

Talks and posters

- *Group sequential tests (not only) in sensory and consumer studies.* (invited talk)
Seminar series of the Methodology of Educational Sciences Research Group (CMPO), Katholieke Universiteit Leuven, Belgium, December 2, 2024
- *Zum wiederholten Male: Wo ist der Unterschied?* (invited talk)
13th Deutsche Sensoriktage, Fulda, Germany, November 7-8, 2024
- *Group sequential tests in sensory and consumer studies.*
17th Sensometrics – Brighter Data, Paris, France, June 3-6, 2024
- *Equivalence and non-inferiority tests using replicated discrimination and preference data.* (with B. Thomas Carr & Joachim Kunert)
16th Sensometrics (virtual), November 15-17, 2022.
- *Statistiker zwischen Waschmittel, Zahnbürsten und Rasierern.* (invited talk)
Anwenderseminar Faculty of Statistics, TU Dortmund, Germany, October 13, 2022.
- *Work in Progress.* AigoraCast (Podcast). January 11, 2021.
<https://www.aigora.ai/post/michael-meyners-work-in-progress>.
- *Controversy regarding relevance and rigor of Sensometrics for industrial applications.* (invited keynote)
15th Sensometrics (virtual), Stavanger, Norway, October 6-9, 2020.
- *On the applicability of ANOVA models for CATA data.* (poster, with A. Hasted)
15th Sensometrics (virtual), Stavanger, Norway, October 6-9, 2020.
- *Analysis of sensory check-all-that-apply (CATA) data which includes the evaluation of a single ideal product.* (poster, with J. Castura and Y. Tang)
13th Pangborn Sensory Science Symposium, Edinburgh, Scotland (UK), July 28-August 1, 2019.
- *Powerful visualization of product-attribute associations for T-CATA data.* (with Derek Beaton)
14th Sensometrics, Montevideo, Uruguay, April 10-12, 2018.
- *Apples, oranges and other temporal methods.* (invited presentation for a workshop on “An in-depth look into collection and analysis of temporal data: A case study with TDS and TCATA” by G Ares and P Varela)
14th Sensometrics, Montevideo, Uruguay, April 10-12, 2018.
- *Now that I collected temporal sensory data, what can I do with it?* (invited talk)
22nd Biennial International Congress and Exhibition of the South African Association for Food Science & Technology (SAAFoST), Cape Town, South Africa, September 3-6, 2017.

- *Do panelists “monkey-pick” attributes in TDS studies and how relevant is it to know?* (poster, with John Castura)
12th Pangborn Sensory Science Symposium, Providence RI, USA, August 20-24, 2017.
- *Replicated discrimination and preference tests.* (invited talk)
ASTM E18 committee Fall Meeting (“Little Stats Seminar”), Atlanta GA, USA, October 25, 2016.
- *The Analysis of Temporal Check-All-That-Apply (TCATA) data.* (with John Castura)
13th Sensometrics, Brighton, UK, July 26 - 29, 2016.
- *Are RATA questions worth the effort?* (poster, with Leticia Vidal, Gastón Ares, Duncan I. Hadderley, Sara R. Jaeger)
13th Sensometrics, Brighton, UK, July 26 - 29, 2016.
- *Check-All-That-Apply (CATA) and Beyond - Recent Statistical Developments.*
ASA/IMS Spring Research Conference on Statistics in Industry and Technology, Cincinnati OH, USA, May 20-22, 2015.
- *Statistiker zwischen Windeln und Zahnbürsten.* (invited talk)
Dortmunder Tag der Statistik (DOTS) 2015, Dortmund, Germany, February 10, 2015.
- *Testing for differences between impact of attributes in Penalty-Lift-Analysis.*
12th Sensometrics, Chicago IL, USA, July 30 - August 1, 2014.
- *Temporal liking and CATA analysis of TDS data on flavored fresh cheese (workshop presentation).*
12th Sensometrics, Chicago IL, USA, July 30 - August 1, 2014.
- *Existing and new approaches for analysing data from check all that apply questions.* (with John Castura and Tom Carr)
10th Pangborn Sensory Science Symposium, Rio de Janeiro, Brazil, August 11-15, 2013.
- *Equivalence testing using open symmetric intervals – an evaluation.*
11th Sensometrics, Rennes, France, July 10-13, 2012.
- *Panel and panelist performance in studies of Temporal Dominance of Sensations.*
10th Sensometrics, Rotterdam, The Netherlands, July 25-28, 2010.
- *On the design, analysis and interpretation of Temporal Dominance of Sensations data.* (invited keynote)
11^{èmes} Journées Européennes Agro-Industrie et Méthodes Statistiques, Benevento, Italy, February 24-26, 2010.

