Dr. Nathaniel David Phillips

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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
	Statistical Programming Analyst Roche, Basel, Switzerland	May 2017 – Sep 2017
	Researcher Department of Economic Psychology, University of Basel.	Feb 2016 – Present
	Post-Doctoral Researcher Department of Social Psychology and Decision Sciences, University of Konstanz.	Sep 2014 – Jan 2016
	Doctoral Researcher MPI for Human Development, Berlin.	May 2012 – Sep 2014
	Marketing Statistician Musicians Friend, Oregon.	Jul 2005 – Jul 2006

PUBLICATIONS

Phillips, N. D. (2017). YaRrr! The Pirate's Guide to R. *APS Observer, 30.3*.

Phillips, N. D., Neth, H., Woike, J., & Gaissmaier W. (2017). FFTrees: A toolbox to create, visualize, and evaluate fast-and-frugal decision trees. *Judgment and Decision Making, 12*(4), 344-368.

Hintze, A., Phillips, N., & Hertwig, R. (2015). The Janus face of Darwinian competition. *Scientific Reports, 5*.

Phillips, N. D., Hertwig, R., Kareev, Y., & Avrahami J. (2014). Rivals in the dark: How competition influences search in decisions under uncertainty. *Cognition, 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 [...] *Journal of Behavioral Decision Making, 27(3),* 209-225.

Gonzalez-Vallejo, C.,& Phillips, N. D. (2010). Predicting soccer matches: A reassessment of the benefits of unconscious thinking. *Judgment and Decision Making, 5(3),* 200-206.

Lassiter, G. D., Lindberg, M. J., González-Vallejo, C., Bellezza, F. S., & Phillips, N. D. (2009). The deliberation-without-attention effect: Evidence for an artifactual interpretation. *Psychological Science, 20*(6), 671-675.

BOOK AND R PACKAGES ON CRAN

YaRrr! The Pirate's Guide to R: http://www.thepiratesguidetor.com
yarrr: Create pirateplots and conduct R piratery
FFTrees: Create, visualize, and compare fast-and-frugal decision trees

WORKSHOPS TAUGHT

Phillips, Nathaniel D. & Wulff, D. (2017). The BaselRBootcamp. Workshop given at the Advanced Studies Center, Basel, Switzerland.

Phillips, Nathaniel D. (2017). R, the answer to your wildest data dreams (or how to stop worrying and love R). Workshop given at the annual meeting of the psychology PhD association of Switzerland, Schuepfheim, Switzerland.

WORKSHOPS ATTENDED

Annual Meeting of the Early Career Judgment and Decision Making Researchers (JDMx). (2013). Berlin, Germany.

Bayesian Cognitive Modelling Summer School. (2013). Amsterdam, The Netherlands.

Annual Meeting of the Early Career Judgment and Decision Making Researchers (JDMx). (2012). Basel, Switzerland.

Computational Cognitive Modelling Summer School. (2012). Berguen, Switzerland.

The Fate of the Memory Trace: Learning, remembering, and forgetting from molecules to behavior. European Campus of Excellence Summer School. (2011). Bochum, Germany.

PRESENTATIONS   Phillips, Nathaniel D., Neth, Hansjoerg, Woike, J. & Gaissmaier, W. (2017). FFTrees: A toolbox to create, visualize and evaluate fast-and-frugal decision trees. Paper presented at INFORMS, Houston, TX.

Phillips, Nathaniel D., Neth, Hansjoerg, Woike, J. & Gaissmaier, W. (2017). FFTrees: A toolbox to create, visualize and evaluate fast-and-frugal decision trees. Paper presented at useR!, Brussels, Belgium.

Phillips, Nathaniel D., (2017). Simplify your life with R: From sharing and documenting research, to modeling simple decision strategies. Department of Economics, University of Zurich.

Phillips, Nathaniel D., Neth, H., Woike, J., & Gaissmaier, W. (2016). FFTrees: An R package to create and visualize fast-and-frugal decision trees. Poster presented at the Annual meeting of the Society for Judgment and Decision Making, Boston, MA.

Phillips, Nathaniel D., Neth, H., Gaissmaier, W. (2016). Peeks and Keeps: Optional risk decisions from experience. Paper presented at the annual meeting of the German Psychological Society (DGPS), Leipzig, Germany.

Phillips, Nathaniel D., Neth, H., Gaissmaier, W. (2016). Peeks and Keeps: Optional risk decisions from experience. Paper presented at the Annual meeting of the Society for Mathematical Psychology, New Brunswick, New Jersey.

