

Dr. Nathaniel David Phillips

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OBJECTIVE	Use data, modelling, and visualisations to solve problems, generate insights, make predictions, and tell compelling stories.
EDUCATION	Ph.D. Experimental Psychology , University of Basel Oct 2011 – Sep 2014 M.S. Experimental Psychology , Ohio University Aug 2006 – Sep 2011 B.A. Mathematics , Grinnell College, Iowa Jul 2001 – Jun 2005
EXPERIENCE	Co-Founder . BaselRBootcamp, Basel, Switzerland. Aug 2017 – Present Researcher . University of Basel, Switzerland. Feb 2016 – Present Statistical Programming Analyst , Roche, Basel, Switzerland. May 2017 – Sep 2017 Post-Doctoral Researcher . University of Konstanz, Germany. Sep 2014 – Jan 2016 Doctoral Researcher . MPI for Human Development, Berlin. May 2012 – Sep 2014 Marketing Statistician , Musicians Friend, Oregon, USA. Jul 2005 – Jul 2006
PUBLICATIONS (SELECTED)	Phillips, N. D. (2017). YaRrr! The Pirate’s Guide to R. <i>APS Observer</i> , 30.3. Phillips, N. D., Neth, H., Woike, J., & Gaissmaier W. (2017). FFTrees: A toolbox to create, visualise, and evaluate fast-and-frugal decision trees. <i>Judgment and Decision Making</i> , 12(4), 344-368. Hintze, A., Phillips, N., & Hertwig, R. (2015). The Janus face of Darwinian competition. <i>Scientific Reports</i> , 5. Phillips, N. D., Hertwig, R., Kareev, Y., & Avrahami J. (2014). Rivals in the dark: How competition influences search in decisions under uncertainty. <i>Cognition</i> , 133(1), 104-119. Gonzalez-Vallejo, C., Cheng, J., Phillips, N. D., Chimeli, J., Bellezza, F., Harman, J., & Lindberg, M. J. (2013). Early positive information impacts final evaluations [...] <i>Journal of Behavioral Decision Making</i> , 27(3), 209-225.
BOOK AND R PACKAGES ON CRAN	YaRrr! The Pirate’s Guide to R: http://www.thepiratesguidetor.com yarr: Create pirateplots and conduct R piracy FFTrees: Create, visualise, and compare fast-and-frugal decision trees
INVITED TALKS (SELECTED)	INFORMS (Houston, 2017), useR! (Brussels, 2017), University of Zuerich (Department of Economics, 2016), Society for Probability, Utility and Decision Making (Haifa, 2017; Budapest, 2015; Barcelona, 2013; Kingston, 2011), Society for Judgment and Decision Making (Minneapolis, 2012; Seattle, 2011; St. Louis, 2010), Society for Mathematical Psychology (Potsdam, 2013; Boston, 2016).
TEACHING	Data analysis and visualization in R. Information search and adaptive decision making. Research methods. Intermediate statistics for the social sciences.
ANALYTICAL SKILLS	General linear model (hypothesis testing, regression), heirarchical Bayesian modelling, cognitive modelling, reinforcement learning, decision trees, multivariate statistics, simulation, heuristics.
PROGRAMMING	R, \LaTeX , Git, STAN, HTML, SPSS, Excel.
WEBSITES	Personal Homepage : http://ndphillips.github.io GitHub : https://github.com/ndphillips Research Gate : http://goo.gl/7fzUaG Google Scholar : http://goo.gl/di3mI3 LinkedIn : https://www.linkedin.com/in/nathanieldphillips BaselRBootcamp : https://therbootcamp.github.io