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## **Scientific publications**

*Journal papers, peer-refereed in international journals (ISI-listed)*

Van Cranenburgh, S. Bliemer, M.C.J. & Chorus, C. G. (2018). “Information theoretic-based sampling of observations”. *Journal of Choice Modelling*. In press.

[Van Cranenburgh, S. Rose, J. M. & Chorus, C. G. \(2018\)](#). “On the robustness of efficient experimental designs towards the underlying decision rule”. *Transportation Research Part A*, 109(0), 50-64.

[Van Cranenburgh, S. & Chorus, C. G. \(2018\)](#). “Does The Decision Rule Matter For Large-Scale Transport Models?”. *Transportation Research Part A*, in press.

[Chorus, C. G. & Van Cranenburgh, S. \(2018\)](#). “Specification of regret-based models of choice behaviour: formal analyses and experimental design based evidence-commentary”. *Transportation*, 45(1), 247-256.

[Van Cranenburgh, S., & Dekker, T. \(2018\)](#). “Special issue of the 5th Symposium of the European Association of Research in Transportation”. *European Journal of Transport and Infrastructure Research*, 18(1), 1-3.

Mouter, N., Van Cranenburgh, S. & Van Wee, B. (2018). “Consumer-Citizen Duality in Transport: Why Citizens Prefer Safety and Consumers Desire Speed?”. *Transportation Research Board 97th Annual Meeting* (No. 18-03109).

Mouter, N., Ojeda Cabral, M., Dekker, T. & Van Cranenburgh (2018). “The Valuation of Environmental Effects and Travel Time from a Consumer and Citizen Perspective”. *Transportation Research Board 97th Annual Meeting* (No. 18-04417).

De Loeff, E., Correia, G.H.A., Van Cranenburgh, S., Snelder, M. & Van Arem, B. (2018). "Potential Changes in Value of Travel Time as a Result of Vehicle Automation: a Case Study in the Netherlands?" (No. 18-03109).

[Van Cranenburgh, S. & Chorus, C. G. \(2017\)](#). "Willingness to Pay-inference in the absence of rejected propositions". *Journal of Retailing and Consumer Services*, 39, 35-42.

[Mouter, N., Van Cranenburgh, S. & Van Wee, B. \(2017\)](#). "An empirical assessment of Dutch citizens' preferences for spatial equality in the context of a national transport investment plan". *Journal of Transport Geography*, 60, 217-230.

[Kroesen, M. & Van Cranenburgh, S. \(2016\)](#). "Revealing transition patterns between mono-and multimodal travel patterns over time: A mover-stayer model". *EJTIR*, 16(4), 754-771.

[Van Cranenburgh, S. \(2016\)](#). "Short-term responses of Dutch vacationers to a sharp increase in transport costs". *Current Issues in Tourism*, 1-20.

[Van Cranenburgh, S. & Prato, C.G. \(2016\)](#). "On the robustness of Random Regret Minimization modelling outcomes towards omitted attributes". *Journal of Choice Modelling*. 18(0), 51-70.

[Van Cranenburgh, S., Guevara, C.A. & Chorus, C.G. \(2015\)](#). "New Insights on Random Regret Minimization Models". *Transportation Research Part A: Policy and Practice*, 94(0), 91-109.

[Van Cranenburgh, S., Chorus, C.G. & Van Wee, B. \(2014\)](#) "A simulation study on the impacts of high aviation carbon taxes on tourism - an application of a portfolio vacation choice model". *Transportation Research Record: Journal of the Transportation Research Board*, 2449(1), 64-71.

[Chorus, C.G., Van Cranenburgh, S. & Dekker, T. \(2014\)](#). "Random regret minimization for consumer choice modeling: Assessment of empirical evidence". *Journal of Business Research*, 67(11), 2428 - 2436.

[Van Cranenburgh, S., Chorus, C. G. & Van Wee, B. \(2014\)](#). “Vacation behaviour under high travel cost conditions - A stated preference of revealed preference approach”. *Tourism Management*, 43(0), 105–118.

[Van Cranenburgh, S., Chorus, C. G. & Van Wee, B. \(2012\)](#). “Substantial Changes and Their Impact on Mobility: A Typology and an Overview of the Literature”. *Transport Reviews* 32(5), 569–597.

