PSI 2025 CONFERENCE

8 - 11 JUNE 2025

WEMBLEY STADIUM
LONDON

CONFERENCE PROGRAMME

SUNDAY 8 JUNE | Novotel London Wembley

TIME	SESSION/LOCATION	
	Pre-conference Course 1	Pre-conference Course 2
	Wembley 1	Wembley 2
13:00 – 17:00	**Unlocking Insights: Advanced Pooled Analyses Techniques for Clinical Trial Statisticians**	**Adaptive and Complex Innovative Designs across trial phases for accelerated approval**
	Dr. Thomas Debray, Smart Data Analytics and Statistics B.V., The Netherlands *Prof. Tim Friede, University Medical Center Göttingen, Germany* This course provides a comprehensive introduction to pooled analyses of randomized controlled trial (RCT) data, with a focus on methodologies and applications essential for clinical trial statisticians. Pooled analyses provide significant benefits during various stages of drug development, and may help to examine subgroup effects, analyse rare (e.g., adverse) events, and estimate more individualized treatment effects. We will cover statistical techniques for analysing individual participant data (IPD) from multiple trials, with a particular focus on meta-analysis methods that address potential heterogeneity between study populations. To ground these concepts, the course will include applied case studies that demonstrate how IPD meta-analyses enhance the precision and applicability of findings, ultimately supporting more personalized and impactful analyses in clinical research. This course equips statisticians with the expertise to apply advanced meta-analysis techniques to real-world clinical trial data, strengthening their ability to conduct rigorous and meaningful analyses that inform evidence-based decision-making.	*Dr. Thomas Burnett, Lecturer, Department of Mathematical Sciences and Institute for Mathematical Innovation (IMI) University of Bath* *Dr. Ayon Mukherjee, C. Stat, Director Biostatistics, Eli Lilly* *Dr. David Robertson, Senior Research Associate at the MRC Biostatistics Unit, University of Cambridge* *Dr Sofia Villar, MRC Investigator (Programme Leader) at the MRC Biostatistics Unit, University of Cambridge* This course will provide an introduction to the use of adaptive designs across all phases of clinical research, highlighting its evolution, use and how it fits into the various regulatory initiatives such as Project Optimus and the CID programme, with a focus on statistical considerations. These designs are often more efficient, informative and ethical than traditional study designs, but pose specific challenges (both statistical and practical). The course will start with introducing the basics of different types of adaptive design methods and also the concept of Bayesian statistics which is frequently used for many of such designs. We would proceed to discuss the evolution of these designs and what makes them an attractive alternative to traditional clinical trial designs. We would then introduce the CID programme and Project Optimus and discuss how such designs fit into the benefits of such regulatory initiatives and the challenges one can face when practically implementing such designs. During the last part of the course, we will focus on the methods of response adaptive randomization (RAR) and covariate-adjusted response adaptive (CARA) randomization, which has been widely discussed in the literature and also among the regulatory and industry, who have been weighing their usefulness against the operational challenges for their practical use. Following Roberson et al. (2023), we would also discuss the myths and practical challenges of using RAR and CARA methods and explore how such methods can fit within the CID programme of FDA at various phases of clinical research.
19:00 – 22:00	Sunday Welcome Reception at the White Horse Pub, Wembley	

