

37th Annual Meeting of the Cognitive Science Society (CogSci 2015)

Mind, Technology and Society

Pasadena, California, USA
22-25 July 2015

Volume 1 of 4

Editors:

**David C. Noelle
Rick Dale
Anne Warlaumont
Jeff Yoshimi**

**Teenie Matlock
Carolyn Jennings
Paul P. Maglio**

ISBN: 978-1-5108-0955-0

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2015) by the Cognitive Science Society, Inc.
All rights reserved.

Printed by Curran Associates, Inc. (2015)

For permission requests, please contact the Cognitive Science Society, Inc.
at the address below.

Cognitive Science Society, Inc.
University of Texas - Austin
Department of Psychology
1 University Station A8000
Austin, TX 78712-0187

Phone: (512) 471-2030
Fax: (512) 471-3053

cogsci@psy.utexas.edu

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2634
Email: curran@proceedings.com
Web: www.proceedings.com

Table of Contents

Introduction and Acknowledgements	xli
Committees	xliii
Conference and Proceedings Information	xlvi
Conference Awards	liii
Invited Presentations	lvi
Workshops	
<i>Applying for National Science Foundation Funding in Cognitive Science: Cognition, Computation, Development, Education, and Neuroscience</i>	1
Anne Cleary, Hector Avila-Munoz, Evan Heit, Chris Hoadley, Laura Namy, Alumit Ishai, Betty Tuller	
<i>Physical and Social Scene Understanding</i>	3
Tao Gao, Yibiao Zhao, Lap-Fai Yu	
<i>Language & common sense: Integrating across psychology, linguistics, and computer science</i>	5
Joshua Hartshorne, Joshua Tenenbaum	
<i>Evidence Accumulation Modeling: Bayesian Estimation using Differential Evolution</i>	7
Andrew Heathcote, Brandon Turner Turner, Scott Brown	
<i>Workshop on Optimizing Experimental Designs: Theory, Practice, and Applications</i>	9
Jay Myung, Mark Pitt, Maarten Speekenbrink	
Tutorials	
<i>Quantifying the Dynamics of Interpersonal Interaction: A Primer on Cross-Recurrence Quantification Analysis using R</i>	11
Moreno I. Coco, Rick Dale	
<i>Programming online experiments with jsPsych</i>	13
Josh de Leeuw	
<i>Tutorial: Bayesian data analysis</i>	15
John Kruschke	
<i>Full Day Tutorial on Quantum Models of Cognition and Decision</i>	17
Jennifer Trueblood, James Yearsley, Zheng Wang, Jerome Busemeyer	
Symposia	
<i>Connecting learning, memory, and representation in math education</i>	19
Martha Alibali, Chuck Kalish, Timothy Rogers, Christine Massey, Phil Kellman, Vladimir Sloutsky, James L. McClelland, Kevin Mickey	
<i>Causality and Agency Across Cultures and Languages</i>	21
Siegward Beller, Andrea Bender, Jürgen Bohnemeyer, Annelie Rothe-Wulf, York Hagmayer, Rita Astuti	

<i>Communicating Cognitive Science: Improving Awareness and Understanding Among People Who are Not Ourselves</i>	23
Kevin Gluck, Wayne Gray, Marsha Lovett, Art Markman, Jim Spohrer	
<i>Generative and Discriminative Models in Cognitive Science</i>	25
Brad Love, Michael Ramscar, Tom Griffiths, Matt Jones	
<i>Analogical Processes in Language Learning</i>	27
Bozena Pajak, Micah Goldwater, Dedre Gentner, Adele Goldberg, Ruxue Shao	
<i>The Relevance of Alternative Possibilities throughout Cognition</i>	29
Jonathan Phillips, Joshua Knobe, Andrew Shtulman, Charles Kalish, Anne Riggs, Christopher Hitchcock	

Papers

<i>Eye-tracking situated language comprehension: Immediate actor gaze versus recent action events</i> ..	31
Dato Abashidze, Pia Knoeferle, Maria Nella Carminati	
<i>Effect of heaviness on the cognitive evaluation process</i>	37
Keiga Abe	
<i>A Computational Approach to Modelling the Perception of Pitch and Tonality in Music</i>	42
Kat Agres, Carlos Cancino, Maarten Grachten, Stefan Lattner	
<i>Do potential past and future events activate the Lateral Mental Timeline?</i>	48
Roberto Aguirre, Julio Santiago	
<i>A Rational Model for Individual Differences in Preference Choice</i>	54
Sheeraz Ahmad, Angela Yu	
<i>Motion event expressions in language and gesture: Evidence from Persian</i>	60
Niloofer Akhavan, Nazbanou Nozari, Tilbe Goksun	
<i>Daxing with a Dax: Evidence of Productive Lexical Structures in Children</i>	66
Sara Al-Mughairy, Ruthe Foushee, David Barner, Mahesh Srinivasan	
<i>Visuo-Spatial Memory Processing and the Visual Impedance Effect</i>	72
Rebecca Albrecht, Holger Schultheis, Wai-Tat Fu	
<i>Change your Mind: Investigating the Effects of Self-Explanation in the Resolution of Misconceptions</i>	78
Laura Allen, Danielle McNamara, Matthew McCrudden	
<i>Go fishing! Responsibility judgments when cooperation breaks down</i>	84
Kelsey Allen, Julian Jara-Ettinger, Tobias Gerstenberg, Max Kleiman-Weiner, Josh Tenenbaum	
<i>Cognition in reach: continuous statistical inference in optimal motor planning</i>	90
Santiago Alonso-Diaz, Jessica F. Cantlon, Steven T. Piantadosi	
<i>Social Cues Affect Grasping Hysteresis in ASD</i>	96
Joseph Amaral, Heidi Kloos, Veronica Romero, Mike Richardson	
<i>How Grammatical Gender Affects Perspective Taking</i>	102
Elena Andonova, Zornitsa Savcheva, Gergana Todorova	

<i>Teaching Children to Attribute Second-order False Beliefs: A Training Study with Feedback</i>	108
Burcu Arslan, Rineke Verbrugge, Niels Taatgen, Bart Hollebrandse	
<i>The London Underground Diagram as an example of cognitive niche construction</i>	114
Pedro Atã, João Queiroz	
<i>Adults Track Multiple Hypotheses Simultaneously during Word Learning</i>	118
Suzanne Aussems, Paul Vogt	
<i>Applying Pattern-based Classification to Sequences of Gestures</i>	124
Suzanne Aussems, Mingyuan Chu, Sotaro Kita, Menno van Zaanen	
<i>Explaining Injustice in Speech: Individualistic vs. Structural Explanation</i>	130
Saray Ayala, Nadya Vasilyeva	
<i>Does Training of Cognitive and Metacognitive Regulatory Processes Enhance Learning and Deployment of Processes with Hypermedia?</i>	136
Roger Azevedo, Amy Johnson, Candice Burkett	
<i>Landmarks in motion: Unstable entities in route directions</i>	142
Adriana Alexandra Baltaretu, Emiel Krahmer, Alfons Maes	
<i>A dynamic neural field model of self-regulated eye movements during category learning</i>	148
Jordan Barnes, Mark Blair, Paul Tupper, R Calen Walshe	
<i>Moral Dynamics In Everyday Life: How Does Morality Evolve In Time?</i>	154
Albert Barque-Duran, Emmanuel Pothos, James Yearsley, James Hampton	
<i>Improving Science Writing in Research Methods Classes Through Computerized Argument Diagramming</i>	160
Brendan Barstow, Christian Schunn, Lisa Fazio, Mohammad Falakmasir, Kevin Ashley	
<i>Not by number alone: The effect of teachers' knowledge and its value in evaluating "sins of omission"</i>	166
Ilona Bass, Daniel Hawthorne, Noah Goodman, Hyowon Gweon	
<i>Humans predict liquid dynamics using probabilistic simulation</i>	172
Christopher Bates, Peter Battaglia, Ilker Yildirim, Josh Tenenbaum	
<i>The special status of color in pragmatic reasoning: evidence from a language game</i>	178
Peter Baumann	
<i>Folk Judgments of Normality: Part Statistical, Part Evaluative</i>	184
Adam Bear, Joshua Knobe	
<i>Modeling Lexical Acquisition Through Networks</i>	190
Nicole Beckage, Ariel Aguilar, Eliana Colunga	
<i>Predicting a Child's Trajectory of Lexical Acquisition</i>	196
Nicole Beckage, Michael Mozer, Eliana Colunga	
<i>Crowdsourcing elicitation data for semantic typologies</i>	202
Barend Beekhuizen, Suzanne Stevenson	
<i>The Role of Executive Functions for Structure-Mapping in Mathematics</i>	208
Kreshnik Begolli, Lindsey Richland, Susanne Jaeggi	

<i>A model-based theory of omissive causation</i>	214
Paul Bello, Sangeet Khemlani	
<i>A model for full local image interpretation</i>	220
Guy Ben-Yosef, Liav Assif, Daniel Harari, Shimon Ullman	
<i>Extremely costly intensifiers are stronger than quite costly ones</i>	226
Erin Bennett, Noah Goodman	
<i>The Power of the Representativeness Heuristic</i>	232
Sudeep Bhatia	
<i>Constraint-Based Parsing with Distributed Representations</i>	238
Peter Blouw, Chris Elasmith	
<i>Incorporating Background Knowledge into Text Classification</i>	244
Reihane Boghrati, Justin Garten, Aleksandra Litvinova, Morteza Dehghani	
<i>Phonological Neighborhood Density Modulates Errors In Spoken Word Recognition</i>	250
Mona Roxana Botezatu, Jon-Frederick Landrigan, Qi Chen, Daniel Mirman	
<i>Developmental Changes in the Relationship Between Grammar and the Lexicon</i>	256
Mika Braginsky, Daniel Yurovsky, Virginia Marchman, Michael Frank	
<i>Staying afloat on Neurath’s boat – Heuristics for sequential causal learning</i>	262
Neil Bramley, Peter Dayan, David Lagnado	
<i>The Effect of Probability Anchors in Moral Decision Making</i>	268
Chris Brand, Mike Oaksford	
<i>Hybrid-Logical Reasoning in the Smarties and Sally-Anne Tasks: What Goes Wrong When Incorrect Responses are Given?</i>	273
Torben Braüner	
<i>Incremental Object Perception in an Attention-Driven Cognitive Architecture</i>	279
Will Bridewell, Paul Bello	
<i>Minimal Requirements for Productive Compositional Signaling</i>	285
Thomas Brochhagen	
<i>Formalizing Risky Choice with a Logistic Model of Fuzzy Trace Theory</i>	291
David Broniatowski, Valerie Reyna	
<i>Neural Correlates of Purchasing Behavior in the Prefrontal Cortex: An Optical Brain Imaging Study</i>	297
Murat Perit Cakir, Tuna Cakar, Yener Giriskan	
<i>Language evolution in the lab tends toward informative communication</i>	303
Alexandra Carstensen, Jing Xu, Cameron Smith, Terry Regier	
<i>Effectiveness of Learner-Regulated Study Sequence: An in-vivo study in Introductory Psychology course</i>	309
Paulo Carvalho, David Braithwaite, Josh de Leeuw, Benjamin Motz, Rob Goldstone	
<i>The perception of stroke-to-stroke turn boundaries in signed conversation</i>	315
Marisa Casillas, Connie de Vos, Onno Crasborn, Stephen C. Levinson	

