Research outputs:

Estimating time evolving cross-dependence of porcine reproduction and respiratory syndrome sero-prevalence in Danish swine herds
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

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

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

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

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: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

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

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

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

What tools are useful for monitoring endemic diseases? A simulation study based on different time-series components.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2017 › Research › peer-review
Comparing algorithms performance for monitoring endemic disease: a simulation study based on the Danish PRRSV monitoring program
Lopes Antunes, A. C., Dorea, F., Hisham Beshara Halasa, T. & Toft, N., 2016, Book of abstracts from the 24th International Pig Veterinary Society (IPVS) Congress. Dublin, Ireland, p. 542-542 1 p. PO-PW1-128
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2016 › Research › peer-review

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

Dynamic generalized linear models for monitoring endemic diseases: moving beyond univariate process monitoring control algorithms
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research

Monitoring diseases based on register data: Methods and application in the Danish swine production
Lopes Antunes, A. C., 2016, Frederiksberg C: National Veterinary Institute, Technical University of Denmark. 44 p.

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

Monitoring PRRS using laboratory data
Lopes Antunes, A. C., 2016, Book of presentations of the 3rd CPH Pig seminar: Up to date with pig research. Copenhagen University, p. 35-37
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2016 › Research › peer-review

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

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

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

Monitoring PRRS sero-prevalence in Danish breeding herds: Evaluation of algorithms performance
Research output: Contribution to conference › Poster – Annual report year: 2015 › Research › peer-review
Spatial analysis and temporal trends of porcine reproductive and respiratory syndrome in Denmark from 2007 to 2010 based on laboratory submission data
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

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

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

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

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: Contribution to conference › Poster – Annual report year: 2014 › Research › peer-review

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

Produção de suínos na Ilha do Maio, Cabo Verde: sistemas de criação e saúde animal
Research output: Contribution to conference › Poster – Annual report year: 2014 › Research › peer-review

Spatiotemporal analysis of the Porcine Reproductive and Respiratory Syndrome epidemic in Denmark using laboratory submission data
Research output: Contribution to conference › Poster – Annual report year: 2014 › Research

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

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

Projects:

**Disease databases**
Lopes Antunes, A. C., Jensen, V. F. & Toft, N.
01/01/2017 → 31/12/2019
Project: Research

**Veterinary Epidemiology with focus on monitoring livestock disease using diagnostic databases**
Lopes Antunes, A. C., Toft, N., Hisham Beshara Halasa, T., Jensen, V. F., Revie, C. W. & Mortensen, S.
15/12/2013 → 26/04/2017
Project: PhD

Activities:

**2nd Symposium on the Ossabaw Pig in Biomedical Research and Development**
Ana Carolina Lopes Antunes (Participant)
5 Apr 2019
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**SQL Server Basic kursus**
Ana Carolina Lopes Antunes (Participant)
10 Dec 2018 → 12 Dec 2018
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**Translating danish pig big data into useful data for monitoring diseases**
Ana Carolina Lopes Antunes (Invited speaker)
9 Oct 2018
Activity: Talks and presentations › Conference presentations

**High Quality Pork LATAM 2018**
Ana Carolina Lopes Antunes (Guest lecturer)
13 Aug 2018 → 15 Aug 2018
Activity: Talks and presentations › Conference presentations

**University of Copenhagen**
Ana Carolina Lopes Antunes (Visiting researcher)
1 Jun 2018 → 30 Sep 2018
Activity: Visiting an external institution › Visiting another research institution

**Can we detect outbreaks at herd-level earlier when combining multiple data sources?**
Ana Carolina Lopes Antunes (Guest lecturer)
16 May 2018 → 18 May 2018
Activity: Talks and presentations › Conference presentations

**Interactive, web-based health data visualisation with RStudio Shiny**
Ana Carolina Lopes Antunes (Participant)
26 Mar 2018 → 28 Mar 2018
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
Ana Carolina Lopes Antunes (Invited speaker)
5 Mar 2018
Activity: Talks and presentations › Conference presentations

