

# Dr. Nathaniel David Phillips

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<b>OBJECTIVE</b>	Use data, analytics, and visualisations to solve problems, generate insights, make predictions, and tell compelling stories.	
<b>EDUCATION</b>	<b>Ph.D. Experimental Psychology</b> , University of Basel	Oct 2011 – Sep 2014
	Decision making, wisdom of crowds, reinforcement learning	
	<b>M.S. Experimental Psychology</b> , Ohio University	Aug 2006 – Sep 2011
	<b>B.A. Mathematics</b> , Grinnell College, Iowa	Jul 2001 – Jun 2005
<b>RESEARCH EXPERIENCE</b>	<b>University of Basel</b> : Researcher.	Feb 2016 – Present
	<b>University of Konstanz</b> : Post-Doctoral Researcher.	Sep 2014 – Jan 2016
	<b>Max Planck Institute for Human Development</b> : Doctoral Researcher.	May 2012 – Sep 2014
<b>WORK EXPERIENCE</b>	<b>Statistical Programming Analyst</b> , Roche, Basel, Switzerland	May 2017 – Sep 2017
	Created visualizations of patient reported outcome data for clinical trials	
	<b>Marketing Statistician</b> , Musicians Friend, Medford, Oregon, USA	Jul 2005 – Jul 2006
	Segmented customers and predicted future sales. Tested marketing campaigns.	
<b>PUBLICATIONS (SELECTED)</b>	Phillips, N. D., Neth, H., Woike, J., & Gaissmaier, W. (in press). FFTrees: A toolbox to create, visualise, and evaluate fast-and-frugal decision trees <i>Judgment and Decision Making</i>	
	Phillips, N. D. (2017). YaRrr! The Pirate's Guide to R. <i>APS Observer</i> , 30.3.	
	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.	
	Gonzalez-Vallejo, C., & Phillips, N. D. (2010). Predicting soccer matches: A reassessment of the benefits of unconscious thinking. <i>Judgment and Decision Making</i> , 5(3), 200-206.	
<b>BOOK AND R PACKAGES ON CRAN</b>	FFTrees: Create, visualize, and compare fast and frugal decision trees	
	yarr: Create pirateplots and conduct R piracy	
	YaRrr! The Pirate's Guide to R – pre-publication ebook: <a href="http://www.thepiratesguidetor.com">http://www.thepiratesguidetor.com</a>	
<b>INVITED TALKS (SELECTED)</b>	Subjective Probability, Utility and Decision Making (Budapest, 2015; Barcelona, 2013; Kingston, 2011) Judgement and Decision Making (Minneapolis, 2012; Seattle, 2011; St. Louis, 2010) Mathematical Psychology (Potsdam, 2013; Boston, 2016)	
<b>TEACHING</b>	Data analysis and visualization in R. Information search and decision making. Research methods. Statistics for the social sciences.	
<b>ANALYTIC SKILLS</b>	General linear model (hypothesis testing, regression), heirarchical Bayesian modelling, cognitive modelling, decision trees, reinforcement learning, multivariate statistics	
<b>PROGRAMMING SKILLS</b>	R, STAN, C++, Shiny, Python, L <sup>A</sup> T <sub>E</sub> X, HTML, JavaScript, SPSS, Excel	
<b>WEBSITES</b>	<b>Personal Homepage</b> : <a href="http://ndphillips.github.io">http://ndphillips.github.io</a> , <b>Research Gate</b> : <a href="http://goo.gl/7fzUaG">http://goo.gl/7fzUaG</a> , <b>Google Scholar</b> : <a href="http://goo.gl/di3mI3">http://goo.gl/di3mI3</a> <b>LinkedIn</b> : <a href="https://www.linkedin.com/in/nathanieldphillips">https://www.linkedin.com/in/nathanieldphillips</a>	