MONDAY 9 JUNE | Wembley Stadium

TIME	SESSION/LOCATION			
08:00 – 09:00	Registration (Pre-Conference session: Introduction for students and new starters – Lizzi Pitt, Jemma Greenin and Oswald Dellimore)			
	Great Hall			
09:00 – 09:30	**Conference Opening Remarks** *Sarah Williams, PSI Conference Chair*			
09:30 – 10:30	**Communicating the magic of maths (PL1)** *Alex Bellos is one of the UK's most celebrated maths communicators. He has sold more than a million books, writes a popular puzzle column in the Guardian and appears regularly on Radio 4. In this talk he will explain what he has learned about communicating maths to different audiences. You will hear stories, see beautiful images and solve some puzzles!* *Chair: Sarah Williams* *Alex Bellos*			
10:30 – 11:00	Refreshment Break in Bobby Moore Room			
	Great Hall	Wembley Suite	Pitch View East	The Arc
11:00 – 12:30	**The Fearless Statistician: Psychological Safety in Drug Development (O002)** *Chair: Lucy Rowell* *Introduction to psychological safety and its relevance to statisticians working in the pharmaceutical Industry - Dirk Klingbiel* *Organizational Approaches to Psychological Safety: Building Inclusive and High-Performing Statistical Teams - Clélia Cahuzac* *Quantifying the costs of a lack of psychological safety - A case series - Anna Wiksten*	**AI/ML SIG: updates and applications (O003)** *Chair: Sam Hadlington* *Predicting with uncertainty - Chris Harbron* *AI Generated Synthetic Control Arms to optimize Clinical Trials- Paola Berchialla and Danila Azzolina* *Explainable AI for Causal Inference and Heterogeneous Treatment Effect Estimation via AI/ML – a conceptual framework for late phase clinical trials - Karl Koechert and Eliana Garcia-Cossio* *Panel Discussion: Sam Hadlington, Chris Harbron, Paola Berchialla,*	**Borrowing Strength or Buying Trouble? Using External Data in Regulatory Context (O006)** *Thinking beyond the norm: how to (fairly) evaluate Bayesian Dynamic Borrowing Designs - Gaëlle Saint-Hilary* *Another form of hybrid trial designs with external information: extrapolation in Paediatrics - Juan Jose Abellan* *Echo of the Past: The Pre-specification Challenge in Hybrid RCTs - Franz König* *Challenges when using external control data for regulatory decision making - Florian Klinglmueller*	**PFDD SIG: How to use PROs in early development (O011)** *Chair: Konstantina Skaltsa* *Devin Peipert* *Alexandra Lauer* *Evgeniya Reshetnyak* *Hot topics: Rachael Lawrance*

	Panel discussion: Justine Rocheon, Dirk Klingbiel, Clélia Cahuzac and Anna Wiksten	*Danila Azzolina, Karl Koechert and Eliana Garcia-Cossio*		
12:30 – 13:30	Lunch in Bobby Moore Room (Career Young Networking Session – Lizzi Pitt, Jemma Greenin and Oswald Dellimore) (Book Club Networking Session – Emma May)			
	Great Hall	Wembley Suite	Pitch View East	The Arc
13:30 – 15:00	**Navigating the Move to Open Source - Effective Strategies for Adoption and Working with Different Software (O010)** *R Adoption & Change Management – a Large CRO Perspective - Martin Brown* *Mastering the Art of Adopting R and Python: Innovative Strategies for Effective Change Management - Mark Bynens* *R you (all) right, SAS? – Replicating statistical results between software - Lyn Taylor and Christina Fillmore*	**Grow your own way (W2)** *Isabelle Smith* *Lucy Rowell*	**SEE-ing the Future: Empowering Health Decisions through Structured Expert Elicitation (O008)** *Chair: Min-Hua Jen* *Roel Straetemans* *Kate Ren* *Christopher Jackson* *Hugo Pedder* *Followed by Q&A*	**CYS** *Powering RCTs for marginal effects with GLMs using prognostic score adjustment (CYS01) - Emilie Hojbjerre-Frandsen* *Is there really any benefit to stratified randomisation in practice? (CYS05) - Pavankumar Bhagat* *Frailty prediction using digital sensor data, an interpretable machine learning approach (CYS06) - Gaizka Pérez* *Reconstructing Individual Patient Level Survival Data from Aggregate Survival Data using a Simulation Approach (CYS07) - Sarwar Mozumder* *Development and Evaluation of a Predictive Ensemble Learning Framework for Breast Cancer Radiotoxicities at 2 Years (CYS08) Samana Bano and Rebecca Boucher*
15:00 – 15:30	Changeover			
	Great Hall	Wembley Suite	Pitch View East	The Arc
15:30 – 16:45	**Causal Inference in clinical trails** *DoubleMLDeep: Estimation of Causal Effects with Multimodal Data (O023) - Martin Spindler*	**Bayesian/Master Protocols** *Bayesian life-course modelling of Alzheimer's Disease progression (O033) - David Lunn*	**Dose Optimisation** *Chair: Ayon Mukherjee*	**CYS 2** *Applying prognostic scoring adjustments to enhance clinical trial*