<i>Eye Movement Pattern in Face Recognition is Associated with Cognitive Decline in the Elderly</i> ..	321
Cynthia Y.h. Chan, Antoni B. Chan, Tatia M.c. Lee, Janet H. Hsiao	
<i>Eye to I: Males Recognize Own Eye Movements, Females Inhibit Recognition</i>	327
Sanjay Chandrasekharan, Geetanjali Date, Prajakt Pande, Jeenath Rahaman, Rafikh Shaikh, Anveshna Srivastava, Nisheeth Srivastava, Harshit Agrawal	
<i>Chunking in Working Memory and its Relationship to Intelligence</i>	333
Mustapha Chekaf, Nicolas Gauvrit, Alessandro Guida, Fabien Mathy	
<i>Learning and Generalizing Cross-Category Relations Using Hierarchical Distributed Representations</i>	339
Dawn Chen, Hongjing Lu, Keith Holyoak	
<i>Analyzing chunk pauses to measure mathematical competence: Copying equations using ‘centre-click’ interaction.</i>	345
Peter Cheng	
<i>Statements of equivalence can imply differences: Asymmetries in directional comparisons</i>	351
Eleanor Chestnut, Carla Remulla, Ellen Markman	
<i>Probing the mental number line: A between-task analysis of spatial-numerical associations</i>	357
Chi-Ngai Cheung, Vladislav Ayzenberg, Rachel F. L. Diamond, Sami Yousif, Stella F. Lourenco	
<i>Complex Mental Addition and Multiplication Rely More on Visuospatial than Verbal Processing</i> ..	363
Tommy Kwun Leuk Cheung, Janet Hui Wen Hsiao	
<i>Algebraic reasoning in 3- to 5-year-olds</i>	369
Pierina Cheung, Mathieu Le Corre	
<i>Promoting Comprehension of Health Information among Older Adults</i>	375
Jessie Chin, Jessica Johnson, Darcie Moeller, Elise Duwe, James Graumlich, Michael Murray, Elizabeth Stine-Morrow, Daniel Morrow	
<i>Diagrams benefit symbolic problem solving</i>	381
Junyi Chu, Emily Fyfe, Bethany Rittle-Johnson	
<i>The Role of Certainty and Time Delay in Students’ Cheating Decisions during Online Testing</i> ...	387
Chia-Yuan Chuang, Scotty D. Craig, John Femiani	
<i>Hidden Markov model analysis reveals better eye movement strategies in face recognition</i>	393
Tim Chuk, Antoni B. Chan, Janet Hsiao	
<i>Expertise modulates hemispheric asymmetry in holistic processing: Evidence from Chinese character processing</i>	399
Harry K. S. Chung, Jacklyn C. Y. Leung, Janet H. Hsiao	
<i>Incidental Memory for Naturalistic Scenes: Exposure, Semantics, and Encoding</i>	405
Moreno I. Coco, Nicholas Duran	
<i>Are Biases When Making Causal Interventions Related to Biases in Belief Updating?</i>	411
Anna Coenen, Todd Gureckis	
<i>That went over my head: Constraints on the visual vocabulary of comics</i>	417
Neil Cohn, Beena Murthy	

<i>The Bi-directional Relationship Between Source Characteristics and Message Content</i>	423
Peter Collins, Ulrike Hahn, Yvlva von Gerber, Erik Olsson	
<i>Why Build a Virtual Brain? Large-scale Neural Simulations as Test-bed for Artificial Computing Systems</i>	429
Matteo Colombo	
<i>A Dissociation between Categorization and Similarity to Exemplars</i>	435
Nolan Conaway, Kenneth Kurtz	
<i>More than Meets the Eye: Gesture Changes Thought, even without Visual Feedback</i>	441
Kensy Cooperrider, Elizabeth Wakefield, Susan Goldin-Meadow	
<i>What is Lost in Translation from Visual Graphics to Text for Accessibility</i>	447
Peter Coppin, Peter Coppin	
<i>Reading Words Hurts: The impact of pain sensitivity on people's ratings of pain-related words</i>	453
Erica Cosentino, Markus Werning, Kevin Reuter	
<i>Gesture Production under Instructional Context: The Role of Mode of Instruction</i>	459
Melda Coskun, Cengiz Acartürk	
<i>Time Course of Metaphor Comprehension in the Visual World</i>	465
Seana Coulson, Tristan Davenport, Pia Knoeferle, Sarah Creel	
<i>A Dynamic Approach to Secondary Processes in Associative Recognition</i>	471
Gregory Cox, Richard Shiffrin	
<i>Children's early perceptual and late-emerging social sensitivity to accented speech</i>	477
Sarah Creel, Emilie Seubert	
<i>Odor naming is difficult, even for wine and coffee experts</i>	483
Ilja Croijmans, Asifa Majid	
<i>The Effects of Racial Similarity and Dissimilarity on the Joint Simon Task</i>	489
Steve Croker, J. Scott Jordan, Daniel Schloesser, Vincent Cialdella	
<i>Embodied cognition and passive processing: What hand-tracking tells us about syntactic processing in L1 and L2 speakers of English</i>	495
Scott Crossley, Youjin Kim, Tiffany Lester, Samuel Clark	
<i>A Bayesian Latent Mixture Approach to Modeling Individual Differences in Categorization Using General Recognition Theory</i>	501
Irina Danileiko, Michael Lee, Michael Kalish	
<i>Neural Effects of Childhood Language Deprivation on Picture Processing: Insights from Adolescent First-Language Learners</i>	507
Tristan Davenport, Naja Ferjan Ramirez, Matthew Leonard, Rachel Mayberry, Eric Halgren	
<i>The suggestible nature of apparent motion perception</i>	513
Nicolas Davidenko, Yeram Cheong, Jacob Smith	
<i>Evidence for widespread thematic structure in the mental lexicon.</i>	518
Simon De Deyne, Steven Verheyen, Amy Perfors, Daniel Navarro	

<i>Behaviorist Thinking in Judgments of Wrongness, Punishment, and Blame</i>	524
Julian de Freitas, Samuel Johnson	
<i>Memory constraints affect statistical learning; statistical learning affects memory constraints</i>	530
Josh de Leeuw, Rob Goldstone	
<i>Using a Task-Filled Delay During Discrimination Trials to Examine Different Components of Learned Visual Categorical Perception</i>	536
Joshua de Leeuw, Jan Andrews	
<i>Savvy software agents can encourage the use of second-order theory of mind by negotiators</i>	542
Harmen de Weerd, Eveline Broers, Rineke Verbrugge	
<i>Wonky worlds: Listeners revise world knowledge when utterances are odd</i>	548
Judith Degen, Michael Henry Tessler, Noah D. Goodman	
<i>“Jack is a True Scientist”: On the Content of Dual Character Concepts</i>	554
Guillermo Del Pinal, Kevin Reuter	
<i>Modeling Relational Priming and Multiplicative Reasoning with Rational Numbers</i>	560
Melissa Dewolf, Miriam Bassok, Keith Holyoak	
<i>Implicit Understanding of Arithmetic with Rational Numbers: The Impact of Expertise</i>	566
Melissa Dewolf, Ji Son, Miriam Bassok, Keith Holyoak	
<i>The Sound of Valence: Phonological Features Predict Word Meaning</i>	572
Karlijn Dinnissen, Max M. Louwerse	
<i>Learning to reason about desires: An infant training study</i>	578
Tiffany Doan, Stephanie Denison, Christopher Lucas, Alison Gopnik	
<i>When high pitches sound low: Children’s acquisition of space-pitch metaphors</i>	584
Sarah Dolscheid, Sabine Hunnius, Asifa Majid	
<i>Connecting rule-abstraction and model-based choice across disparate learning tasks</i>	590
Hilary Don, Micah Goldwater, A. Ross Otto, Evan Livesey	
<i>Examining the Bilingual Advantage on Conflict Resolution Tasks: A Meta-Analysis</i>	596
Seamus Donnelly, Patricia Brooks, Bruce Homer	
<i>Sound-Symbolism is Disrupted in Dyslexia: Implications for the Role of Cross-Modal Abstraction Processes</i>	602
Linda Drijvers, Lorian Zaadnoordijk, Mark Dingemans	
<i>Tracking the Response Dynamics of Implicit Partisan Biases</i>	608
Nicholas Duran, Stephen Nicholson, Rick Dale	
<i>Explaining Choice Behavior: The Intentional Selection Assumption</i>	614
Kelley Durkin, Leyla R. Caglar, Elizabeth Bonawitz, Patrick Shafto	
<i>Pathways of Conceptual Change: Investigating the Influence of Experimentation Skills on Conceptual Knowledge Development in Early Science Education</i>	620
Peter Edelsbrunner, Lennart Schalk, Ralph Schumacher, Elsbeth Stern	
<i>When Less Can Be More: Dual Task Effects on Speech Fluency</i>	626
Naomi Eichorn, Klara Marton	

<i>Behavioral Dynamics of a Collision Avoidance Task: How Asymmetry Stabilizes Performance ...</i>	632
Brian Eiler, Rachel Kallen, Steven Harrison, Elliot Saltzman, Richard Schmidt, Mike Richardson	
<i>Making moves: How sex and race are detected from biological motion</i>	638
Brian Eiler, Rachel Kallen, Mike Richardson	
<i>Navigation with Learned Spatial Affordances</i>	644
Susan L. Epstein, Anoop Aroor, Matthew Evanusa, Elizabeth Sklar, Simon Parsons	
<i>Common object representations for visual recognition and production</i>	650
Judith E. Fan, Daniel L. K. Yamins, Nicholas B. Turk-Browne	
<i>A computational model of bilingual semantic convergence</i>	656
Shin-Yi Fang, Benjamin Zinszer, Barbara Malt, Ping Li	
<i>Matching artificial agents' and users' personalities: designing agents with regulatory-focus and testing the regulatory effect</i>	662
Caroline Faur, Jean-Claude Martin, Céline Clavel	
<i>Conflict Sensitivity and the Conjunction Fallacy: Eye-tracking Evidence for Logical Intuitions in Conjunction Probability Judgments</i>	668
Jenny Faure-Bloom, Gaëlle Vallée-Tourangeau, Sabira Mannan	
<i>Production is biased to provide informative cues early: Evidence from miniature artificial languages</i>	674
Maryia Fedzechkina, T. Florian Jaeger, John Trueswell	
<i>Music familiarity modulates mind wandering during lexical processing</i>	680
Shi Feng, Gavin Bidelman	
<i>Temporal Binding and Internal Clocks: Is Clock Slowing General or Specific?</i>	686
Richard Fereday, Marc Buehner	
<i>Visual abstract rule learning by 3- and 4-month-old infants</i>	692
Brock Ferguson, Sandra Waxman	
<i>Learning Exceptions in Phonological Alternations</i>	698
Sara Finley	
<i>Frequency Effects in Morpheme Segmentation</i>	704
Sara Finley	
<i>ACT-R and LBA Model Mimicry Reveals Similarity Across Modeling Formalisms</i>	710
Christopher Fisher, Matthew Walsh, Leslie Blaha, Glenn Gunzelmann	
<i>How Physical Interaction Helps Performance in a Scrabble-like Task</i>	716
Morgan Fleming, Paul Maglio	
<i>Framing effects and the folk psychiatry of addiction</i>	722
Stephen Flusberg, Michael Dellavalle, Paul Thibodeau	
<i>Visual-motor coordination in natural reaching of young children and adults</i>	728
John Franchak, Chen Yu	

