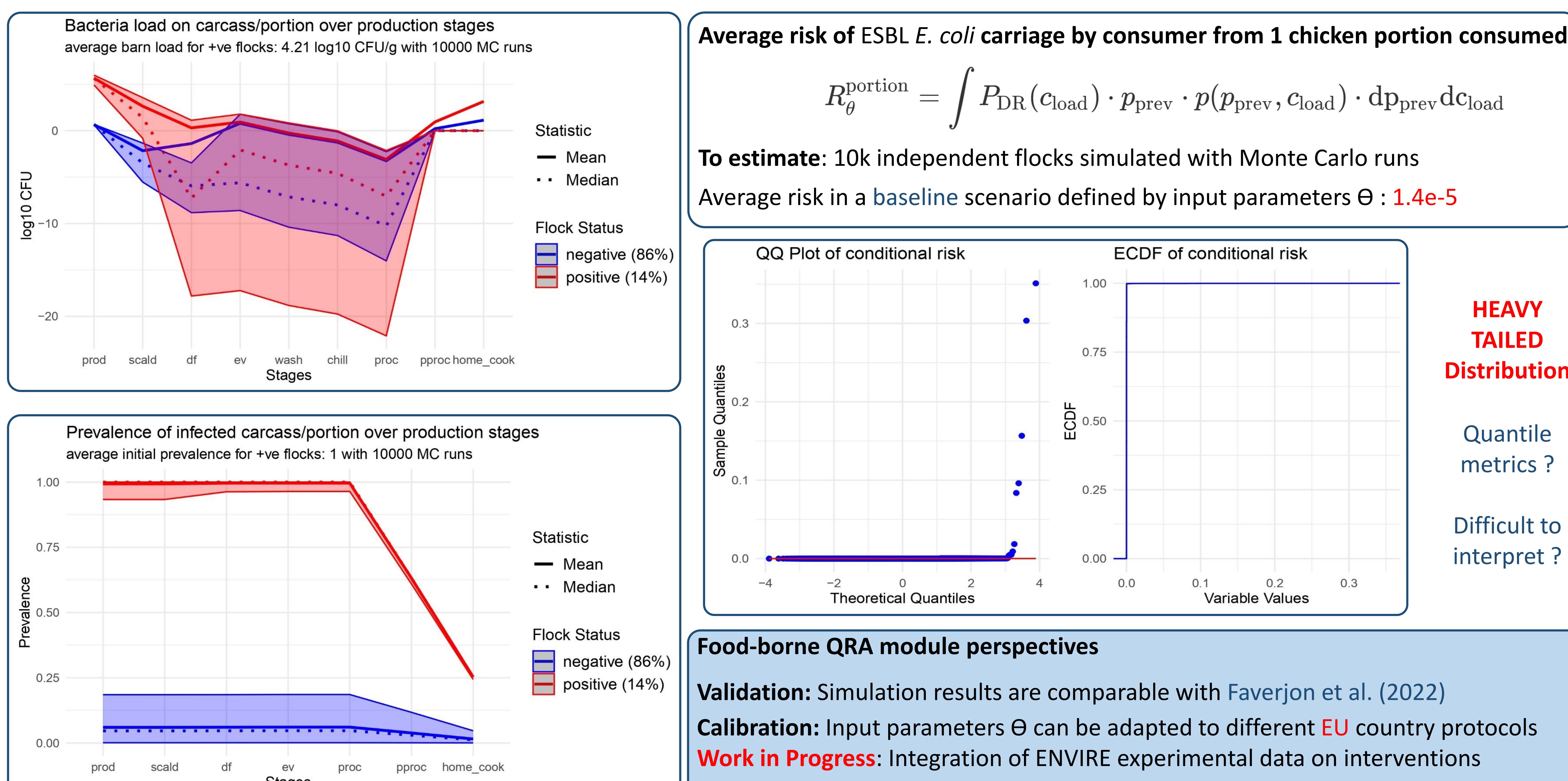
WORKFLOW – WP 3

- Quantitative Risk Assessment with pathways:
 - FOOD-BORNE ✓
 - ENVIRONMENTAL
 - OCCUPATIONAL
- Incorporate on-farm intervention measures

MATERIALS & METHODS FOOD-BORNE FARM-TO-FORK PATHWAY ✓



RESULTS & PERSPECTIVES



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