	Decoding optimal methods in treatment switching: Recommendations from oncology-inspired simulation studies (O027) - Orlando Doehring *Targeted Maximum Likelihood Estimation for Restricted Mean Survival Time in time-to-event data with low event rates: a case study using a previous non-randomised PAS study (O045) - Michael Seath* *Vaccine Efficacy waning estimation and extrapolation using causal inference (O047) - Jyoti Soni and Andrea Callegaro*	*A basket trial design based on constrained hierarchical Bayesian model for latent subgroups (O036) - Atsuki Hashimoto* *Optimizing Paediatric Outcomes: Advanced Bayesian Modelling of Days Without Mechanical Ventilation in Respiratory Trials (O043) - Danila Azzolina*	*Designing a seamless P1/P2a open enrolment CRM dose escalation study (O025) - Elias Laurin Meyer* *Evaluating Early-Stage Oncology Clinical Trials in the Era of Project Optimus: A scoping review (O029) - Anais Andrillon* *A review of innovative seamless phase I/II design in early drug development in Oncology (O030) - Laurence Collette* *The Optimus Journey: FDA-Approved Examples of Dose Optimization in FIH Oncology Trials (O046) - Benoit Sansas*	*efficiency in neurodegenerative diseases (CYS02) - Harry Parr* *Three new methodologies for calculating the effective sample size when performing population adjustment (CYS03) - Landan Zhang* *Context-dependent response-adaptive randomization for continuous endpoints and applications (CYS04) - Luca Rondano* *When to schedule the interim analysis in the presence of missing data? (CYS09) - Neža Dvoršak*
16:45 – 17:00	Refreshment Break in Bobby Moore Room			
	Great Hall			
17:00 – 17:45	**Gone in 45 seconds** *Chairs: Kate Taylor and Tom Burnett*			
	Bobby Moore Room			
17:45 – 18:45	**Poster Session**			
19:30 – 22:00	Monday Night Social at BOXPARK, Wembley *Sponsored by Alira Health*			

TUESDAY 10 JUNE | Wembley Stadium

TIME	SESSION/LOCATION			
08:00 – 08:45	Registration			
	Great Hall			
08:45 – 10:00	**Bridging the Divide: How Academia/Industry collaborations have the power to transform clinical development (PL2)** *In this talk, Jen will talk about her journey from academia to industry, and what she has learnt along the way. She will discuss the differences between academic-run and industry-led clinical trials and what they can learn from each other. As we see a shift towards more innovative and complex clinical trials, it will become increasingly important to foster collaboration between the two groups. And as we see academics wanting to make the move into industry, how can we present ourselves as a viable alternative that is rich in research. The talk will be followed by a panel discussion with other industry speakers.* *Chair: Sue Todd* *Jennifer Visser Rogers* *Panel Discussion: Jackie Carter, Dominic Magirr and Vicky Marriot*			
10:00 – 10:30	Refreshment Break in Bobby Moore Room			
	Great Hall	Wembley Suite	Pitch View East	The Arc
10:30 – 12:00	**Causal inference eSIG: introduction and applications of causal inference methodology in clinical trials (O012)** *Sanne Roels* *Jesper Madsen* *Silvia Noirjean*	**Inclusive Work Cultures: Where Everyone Thrives (W3)** *Addison Barnett* *Emma Crawford* *Ursula Becker* *Nicola Hewson* *Karen Smith*	**Statistical Software Engineering (O004)** *Wilmar Igl* *Pravin Madhavan* *Isaac Gravestock* *Brian Lang*	**Evidence Synthesis for HTA. Squaring the Circle: Bridging Innovation with Application (O007 and O016 combined)** *Lytske Bakker* *Nicky Welton* *Min-Hua Jen* *Gregory Chen & Anders Gorst-Rasmussen* *Keith Abrams*
	Great Hall			
12:00 – 13:00	**Annual General Meeting** *(PSI members only)*			
13:00 – 14:00	Lunch in Bobby Moore Room			
	Great Hall	Wembley Suite	Pitch View East	The Arc