<i>Cumulative Contextual Facilitation in Word Activation and Processing: Evidence from Distributional Modelling</i>	734
Diego Frassinelli, Frank Keller	
<i>Turn, Turn, Turn: Perceiving Global and Local, Clockwise and Counterclockwise Rotations</i>	740
Bob French, Helle Lukowski-Duplessy, Cory Rieth, Gary Cottrell	
<i>Defaulting effects contribute to the simulation of cross-linguistic differences in Optional Infinitive errors</i>	746
Daniel Freudenthal, Julian Pine, Gary Jones, Fernand Gobet	
<i>Physiological entrainment and behavioral coordination in a collective, creative construction task</i> ..	752
Riccardo Fusaroli, Johanne Bjørndahl, Andreas Roepstorff, Kristian Tylén	
<i>A Study and Preliminary Model of Cross-Domain Influences on Creativity</i>	758
Liane Gabora, Nicole Carbert	
<i>Listen, Look, Go! The Role of Prosody and Gaze in Turn-End Anticipation</i>	764
Chiara Gambi, Torsten Kai Jachmann, Maria Staudte	
<i>Defeasible Reasoning with Quantifiers</i>	770
Lupita Estefania Gazzo Castaneda, Markus Knauff	
<i>Phrase similarity in humans and machines</i>	776
Samuel Gershman, Josh Tenenbaum	
<i>How, whether, why: Causal judgments as counterfactual contrasts</i>	782
Tobias Gerstenberg, Noah Goodman, David Lagnado, Josh Tenenbaum	
<i>Responsibility judgments in voting scenarios</i>	788
Tobias Gerstenberg, Joseph Halpern, Josh Tenenbaum	
<i>What causes category-shifting in human semi-supervised learning?</i>	794
Bryan Gibson, Timothy Rogers, Chuck Kalish, Xiaojin Zhu	
<i>Mental states are more important in evaluating moral than conventional violations</i>	800
Carly Giffin, Tania Lombrozo	
<i>The Effect of Disrupted Attention on Encoding in Young Children</i>	806
Karrie Godwin, Anna Fisher	
<i>A Spiking Neural Model of the n-Back Task</i>	812
Jan Gosmann, Chris Eliasmith	
<i>Robustness of semantic encoding effects in a transfer task for multiple-strategy arithmetic problems.</i>	818
Hippolyte Gros, Jean-Pierre Thibaut, Emmanuel Sander	
<i>A Hierarchical Cognitive Threshold Model of Human Decision Making on Different Length Optimal Stopping Problems</i>	824
Maime Guan, Michael Lee, Joachim Vandekerckhove	
<i>The Influence of Language on Memory for Object Location</i>	830
Harmen Gudde, Kenny Coventry, Paul Engelhardt	

<i>A Dual-process Model of Framing Effects in Risky Choice</i>	836
Lisa Guo, Jennifer S. Trueblood, Adele Diederich	
<i>Interactivity, Expertise and Individual Differences in Mental Arithmetic</i>	842
Lisa Guthrie, Charlotte Harris, Frederic Vallee-Tourangeau	
<i>Knowing what he could have shown: The role of alternatives in children's evaluation of under-informative teachers</i>	848
Hyowon Gweon, Mika Asaba	
<i>How do adults reason about their opponent? Typologies of players in a turn-taking game</i>	854
Tamoghna Halder, Khyati Sharma, Sujata Ghosh, Rineke Verbrugge	
<i>Finding the return path: allo- versus egocentric perspective</i>	860
Kai Hamburger, Florian Röser	
<i>Think again? The amount of mental simulation tracks uncertainty in the outcome</i>	866
Jessica Hamrick, Kevin Smith, Tom Griffiths, Ed Vul	
<i>Making Sense of Time-Series Data: How Language Can Help Identify Long-Term Trends</i>	872
Jordan Harold, Kenny R. Coventry, Irene Lorenzoni, Thomas F. Shipley	
<i>Why do you ask? Good questions provoke informative answers.</i>	878
Robert X.d. Hawkins, Andreas Stuhlmüller, Judith Degen, Noah D. Goodman	
<i>So good it has to be true: Wishful thinking in theory of mind</i>	884
Daniel Hawthorne-Madell, Noah Goodman	
<i>Why do people fail to consider alternative hypotheses in judgments under uncertainty?</i>	890
Brett Hayes, Guy Hawkins, Ben Newell	
<i>Inferring the Tsimane's use of color categories from recognition memory</i>	896
Pernille Hemmer, Kimele Persaud, Celeste Kidd, Steven Piantadosi	
<i>New space-time metaphors foster new mental representations of time</i>	902
Rose Hendricks, Lera Boroditsky	
<i>Quantifying the time course of similarity</i>	908
Andrew Hendrickson, Daniel Navarro, Chris Donkin	
<i>A Computational Model of Mind Wandering</i>	914
Laura Hiatt, Greg Trafton	
<i>Teaching with Rewards and Punishments: Reinforcement or Communication?</i>	920
Mark Ho, Michael Littman, Fiery Cushman, Joseph Austerweil	
<i>Sources of developmental change in pragmatic inferences about scalar terms</i>	926
Alexandra Horowitz, Michael Frank	
<i>Exploring Individual Differences via Clustering on Capacity Coefficients</i>	932
Joseph Hout, Leslie Blaha	
<i>Ideas in Dialogue: The Effects of Interaction on Creative Problem Solving</i>	938
Christine Howes, Patrick Healey, Pietro Panzarasa, Thomas Hills	
<i>Analogical comparison aids false belief understanding in preschoolers</i>	944
Christian Hoyos, William Horton, Dedre Gentner	

<i>Preschoolers' and Chimpanzees' Use of Source Reliability on Action-Based Tasks</i>	950
Melissa Hrabic, Bethany MacDonald, Michael Beran, Rebecca Williamson	
<i>Can children balance the size of a majority with the quality of their information?</i>	956
Jane Hu, Andrew Whalen, Daphna Buchsbaum, Tom Griffiths, Fei Xu	
<i>A Resource-Rational Approach to the Causal Frame Problem</i>	962
Thomas Icard, Noah Goodman	
<i>Beliefs about desires: Children's understanding of how knowledge and preference influence choice.</i>	968
Julian Jara-Ettinger, Emily Lydic, Josh Tenenbaum, Laura Schulz	
<i>The naïve utility calculus: Joint inferences about the costs and rewards of actions</i>	974
Julian Jara-Ettinger, Laura Schulz, Josh Tenenbaum	
<i>Task-General Object Similarity Processes</i>	980
Gavin Jenkins, Larissa Samuelson, John Spencer	
<i>The Standard Theory of Conscious Perception</i>	986
Carolyn Jennings	
<i>Mere Newness Bias</i>	992
Yun Jie, Ye Li	
<i>Similarity and Variation in the Distribution of Spatial Expressions Across Three Languages</i>	997
Kristen Johannes, Jenny Wang, Anna Papafragou, Barbara Landau	
<i>Predictions from Uncertain Beliefs</i>	1003
Samuel Johnson, Thomas Merchant, Frank Keil	
<i>Belief Utility as an Explanatory Virtue</i>	1009
Samuel Johnson, Greeshma Rajeev-Kumar, Frank Keil	
<i>Argument Scope in Inductive Reasoning: Evidence for an Abductive Account of Induction</i>	1015
Samuel Johnson, Thomas Merchant, Frank Keil	
<i>Probabilistic Versus Heuristic Accounts of Explanation in Children: Evidence from a Latent Scope Bias</i>	1021
Angie Johnston, Samuel Johnson, Marissa Koven, Frank Keil	
<i>Interruption-recovery training transfers to novel tasks</i>	1027
Winston Jones, Jarrod Moss	
<i>Organizing Metacognitive Tutoring Around Functional Roles of Teachers</i>	1033
David Joyner, Ashok Goel	
<i>Analyzing the Predictability of Lexeme-specific Prosodic Features as a Cue to Sentence Prominence</i>	1039
Sofoklis Kakouros, Okko Johannes Räsänen	
<i>Young Children's Understanding of the Successor Function</i>	1045
Jennifer Kaminski	
<i>Let's talk (ironically) about the weather: Modeling verbal irony</i>	1051
Justine Kao, Noah Goodman	

<i>What is the Role of Conceptual Analysis in Cognitive Science?</i>	1057
Liam Kavanagh, Christopher Suhler	
<i>Pronominal Reference and Pragmatic Enrichment: A Bayesian Account</i>	1063
Andrew Kehler, Hannah Rohde	
<i>Resolving Rogers' Paradox with Specialized Hybrid Learners</i>	1069
Milad Kharratzadeh, Marcel Montrey, Alex Metz, Thomas Shultz	
<i>Causal relations from kinematic simulations</i>	1075
Sangeet Khemlani, Geoff Goodwin, Phil Johnson-Laird	
<i>Domino effects in causal contradictions</i>	1081
Sangeet Khemlani, Phil Johnson-Laird	
<i>Development of Numerosity Estimation: A Linear to Logarithmic Shift?</i>	1087
Dan Kim, John Opfer	
<i>The number of times a motion repeats influences sentence processing.</i>	1093
Lucy Kyoungsook Kim, Elsi Kaiser	
<i>Effects of Emotional Prosody and Attention on Semantic Priming</i>	1099
Seung Kyung Kim, Meghan Sumner	
<i>Comparison and Function in Children's Object Categorization</i>	1105
Katherine Kimura, Samuel Hunley, Laura Namy	
<i>Voice-specific effects in semantic association</i>	1111
Ed King, Meghan Sumner	
<i>When Do Nonspecific Goals Help Learning? An Issue of Model Quality</i>	1117
Saskia Kistner, Bruce Burns, Regina Vollmeyer, Kortenkamp Ulrich	
<i>Inference of Intention and Permissibility in Moral Decision Making</i>	1123
Max Kleiman-Weiner, Tobias Gerstenberg, Sydney Levine, Josh Tenenbaum	
<i>Supervised and unsupervised learning in phonetic adaptation</i>	1129
Dave F. Kleinschmidt, Rajeev Raizada, T. Florian Jaeger	
<i>2-year-olds use syntax to infer actor intentions in a rational-action paradigm</i>	1135
Melissa Kline, Jesse Snedeker	
<i>Scene Inversion Slows the Rejection of False Positives through Saccade Exploration During Search</i>	1141
Kathryn Koehler, Miguel P. Eckstein	
<i>Expertise in Cognitive Task Analysis Interviews</i>	1147
Danny Koh, Kenneth Koedinger, Carolyn Rose, David Feldon	
<i>On the interplay between spontaneous spoken instructions and human visual behaviour in an indoor guidance task</i>	1153
Nikolina Koleva, Sabrina Hoppe, Mohammad Mehdi Moniri, Maria Staudte, Andreas Bulling	

