Ana Carolina Lopes Antunes - DTU Orbit (26/02/2019)

Research outputs:

Outcomes From Using Mortality, Antimicrobial Consumption, and Vaccine Use Data for Monitoring Endemic Diseases in Danish Swine Herds
Research output: Research - peer-review › Journal article – Annual report year: 2019

Building the foundation for veterinary register-based epidemiology: A systematic approach to data quality assessment and validation
Research output: Research - peer-review › Journal article – Annual report year: 2018

Can we detect outbreaks at herd-level earlier when combining multiple data sources?
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2018

A simulation study to evaluate the performance of five statistical monitoring methods when applied to different time-series components in the context of control programs for endemic diseases
Research output: Research - peer-review › Journal article – Annual report year: 2017

Mortality in Danish Swine herds: Spatio-temporal clusters and risk factors
Research output: Research - peer-review › Journal article – Annual report year: 2017

Risk factors associated with spatio-temporal clusters of high mortality in Danish swine herds
Research output: Research - peer-review › Poster – Annual report year: 2017

Risk factors associated with spatio-temporal clusters of high mortality in Danish swine herds
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017

What tools are useful for monitoring endemic diseases? A simulation study based on different time-series components.
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

Comparing algorithms performance for monitoring endemic disease: a simulation study based on the Danish PRRSV monitoring program
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2016

Comparing algorithms performance for monitoring endemic disease: a simulation study based on the Danish PRRSV monitoring program
Research output: Research - peer-review › Poster – Annual report year: 2016

Dynamic generalized linear models for monitoring endemic diseases: moving beyond univariate process monitoring control algorithms
Research output: Research › Article in proceedings – Annual report year: 2016
Monitoring diseases based on register data: Methods and application in the Danish swine production
Research output: Research › Ph.D. thesis – Annual report year: 2017

Monitoring endemic livestock diseases using laboratory diagnostic data: A simulation study to evaluate the performance of univariate process monitoring control algorithms
Research output: Research › peer-review › Journal article – Annual report year: 2016

Monitoring PRRS using laboratory data
Research output: Research › peer-review › Conference abstract in proceedings – Annual report year: 2016

What to look for when monitoring animal diseases?
Research output: Research › peer-review › Poster – Annual report year: 2016

Monitoring PRRS based on laboratory submissions: a simulation study to evaluate detection algorithms performance
Research output: Research › peer-review › Conference abstract in proceedings – Annual report year: 2015

Monitoring PRRS based on laboratory submissions: A simulation study to evaluate detection algorithms performance.
Research output: Research › peer-review › Poster – Annual report year: 2015

Monitoring PRRS sero-prevalence in Danish breeding herds: Evaluation of algorithms performance
Research output: Research › peer-review › Poster – Annual report year: 2015

Spatial analysis and temporal trends of porcine reproductive and respiratory syndrome in Denmark from 2007 to 2010 based on laboratory submission data
Research output: Research › peer-review › Journal article – Annual report year: 2015

Swine production on Maio Island, Cape Verde: a household survey
Research output: Research › peer-review › Journal article – Annual report year: 2016

The dog and cat population on Maio Island, Cape Verde: characterisation and prediction based on household survey and remotely sensed imagery
Research output: Research › peer-review › Journal article – Annual report year: 2015

Estimation and characterization of the dog and cat population on Maio Island, Cape Verde: an integration of household survey data and remote sensing imagery
Research output: Research › peer-review › Conference abstract for conference – Annual report year: 2014

Estimativa e caracterização da população de cães e gatos na Ilha do Maio, Cabo Verde: Integração entre dados de um recenseamento e imagens de detecção remota
Research output: Research › peer-review › Poster – Annual report year: 2014

Opportunities and challenges of using diagnostic databases for monitoring livestock diseases in Denmark
Research output: Research › peer-review › Conference abstract for conference – Annual report year: 2014

Opportunities and challenges of using diagnostic databases for monitoring livestock diseases in Denmark
Research output: Research › peer-review › Poster – Annual report year: 2014

Produção de suínos na Ilha do Maio, Cabo Verde: sistemas de criação e saúde animal
Research output: Research › peer-review › Poster – Annual report year: 2014
Spatiotemporal analysis of the Porcine Reproductive and Respiratory Syndrome epidemic in Denmark using laboratory submission data
Research output: Research › Poster – Annual report year: 2014