- *How do panellists use the list of attributes during a Temporal Dominance of Sensations experiment?* (with Antoine Goupil de Bouillé, Nicolas Pineau, Nathalie Martin and Pascal Schlich)
11^{èmes} Journées Européennes Agro-Industrie et Méthodes Statistiques, Benevento, Italy, February 24-26, 2010.
- *Statistical inference for Temporal Dominance of Sensations (TDS) data.* (invited talk)
6th Autumn Symposium of the Research Training Group "Statistical Modelling", Witten, Germany, November 20-21, 2009.
- *Sample size determination for testing the variance compound in a one-way random effects model.*
ENBIS 9, Gothenburg, Sweden, September 20-24, 2009.
- *Consumer associations with a toddlers' product color evaluated by a choose-all-that-apply questionnaire.* (poster, with Pamela Hartwig)
8th Pangborn Sensory Science Symposium, Florence, Italy, July 26-30, 2009.
- *Sample size determination to show satisfactory homogeneity of vitamin dispersion.* (poster, with Stephan Gürtler)
8th Pangborn Sensory Science Symposium, Florence, Italy, July 26-30, 2009.
- *Einführung in Markov-Ketten.*
Technical University of Applied Sciences, Berlin, Germany, July 9, 2009.
- *Inferenz für Temporal Dominance of Sensations (TDS) Daten.*
Technical University of Applied Sciences, Berlin, Germany, July 9, 2009.
- *Equivalency testing.* (invited discussion at mini-symposium)
9th Sensometrics, St. Catharines, Ontario, Kanada, July 20-23, 2008.
- *On the definition of equivalence in Beta-binomial models.*
10^{èmes} Journées Européennes Agro-Industrie et Méthodes Statistiques, Louvain-la-Neuve, Belgium, January 23-25, 2008.
- *Auswertung wiederholter Präferenzprüfungen.*
University of Applied Sciences, Aalen, Germany, November 23, 2007.
- *Die Binomialverteilung und ihre Anwendung.*
University of Applied Sciences, Aalen, Germany, November 23, 2007.
- *Hierarchical Bayesian analysis of true discrimination rates in replicated triangle tests.* (poster, with Kees Duineveld)
7th Pangborn Sensory Science Symposium, Minneapolis, USA, August 12-16, 2007.
- *Optimale statistische Tests.*
University of Applied Sciences, Regensburg, Germany, July 10, 2007.
- *Kurvenintegrale.*
University of Applied Sciences, Regensburg, Germany, July 10, 2007.

- *Biplots und Preference Mapping.*
University of Applied Sciences, Regensburg, Germany, July 10, 2007.
- *Easy and powerful analysis of replicated preference tests using the χ^2 test.*
2nd European Conference on Sensory Science of Food and Beverages, The Hague, The Netherlands, September 26-29, 2006.
- *Proper and improper use and interpretation of Beta-binomial models in the analysis of replicated difference and preference tests.*
8th Sensometrics, Ås, Norway, August 2-4, 2006.
- *Least equivalent allowable differences in equivalence testing.* (poster)
8th Sensometrics, Ås, Norway, August 2-4, 2006.
- *Correcting the QT interval for changes in HR in pre-clinical drug development.*
Joint meeting of the German Region of the International Biometric Society (50th meeting) and the German Association of Epidemiology (DAE, 11th meeting), Heidelberg, Germany, March 16-19, 2004.
- *Nicht-klinische Biostatistik in pharmazeutischer Forschung und Entwicklung – Auf dem Weg zur klinischen Prüfung.* (invited talk)
Berufspraktisches Kolloquium, Department of Statistics, Dortmund University, Germany, November 18, 2003.
- *Ansätze zur Korrektur des QT-Intervalls.*
ECG Colloquium at Boehringer Ingelheim Pharma GmbH & Co. KG, Ingelheim, Germany, November 17, 2003.
- *Ansätze zur Korrektur des QT-Intervalls.*
3rd Biostatistical Colloquium at Boehringer Ingelheim Pharma GmbH & Co. KG, Biberach, Germany, October 6, 2003.
- *Empirical evaluation of approaches to the QT vs. RR relationship in the conscious Labrador dog.* (poster; with Michael Markert, Anja Klumpp, Thomas Trautmann, Volker Krzykalla and Brian Guth)
Safety Pharmacology Society (SPS) 2003 Meeting, Noordwijk aan Zee, The Netherlands, September 29-30, 2003.
- *The design of replicated difference tests.* (with Per Bruun Brockhoff)
5th Pangborn Sensory Science Symposium, Boston, USA, July 20-24, 2003.
- *Statistische Planung und Auswertung von Unterschiedsprüfungen.*
(invited talk)
7th Sensorik Symposium “Zielorientierte Sensorik”, Mainz, Germany, May 6-7, 2003.
- *Statistical methods in sensory science.*
1st Biostatistical Colloquium at Boehringer Ingelheim Pharma GmbH & Co. KG, Biberach, Germany, May 5, 2003.