<i>Investigating Ways of Interpretations of Artificial Subtle Expressions Among Different Languages: A Case of Comparison Among Japanese, German, Portuguese and Mandarin Chinese</i>	1159
Takanori Komatsu, Rui Prada, Kazuki Kobayashi, Seiji Yamada, Kotaro Funakoshi, Mikio Nakano	
<i>The better part of not knowing: Virtuous ignorance</i>	1165
Jonathan F. Kominsky, Philip Langthorne, Frank C. Keil	
<i>Hierarchical Reasoning with Distributed Vector Representations</i>	1171
Cody Kommers, Volkan Ustun, Abram Demski, Paul Rosenbloom	
<i>Exploring Complexity in Decisions from Experience: Same Minds, Same Strategy</i>	1177
Emmanouil Konstantinidis, Nathaniel J. S. Ashby, Cleotilde Gonzalez	
<i>Language and Gesture Descriptions Affect Memory: A Nonverbal Overshadowing Effect</i>	1183
Mark Koranda, Maryellen MacDonald	
<i>Can You Repeat That? The Effect of Item Repetition on Interleaved and Blocked Study</i>	1189
Abigail Kost, Paulo Carvalho, Rob Goldstone	
<i>Can Modern Neuroscience Change Our Idea of the Human?</i>	1195
Boris Kotchoubey	
<i>Emergent Collective Sensing in Human Groups</i>	1201
Peter Krafft, Robert X.d. Hawkins, Alex Pentland, Noah Goodman, Josh Tenenbaum	
<i>Semantically underinformative utterances trigger pragmatic inferences</i>	1207
Ekaterina Kravtchenko, Vera Demberg	
<i>Animation Facilitates Source Understanding and Spontaneous Analogical Transfer</i>	1213
James Kubricht, Hongjing Lu, Keith Holyoak	
<i>A diffusion model account of the transfer-of-training effect</i>	1219
Colin Kupitz, Martin Buschkuehl, Susanne Jaeggi, John Jonides, Priti Shah, Joachim Vandekerckhove	
<i>Computational evolution of decision-making strategies</i>	1225
Peter Kvam, Joseph Cesario, Jory Schossau, Heather Eisthen, Arend Hintze	
<i>The fan effect in overlapping data sets and logical inference</i>	1231
Kam Kwok, Robert West, Matthew Kelly	
<i>The learnability of Auditory Center-embedded Recursion</i>	1237
Jun Lai, Emiel Krahmer, Jan Sprenger	
<i>Deep Neural Networks Predict Category Typicality Ratings for Images</i>	1243
Brenden Lake, Wojciech Zaremba, Rob Fergus, Todd Gureckis	
<i>More than true: Developmental changes in use of the inductive strength for selective trust</i>	1249
Asheley Landrum, Joshua Cloudy, Patrick Shafto	
<i>Assessing Claims of Metaphorical Salience Through Corpus Data</i>	1255
Jenny Lederer	

<i>Semantic Alignment of Fractions and Decimals with Discrete Versus Continuous Entities: A Cross-national Comparison</i>	1261
Hee Seung Lee, Melissa Dewolf, Miriam Bassok, Keith Holyoak	
<i>The Roles of Knowledge and Memory in Generating Top-10 Lists</i>	1267
Michael Lee, Emily Liu, Mark Steyvers	
<i>Convincing people of the Monty Hall Dilemma answer: The impact of solution type and individual differences</i>	1273
Joanne Lee, Bruce Burns	
<i>Independent Recognition of Numerosity Requires Attention</i>	1279
Saebyul Lee, Vladimir Sloutsky	
<i>Measuring Time Gestures with the Microsoft Kinect</i>	1285
Daniel Lenzen	
<i>If at First You Don't Succeed: The Role of Evidence in Preschoolers' and Infants' Persistence.</i> .	1290
Julia Leonard, Laura Schulz	
<i>Visual Working Memory as Decision Making: Compensation for Memory Uncertainty in Reach Planning</i>	1296
Rachel Lerch, Chris Sims	
<i>The reliability of testimony and perception: connecting epistemology and linguistic evidentiality</i> .	1302
Claire Lesage, Nalini Ramlakhan, Ida Toivonen, Chris Wildman	
<i>Linguistic input overrides conceptual biases: When goals don't matter</i>	1308
Nicholas Lester	
<i>Word order in a grammarless language: A 'small-data' information-theoretic approach</i>	1314
Nicholas Lester, Fermin Moscoso del Prado Martin	
<i>Constructional paradigms affect visual lexical decision latencies in English</i>	1320
Nicholas Lester, Fermin Moscoso del Prado Martin	
<i>The Smell of Jazz: Crossmodal Correspondences Between Music, Odor, and Emotion</i>	1326
Carmel Levitan, Sara Charney, Karen Schloss, Stephen Palmer	
<i>Structured priors in visual working memory revealed through iterated learning</i>	1332
Timothy Lew, Ed Vul	
<i>Conceptual complexity and the evolution of the lexicon</i>	1338
Molly Lewis, Mike Frank	
<i>Music Reading Expertise Modulates Hemispheric Lateralization in English Word processing but not in Chinese Character Processing</i>	1344
Tze Kwan Li, Janet H. Hsiao	
<i>Constraints on Learning Non-Adjacent Dependencies (NADs) of Visual Stimuli</i>	1350
Jia Li, Toben Mintz	
<i>Evaluating Human Cognition of Containing Relations with Physical Simulation</i>	1356
Wei Liang, Yibiao Zhao, Yixin Zhu, Song-Chun Zhu	

<i>When to use which heuristic: A rational solution to the strategy selection problem</i>	1362
Falk Lieder, Tom Griffiths	
<i>Children and adults differ in their strategies for social learning</i>	1368
Falk Lieder, Zi Lin Sim, Jane C. Hu, Tom Griffiths, Fei Xu	
<i>The Exemplar Confusion Model: An Account of Biased Probability Estimates in Decisions from Description</i>	1374
Deborah Lin, Christopher Donkin, Ben Newell	
<i>Stepping Up to the Blackboard: Distributed Cognition in Doctor-Patient Interactions</i>	1380
Katherine Lippa, Valerie Shalin	
<i>Creating New Sign Systems from Scratch: Gesture has the Upper Hand</i>	1386
Casey J. Lister, Nicolas Fay, T. Mark Ellison, Jeneva Ohan	
<i>Linguistic Modality Affects the Creation of Structure and Iconicity in Signals</i>	1392
Hannah Little, Kerem Eryilmaz, Bart de Boer	
<i>Can experience with different types of writing system modulate holistic processing in speech perception?</i>	1398
Tianyin Liu, Janet Hsiao	
<i>Symbolic Integration, Not Symbolic Estrangement, For Double-Digit Numbers</i>	1404
Allison Liu, Christian Schunn, Julie Fiez, Melissa Libertus	
<i>Action-Oriented Representations in the Motor Control</i>	1410
Daniel Hsi-wen Liu	
<i>Tracking Relations: The Effects of Visual Attention on Relational Recognition</i>	1416
Katherine Livins, Leonidas Doumas, Michael Spivey	
<i>Piece of Mind: Long-Term Memory Structure in ACT-R and CHREST</i>	1422
Martyn Lloyd-Kelly, Fernand Gobet, Peter Lane	
<i>Time after Time in Words: Chronology through Language Statistics</i>	1428
Max Louwerse, Susanne Raisig, Richard Tillman, Sterling Hutchinson	
<i>Partitioning the Firing Patterns of Spike Trains by Community Modularity</i>	1434
Hu Lu, Xing Hao Huang, Yu Qing Song, Hui Wei	
<i>Exploring the Concept of Utility: Are Separate Value Functions required for Risky and Inter-temporal Choice?</i>	1440
Ash Luckman, Chris Donkin, Ben R. Newell	
<i>Variability in Human Response Time Reflects Statistical Learning and Adaptive Decision-Making</i>	1446
Ning Ma, Angela Yu	
<i>Referential cues modulate attention and memory during cross-situational word learning</i>	1452
Kyle MacDonald, Daniel Yurovsky, Michael Frank	
<i>Memory Strategically Encodes Externally Unavailable Information</i>	1458
Carla Macias, Amanda Yung, Pernille Hemmer, Celeste Kidd	
<i>Evaluating contingencies by a dual system of learning the structure and the parameters of the environment</i>	1464
Tamas Madarasz, Joseph Ledoux, Joshua Johansen	

<i>Modelling Political Source Credibility of Election Candidates in the USA</i>	1470
Jens Koed Madsen	
<i>Investigation on Using 3D Printed Liver during Surgery</i>	1476
Akihiro Maehigashi, Kazuhisa Miwa, Hitoshi Terai, Tsuyoshi Igami, Yoshihiko Nakamura, Kensaku Mori	
<i>Quit while you're ahead: Preschoolers' persistence and willingness to accept challenges are affected by social comparison</i>	1482
Rachel Magid, Laura Schulz	
<i>Ignorance-Based Chance Discovery. Beyond Dark Events</i>	1488
Lorenzo Magnani, Selene Arfini, Tommaso Bertolotti	
<i>Universals on natural language determiners from a PAC-learnability perspective</i>	1494
Giorgio Magri, Giorgio Magri	
<i>Explaining the Number Hierarchy</i>	1500
Robert Malouf, Farrell Ackerman, Scott Seyfarth	
<i>The mental number-line spreads by gestural contagion</i>	1506
Tyler Marghetis, Luke Eberle, Benjamin Bergen	
<i>Modeling choice and search in decisions from experience: A sequential sampling approach</i>	1512
Douglas Markant, Timothy Pleskac, Adele Diederich, Thorsten Pachur, Ralph Hertwig	
<i>Both symbolic and embodied representations contribute to spatial language processing; Evidence from younger and older adults</i>	1518
Ioanna Markostamou, Kenny Coventry, Chris Fox, Lynn McInnes	
<i>Intellectualism and Psychology</i>	1524
Jack Marley-Payne	
<i>Naïve Beliefs About Intervening on Causes and Symptoms in the Health Domain</i>	1529
Jessecae Marsh, Andrew Zeveney	
<i>Priming bicultural bilingual Latino-Americans as Latino or American modulates access to the Spanish and English meaning of interlingual homographs</i>	1535
Benjamin Marsh, Jean-Paul Snijder, Marina Pulver, Veronica Johnson, Janna Schirmer, Hyun Seo Lee, Ashley Horiuchi, Natalie Koskela, Brandon Reynoso, Raul Fajardo	
<i>Illusory inferences: disjunctions, indefinites, and the erotetic theory of reasoning</i>	1541
Salvador Mascarenhas, Philipp Koralus	
<i>Distributional determinants of learning argument structure constructions in first and second language</i>	1547
Yevgen Matuskevych, Afra Alishahi, Ad Backus	
<i>Individual Differences in Chunking Ability Predict On-line Sentence Processing</i>	1553
Stewart M. McCauley, Morten H. Christiansen	
<i>During category learning, top-down and bottom up processes battle for control of the eyes</i>	1559
Caitlyn McColeman, Mark Blair	
<i>Sound to Meaning Mappings in the Bouba-Kiki Effect</i>	1565
Kelly McCormick, Jee Young Kim, Sara List, Lynne C. Nygaard	