14:00 – 15:30	**Missing data and estimands** *Chair: Jyoti Soni* *Continuous Composite Endpoints: How Bad is Too Bad? (O050) - James Bell* *Estimation for treatment policy strategies with missing data: Introducing retrieved dropout reference-base centred multiple imputation (O040) - Suzi Cro* *How many (multiple) imputations do I need for an important analysis? (O028) - Tim Morris*	**Navigating Difficult Conversations in the Workplace (W1)** *Emma May* *Sam Ruddell* *Katie Thorn*	**Quantitative Decision Making - How Frameworks Could Help You** *Going beyond Probability of Success for Early Development studies (O017) - Trevor Smart* *Quantitative Decision Making: How Frameworks Could Help You (O005) - Gustaf Rydevik and Nima Shariati* *Decision-Making Criteria and Methods for Initiating Late-Stage Clinical Trials from a Multi-Stakeholder Perspective: A Scoping Review (O019) - Julien Tanniou*	**New investigations regarding improved assessment of Treatment Effect Heterogeneity in clinical trials; Bayesian Shrinkage and Enrichment strategies (O001)** *Chair: David Svensson* *Björn Bornkamp* *Marie-Karelle Riviere* *Wilmar Igl*
15:30 – 16:00	Refreshment Break in Bobby Moore Room			
	Great Hall			
16:00 – 17:30	**Regulatory Hot topics session (PL3)** ***Bayesian concept paper topic*** *Chair: Tobias Muetze* *Peter Van de Ven* *Nicky Best* ***ICH E20 topic*** *Chair: Jürgen Hummel* *Armin Koch* *Frank Bretz* *Khadija Rantell*			
	Bobby Moore Room			
19:30 – 20:00	Drinks Reception			
	Great Hall			
20:00 – 01:00	Gala Dinner *Sponsored by Coronado Research*			

WEDNESDAY 11 JUNE | Wembley Stadium

TIME	SESSION/LOCATION			
08:00 – 09:45	Registration			
	Great Hall	Wembley Suite	Pitch View East	The Arc
09:45 – 10:45	**TED** *A multi-arm multi-stage design for trials with no control arm and all pairwise testing (T001) - Peter Greenstreet* *The Role of Response Adaptive Randomization in Non-inferiority Oncology Trials (T011) - Maria Vittoria Chiaruttini* *(Sample) size matters! – demonstrating sample size calculations across software (T004) - Agnieszka Tomczyk and Lyn Taylor* *Frequentists United: A Safe Space for Embracing Bayes (T003) - Patrik Atkinson* *Biostatistical Challenges in Medical Device Clinical Trials - newly founded Special Interest Group Medical Devices (T012) - Michael Mader*	**Successful Use of Bayesian Dynamic Borrowing Methods in Regulatory Settings (O051)** *The GSK Biostatistics team has successfully used Bayesian Dynamic Borrowing (BDB) in a commercial setting, which allows for the re-use of external data, synthesising new and existing data to increase efficiency whilst maintaining rigorous standards for regulatory decision making.* *The judging panel was impressed by the culmination of years of work invested in this project – starting with the development and publication of innovative methodology, followed by diligent efforts to communicate this methodology to regulators and stakeholders. The acceptance of Bayesian approaches by regulators is a big step forward, widely acknowledged within the industry and beyond.* *The award presentation took place at the PSI annual conference in Amsterdam, where Nicky Best and Andrea Callegaro collected the award on behalf of the Biostatistics team.* *Nicky Best, Andrea Callegaro, Dawn Edwards and Jodie Crawford*	**AI / Machine Learning** *Predicting the probability of clinical trials success from AI-based approaches using multimodal data (O032) - Nils Ternes* *Enhancing Treatment Effect Estimation in Clinical Trials using Machine Learning: A Within-Study Prognostic Score Approach (O038) - Antigoni Elefsinioti* *Application of causal inference to identify determinants of seizure reduction and quality of life in patients with Lennox-Gastaut syndrome (LGS), Dravet syndrome (DS), and tuberous sclerosis complex (TSC) treated with cannabidiol (CBD) (O048) - Teresa Greco*	**Rare diseases and special populations** *Chair: Sue Todd* *INVENTS: Going Beyond Conventional RCTs for Rare and Paediatric Diseases – Insights from Year 1 of the European Collaboration (O022) - Marcus Elze* *Statistical Challenges in Health Technology Assessment (HTA) for Rare Diseases (O042) - Samadhan Ghubade* *Randomization-based Inference for MCP-Mod (O037) - Lukas Pin*
10:45 – 11:00	Changeover			

