Design and Analysis of Replication Studies

Tutorial: January 22nd, 2020, afternoon
Workshop: January 23-24, 2020

Final schedule

Wednesday 22.1. @ Hirschengraben 82, room HIT H 03

13:00 - 16:00	Charlotte Micheloud, Samuel Pawel, Leonhard Held
	Tutorial on the R package ReplicationSuccess
18:00	Get together, location tba

Thursday 23.1. @ Rämistrasse 71, room KOL F 104

Chair	**Leonhard Held**	
9:00 - 9:05	Leonhard Held	Welcome
9:05 - 9:50	Stephen Senn	What should we “expect” from reproducibility?
9:50 - 10:20	Werner Stahel	When is a replication successful? No p-values, please.
10:20 - 10:50	**Coffee Break**	
Chair	**Don van Ravenzwaaij**	
10:50 - 11:35	Erik W. van Zwet	Shrinkage for reproducible research
11:35 - 12:05	Filip Melinscak	The role of replication studies in navigating epistemic landscapes
12:05 - 13:30	**Lunch Break**	
Chair	**Robert Matthews**	
13:30 - 14:00	Johannes Ullrich	Replicability as generalizability: Revisiting external validity with specification curve analysis.
14:00 - 14:30	Florian Frommlet	Experimental replications in animal trials
14:30 - 15:00	Meggie Danziger	Identifying boundary conditions in confirmatory preclinical animal studies to increase value and foster translation

15:00 - 15:30	**Coffee Break**	
Chair	**Stephen Senn**	
15:30 - 16:15	Don van Ravenzwaaij	Evaluating statistical evidence in biomedical research, meta-studies, and radical randomization
16:15 - 17:00	Leonhard Held	The harmonic mean chi-squared test to substantiate scientific findings

Friday 24.1. @ Rämistrasse 71, room KOL F 104

Chair	**Felix Schönbrodt**	
9:00 - 9:45	Eric-Jan Wagenmakers	The replication Bayes factor and beyond
9:45 - 10:15	Guido Consonni	Sceptical Bayes factor priors for the analysis of replication studies
10:15 - 10:45	**Coffee Break**	
Chair	**Erik W. van Zwet**	
10:45 - 11:15	Anna Dreber	Predicting scientific results using surveys and prediction markets.
11:15 - 12:00	Samuel Pawel	Probabilistic forecasting of replication studies
12:00 - 13:30	**Lunch Break**	
Chair	**E.-J. Wagenmakers**	
13:30 - 14:15	Judith ter Schure	A novel approach to meta-analysis testing under heterogeneity
14:15 - 14:45	Felix Schönbrodt	Efficient designs under uncertainty: Guarantee compelling evidence with sequential Bayes factor designs
14:45 - 15:15	**Coffee break**	
Chair	**Leonhard Held**	
15:15 - 16:00	Robert Matthews	You can lead horses to water - but how do you make them drink?