<i>An Integrated Account of Explanation and Question Answering</i>	1571
Ben Meadows, Richard Heald, Pat Langley	
<i>Reasoning About Diverse Evidence in Preference Predictions</i>	1577
Rachel Meng, Stephanie Y. Chen, Daniel M. Bartels	
<i>A Bayesian Framework for Learning Words From Multiword Utterances</i>	1583
Stephan Meylan, Thomas Griffiths	
<i>A latent-mixture quantum probability model of causal reasoning within a Bayesian inference framework</i>	1589
Percy Mistry, Jennifer Trueblood, Joachim Vandekerckhove, Emmanuel Pothos	
<i>Reconstructing the Bayesian Adaptive Toolbox: Challenges of a dynamic environment and partial information acquisition</i>	1595
Percy Mistry, Jennifer Trueblood	
<i>The Role of Outcome Divergence in Goal-Directed Choice</i>	1601
Prachi Mistry, Mimi Liljeholm	
<i>Towards semantically rich and recursive word learning models</i>	1607
Francis Mollica, Steven Piantadosi	
<i>The perceptual foundation of linguistic context</i>	1613
Francis Mollica, Steven Piantadosi, Michael Tanenhaus	
<i>Personal Change and the Continuity of Identity</i>	1619
Sarah Molouki, Daniel Bartels	
<i>An ACT-R Model of the Choose-Short Effect in Time and Length</i>	1625
Jung Aa Moon, John Anderson	
<i>The Antecedents of Moments of Learning</i>	1631
Gregory Moore, Ryan Baker, Sujith Gowda	
<i>Cognitive Factors and Representation Strategies In Sketching Math Diagrams</i>	1637
Damian Morden-Snipper, Ting Dai, Julie Booth, Briana Chang, Jennifer Cromley, Nora Newcombe	
<i>What the Baldwin Effect affects</i>	1643
Thomas Morgan, Thomas Griffiths	
<i>Modeling idiosyncratic preferences: How generative knowledge and expression frequency jointly determine language structure</i>	1649
Emily Morgan, Roger Levy	
<i>Syntactic Alignment is an Index of Affective Alignment: An Information-Theoretical Study of Natural Dialogue</i>	1655
Fermín Moscoso del Prado Martín, John W. Du Bois	
<i>Does the Frequency of Pedagogical Agent Intervention Relate to Learners' Self-Reported Boredom while using Multiagent Intelligent Tutoring Systems?</i>	1661
Nicholas Mudrick, Roger Azevedo, Michelle Taub, François Bouchet	
<i>A non-monotonic extension of universal moral grammar theory</i>	1667
Gert-Jan Munneke, Jakub Szymanik	

<i>The Effect of Facial Emotion and Action Depiction on Situated Language Processing</i>	1673
Katja Münster, Maria Nella Carminati, Pia Knoeferle	
<i>Beyond Magnitude: How Math Expertise Guides Number Representation</i>	1679
April Murphy, Timothy Rogers, Edward Hubbard, Autumn Brower	
<i>Influence of Excitation/Inhibition Imbalance on Local Processing Bias in Autism Spectrum Disorder</i>	1685
Yukie Nagai, Takakazu Moriwaki, Minoru Asada	
<i>Mediators vs. Confounds: Exploring Different Intuitions about Causal Mechanisms</i>	1691
Jonas Nagel, Simon Stephan	
<i>Effect is sure, but explanation is unsure: Closer investigation of the foreign language effect with Japanese participants</i>	1697
Kuninori Nakamura	
<i>Investigating Strategy Discovery and Coordination in a Novel Virtual Sheep Herding Game among Dyads</i>	1703
Patrick Nalepka, Cristopher Riehm, Carl Bou Mansour, Anthony Chemero, Michael J. Richardson	
<i>Count on Diversity: The Cognitive and Mathematical Profiles of Children in Early Elementary School</i>	1709
Adam Newton, Marcie Penner-Wilger	
<i>Gestures Prime Temporal Concepts</i>	1715
Melvin Ng, Winston Goh, Melvin Yap, Chi-Shing Tse, Wing Chee So	
<i>Children's Trust in Technological and Human Informants</i>	1721
Nicholaus Noles, Judith Danovitch, Patrick Shafto	
<i>The Symbolic Working Memory: memory accommodations for schematic processing of symbolic information</i>	1727
Nader Noori	
<i>Schematic Processing in Working Memory Tasks Relies on Learning and Long-Term Memory Resources</i>	1733
Nader Noori	
<i>The pragmatics of negation across contexts</i>	1739
Ann Nordmeyer, Michael Frank	
<i>Implementation of selective attention in sequential word production</i>	1745
Nazbanou Nozari, Gary Dell, Kyle Schneck, Barry Gordon	
<i>Response Dominance Predicts Garden-Path Comprehension: An ERP Study</i>	1751
Polly O'Rourke, Gregory Colflesh	
<i>Support for a Deliberative Failure Account of Base-Rate Neglect: Prompting Deliberation Increases Base-Rate Use</i>	1757
Natalie Obrecht, Dana Chesney	
<i>Agency concepts across cultures: How intuitive is folkpsychology?</i>	1763
bethany ojalahto, Douglas Medin, Salino Garcia	

<i>A Comparison of Small Crowd Selection Methods</i>	1769
Henrik Olsson, Jane Loveday	
<i>Near-misses sting even when they are uncontrollable</i>	1775
Desmond Ong, Noah Goodman, Jamil Zaki	
<i>Is statistical learning trainable?</i>	1781
Luca Onnis, Matthew Lou-Magnuson, Hongoak Yun, Erik Thiessen	
<i>Causal reasoning in a prediction task with hidden causes</i>	1787
Pedro A. Ortega, Daniel D. Lee, Alan A. Stocker	
<i>Getting From Here to There! : Testing the Effectiveness of an Interactive Mathematics Intervention Embedding Perceptual Learning</i>	1793
Erin Ottmar, David Landy, Robert Goldstone, Erik Weitnauer	
<i>You 're special, but it doesn't matter if you 're a greenhorn: Social recommender strategies for mere mortals</i>	1799
Pantelis P. Analytis, Daniel Barkoczi, Stefan Herzog	
<i>Upsetting the contingency table: Causal induction over sequences of point events</i>	1805
Michael Pacer, Tom Griffiths	
<i>Assessing a Bayesian account of human gaze perception</i>	1811
Peter C. Pantelis, Daniel P. Kennedy	
<i>How Sharing Contexts Influence Purchase Amounts: The Case of Food Choices</i>	1817
Jeffrey Parker, Nita Umashankar, Martin Schleicher	
<i>Memory distortions resulting from a choice blindness task</i>	1823
Philip Pärnamets, Lars Hall, Petter Johansson	
<i>Active learning as a means to distinguish among prominent decision strategies</i>	1829
Paula Parpart, Eric Schulz, Maarten Speekenbrink, Brad Love	
<i>Self-Directed Information Gathering Improves Learning in Young Children</i>	1835
Eric Partridge, Matthew McGovern, Amanda Yung, Celeste Kidd	
<i>Learning mode and comparison in relational category learning</i>	1841
John Patterson, Kenneth Kurtz	
<i>Communicative Efficiency and Miscommunication: The Costs and Benefits of Variable Language Production</i>	1847
Alexandra Paxton, Jennifer Roche, Michael Tanenhaus	
<i>Congenitally Deaf Children Generate Iconic Vocalizations to Communicate Magnitude</i>	1853
Marcus Perlman, Jing Paul, Gary Lupyan	
<i>Iconicity in English Vocabulary and its Relation to Toddlers' Word Learning</i>	1859
Lynn Perry, Marcus Perlman, Gary Lupyan	
<i>Anticipatory and Locally Coherent Lexical Activation Varies as a Function of Language Proficiency</i>	1865
Ryan Peters, Theres Grüter, Arielle Borovsky	

<i>Wayfinding and restructuring in a novel city: an insight problem solving task</i>	1871
Judit Petervari, Amory H. Danek, Virginia L. Flanagin	
<i>Cognitive architecture and second-order systematicity: categorical compositionality and a (co)recursion model of systematic learning</i>	1877
Steven Phillips, William Wilson	
<i>Computational principles underlying people's behavior explanations</i>	1883
Aj Piergiovanni, Alan Jern	
<i>Speaker-specific generalization of pragmatic inferences based on prenominal adjectives</i>	1889
Amanda Pogue, Chigusa Kurumada, Michael Tanenhaus	
<i>Flexible Use of Phonological and Visual Memory in Language-mediated Visual Search</i>	1895
Daniel F. Pontillo, Anne Pier Salverda, Michael K. Tanenhaus	
<i>Mathematical Model of Developmental Changes in Number Cognition</i>	1901
Richard Prather	
<i>Shifting Covert Attention to Spatially Indexed Locations Increases Retrieval Performance of Verbal Information</i>	1907
Anja Prittmann, Agnes Scholz, Josef Krems	
<i>Attacker and Defender Counting Approach for Abstract Argumentation</i>	1913
Fuan Pu, Jian Luo, Yulai Zhang, Guiming Luo	
<i>Learning Additive and Substitutive Features</i>	1919
Ting Qian, Joseph Austerweil	
<i>Why do readers answer questions wrongly after reading garden-path sentences?</i>	1925
Zhiying Qian, Susan Garnsey	
<i>Lateral Inhibition Overcomes Limits of Temporal Difference Learning</i>	1931
Jacob Rafati, David Noelle	
<i>Preferred Inferences in Causal Relational Reasoning: Counting Model Operations</i>	1937
Marco Ragni, Stephanie Schwenke, Christine Otieno	
<i>Generating Hyperdimensional Distributed Representations from Continuous-Valued Multivariate Sensory Input</i>	1943
Okko Räsänen	
<i>Cross-situational cues are relevant for early word segmentation</i>	1949
Okko Räsänen, Heikki Rasilo	
<i>Computational evidence for effects of memory decay, familiarity preference and mutual exclusivity in cross-situational learning</i>	1955
Heikki Rasilo, Okko Johannes Räsänen	
<i>Cognitive consequences of interactivity</i>	1961
Nan Renner	
<i>Eye Movements Reveal Sensitivity to Sound Symbolism Early and Late in Word Learning</i>	1967
Kate Pirog Revill, Laura Namy, Lynne Nygaard	
<i>The Attentional Learning Trap and How to Avoid It</i>	1973
Alexander Rich, Todd Gureckis	

