Publications:

**Considering built environment and spatial correlation in modelling pedestrian injury severity**
Publication: Research - peer-review › Journal article – Annual report year: 2018

**Effects of new bus and rail rapid transit systems – an international review**
Ingvardson, J. B. & Nielsen, O. A. 2018 In : Transport Reviews. 38, 1, p. 96-116
Publication: Research - peer-review › Journal article – Annual report year: 2018

**D-efficient or deficient? A robustness analysis of stated choice experimental designs**
Publication: Research - peer-review › Journal article – Annual report year: 2017

**The role of intention as mediator between latent effects and behavior: application of a hybrid choice model to study departure time choices**
Publication: Research - peer-review › Journal article – Annual report year: 2017

**A Bayesian Additive Model for Understanding Public Transport Usage in Special Events**
Publication: Research - peer-review › Journal article – Annual report year: 2017

**Actual preferences for EV households in Denmark and Sweden**
Jensen, A. F., Haustein, S., Cherchi, E. & Thorhauge, M. 2017
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

**A Joint Route Choice Model for Electric and Conventional Car Users**
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

**Analysing improvements to on-street public transport systems: a mesoscopic model approach**
Publication: Research - peer-review › Journal article – Annual report year: 2017

**Applying LCA in decision making- the need and the future perspective**
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

**Considering built environment and spatial correlation in modelling pedestrian injury severity**
Prato, C. G., Kaplan, S., Patrier, A. & Rasmussen, T. K. 2017
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

**Cyklistuheld – hvilken betydning har vejen, køretøjet og trafikanten**
Publication: Research › Conference article – Annual report year: 2017
Delay estimation on a railway-line with smart use of micro-simulation
Cerreto, F., Harrod, S. & Nielsen, O. A. 2017 *Transport Infrastructure and Systems proceedings* of the *Aiti International Congress on Transport Infrastructure and Systems* (Tis 2017), Rome, Italy, 10-12 April 2017. p. 867-874
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Demand pattern analysis of taxi trip data for anomalies detection and explanation
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Dynamisk vejvalgsmodel for Hovedstadsområdet
Publication: Communication › Journal article – Annual report year: 2017

Effekten af autonome og selvkørende biler på kortere og lang sigt
Publication: Communication › Journal article – Annual report year: 2017

Empirical analyses of a choice model that captures ordering among attribute values
Mabit, S. L. 2017 In: *Journal of Choice Modelling.* 25, p. 3-10
Publication: Research - peer-review › Journal article – Annual report year: 2017

Enabling Bus Transit Service Quality Co-Monitoring Through Smartphone-Based Platform
Publication: Research - peer-review › Journal article – Annual report year: 2017

Europæernes rejsevaner belyst igennem Ferie- og Forretningsrejseundersøgelserne
Publication: Research - peer-review › Conference article – Annual report year: 2017

Evaluating the police service quality for handling traffic crash reporting: A combined MCDA and LCA approach
Publication: Research - peer-review › Journal article – Annual report year: 2017

Harnessing big data for estimating the energy consumption and driving range of electric vehicles
Publication: Research - peer-review › Journal article – Annual report year: 2017

How indicative is a self-reported driving behaviour profile of police registered traffic law offences?
Publication: Research - peer-review › Journal article – Annual report year: 2016

Integrated Optimisation for Public Transport System with Joint Schedule- and Frequency-Based Services
Jiang, Y., Eltved, M., Nielsen, O. A. & Rasmussen, T. K. 2017
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Integrating environmental impacts into cost-benefit analysis: The value of environmental pollutants
Dong, Y., Manzo, S. & Hauschild, M. Z. 2017
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Integrating police reports with geographic information system resources for uncovering multidimensional patterns of pedestrian crashes in Denmark
Prato, C. G., Kaplan, S., Patrier, A. & Rasmussen, T. K. 2017
Investigating the reasons behind the intention to report cycling crashes to the police and hospitals in Denmark

Joint modeling of schedule- and frequency-based services in public transport assignment models

Learning Supervised Topic Models for Classification and Regression from Crowds

Logical Entity Level Sentiment Analysis

Modelling production-consumption flows of goods in Europe: the trade model within Transtools3

Predicting the Potential Market for Electric Vehicles

Probabilistic Modeling and Visualization for Bankruptcy Prediction

Road Safety Annual Report 2017

Road signage comprehension and overload: The role of driving style and need for closure
Bortei-Doku, S., Kaplan, S., Prato, C. G. & Nielsen, O. A. 2017 In : Transportation Research Procedia. 24, p. 442-449

Strategic assessment of capacity consumption in railway networks: Framework and model

Suitability of commercial transport for a shift to electric mobility with Denmark and Germany as use cases
Christensen, L., Klauenberg, J., Kveiborg, O. & Rudolph, C. 2017 In : Research in Transportation Economics. 64, 13 p.

