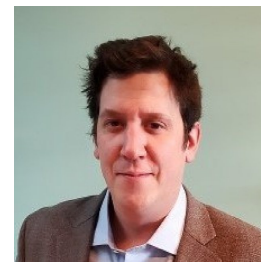


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## Short presentation

Philip Rasmussen is an Assistant Professor of Animal Health Economics at the Section for Animal Welfare and Disease Control, Department of Veterinary and Animal Sciences, University of Copenhagen. His research focuses on livestock diseases with an emphasis on the promotion of evidence-based animal health policy through the estimation of economic burdens and the costs and benefits of disease control strategies.

## Employment

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## Research outputs

### **Rationalising development of classification systems describing livestock production systems for disease burden analysis within the Global Burden of Animal Diseases programme**

Li, Y., McIntyre, K. M., Rasmussen, Philip, Gilbert, W., Chaters, G., Raymond, K., Jemberu, W. T., Larkins, A., Patterson, G. T., Kwok, S., Kappes, A. J., Mayberry, D., Schrobback, P., Acosta, M. H., Stacey, D. A., Huntington, B., Bruce, M., Knight-Jones, T. & Rushton, J., Mar 2024, In: *Research in Veterinary Science*. 168, 105102.

### **Economic losses due to foot-and-mouth disease (FMD) in Ethiopian cattle**

Rasmussen, Philip, Shaw, A. P., W.T, J., Knight-Jones, T., Conrady, Beate, Apenteng, Ofosuhene Okofrobour, Cheng, Y., Muñoz, V., Rushton, J. & Torgerson, P., 2024, (Submitted) In: Submitted Manuscript.

### **Global losses due to dairy cattle diseases: A comorbidity-adjusted economic analysis**

Rasmussen, Philip, Barkema, H., Osei, P. P., Taylor, J., Shaw, A., Conrady, Beate, Chaters, G., Munoz-Gómez, V., Hall, D. C., Apenteng, Ofosuhene Okofrobour, Rushton, J. & Torgerson, P. R., 2024, (Accepted/In press) In: *Journal of Dairy Science*.

### **Prediction of coccidiosis prevalence in extensive backyard chickens in countries and regions of the Horn of Africa**

Muñoz-Gómez, V., Furrer, R., Yin, J., Shaw, A. P., Rasmussen, Philip & Torgerson, P. R., 2024, In: *Veterinary Parasitology*. 327, 110143.

### **Social network analysis reveals the failure of between-farm movement restrictions to reduce Salmonella transmission**

Conrady, Beate, Dervic, E., Klimek, P., Pedersen, L., Reimert, Mossa Merhi, Rasmussen, Philip, Apenteng, Ofosuhene Okofrobour & Nielsen, Liza Rosenbaum, 2024, (Accepted/In press) In: *Journal of Dairy Science*.

### **Economic premiums associated with Mycobacterium avium ssp. paratuberculosis-negative replacement purchases in major dairy-producing regions**

Rasmussen, Philip, Barkema, H. W., Beaulieu, E., Mason, S. & Hall, D. C., 2022, In: *Journal of Dairy Science*. 105, 4, p. 3234-3247

### **Estimating the burden of multiple endemic diseases and health conditions using Bayes' Theorem: A conditional probability model applied to UK dairy cattle**

Rasmussen, Philip, Shaw, A. P. M., Munoz, V., Bruce, M. & Torgerson, P. R., 2022, In: *Preventive Veterinary Medicine*. 203, 105617.

**Economic losses due to Johne's disease (paratuberculosis) in dairy cattle**

Rasmussen, Philip, Barkema, H. W., Mason, S., Beaulieu, E. & Hall, D. C., Jan 2021, In: Journal of Dairy Science. 104, 3, p. 3123-3143

**Effectiveness and Economic Viability of Johne's Disease (Paratuberculosis) Control Practices in Dairy Herds**

Rasmussen, Philip, Barkema, H. W. & Hall, D. C., 2021, In: Frontiers in Veterinary Science. 7

**Estimation of the value of Johne's disease (paratuberculosis) control to Canadian dairy producers**

Rasmussen, Philip, 2021, In: Preventive Veterinary Medicine. 105297.