	Great Hall	Wembley Suite	Pitch View East	The Arc
11:00 – 12:30	**Marginal Estimands and Estimation with Covariate Adjustment for TTE Endpoints (O014)** *Sarwar Mozumder* *David Wright* *Rhian Daniel* *Dominic Magirr* *Sanne Roels* *Tim Morris*	**Patient preference studies** *Chair: Conny Berlin* *Published patient preference studies can influence the choice of endpoints in clinical trials: An example from Atopic Dermatitis (O018) – Byron Jones* *Assessing the Readiness of the Patient Preference Study Landscape for Meta-Analyses and Benefit Transfers: Do We Always Need a New Preference Study (O021) - Michael Bui* *Enhancing Generalizability in Patient Preference Studies: Addressing Sample Skewness in the associated Covariate Distribution (O020) - Divya Mohan* *Patient Preferences in Clinical Trials, Challenges and Opportunities (O013) - Cecilia Jimenez Moreno*	**Advances in pediatric extrapolation (O015)** *Chair: Foteini Strimenopoulou* *Introduction of the session objectives and presenters - Foteini Strimenopoulou* *Expert elicitation for pre-specification of priors in pediatric extrapolation studies: from one-parameter to multi-parameter scenarios - Christian Stock* *The role of modelling and simulation in accelerating pediatric clinical development: A case study on pJIA pediatric extrapolation - Rocío Lledó-García* *Developing Treatments for Rare Pediatric Diseases Using Bayesian Extrapolation - Björn Bornkamp* *Title TBC - Andrew Thomson*	**Future-proofing healthcare beyond today for tomorrow's medicines with advancement in benefit-risk assessments (BRA) (O009)** *Chair: Marco Boeri* *Shahrul Mt-Isa* *Ursula Garczarek* *Naomi Givens* *Pavel Mozgunov*
12:30 – 13:30	Lunch in Bobby Moore Room			
	Great Hall	Wembley Suite	Pitch View East	The Arc
13:30 – 14:30	**Leadership TED** *How to be wrong (T006) - Simon Cleall* *Stepping into leadership: How will I manage? (T002) - Catherine Dixon* *Enhancing Cross-functional Partnership in Early Oncology Clinical Development: A Practical Guide for Biostatisticians (T008) - Laura Barker*	**Use of external data to improve clinical trials** *Chair: Jyoti Soni* *Steps in using healthcare systems data as outcome data in clinical trials (O024) - Sharon Love* *Why Accurate Time to response prediction matters? (O026) - Donia Skanji* *Survival of the Fittest: Digitising Survival Data for Enhanced Decision-Making in Clinical Trials*	**Estimands: Methods, theory and case studies** *Sample size calculation for estimands and the impact of intercurrent events on power (O039) - Thomas Drury* *How Do Meta-Analyses Handle Treatment Switching? A Systematic Review (O041) - Rebecca Metcalfe* *Determining the non-inferiority margin in light of the ICH E9(R1) estimand framework (O034) - Sunita Rehal*	**Bayesian Dynamic Borrowing** *Unexpected results and challenges when using mixture priors for Bayesian borrowing (O031) - Darren Scott* *Non-monotonic power in Bayesian dynamic borrowing: insights and practical remedies (O035) - Gianmarco Caruso* *Biased borrowing or borrowing bias? Leveraging Bayesian borrowing and quantitative bias analysis for robust*