Testing the slope model of scheduling preferences on stated preference data
The forming of truck platoons: How to make it work

The Recharging Infrastructure Needs for Long Distance Travel by Electric Vehicles: A Comparison of Battery-Switching and Quick-Charging Stations

The restricted stochastic user equilibrium with threshold model: Large-scale application and parameter testing

The role of information systems in non-routine transit use of university students: Evidence from Brazil and Denmark

The use of electric vehicles: A case study on adding an electric car to a household

Threshold-based Stochastic User Equilibrium models
Watling, D. P., Rasmussen, T. K., Nielsen, O. A. & Prato, C. G. 2017 Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Use of Taxi-Trip Data in Analysis of Demand Patterns for Detection and Explanation of Anomalies
Markou, I., Rodrigues, F. & Pereira, F. C. 2017 In : Transportation Research Record. 2643, p. 129-138 Publication: Research - peer-review › Journal article – Annual report year: 2017

Accounting for the Theory of Planned Behaviour in departure time choice

Bounded rational choice behaviour: applications in transport

Mapping Social Media for Transportation Studies

Mest trafiksikkerhed for pengene

On the need for integrating LCA into decision making
Suitability of commercial transport for a shift to electric mobility
Publication: Research - peer-review › Conference article – Annual report year: 2017

The Danish national passenger model – Model specification and results
Publication: Research - peer-review › Journal article – Annual report year: 2016

Uncertainty in Bus Arrival Time Predictions: Treating Heteroscedasticity With a Metamodel Approach
Publication: Research - peer-review › Journal article – Annual report year: 2016

Understanding traffic crash under-reporting: Linking police and medical records to individual and crash characteristics
Publication: Research - peer-review › Journal article – Annual report year: 2016

Using internet search queries to predict human mobility in social events
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

What does the Tourism Demand Survey tell about long distance travel
Christensen, L. & Nielsen, O. A. 2016
Publication: Research - peer-review › Paper – Annual report year: 2017

Robustness indicators and capacity models for railway networks
Publication: Research › Ph.D. thesis – Annual report year: 2016

Projects:

Bedre Uheldsdata
Janstrup, K. H., Møller, M. & Clemmensen, M. B.
01/01/2016 → 01/11/2017
Project

Model til vurdering af infrastrukturerfekter på trafikuheld
Janstrup, K. H., Møller, M. & Pilegaard, N.
01/01/2016 → 31/12/2018
Project

Activities:

Integrated Optimisation for Public Transport System with Joint Schedule- and Frequency-based Services
Jiang, Y. (Speaker)
11 Dec 2017
Activity: Talks and presentations › Conference presentations

Bedre uheldsdata
Janstrup, K. H. (Other), Møller, M. (Speaker), Clemmensen, M. B. (Other)
6 Dec 2017 → 7 Dec 2017
Activity: Talks and presentations › Conference presentations
Vejens skadespoint og trafiksikkerhed - Er der behov for et nyt skadespoint, som kan benyttes som trafiksikkerhedsindikator?
Janstrup, K. H. (Speaker), Møller, M. (Other), Pilegaard, N. (Other)
6 Dec 2017 → 7 Dec 2017
Activity: Talks and presentations › Conference presentations

Accident Analysis & Prevention (Journal)
Janstrup, K. H. (Reviewer)
15 Nov 2017 → …
Activity: Research › Peer review of manuscripts

Asfaltindustriens valgmøde i Aarhus
Janstrup, K. H. (Invited speaker)
7 Nov 2017
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

Asfaltindustriens valgmøde i Guldborgsund
Janstrup, K. H. (Invited speaker)
1 Nov 2017
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

Asfaltindustriens valgmøde i Køge
Janstrup, K. H. (Invited speaker)
26 Oct 2017
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

Asfaltindustriens valgmøde i Odense
Janstrup, K. H. (Invited speaker)
25 Oct 2017
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

Cyklistuheld – hvilken betydning har vejen, køretøjet og trafikanten
Janstrup, K. H. (Speaker), Møller, M. (Other), Pilegaard, N. (Other)
28 Aug 2017 → 29 Aug 2017
Activity: Talks and presentations › Conference presentations

Integrating environmental impacts into cost-benefit analysis- The value of environmental pollutants
Dong, Y. (Speaker), Manzo, S. (Other), Hauschild, M. Z. (Other)
26 Jun 2017
Activity: Talks and presentations › Conference presentations