Spatiotemporal analysis of the Porcine Reproductive and Respiratory Syndrome (PRRS) epidemic in Denmark using laboratory submission data
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2014

Swine production on Maio Island, Cape Verde: rearing systems and animal health
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2014

Swine production on Maio Island, Cape Verde: rearing systems and animal health
Research output: Research - peer-review › Poster – Annual report year: 2014

Projects:

Disease databases
Project: Research

Veterinary Epidemiology with focus on monitoring livestock disease using diagnostic databases
Project: PhD

Activities:

Translating danish pig big data into useful data for monitoring diseases
Activity: Talks and presentations › Conference presentations

High Quality Pork LATAM 2018
Activity: Talks and presentations › Conference presentations

Can we detect outbreaks at herd-level earlier when combining multiple data sources?
Activity: Talks and presentations › Conference presentations

Interactive, web-based health data visualisation with RStudio Shiny
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

What to look for when monitoring endemic disease? Translating large volumes of data into valuable data for disease surveillance
Activity: Talks and presentations › Conference presentations

Risk factors associated with spatio-temporal clusters of high mortality in Danish swine herds
Activity: Talks and presentations › Conference presentations

How can we improve public health, food hygiene, and animal welfare in developing country slaughterhouses?
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

ECVPH AGM & Annual Scientific Conference 2017
Activity: Attending an event › Participating in or organising a conference

Modelling of disease spread
Activity: Other
What tools are useful for monitoring endemic diseases? A simulation study based on different time-series components.

PhD boot camp - scientific writing

24th International Pig Veterinary Society (IPVS) Congress

University of Southern Denmark

Dynamic generalized linear models for monitoring endemic diseases: moving beyond univariate process monitoring control algorithms.

Annual Conference of The Society for Veterinary Epidemiology and Preventive Medicine 2016

SVEPM 2016 Poster Prize

Trace back and trace forward in foodborne outbreak investigation

Monitoring PRRS using laboratory data

Up to date with Pig Research

International trade of animal source foods from low income countries

Annual General Meeting of the European College of Veterinary Public Health 2015

Food and Agriculture Organization of the United Nations (FAO) Participatory Epidemiology Forum

Training School on Big Data and Data Warehousing

Introduction to Bayesian Disease Mapping
Syndromic surveillance using free tools
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

International Conference in pig welfare
Activity: Attending an event › Participating in or organising a conference

Annual Conference of The Society for Veterinary Epidemiology and Preventive Medicine
Activity: Attending an event › Participating in or organising a conference

Introduction to the Interactive visualisation of surveillance data with Google maps and Charts
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Symposium: Animal Health Surveillance 2.0 RISKSUR
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

National Veterinary Institute Sweden
Activity: Visiting an external institution › Visiting another research institution

Epidemiological analysis of clustered data – with emphasis on veterinary applications
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Spatial and Temporal Statistical Modelling for Population Health Sciences Course
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

8th Annual Meeting of Epizone
Activity: Attending an event › Participating in or organising a conference

Workshop on Communication
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

1st Dairy Care Conference
Activity: Attending an event › Participating in or organising a conference

2nd International Conference on Animal Health and Surveillance
Activity: Attending an event › Participating in or organising a conference

Data mining and knowledge discovery – an introductory course with focus on veterinary epidemiology applications
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

VI Congresso da Sociedade Portuguesa de Ciências Veterinárias
Activity: Attending an event › Participating in or organising a conference

How to estimate the risk of exotic disease incursion
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

SVEPM Annual Meeting 2014
Activity: Attending an event › Participating in or organising a conference

Euraxess Career Roadshow
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.
Up to date with pig research
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Prizes:

InnovSurv 2018 Poster prize
Prize: Prizes, scholarships, distinctions

MSD Animal Health names 2018 High Quality Pork Ph.D. award
Prize: Prizes, scholarships, distinctions

Roberto Chizzoline Memorial Poster Award 2017
Prize: Prizes, scholarships, distinctions

YOUNG EPIZONE Poster Prize
Prize: Prizes, scholarships, distinctions

Press clippings:

Ana Carolina Antunes: a veterinária apaixonada por big data e data science
Press/Media: Press / Media

Vandt pris med forenklede beskrivelser og flot design
Press/Media: Press / Media

Uudforskerede data giver ny viden om svins dødelighed
Press/Media: Press / Media