- *Repeated binomial data in sensometrics: Models, power and variability.*
(with Per Bruun Brockhoff)
25. Symposium i Anvendt Statistik, Frederiksberg C, Denmark, January 27-29, 2003.
- *Multivariate analysis of sensory profiling data.*
Colloquium at Epigenomics, Berlin, Germany, December 13, 2002.
- *Multivariate Analyse sensorischer Daten.*
Colloquium at the Department of Enology, State Teaching and Research Center, Neustadt an der Weinstraße, Germany, December 10, 2002.
- *STATIS - Rationales and statistical properties.*
Colloquium at the Department of Mathematics and Physics, The Royal Veterinary and Agricultural University, Frederiksberg C, Denmark, October 9, 2002.
- *The analysis of sensory profiling data.*
Colloquium at the Department of Dairy and Food Science, The Royal Veterinary and Agricultural University, Frederiksberg C, Denmark, September 25, 2002.
- *Methods to analyse sensory profiling data - a comparison.*
6th Sensometrics, Dortmund, Germany, July 31-August 2, 2002.
- *Relating instrumental and sensory data for German Riesling wines by means of PLS.* (with Anita S. Busch and Ulrich Fischer)
6th Sensometrics, Dortmund, Germany, July 31-August 2, 2002.
- *La théorie des tests multiples pour l'analyse des tests triangulaires répétés.*
(poster)
XXXIV^{èmes} Journées de Statistique, Brussels, Belgium, May 13-17, 2002.
- *On the number of perceivers in a triangle test with replications.*
7^{èmes} Journées Européennes Agro-Industrie et Méthodes Statistiques, Lille, France, January 16-18, 2002.
- *On the applicability of ANOVA for the analysis of sensory data.*
(with J. Kunert and M. Erdbrügge)
7^{èmes} Journées Européennes Agro-Industrie et Méthodes Statistiques, Lille, France, January 16-18, 2002.
- *The proportion of perceivers in discrimination tests.* (granted poster)
4th Pangborn Sensory Science Symposium, Dijon, France, July 22-26, 2001.
- *Analysis of Variance with a large number of zeros in sensory profiling.*
(presentation and poster, with J. Kunert)
4th Pangborn Sensory Science Symposium, Dijon, France, July 22-26, 2001.
- *Methoden zur Auswertung sensorischer Profildaten - ein Vergleich.*
Seminar at the Department of Mathematics, Ruhr-Universität Bochum, Germany, July 5, 2001.

- *Une procédure pour améliorer les résultats de la méthode STATIS.*
XXXIII^{èmes} Journées de Statistique, Nantes, France, May 14-18, 2001.
- *Permutation tests: Are there differences in product liking?* (presentation and poster)
5th Sensometrics, Columbia MO, USA, July 9-11, 2000.
- *Statistik in der Sensorik - Anwendungen und Perspektiven.* (invited talk)
4th Sensorik Symposium "Sensorik 2000", Mainz, Germany, May 17-18, 2000.
- *Modellüberlegungen zum Dreieckstest.*
(with J. Kunert)
45th Biometrisches Kolloquium, Dortmund, Germany, March 16-19, 1999.
- *Comparing Generalized Procrustes Analysis (GPA) and STATIS.*
(with J. Kunert and E.M. Qannari)
4th Sensometrics, Copenhagen, Denmark, August 6-8, 1998.