Risk factors associated with spatio-temporal clusters of high mortality in Danish swine herds
Ana Carolina Lopes Antunes (Guest lecturer)
4 Oct 2017
Activity: Talks and presentations › Conference presentations

How can we improve public health, food hygiene, and animal welfare in developing country slaughterhouses?
Ana Carolina Lopes Antunes (Organizer)
3 Oct 2017
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

ECVPH AGM & Annual Scientific Conference 2017
Ana Carolina Lopes Antunes (Organizer)
2 Oct 2017 → 4 Oct 2017
Activity: Attending an event › Participating in or organising a conference

Modelling of disease spread
Ana Carolina Lopes Antunes (Participant)
5 Jun 2017 → 23 Jun 2017
Activity: Other

International Conference in Animal Health Surveillance 3
Ana Carolina Lopes Antunes (Speaker)
1 May 2017 → 4 May 2017
Activity: Talks and presentations › Conference presentations

What tools are useful for monitoring endemic diseases? A simulation study based on different time-series components.
Ana Carolina Lopes Antunes (Speaker)
1 May 2017 → 4 May 2017
Activity: Talks and presentations › Conference presentations

PhD boot camp - scientific writing
Ana Carolina Lopes Antunes (Participant)
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

24th International Pig Veterinary Society (IPVS) Congress
Ana Carolina Lopes Antunes (Participant)
7 Jun 2016 → 10 Jun 2016
Activity: Attending an event › Participating in or organising a conference

University of Southern Denmark
Ana Carolina Lopes Antunes (Visiting researcher)
1 Apr 2016 → 30 Jun 2016
Activity: Visiting an external institution › Visiting another research institution

University of Southern Denmark
Ana Carolina Lopes Antunes (Visiting researcher)
Apr 2016 → Jun 2016
Activity: Visiting an external institution › Visiting another research institution
Dynamic generalized linear models for monitoring endemic diseases: moving beyond univariate process monitoring control algorithms.
Ana Carolina Lopes Antunes (Speaker)
17 Mar 2016
Activity: Talks and presentations › Conference presentations

Annual Conference of The Society for Veterinary Epidemiology and Preventive Medicine 2016
Ana Carolina Lopes Antunes (Participant)
16 Mar 2016 → 18 Mar 2016
Activity: Attending an event › Participating in or organising a conference

SVEPM 2016 Poster Prize
Ana Carolina Lopes Antunes (Other)
16 Mar 2016 → 18 Mar 2016
Activity: Talks and presentations › Conference presentations

Trace back and trace forward in foodborne outbreak investigation
Ana Carolina Lopes Antunes (Participant)
16 Mar 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Monitoring PRRS using laboratory data
Ana Carolina Lopes Antunes (Speaker)
3 Feb 2016
Activity: Talks and presentations › Conference presentations

Up to date with Pig Research
Ana Carolina Lopes Antunes (Speaker)
3 Feb 2016
Activity: Talks and presentations › Conference presentations

International trade of animal source foods from low income countries
Ana Carolina Lopes Antunes (Participant)
8 Oct 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Annual General Meeting of the European College of Veterinary Public Health 2015
Ana Carolina Lopes Antunes (Participant)
7 Oct 2015 → 9 Oct 2015
Activity: Attending an event › Participating in or organising a conference

Food and Agriculture Organization of the United Nations (FAO) Participatory Epidemiology Forum
Ana Carolina Lopes Antunes (Participant)
Oct 2015 → …
Activity: Other

Training School on Big Data and Data Warehousing
Ana Carolina Lopes Antunes (Participant)
27 Aug 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Introduction to Bayesian Disease Mapping
Ana Carolina Lopes Antunes (Participant)
29 Jun 2015 → 3 Jul 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.
Syndromic surveillance using free tools
Ana Carolina Lopes Antunes (Participant)
19 May 2015 → 22 May 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

International Conference in pig welfare
Ana Carolina Lopes Antunes (Participant)
29 Apr 2015 → 30 Apr 2015
Activity: Attending an event › Participating in or organising a conference