Integrating environmental impacts into cost-benefit analysis- The value of environmental pollutants
Dong, Y. (Guest lecturer), Manzo, S. (Guest lecturer), Hauschild, M. Z. (Guest lecturer)
25 Jun 2017 → 29 Jun 2017
Activity: Talks and presentations › Conference presentations

Samfundsekonominiske konsekvenser af trafiksikkerhed
Janstrup, K. H. (Invited speaker)
14 Jun 2017
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

Trafiksikkerhed som grundlag for bedre prioritering af vejvedligehold
Janstrup, K. H. (Invited speaker)
12 Jun 2017 → 13 Jun 2017
Activity: Talks and presentations › Conference presentations
Ambitiøse mål for trafiksikkerhed
Janstrup, K. H. (Speaker)
31 May 2017
Activity: Talks and presentations › Conference presentations

Applying LCA in decision making- the need and the future perspective
Dong, Y. (Speaker), Miraglia, S. (Other), Manzo, S. (Other), Georgiadis, S. (Other), Sørup, H. J. D. (Other), Boriani, E. (Other), Hald, T. (Other), Thöns, S. (Other), Hauschild, M. Z. (Other)
10 May 2017
Activity: Talks and presentations › Conference presentations

Applying LCA in decision making- the need and the future perspective
Dong, Y. (Guest lecturer), Miraglia, S. (Guest lecturer), Manzo, S. (Guest lecturer), Georgiadis, S. (Guest lecturer), Sørup, H. J. D. (Guest lecturer), Boriani, E. (Guest lecturer), Hald, T. (Guest lecturer), Thöns, S. (Guest lecturer), Hauschild, M. Z. (Guest lecturer)
7 May 2017 → 11 May 2017
Activity: Talks and presentations › Conference presentations

Exposure group meeting - Walk21
Janstrup, K. H. (Speaker)
18 Apr 2017
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

Sammenhængen mellem vejenes tilstand, ulykker og samfundsøkonomi
Janstrup, K. H. (Invited speaker)
30 Mar 2017
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

Subcommity of ABJ10 Long Distance and intercity Travel Joint Subcommity
Christensen, L. (Guest lecturer)
9 Jan 2017
Activity: Talks and presentations › Conference presentations

Modelling production-consumption flows of goods in Europe: the trade model within Transtools 3
Gerard de Jong (Speaker), Reto Tanner (Other), Rich, J. (Other), Thorhauge, M. (Other), Nielsen, O. A. (Other), John Bates (Other)
5 Oct 2016
Activity: Talks and presentations › Conference presentations

A model for freight transport chain choice in Europe
Jensen, A. F. (Speaker), Thorhauge, M. (Other), Gerard de Jong (Speaker), Rich, J. (Other), Thijs Dekker (Other), Daniel Johnson (Other), Manuel Ojeda Cabral (Other), John Bates (Other), Nielsen, O. A. (Other)
14 Sep 2016 → 16 Sep 2016
Activity: Talks and presentations › Conference presentations

Synthesis of household based trip diaries
Thorhauge, M. (Speaker), Rich, J. (Other)
14 Sep 2016
Activity: Talks and presentations › Conference presentations

Udvikling af transportvanedata for husholdninger
Thorhauge, M. (Speaker), Rich, J. (Other)
23 Aug 2016
Activity: Talks and presentations › Conference presentations
SafeTREC-UCTC Seminar: Departure time choice modeling
Thorhauge, M. (Speaker)
7 Feb 2014
Activity: Talks and presentations › Conference presentations

Samfundssøkonomiske fordele i køreplaner ved hjælp af passagerforsinkelsesmodeller
Thorhauge, M. (Speaker)
9 May 2012
Activity: Talks and presentations › Conference presentations

Prizes:

DTU’s Young Researcher Award
Kira Hyldekær Janstrup (Recipient), 30 Sep 2016
Prize: Prizes, scholarships, distinctions

INFORMS Railway Application Section 2016 Student Paper Award - Second Place
Fabrizio Cerreto (Recipient), Otto Anker Nielsen (Recipient) & Steven Harrod (Recipient), 13 Nov 2016
Prize: Prizes, scholarships, distinctions

Prof. P.H. Bendtsen Transport Research Award
Mikkel Thorhauge (Recipient), 22 Aug 2016
Prize: Prizes, scholarships, distinctions

Third best paper and presentation at ECTRI-FERSI Young Researchers Seminar
Kira Hyldekær Janstrup (Recipient), 7 Jun 2013
Prize: Prizes, scholarships, distinctions

Press clippings:

Dårlige veje i Odense kommune kan betyde flere uheld
Kira Hyldekær Janstrup
25/10/2017
1 media contribution
Press / Media