<i>What defines a category? Evidence that listeners' perception is governed by generalizations</i>	1979
Rachael Richardson, Naomi Feldman, William Idsardi	
<i>Transfer effects of prompted and self-reported analogical comparison and self-explanation</i>	1985
J. Elizabeth Richey, Cristina D. Zepeda, Timothy J. Nokes-Malach	
<i>How do different training tasks modulate our perception and hemispheric lateralization in the development of perceptual expertise?</i>	1991
Tso Ricky Van-yip, Au Terry Kit-fong, Hsiao Janet Hui-wen	
<i>Effects of Complementary Control on the Coordination Dynamics of Joint-Action</i>	1997
Lillian Rigoli, Veronica Romero, Kevin Shockley, Gregory Funke, Adam Strang, Michael Richardson	
<i>Development of selective attention in category learning</i>	2003
Samuel Rivera, Vladimir Sloutsky	
<i>Auditory Stimuli Slow Down Responses and First Fixations: Support for Auditory Dominance in Adults</i>	2009
Christopher Robinson, Wesley Barnhart, Samuel Rivera	
<i>Capturing Social Motor Coordination: A comparison of the Microsoft Kinect, Video-Motion Analysis and the Polhemus Latus Motion Tracking System</i>	2015
Veronica Romero, Joseph Amaral, Paula Fitzpatrick, Richard Schmidt, Mike Richardson	
<i>Can Joint Action be Synergistic? Studying the Stabilization of Interpersonal Hand Coordination</i>	2021
Veronica Romero, Rachel Kallen, Michael Riley, Mike Richardson	
<i>Do Markov Violations and Failures of Explaining Away Persist with Experience?</i>	2027
Benjamin Rottman, Reid Hastie	
<i>How Causal Mechanism and Autocorrelation Beliefs Inform Information Search</i>	2033
Benjamin Rottman	
<i>Children search for information as efficiently as adults, but seek additional confirmatory evidence</i>	2039
Azzurra Ruggeri, Tania Lombrozo, Tom Griffiths, Fei Xu	
<i>Restoring the Context of Interrupted Work with Desktop Thumbnails</i>	2045
Adam Rule, Aurélien Tabard, Karen Boyd, James Hollan	
<i>Representing and Learning a Large System of Number Concepts with Latent Predicate Networks</i>	2051
Joshua Rule, Eyal Dechter, Joshua Tenenbaum	
<i>Helping students understand posterior probabilities: research with a digital learning environment on the Monty Hall dilemma</i>	2057
Lore Saenen, Mieke Heyvaert, Wim Van Dooren, Patrick Onghena	
<i>The Moral Rhetoric of Climate Change</i>	2063
Eyal Sagi, Timothy Gann, Teenie Matlock	
<i>Some Probability Judgments may Rely on Complexity Assessments</i>	2069
Antoine Saillenfest, Jean-Louis Dessalles	
<i>How People Estimate Effect Sizes: The Role of Means and Standard Deviations</i>	2075
Motoyuki Saito	

<i>How do children construct the color lexicon? : Restructuring the domain as a connected system</i>	2080
Noburo Saji, Michiko Asano, Midori Oishi, Mutsumi Imai	
<i>Tactile Experience Is Evoked by Visual Image of Materials: Evidence from Onomatopoeia</i>	2086
Maki Sakamoto, Tatsuki Kagitani, Ryuichi Doizaki	
<i>Highlighting the Causal Meaning of Causal Test Questions in Contexts of Norm Violations</i>	2092
Jana Samland, Michael Waldmann	
<i>The influence of hand or foot responses on response times in investigating action sentence processing</i>	2098
Franziska Schaller, Sabine Weiss, Horst M. Müller	
<i>Gaze is not Enough: Computational Analysis of Infant's Head Movement Measures the Developing Response to Social Interaction</i>	2104
Lars Schillingmann, Joseph Burling, Hanako Yoshida, Yuki Nagai	
<i>Large-scale investigations of variability in children's first words</i>	2110
Rose Schneider, Dan Yurovsky, Mike Frank	
<i>Assessing the Perceived Predictability of Functions</i>	2116
Eric Schulz, Josh Tenenbaum, David Reshef, Maarten Speekenbrink, Samuel Gershman	
<i>Learning and decisions in contextual multi-armed bandit tasks</i>	2122
Eric Schulz, Emmanouil Konstantinidis, Maarten Speekenbrink	
<i>Motion perception of biological swarms</i>	2128
Adriane Seiffert, Sean Hayes, Caroline Harriott, Julie Adams	
<i>Task-set inhibition, conflict, and the n-2 repetition cost: A computational model of task switching</i>	2134
Nicholas Sexton, Richard Cooper	
<i>Neuronal Dynamics and Spatial Foraging</i>	2140
Timothy Shea, Anne Warlaumont, Chris Kello, David Noelle	
<i>Examining the role of Inhibitory control in bilingual language switching</i>	2146
Alison Shell, Jared Linck, L. Robert Slevc	
<i>Deliberate Practice Revisited: Complexity and Creativity in the Practice Process in Breakdance</i>	2152
Daichi Shimizu, Takeshi Okada	
<i>The Dynamics of Spoken Word Recognition in Second Language Listeners Reveal Native-Like Lexical Processing</i>	2158
Henna Shin, Brian Bauman, Imola MacPhee, Jason Zevin	
<i>Learning a Center-Embedding Rule in an Artificial Grammar Learning Task</i>	2164
Won Jae Shin, Kathleen Eberhard	
<i>Modelling Causal Reasoning under Ambiguity</i>	2170
Yiyun Shou, Michael Smithson	
<i>Moral Reasoning as Probability Reasoning</i>	2176
Yiyun Shou, Fei Song	
<i>Predicting Meme Success with Linguistic Features in a Multilayer Backpropagation Network</i>	2182
Keith Shubeck, Stephanie Huettenlocher	

<i>Tetris [U+0097]: Exploring Human Performance via Cross Entropy Reinforcement Learning Models</i>	2188
Catherine Sibert, Wayne Gray, John Lindstedt	
<i>Children Learn Better When They Select Their Own Data</i>	2194
Zi L. Sim, Michelle M. Tanner, Nina Y. Alpert, Fei Xu	
<i>Toddlers Learn with Facilitated Play, Not Free Play</i>	2200
Zi L. Sim, Fei Xu	
<i>Memory Capacity Limits in Processing of Natural Connected Speech: The Psychological Reality of Intonation Units</i>	2206
Heather Elizabeth Simpson, Fermin Moscoso del Prado Martin	
<i>Attention and Pattern Consciousness Reorganize the Cortical Topography of Event-Related Potential Correlates of Visual Sequential Learning.</i>	2212
Sonia Singh, Jerome Daltrozzo, Chistopher Conway	
<i>Statistical and Chunking Processes in Adults' Visual Sequence Learning</i>	2218
Lauren Slone, Scott Johnson	
<i>Understanding deverbal nominals: World knowledge or lexical semantics?</i>	2224
Anastasia Smirnova	
<i>Prospective uncertainty: The range of possible futures in physical prediction</i>	2230
Kevin Smith, Edward Vul	
<i>Let's Get Physical: Thinking with Things in Architectural Design</i>	2236
Daniel Smithwick, David Kirsh	
<i>Reading and writing direction effects on the aesthetic perception of photographs</i>	2242
Chahboun Sobh, Flumini Andrea, Carmen Pérez González, I. Chris McManus, Julio Santiago	
<i>Multiple Language Gender Identification for Blog Posts</i>	2248
Juan Soler-Company, Leo Wanner	
<i>Elemental Causal Learning from Transitions</i>	2254
Kevin Soo, Benjamin Rottman	
<i>Exploring the processing costs of the "exactly" and "at least" readings of bare numerals with event-related brain potentials</i>	2260
Maria Spsychalska, Jarmo Kontinen, Ira Noveck, Ludmila Roesch, Markus Werning	
<i>Attention dynamics in multiple object tracking</i>	2266
Nisheeth Srivastava, Ed Vul	
<i>Choosing fast and slow: explaining differences between hedonic and utilitarian choices</i>	2272
Nisheeth Srivastava, Ed Vul	
<i>Watch out! - An instruction raising students' epistemic vigilance augments their sourcing activities</i>	2278
Marc Stadtler, Johanna Maria Paul, Silke Globoschütz, Rainer Bromme	
<i>Social Situation Awareness: Empathic Accuracy in the Aircraft Cockpit</i>	2284
Irene Stepniczka, Livia Tomova, Dominik Niedermeier, Markus Peschl, Claus Lamm	

<i>Human behavior in contextual multi-armed bandit problems</i>	2290
Hrvoje Stojic, Pantelis P. Analytis, Maarten Speekenbrink	
<i>Toddlers Always Get the Last Word: Recency biases in early verbal behavior</i>	2296
Emily Sumner, Erika Deangelis, Mara Hyatt, Noah Goodman, Celeste Kidd	
<i>Generating Functions in Neural Learning of Sequential Structures</i>	2302
Yanlong Sun, Hongbin Wang	
<i>How learners use feedback information: Effects of social comparative information and achievement goals</i>	2308
Masayuki Suzuki, Tetsuya Toyota, Yuan Sun	
<i>Inhibition Failure is Mediated by a Disposition Toward Flexible Thinking</i>	2314
Alexander Swan, Russell Revlin	
<i>M3 - Situating Embodied Learning: Embedding Gestures in Narratives to Learn Mathematical FrActions in a digital tablet environment</i>	2320
Michael Swart, Benjamin Friedman, Sorachai Kornkasem, John B. Black, Jonathan Vitale	
<i>Memory foraging in a spatial domain</i>	2326
Janelle Szary, Chris Kello, Rick Dale	
<i>Formation of an art concept: A case study using quantitative analysis of a contemporary artist's interview data</i>	2332
Kikuko Takagi, Akihiro Kawase, Sawako Yokochi, Takeshi Okada	
<i>Memory Processes of Sequential Action Selection</i>	2338
Frank Tamborello, Gregory Trafton, Erik Altmann	
<i>The Effects of Criticism on Creative Ideation</i>	2344
Yuko Tanaka, Yasuaki Sakamoto, Noboru Sonehara	
<i>Adaptive Perceptual Learning in Electrocardiography: The Synergy of Passive and Active Classification</i>	2350
Khanh-Phuong Thai, Sally Krasne, Philip Kellman	
<i>Improving Lexical Memory Access and Decision Making Processes Using Cognitive Word Games</i>	2356
Kejkaew Thanasuan, Shane Mueller	
<i>Systemic Metaphors Promote Systems Thinking</i>	2362
Paul Thibodeau, Anna Winneg, Cindy Frantz, Stephen Flusberg	
<i>Comparing Metaphors Reveals their Persuasive Capacity</i>	2368
Paul Thibodeau, Karlyn Gehring	
<i>Metaphors Affect Reasoning: Measuring Effects of Metaphor in a Dynamic Opinion Landscape</i> .	2374
Paul Thibodeau, Peace Iyiewaure, Lera Boroditsky	
<i>The perception and memory of object properties: The role of attention, intention, and information detection</i>	2380
Brandon Thomas, Michael Riley	
<i>An Account of Associative Learning in Memory Recall</i>	2386
Robert Thomson, Aryn Pyke, Laura Hiatt, Greg Trafton	