	Trust actually: Building teams that love to work together (T007) - Zainab Walsh *Building High-Performing Teams: Leadership Strategies for Navigating Change and Driving Growth(T010) - Aga Rasinska* *Trust: The Backbone of Leadership (T005) - Alun Bedding*	*(O044)- James Sykes and Nelson Kinnersley*		*comparative effectiveness insights (O049) - Grace Hsu*
14:30 – 15:00	Refreshment Break in Bobby Moore Room			
	Great Hall			
15:00 – 16:00	**EU HTA: readying ourselves for the road to 2025 and beyond (PL4)**			
16:00 – 16:15	**Closing Remarks** *David Wright, PSI Board of Directors Chair*			

MONDAY 9 JUNE | POSTER SESSION | 17:45 – 18:45

Poster ID	Title	Presenting Author
P001	Using a Poisson Mixed-Effects Model to Improve Detection of Underreporting and Overreporting of Adverse Events in Multicentre Clinical Trials	Lawson Wang
P002	Adaptive design of clinical trials with delayed treatment effects using elicited prior distributions	James Salsbury
P003	Optimising graph-based multiple testing procedures by incorporating clinical considerations into flexible power objectives for FWER control	Alex Spiers
P004	Enhancing Clustering Quality Through the Integration of Missing Data Patterns: A Hierarchical Approach	Berit Hunsdieck
P005	Empirical aspects of MCPMod for Time to Event with Bayesian Borrowing	Erik Hermansson
P006	Project Optimus: A generalised Bayesian analytical framework for multi-endpoint dose optimisation	Miguel Pereira
P007	A basket trial design for dose optimization using Bayesian model averaging	Belay Birlie Yimer
P008	SISAQOL-IMI Recommendations: Statistical Considerations for Advancing PRO Analysis for Cancer Clinical Trials	Michael Schlichting
P009	An Alternative Estimand for Overall Survival in the Presence of Treatment Discontinuation: Simulation Results and Case Study	Kara-Louise Royle
P010	Assessing the Effects of Additional Investment in Earlier Phase Trials to Enhance Overall Program Probability of Success Through Informed Priors	Valeria Mazzanti
P011	PolyMAIC: Retain more of your hard-earnt clinical trial information	Jason Wilson
P012	A modelling strategy for the dose-escalation Phase I trials with a large number of combination-schedules	Weishi Chen
P013	On the use of the intraclass correlation coefficient for validation of count data endpoints in clinical trials	Antonio Rodríguez
P014	Targeted Maximum Likelihood Estimation for covariate adjustment in a Phase 3 randomized controlled study	Michael Seath
P015	Optimizing Clinical trials	Tom Parke
P016	Integrating Synthetic Data and AI in Paediatric Intensive Care Clinical Trials: A Bayesian Framework for Ethical and Scientific Advancement	Danila Azzolina
P017	Collaborative initiative for joint modelling of clinical, biomarker, and pharmacometrics data for dose and schedule optimization in an oncology phase-1 clinical trial	Federico Rotolo
P018	Enhancing Ulcerative Colitis Clinical Trials: A Cost-Efficient Umbrella (Proof-of-Concept) Study Design Leveraging Historical Data	Alexia Kakourou
P019	From Classroom to Clinical Trials: How PSI is inspiring the next generation of statisticians	Katie Law

