



S⁴ Conference Programme

Small Sample Size Solutions

Day 1 – Monday March 5		
9:00	Registration pre-conference workshop 1	
9:30	Rens van de Schoot pre-conference workshop – part 1	<i>Gentle Introduction to Bayesian Analysis with Small Samples</i>
11:00	Coffee and Tea Break	
11:20	Rens van de Schoot pre-conference workshop - part 2	<i>Gentle Introduction to Bayesian Analysis with Small Samples</i>
12:30	Lunch	
13:00	Registration pre-conference workshop 2	
13:30	Milica Miočević pre-conference workshop – part 1	<i>Mediation Analysis with Small Samples</i>
15:00	Coffee and Tea Break	
15:20	Milica Miočević pre-conference workshop – part 2	<i>Mediation Analysis with Small Samples</i>
16:30	Conclusions day 1 and pre-conference workshops	





Day 2 – Tuesday March 6	
8:30	Registration
9:00	Opening by Rens van de Schoot
9:10	Marija Maric <i>When less is more: Single-case research in youth clinical practice</i>
10:00	Laslo Vincze <i>Problems with power in a mixed ANOVA</i>
10:20	Alan Johnson <i>Ring out the old, Ring in the new: Field Research Designs for New Venture Teams using S4</i>
10:40	Lucy Busija <i>When less is not more: Trials and tribulations of achieving the required sample size in a 'real-world' cluster RCT</i>
11:00	Coffee and Tea Break
11:30	Xynthia Kavelaars <i>Going multivariate in clinical trial studies: Increasing efficiency using Bayesian adaptive methods for information sharing</i>
11:50	Fayette Klaassen <i>All for one or some for all? Bayesian evaluation of multiple N=1 hypotheses</i>
12:10	Kimberley Lek <i>Extreme survival guide: what to do with a single person and few observations?</i>
12:30	Lunch and poster round 1
13:30	Patrick Onghena <i>One by one: The design and analysis of replicated randomized single-case experiments</i>
14:20	Ana Slavec <i>Determining the number of replicates in experimental studies with wood samples: how low can we go?</i>
14:40	Martina McMenamin <i>Improving the efficiency of rare disease trials using composite endpoints</i>
15:00	Coffee and Tea Break
15:30	Tina Nane <i>In and out of sample validation for structured expert judgment – a small sample size analysis</i>
15:50	Leonard Vanbrabant <i>Sample-size reduction by order constraints</i>
16:10	Herbert Hoijtink <i>Small Data is Becoming a Bigger Challenge</i>
16:50	Conclusions day 2 by Milica Miočević
17:00	Drinks (included)
17:30	Dinner (registration is required)





Day 3 – Wednesday March 7	
9:00	Doors open
9:30	Todd Little <i>On the Merits of Parceling</i>
10:20	Jan de Neve <i>Regression models for rank tests when samples are small</i>
10:40	Sanne Smid <i>Bayesian SEM with Informative Priors: Precautions and Guidelines</i>
11:00	Coffee and Tea Break
11:30	Marielle Zondervan <i>Searching prior information to solve small sample size issues in SEM</i>
11:50	Marthe Egberts & Duco Veen <i>Increasing power of statistical analyses through collaboration</i>
12:10	Duco Veen & Maartje de Klerk <i>Improving the Assessment of Individual Phoneme Discrimination Performance</i>
12:30	Lunch and poster round 2
13:30	Diana Zavala-Rojas <i>Bayesian Estimation of the True Score Multitrait–Multimethod Model with a Split-Ballot Design</i>
13:50	Sara van Erp <i>Shrinkage priors for Bayesian penalized regression: An overview and tutorial using Stan</i>
14:10	Caspar van Lissa <i>MetaForest: Exploring heterogeneity in meta-analysis using insights from machine learning.</i>
14:30	Coffee and Tea Break
15:00	Yves Rosseel <i>Small Sample Solutions for SEM</i>
15:50	Joop Hox <i>Small Data At Any Level? Problems and Solutions</i>
16:40	Young Researcher Award ceremony
16:45	End day 3



S⁴ Small Sample Size Solutions



Day 4 – Thursday March 8			
9:00	Registration post-conference workshop 1		
9:30	<table border="1"> <tr> <td>Joop Hox post-conference workshop part 1</td> <td><i>Multilevel Modeling with Small Samples</i></td> </tr> </table>	Joop Hox post-conference workshop part 1	<i>Multilevel Modeling with Small Samples</i>
Joop Hox post-conference workshop part 1	<i>Multilevel Modeling with Small Samples</i>		
11:00	<i>Coffee and Tea Break</i>		
11:20	<table border="1"> <tr> <td>Joop Hox post-conference workshop part 2</td> <td><i>Multilevel Modeling with Small Samples</i></td> </tr> </table>	Joop Hox post-conference workshop part 2	<i>Multilevel Modeling with Small Samples</i>
Joop Hox post-conference workshop part 2	<i>Multilevel Modeling with Small Samples</i>		
12:30	<i>Lunch</i>		
13:30	Registration post-conference workshop 2		
13:30	<table border="1"> <tr> <td>Rens van de Schoot post-conference workshop part 1</td> <td><i>Latent Growth Curve Modeling with Small Samples</i></td> </tr> </table>	Rens van de Schoot post-conference workshop part 1	<i>Latent Growth Curve Modeling with Small Samples</i>
Rens van de Schoot post-conference workshop part 1	<i>Latent Growth Curve Modeling with Small Samples</i>		
15:00	<i>Coffee and Tea Break</i>		
15:20	<table border="1"> <tr> <td>Rens van de Schoot post-conference workshop part 2</td> <td><i>Latent Growth Curve Modeling with Small Samples</i></td> </tr> </table>	Rens van de Schoot post-conference workshop part 2	<i>Latent Growth Curve Modeling with Small Samples</i>
Rens van de Schoot post-conference workshop part 2	<i>Latent Growth Curve Modeling with Small Samples</i>		
16:30	Conclusions day 4 and post-conference workshops		