<i>Representations of Time Affect Willingness to Wait for Future Rewards</i>	2392
Robert Thorstad, Aiming Nie, Phillip Wolff	
<i>Building the mental timeline: Spatial representations of time in preschoolers</i>	2398
Katharine Tillman, Nestor Tulagan, David Barner	
<i>How Sharp is Occam's Razor? Language Statistics in Cognitive Processing</i>	2404
Richard Tillman, Sterling Hutchinson, Max Louwerse	
<i>Addressee Backchannels Can Bias Third-Party Memory and Judgment</i>	2410
Jackson Tolins, Jean E Fox Tree	
<i>What drives "Unconscious" Multi-Attribute Decision-Making?</i>	2416
Sabine Topf, Eddy Davelaar	
<i>ERP indices of situated reference in visual contexts</i>	2422
Elli Tourtouri, Francesca Delogu, Matthew Crocker	
<i>Childhood SES affects anticipatory language comprehension in college-aged adults</i>	2428
Melissa Troyer, Arielle Borovsky	
<i>Hypothesis-Space Constraints in Causal Learning</i>	2434
Pedro Tsividis, Josh Tenenbaum, Laura Schulz	
<i>Social Eye Cue: How Knowledge Of Another Person's Attention Changes Your Own</i>	2440
Miles Tufft, Matthias Gobel, Daniel Richardson	
<i>Constructing meaning: Material products of a creative activity engage the social brain</i>	2446
Kristian Tylén, Johanne Stege Bjørndahl, Andreas Roepstorff, Riccardo Fusaroli	
<i>Why Stickiness is not Enough to Explain Persistence of Counterintuitive Religious Concepts</i>	2452
M. Afzal Upal	
<i>Insight and cognitive ecosystems</i>	2457
Frederic Vallee-Tourangeau, Sune Vork Steffensen, Gaelle Vallee-Tourangeau, Angeliki Makri	
<i>Predicting Lexical Norms Using a Word Association Corpus</i>	2463
Hendrik Vankrunkelsven, Steven Verheyen, Simon De Deyne, Gert Storms	
<i>Goals Affect the Perceived Quality of Explanations</i>	2469
Nadya Vasilyeva, Daniel Wilkenfeld, Tania Lombrozo	
<i>Explanations and Causal Judgments are Differentially Sensitive to Covariation and Mechanism Information</i>	2475
Nadya Vasilyeva, Tania Lombrozo	
<i>Emergence of systematic iconicity: transmission, interaction and analogy</i>	2481
Tessa Verhoef, Sean Roberts, Mark Dingemans	
<i>Manipulating the Contents of Consciousness: A Mechanistic-Manipulationist Perspective on Content-NCC Research</i>	2487
Alfredo Vernazzani	
<i>Spatial Perception is Continuously Constrained by Goals and Memories</i>	2493
David Vinson, Jerome Scott Jordan, Alycia Hund	

<i>Processing Overt and Null Subject Pronouns in Italian: a Cognitive Model</i>	2499
Margreet Vogelzang, Petra Hendriks, Hedderik van Rijn	
<i>Individual Belief Revision Dynamics in a Group Context</i>	2505
Igor Volzhanin, Ulrike Hahn, Martin Jonsson, Erik Olsson	
<i>Pattern Probabilities for Non-Dichotomous Events: A New Rational Contribution to the Conjunction Fallacy Debate</i>	2511
Momme von Sydow	
<i>The Tragedy of Inner-Individual Dilemmas</i>	2517
Momme von Sydow	
<i>Verbal Synchrony in Large Groups</i>	2523
Jorina von Zimmermann, Daniel Richardson	
<i>Executive Functions and Conceptual Change in Science and Mathematics Learning</i>	2529
Stella Vosniadou, Dimitrios Pnevmatikos, Nikos Makris, Kalliopi Eikospentaki, Despina Lepenioti, Anna Chountala, Giorgos Kyrianakis	
<i>Cross-Cultural Comparison of Peer Influence on Discovery Rate during Play</i>	2535
Shirlene Wade, Celeste Kidd	
<i>Why is Number Word Learning Hard? Evidence from Bilingual Learners</i>	2541
Katie Wagner, Katherine Kimura, Pierina Cheung, David Barner	
<i>The “Fundamental Attribution Error” is rational in an uncertain world.</i>	2547
Drew Walker, Kevin Smith, Ed Vul	
<i>The Role of Working Memory in Melodic Perception</i>	2553
Maegen Walker, Ahnate Lim, Scott Sinnett	
<i>The early emergence and puzzling decline of relational reasoning: Effects of prior knowledge and search on inferring “same” and “different”</i>	2559
Caren Walker, Sophie Bridgers, Alison Gopnik	
<i>Disambiguation Across the Senses: The Role of Discovery-Based Interference</i>	2565
Jenna Wall, William Merriman	
<i>Confidence Judgments and Eye Fixations Reveal Adults’ Fractions Knowledge</i>	2571
Jenna Wall, Clarissa Thompson, Bradley Morris	
<i>Infant Locomotion, the Language Environment, and Language Development: A Home Observation Study</i>	2577
Eric Walle, Anne Warlaumont	
<i>Power-law fluctuations in eye movements predict text comprehension during connected text reading</i>	2583
Sebastian Wallot, Beth O’Brien, Charles Coey, Damian Kelty-Stephen	
<i>Verbal Reports Reveal Strategies in Multiple-Cue Probabilistic Inference</i>	2589
Matthew Walsh, Michael Collins, Kevin Gluck	
<i>Musical improvisation: Multi-scaled spatiotemporal patterns of coordination</i>	2595
Ashley Walton, Mike Richardson, Peter Langland-Hassan, Anthony Chemero, Auriel Washburn	

<i>Modeling the Object Recognition Pathway: A Deep Hierarchical Model Using Gnostic Fields</i>	2601
Panqu Wang, Garrison Cottrell, Christopher Kanan	
<i>Statistical Structures in Artificial languages Prime Relative Clause Attachment Biases in English</i>	2607
Felix Wang, Mythili Menon, Elsi Kaiser	
<i>Characterizing the Difference Between Learning about Adjacent and Non-adjacent Dependencies</i>	2613
Felix Wang, Toben Mintz	
<i>Interpersonal Anticipatory Synchronization: The Facilitating Role of Short Visual-Motor Feedback Delays</i>	2619
Auriel Washburn, Rachel Kallen, Charles Coey, Kevin Shockley, Michael Richardson	
<i>Reasoning about sentience and animacy: Children's and adults' inferences about the properties of unseen entities</i>	2625
Kara Weisman, Ellen Markman, Carol Dweck	
<i>A Computational Model for Learning Structured Concepts From Physical Scenes</i>	2631
Erik Weitnauer, David Landy, Robert Goldstone, Helge Ritter	
<i>Reducing overconfidence in forecasting with repeated judgement elicitation</i>	2637
Matthew Welsh, Steve Begg	
<i>Using Ground Truths to Improve Wisdom of the Crowd Estimates</i>	2643
Andrew Whalen, Saiwing Yeung	
<i>When killing the heavy man seems right. Making people utilitarian by simply adding options to moral dilemmas</i>	2649
Alex Wiegmann, Karina Meyer	
<i>Transitivity is Not Obvious: Probing Prerequisites for Learning</i>	2655
Eliane Wiese, Rony Patel, Jennifer Olsen, Ken Koedinger	
<i>We Readily Anchor Upon Others, But it is Easier to Anchor on the Self</i>	2661
Daniel Willard, Art Markman	
<i>A Domain-Independent Model of Open-World Reference Resolution</i>	2667
Tom Williams, Matthias Scheutz	
<i>Visuo-spatial Working Memory and the Comprehension of Iconic Gestures</i>	2673
Ying Choon Wu, Bonnie Chinh, Seana Coulson	
<i>Contingent Labeling after Infants' Pointing Helps Infants Learn Words</i>	2679
Zhen Wu, Julie Gros-Louis	
<i>A fine-grained understanding of emotions: Young children match within-valence emotional expressions to their causes</i>	2685
Yang Wu, Paul Muentener, Laura Schulz	
<i>Assessing Masked Semantic Priming: Cursor Trajectory versus Response Time Measures</i>	2691
Kunchen Xiao, Takashi Yamauchi, Casady Bowman	
<i>General Language Ability Predicts Talker Identification</i>	2697
Xin Xie, Emily Myers	

<i>A Computational Evaluation of Two Laws of Semantic Change</i>	2703
Yang Xu, Charles Kemp	
<i>Semantic chaining and efficient communication: The case of container names</i>	2709
Yang Xu, Terry Regier, Barbara Malt	
<i>An adaptive cue combination model of spatial reorientation</i>	2715
Yang Xu, Terry Regier, Nora Newcombe	
<i>Assessing Emotions by Cursor Motions: An Affective Computing Approach</i>	2721
Takashi Yamauchi, Hwaryong Seo, Yoonsuck Choe, Casady Bowman, Kunchen Xiao	
<i>Learning of Time Varying Functions is Based on Association Between Successive Stimuli</i>	2727
Lee-Xieng Yang, Tzu-Hsi Lee	
<i>Towards an empirical test of realism in cognition</i>	2733
James Yearsley, Emmanuel Pothos	
<i>Diagnosticity: Some theoretical and empirical progress</i>	2739
James Yearsley, Emmanuel Pothos, Albert Barque-Duran, James Hampton	
<i>Learning of bimodally distributed quantities</i>	2745
Saiwing Yeung, Andrew Whalen	
<i>Efficient analysis-by-synthesis in vision: A computational framework, behavioral tests, and modeling neuronal representations</i>	2751
Ilker Yildirim, Tejas Kulkarni, Winrich Freiwald, Joshua Tenenbaum	
<i>Children's Online Processing of Ad-Hoc Implicatures</i>	2757
Erica J. Yoon, Yunan Charles Wu, Michael C. Frank	
<i>Linking Joint Attention with Hand-Eye Coordination – A Sensorimotor Approach to Understanding Child-Parent Social Interaction</i>	2763
Chen Yu, Linda Smith	
<i>Understanding young children's imitative behavior from an individual differences perspective</i>	2769
Yue Yu, Tamar Kushnir	
<i>Signatures of Domain-General Categorization Mechanisms in Color Word Learning</i>	2775
Daniel Yurovsky, Katie Wagner, David Barner, Michael Frank	
<i>Rethinking the Conceptual History of the Term 'Cognitive'</i>	2781
Nicholas Zautra	
<i>Consistency in Brain Activation Predicts Success in Transfer</i>	2787
Qiong Zhang, John R. Anderson, Robert E. Kass	
<i>Statistical Word Learning is a Continuous Process: Evidence from the Human Simulation Paradigm</i>	2793
Yayun Zhang, Daniel Yurovsky, Chen Yu	
<i>No One Left Behind: How Social Distance Affects Life-Saving Decision Making</i>	2799
Yufeng Zhang, Haotian Zhou, Mo Luan, Hong Li	
<i>A Bayesian hierarchical model of local-global processing: Visual crowding as a case-study</i>	2805
Shunan Zhang, Man Song, Angela Yu	