P020	Navigating Non-Randomized Data in Health Technology Assessments in light of the EU HTA - complexities and solutions	Mona Bierl
P021	Multivariate signature modelling of itch outcomes in primary biliary cholangitis	Jasna Cotic
P022	Diversifying Clinical Trials with Adaptive Targeted Maximum Likelihood Estimation (A-TMLE): A Data Fusion Approach for Real-World Evidence	Rachael Phillips
P023	Sample Size Re-estimation: Exploding the Myths	Christopher Jennison
P024	Streamlining clinical trial data visualisation and reporting: a Python and R hybrid solution	Miguel Pereira
P025	Ordering Treatments Under Uncertainty	Justin Chumbley
P026	Population Adjustment for Indirect Comparisons: Making Apples and Oranges Play Nice	Sarah Robson
P027	Improving Model Accuracy for Skewed Data: A Depression Trial Example	Mohd Rashid Khan
P028	Hurricanes, Elections and Clinical Trials: Some novel approaches to visualising uncertainty.	Steve Mallett
P029	Adaptive group sequential designs with constraints on the information fraction	Fredrik Öhrn
P030	The Underlap Coefficient: A Novel Alternative to ROC-Based Summary Measures for Evaluating Biomarkers' Discriminatory Ability in Multi-Class Settings	Zhaoxi Zhang
P031	Introducing {verifyr2}: An R package for accelerating clinical study output review process	Anna Wiksten
P032	Potential applications of the principal stratum strategy in PRO endpoints	Konstantina Skaltsa
P033	Mind the EGAP: Using the Evidence Generation Analysis Plan to coordinate analyses that are outside the scope of existing analysis plans	Katy White
P034	ePRO for primary endpoints?	Barbara Arch
P035	Exploring PSI's Introduction to Industry Training (ITIT) Course: Benefits for Participants and Hosts	Sam Ruddell
P036	Conducting Efficient Clinical Trials in Immuno-oncology: Insights from Seven Years of the Morpheus Platform Trial	Clelia Cahuzac
P037	Enhancing Precision in Subgroup Analyses Using Bayesian Shrinkage Estimation: A Case Study	Dawn Edwards
P038	Evaluating External Control Feasibility for an Investigational Therapy in a Neuromuscular Disorder: A Simulation Study	Robbie Peck
P039	Investigating Causal Effects in Survival Analysis: How Adjustment Methods Shape Treatment Estimates	Frederikke Agerbo Modin
P040	Proof of target engagement in phase 1 trials with MCP-Mod	Valeria Bonapersona
P041	Machine Learning in Precision Medicine: A Collaborative Approach	Laura Schlieker

P042	Championing Diversity and Inclusion: PSI's New DE&I Working Group	Justyna Mlynarczyk
P043	Survival odds in risk heterogeneous populations	Robin Myte
P044	Apprentice Statistician: Maximising our potential significance	Sarah Crossley
P045	Sample size calculation for estimands with time-to-event variables	Daniel Bratton
P046	The Curious Case of External Controlled Arms (ECA): Application to a Randomized Controlled Trial in Alzheimer’s Disease	Flaminia Chiesa
P047	Optimal utility-based design of phase II/phase III programmes with different type of endpoints in the setting of multiple myeloma	Haotian Wang
P048	Standardising Sensitivity Analysis in Clinical Trials - A Tipping Point Approach	Nicolas Dubois
P049	Open-source modular approach to Safety Visualization, Monitoring, Review and Analysis	Matthias Trampisch
P050	Litmusverse: An Open-Source Suite for Comprehensive Assessment of R Package Quality	Pedro Silva
P051	(Almost) One Million Ways to Define Change – Analysing PROs in the EU-HTA Context	Jens Oldeland
P053	A Bayesian precision-medicine decision framework for pursuing biologically plausible predictive biomarkers in early clinical development — a pivot towards risk-benefit analysis when false negatives matter as much as false positives	Mathias Cardner
P054	Calculating conditional power under non-proportional hazards	Michael Grayling
P055	Exact Matching as an Alternative to Propensity Score Matching	Ekkehard Glimm
P056	Two-Missed Visit Censoring Rule in Oncology Trials: Robust Strategy or Bias Amplifier?	Michael Sweeting
P057	“Measurement Error-Free” Analysis of Clinical Trial Data using Structural Equation Modelling	Piper Fromy
P058	Semantic similarity-based Bayesian borrowing for quantitative safety signal detection in spontaneous reporting systems	François Haguinet
P059	Leveraging real-world evidence and data pooling for a comprehensive analysis of the patient journey in a rare disease	Fern Hughes
P060	Allocation Ratios Achieving Maximal Power in Controlled Experiments: Implications for Randomization in Two-Arm, Umbrella and Platform Trials	Peter Jacko