Annual Conference of The Society for Veterinary Epidemiology and Preventive Medicine
Ana Carolina Lopes Antunes (Participant)
25 Mar 2015 → 27 Mar 2015
Activity: Attending an event › Participating in or organising a conference

Introduction to the Interactive visualisation of surveillance data with Google maps and Charts
Ana Carolina Lopes Antunes (Participant)
25 Mar 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Symposium: Animal Health Surveillance 2.0 RISKSUR
Ana Carolina Lopes Antunes (Participant)
24 Mar 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

National Veterinary Institute
Ana Carolina Lopes Antunes (Visiting researcher)
15 Feb 2015 → 31 Mar 2015
Activity: Visiting an external institution › Visiting another research institution

National Veterinary Institute Sweden
Ana Carolina Lopes Antunes (Visiting researcher)
Feb 2015 → Mar 2015
Activity: Visiting an external institution › Visiting another research institution

Epidemiological analysis of clustered data – with emphasis on veterinary applications
Ana Carolina Lopes Antunes (Participant)
15 Jan 2015 → 4 Feb 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Spatial and Temporal Statistical Modelling for Population Health Sciences Course
Ana Carolina Lopes Antunes (Participant)
24 Nov 2014 → 28 Nov 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

8th Annual Meeting of Epizone
Ana Carolina Lopes Antunes (Participant)
23 Sep 2014 → 25 Sep 2014
Activity: Attending an event › Participating in or organising a conference

Workshop on Communication
Ana Carolina Lopes Antunes (Participant)
23 Sep 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.
1st Dairy Care Conference
Ana Carolina Lopes Antunes (Participant)
22 Aug 2014 → 23 Aug 2014
Activity: Attending an event › Participating in or organising a conference

2nd International Conference on Animal Health and Surveillance
Ana Carolina Lopes Antunes (Participant)
7 May 2014 → 9 May 2014
Activity: Attending an event › Participating in or organising a conference

Data mining and knowledge discovery – an introductory course with focus on veterinary epidemiology applications
Ana Carolina Lopes Antunes (Participant)
4 May 2014 → 6 May 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

VI Congresso da Sociedade Portuguesa de Ciências Veterinárias
Ana Carolina Lopes Antunes (Participant)
3 Apr 2014 → 5 Apr 2014
Activity: Attending an event › Participating in or organising a conference

How to estimate the risk of exotic disease incursion
Ana Carolina Lopes Antunes (Participant)
26 Mar 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

SVEPM Annual Meeting 2014
Ana Carolina Lopes Antunes (Participant)
26 Mar 2014 → 28 Mar 2014
Activity: Attending an event › Participating in or organising a conference

Euraxess Career Roadshow
Ana Carolina Lopes Antunes (Participant)
11 Mar 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Up to date with pig research
Ana Carolina Lopes Antunes (Participant)
29 Jan 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Prizes:

InnovSurv 2018 Poster prize
Ana Carolina Lopes Antunes (Recipient), 18 May 2018
Prize: Prizes, scholarships, distinctions

MSD Animal Health names 2018 High Quality Pork Ph.D. award
Ana Carolina Lopes Antunes (Recipient), 2018
Prize: Prizes, scholarships, distinctions

Roberto Chizzoline Memorial Poster Award 2017
Ana Carolina Lopes Antunes (Recipient), 4 Oct 2017
Prize: Prizes, scholarships, distinctions
YOUNG EPIZONE Poster Prize
Ana Carolina Lopes Antunes (Recipient), 24 Sep 2014
Prize: Prizes, scholarships, distinctions

Press clippings:

Ana Carolina Antunes: a veterinária apaixonada por big data e data science
Ana Carolina Lopes Antunes
13/02/2019
1 media contribution
Press/Media: Press / Media

Vandt pris med forenklede beskrivelser og flot design
Ana Carolina Lopes Antunes
02/01/2018
1 item of media coverage
Press/Media: Press / Media

Uudforske data giver ny viden om svins dødelighed
Ana Carolina Lopes Antunes
19/12/2017
1 item of media coverage
Press/Media: Press / Media