Phillips, Nathaniel D., Neth, H., Gaissmaier, W. (2016). Peeks and Keeps: Optional risk decisions from experience. Paper presented at the Exploring Ignorance Workshop, Konstanz, Germany.

Phillips, Nathaniel D., Herzog, Stefan, Kaemmer, J. & Hertwig, Ralph (2015). Improving the wisdom of the inner crowd, with confidence. Paper presented at the annual meeting of Subjective Probability, Utility, and Decision Making, Budapest, Hungary.

Phillips, Nathaniel D. (2014). How to use the Amazon mturk. ABC cake and tea talk. Max Planck Institute for Human Development, Berlin, Germany

Phillips, Nathaniel D., Hertwig, Ralph., Kareev, Yaakov. & Avrahami, Judith. (2013). Competing in the dark: How competition affects information search and decisions under uncertainty. Paper presented at the annual meeting of the association for Subjective Probability, Utility, and Decision Making. Barcelona.

Phillips, Nathaniel D., Hertwig, Ralph., Kareev, Yaakov. & Avrahami, Judith. (2013). Competing in the dark: How competition affects information search and decisions under uncertainty. Paper presented at the annual meeting of the association for Mathematical Psychology. Potsdam, Germany.

Phillips, Nathaniel D., Hertwig, Ralph., Kareev, Yaakov. & Avrahami, Judith. (2013). Competing in the dark: How competition affects information search and decisions under uncertainty. Paper presented at the annual meeting of the JDM Workshop for Young Researchers. Berlin, Germany.

Phillips, Nathaniel D., Herzog, Stefan & Hertwig, Ralph (2013). Modeling Bayesian inference judgments. Paper presented at the annual meeting of the Tagung experimentell arbeitender Psychologen, Vienna, Austria.

Phillips, Nathaniel D., Herzog, Stefan & Hertwig, Ralph (2012). Contradicting yourself makes you more Bayesian: Averaging non-Bayesian judgments with dialectical bootstrapping improves judgments. Paper presented at the annual meeting of the Society for Judgment and Decision Making, Minneapolis, MN.

Phillips, Nathaniel D., Herzog, S. & Hertwig, R. (2011). Averaging multiple intuitive strategies improves performance in Bayesian estimation tasks: How groups can act (more) Bayesian without being Bayesian. Poster presented at the annual meeting of the Society for Judgment and Decision Making, Seattle, WA.

Phillips, Nathaniel. D., Hertwig, Ralph & Kareev, Yaakov. (2011). Exploring the unknown: Sample allocation in decisions from experience. Paper presented at the annual meeting of the Subjective Probability, Utility, and Decision Making conference, Kingston-upon-Thames, UK.

Phillips, Nathaniel D., Hertwig, Ralph & Kareev, Yaakov. (2011). Modeling search behavior in decisions-from-experience. Paper presented at JDM Young Researchers Conference in Bonn, Germany.

Phillips, Nathaniel D. & Gonzalez-Vallejo, C. (2010). Modeling the joint effects of experiences and descriptions on impressions and choices. Paper presented at the annual meeting of the Society for Judgment and Decision Making, St. Louis, MO.

Phillips, Nathaniel D., Gonzalez-Vallejo, C., Bellezza, F. S., Chimeli, Janna., Harman, J., Lassiter, G. D., & Lindberg, Matthew J. (2007). Testing unconscious thought: Is distraction really a panacea for difficult decisions? Paper presented at the meeting of the Society for Judgment and Decision Making, Long Beach, CA.

SCHOLARSHIPS, TRAVEL AND RESEARCH GRANTS	1,000EUR - Swiss Academy of Humanities and Social Sciences Conference Travel Grant: INFORMS, Houston.	2017
	4,410EUR - University of Konstanz Research project: "The Konstanz Game: Information search and decision making".	2015
	24,000EUR - University of Konstanz Research project: "Adaptive pattern detection and illusory beliefs: Flip-sides of the same coin?" Co-investigator with Wolfgang Gaissmaier and Hansjoerg Neth.	2014
	3,000EUR - European Association for Decision Making Workshop grant for JDM workshop for early career researchers, Berlin, Germany	2013
	$800 - European Campus of Excellence Travel grant for "Fate of the Memory Trace" Summer school, Bochum, Germany	2011
	$6,000 - Ohio University Moates Fellowship, Athens, Ohio	2006 – 2007
TEACHING	Data analysis and visualization in R. University of Basel, University of Konstanz	2014 – 2017
	Information search and adaptive decision making. University of Konstanz	2014 – 2015
	Research methods. Ohio University	2010 – 2011
	Intermediate statistics for the social sciences. Ohio University	2008 – 2011
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	