*Dissertation*

[Van Cranenburgh, S. \(2013\)](#) Vacation travel behaviour in a very different future. Ph.D. thesis, Delft University of Technology

*Conference papers (peer reviewed, international)*

Van Cranenburgh, S. & Bliemer, M. (2017). “An information theoretic-based method to make big data tiny”. International Conference on transport Survey Methods, Esterel, Canada

Van Cranenburgh, S. & Alwosheel, A. (2017). “Using artificial neural networks to investigate decision-rule heterogeneity”. European Association for Research in Transportation (hEART) Conference, Haifa, Israel

Huang, B., Van Cranenburgh, S. & Chorus, C.G. (2017). “It’s the relativity, stupid! – Testing Weber’s law in utility-based and regret-based models of travel behaviour”. European Association for Research in Transportation (hEART) Conference, Haifa, Israel

Mouter, N. Cabral, M.O., Dekker, T. & Van Cranenburgh, S. (2017). “The valuation of environmental externalities and travel time. A citizen perspective”. European Association for Research in Transportation (hEART) Conference, Haifa, Israel

Van Cranenburgh, S. & Chorus, C. G. (2017). “Does The Decision Rule Matter For Large-Scale Transport Models?”. International Symposium Transportation & Traffic Theory, Evanston, IL, USA

Van Wee, B. & Van Cranenburgh, S. (2017). “Substitutability as a concept to understand travel behaviour and its implications”. BIVÉC, Liege, Belgium.

Van Cranenburgh, S., Rose, J.M., Chorus, C.G. (2017). “On the robustness of efficient experimental designs”. International Choice Modelling Conference, Cape Town, South Africa

Meyerhoff, J., Thiene, M. & Van Cranenburgh, S. (2017) “Beyond a two-way hybrid model: maximize utility or minimize regret, or mix both: or decision rule heterogeneity”. International Choice Modelling Conference, Cape Town, South Africa

Alwosheel, A., Van Cranenburgh S. & Chorus, C.G. (2017). “Artificial neural networks as a means to accommodate decision-rules in choice models”. International Choice Modelling Conference, Cape Town, South Africa

Van Cranenburgh, S., Rose, J.M. & Chorus, C.G. (2016). “How robust are efficient experimental designs towards the underlying decision rule?”. European Association for Research in Transportation (hEART) Conference, Delft, The Netherlands

Van Cranenburgh & Prato, C.G. (2016). “Decision rules and road pricing schemes: evidence of heterogeneity from a route choice experiment?”. European Association for Research in Transportation (hEART) Conference, Delft, The Netherlands

Pudan, B., Van Cranenburgh, & Chorus, C.G. (2016). “Scheduling preferences and optimal departure times for regret minimisers”. European Association for Research in Transportation (hEART) Conference, Delft, The Netherlands

Mouter, N. Van Cranenburgh, & Van Wee (2016). “Do consumers and citizens have different preferences when trading off travel time and safety?”. European Association for Research in Transportation (hEART) Conference, Delft, The Netherlands

Mouter, N. Van Cranenburgh, & Van Wee (2016). “Do consumers and citizens have different preferences: the trade-off between travel time and safety?”. International Transportation Economics Association (ITEA), Santiago, Chile

Van Cranenburgh, S., & Chorus, C.G. (2016). “On the development of a Random Regret Minimization based large-scale transport model”. Triennial Symposium on Transportation Analysis (TRISTAN), Oranjestad, Aruba

Van Cranenburgh, S., & Prato, C.G. (2015). “Omitted attributes in RRM models”. European Association for Research in Transportation (hEART) Conference, Copenhagen, Denmark

Van Cranenburgh, S., & Chorus, C.G. (2015). “Comparing large-scale travel demand models and forecasts: random utility versus random regret”. International Association for Travel Behaviour Research (IATBR), London, UK

Van Cranenburgh, S., Guevara, C.A. & Chorus, C.G. (2015). “The next step in random regret modelling: New insights, new models, new empirical results” (submitted). International Choice Modelling Conference, Texas, US

Dekker, T., Hess, S. & Van Cranenburgh, S. (2015). “Indirect Inference for the application of Random Regret Minimisation model for large-scale travel demand”. Transportation Research Board (TRB), Washington D.C., US

Van Cranenburgh, S., Guevara, C.A. & Chorus, C.G. (2014). “On the scale parameter in random regret minimization models”. European Association for Research in Transportation (hEART) Conference, Leeds, UK

Van Cranenburgh, S., Chorus, C.G. & Dekker, T. (2014). “Towards more behaviourally robust travel demand forecasts”. Innovations in Travel Modeling (ITM) Conference, Baltimore, US

Van Cranenburgh, S., Chorus, C.G. & Van Wee, B. (2014) “A simulation study on the impacts of high aviation carbon taxes on tourism”. Transportation Research Board (TRB), Washington D.C., US

Van Cranenburgh, S. & Chorus, C. G. (2013). A study on bias in logit model estimates caused by self-reported choice sets. International Choice Modelling Conference, 3 July 2013 - 5 July 2013, Sydney, Australia.

*Publications Sander van Cranenburgh*

*Last update 28-03-2018*

Van Cranenburgh, S., Chorus, C.G. & Van Wee, B. (2014) "Travelers' vacation adaptation decisions under substantially changed travel conditions". International Association for Travel Behaviour Research (IATBR), Toronto, Canada