<i>In Search of Triggering Conditions for Spontaneous Visual Perspective Taking</i>	2811
Xuan Zhao, Corey Cusimano, Bertram F. Malle	
<i>The Impact of Granularity on Worked Examples and Problem Solving</i>	2817
Guojing Zhou, Thomas Price, Collin Lynch, Tiffany Barnes, Min Chi	
<i>More Than a Blood Pump: An Experimental Enquiry of the Folk Theory of the Heart</i>	2823
Haotian Zhou, Cacioppo John	
<i>You say potato, I say tǔdòu: How speakers of different languages share the same concept</i>	2829
Benjamin Zinszer, Andrew Anderson, Olivia Kang, Thalia Wheatley, Rajeev Raizada	

Publication-Based Presentations

<i>A Communal Exchange-based Framework for Cultural Evolution</i>	2835
Liane Gabora	
<i>The Eco-Cognitive Model of Abduction (EC-Model). Is Abduction Really Ignorance-Preserving?</i>	2837
Lorenzo Magnani	
<i>How the curse of intractability can be cognitive science's blessing</i>	2839
Iris van Rooij	

Member Abstracts

<i>Multiscale clustering of vocalizations during naturalistic infant-caregiver interactions</i>	2841
Drew Abney, Anne Warlaumont, D. Kimbrough Oller, Sebastian Wallot, Chris Kello	
<i>Priming Dynamic-Kinematic Routines Using Spatial Language</i>	2842
Deanne Adams, Christopher Galeucia, Jennifer Kolesari, Laura Carlson, Kenny Coventry	
<i>Searching for the best functional comparison to isolate neural processes related to response inhibition</i>	2843
Jacobo Albert, Alberto Sánchez-Carmona, Gerardo Santaniello, Sara López-Martín, Jose Antonio Hinojosa	
<i>A Theory of Information Processing for Large-Scale Brain Networks</i>	2844
Xerxes Arsiwalla, Paul Verschure	
<i>Cognitive representations of form in pop music: A probabilistic grammars approach</i>	2845
Richard Ashley	
<i>Cognitive Flexibility in Mathematics: Bilingual Children Show Cognitive Advantages</i>	2846
Natsuki Atagi, Catherine Sandhofer	
<i>Tense systems across languages support efficient communication</i>	2847
Geoff Bacon, Yang Xu, Terry Regier	
<i>Modelling insight: The case of the nine-dot problem</i>	2848
Adrian Banks, Thomas Ormerod, Patrice Rusconi, Jim MacGregor	
<i>Interpreting Visualizations of Uncertainty on Smartphone Displays</i>	2849
Trevor Barrett, Mary Hegarty, Grant McKenzie, Michael Goodchild	
<i>Cognitive productivity: Can cognitive science improve how knowledge workers' use IT to learn from source material?</i>	2850
Luc Beaudoin, Geneviève Gauthier, Phil Winne	

<i>It's all in the eye: multiple orders of motor planning in gaze control</i>	2851
Anna Belardinelli, Martin V. Butz	
<i>Watching Fictive Motion in Action: Discourse Data from the TV News Archive</i>	2852
Till Bergmann, Teenie Matlock	
<i>Valence vs. Value in Decision-Making in Depression</i>	2853
Nathaniel Blanco, W. Todd Maddox	
<i>Bridging the communicative gap between robots and humans, by analogy</i>	2854
Mark Blokpoel, Todd Wareham, J.p. de Ruiter, Pim Haselager, Ivan Toni, Iris van Rooij	
<i>Strategy differences do not account for gender difference in mental rotation</i>	2855
Alexander Boone, Mary Hegarty	
<i>Individual Differences in Coordinating Between Graphs and Equations of Functions: Effects of CMR Facilitation</i>	2856
Julie Booth, Jennifer Cromley, Theodore Wills, Walt Stepnowski, Thomas Shipley, William Zahner, Jessica Rossi	
<i>Assessing Two Dimensions of Gender Essentialism in Monolingual and Bilingual Adults</i>	2857
Jacob Brodsky, Kevin Holmes	
<i>Perceptual Learning in Mathematics Produces Durable Encoding Improvements</i>	2858
Carolyn Bufford, Philip Kellman	
<i>Creating You-Are-Here Maps: Mapping location and orientation using photographs</i>	2859
Heather Burte	
<i>Education, not age, predicts variable plural production in Yucatec Maya</i>	2860
Lindsay Butler, Rosa Couoh Pool	
<i>An Automatized Heider-Simmel Story Generation Tool</i>	2861
Martin V. Butz, Robert Geirhos, Jan Kneissler	
<i>A Computational Modeling Approach to Understanding Gender Differences in the Iowa Gambling Task</i>	2862
Kaileigh A. Byrne, Darrell A. Worthy	
<i>Selecting landmarks when giving directions to different addressees on campus</i>	2863
Laura Carlson, Jennifer Kolesari, Christopher Galeucia, Deanne Adams	
<i>The space of spatial relations: An extended stimulus set</i>	2864
Alexandra Carstensen, Yang Xu, Charles Kemp, Terry Regier	
<i>A Puzzle for your thoughts: Information about the difficulty of one task influences preschoolers' exploratory play with a novel toy</i>	2865
Amanda Castro, Elizabeth Bonawitz	
<i>Using Wordless Picture Books during Shared Reading Boost Language Production in Preschoolers</i>	2866
Leydi Chaparro-Moreno, Florencia Reali, Carolina Maldonado-Carreño	
<i>The Breadth and Depth of E-reading and Paper-reading</i>	2867
Jenn-Yeu Chen, Wan-Hsin Lee	

<i>Analyze Chinese Lexicon Project in the Chinese Character norms of traditional scripts</i>	2868
Sau-chin Chen, Chung-Ching Wang, Jon-Fan Hu	
<i>Implicit Association in Mathematics and Science</i>	2869
Yuliya Chernykhovskaya, Carolyn Jennings, Maryam Tabatabaeian	
<i>Age differences in information search: An exploration-exploitation tradeoff model</i>	2870
Jessie Chin, Evan Anderson, Chieh-Li Chin, Wai-Tat Fu	
<i>An Embodied Cognition Approach to Studying Emotional Words: The Impact of Positive Facial Experiences on Semantic Properties Judgment</i>	2871
Ching Chu, Chi-Lin Yu, Ya-Yun Chuang, Yueh-Lin Tsai, Jon-Fan Hu	
<i>Conceptual Combination Modulated by Action using Tangible Computers</i>	2872
Timothy Clausner, Mary Lou Maher, Berto Gonzales	
<i>Violence Metaphors in Presidential Debates</i>	2873
Chelsea Coe, Till Bergmann, Teenie Matlock	
<i>Optimal stopping in a natural sampling task</i>	2874
Anna Coenen, Todd Gureckis	
<i>Exemplar models can't see the forest for the trees</i>	2875
Nolan Conaway, Kenneth Kurtz	
<i>That's not the whole story: The role of reliability and credibility in evidential reasoning</i>	2876
Saoirse Connor Desai, David Lagnado	
<i>A holistic advantage in face drawing: higher accuracy when drawing upright faces</i>	2877
Jennifer Day, Nicolas Davidenko	
<i>Cultural Differences in Fluid Collaboration</i>	2878
Andrew Dayton, Barbara Rogoff	
<i>Informative Transitions: A Heuristic for Conditionalized Causal Strength Learning</i>	2879
Cory Derringer, Benjamin Rottman	
<i>A test of the somnolent mentation theory and the cognitive shuffle insomnia treatment</i>	2880
Nancy Digdon, Luc Beaudoin	
<i>Natural language quantifiers are exclusively linked to exact number skills</i>	2881
Sarah Dolscheid	
<i>Acoustic Correlates of Speaker Confidence: Can They Tell I Don't Know?</i>	2882
Krystal Duchi, Alison Kristoff, Schea Fissel, Jennifer Roche	
<i>Influences of task difficulty on initiation time and overall use of an external strategy</i>	2883
Timothy Dunn, Evan Risko	
<i>Body-centric and world-centric components of the large-scale horizontal-vertical illusion</i>	2884
Frank Durgin, Zhi Li, Brennan Klein	
<i>Distinguishing the Recent Past from the Complicated Present in Recognition Memory</i>	2885
Melody Dye, Rich Shiffrin	
<i>A Computational Model of Emotion and Personality in Mastery Motivational Oriented Students</i>	2886
Somayeh Fatahi, Hadi Moradi, Ali Nouri Zonoz	

<i>Can priming intuitions about the logic of sets promote logical evaluations of conjunctive probability judgments?</i>	2887
Jenny Faure-Bloom, Gaëlle Vallée-Tourangeau, Frédéric Vallée-Tourangeau	
<i>Interactions of emoticon valence and text processing</i>	2888
Laurie Feldman, Kit W. Cho, Cecilia Aragon, Judith Kroll	
<i>A Triple-Stopping Threshold System For a Sequential Decision Task: A Cast-Net Stopping Rule Model</i>	2889
Mario Fific, Marcus Buckmann	
<i>16-month-olds use language to generate expectations about the visual world</i>	2890
Allison Fitch, Patricia Ganea, Paul Harris, Zsuzsa Kaldy	
<i>Text Analytic Techniques in Survey Questionnaire Development and Analysis</i>	2891
John Ford	
<i>Wisdom of Randomly Assembled Small Crowds</i>	2892
Mirta Galesic, Daniel Barkoczi, Konstantinos Katsikopoulos	
<i>Using Advance Organizers to Improve Learning from Video</i>	2893
Emma Geller, James Stigler	
<i>The effects of spatial anxiety on memory for spatio-temporal scale</i>	2894
Devin Gill, Jeanine Stefanucci, Sarah Creem-Regehr, Erica Barhorst	
<i>Analogical reasoning performance and organization is influenced by the type of semantic distractors: an investigation with adults</i>	2895
Yannick Glady, Bob French, Jean-Pierre Thibaut	
<i>Individual Differences, Confirmation, and the Consideration of Alternative Causes</i>	2896
Kelly Goedert, Michelle Ellefson, Victoria Kerns	
<i>The Increased Use of Tablets In Education: Why Physical Learning Is Sometimes Better</i>	2897
Sara Goodman, Travis Seymour, Barrett Anderson	
<i>Exploring the mechanism of context-dependent memory</i>	2898
Chelsea Gordon, Michael Spivey	
<i>Economic Behavioral and Semantic Analysis of Generosity and Fairness in L'Arche Caregivers</i> .	2899
Mark Graves, Kevin Reimer, Andrea Beckum, Shaina Smith, Remya Nair, Michael Spezio, Warren Brown, Steven Quartz	
<i>Do infants compare ratios or use simpler heuristics in probabilistic inference?</i>	2900
Samantha Gualtieri, Elizabeth Bonawitz, Stephanie Denison	
<i>How are interaction between human and an autonomous agent affected by embodiments and voice?: Investigation with age groups comparison.</i>	2901
Etsuko, T. Harada, Riko Hasegawa, Wataru Kayano, Hirotaka Osawa	
<i>Which way to present product information is best for higher purchase intention</i>	2902
So-eun Her, Kwanghee Han	
<i>Social Influences on the Spatial Perspective-Taking Abilities of Males and Females</i>	2903
Nahal Heydari, Mary Hegarty, Margaret Tarampi	

<i>Twelve-month-olds differentiate between typical and atypical conversational timing</i>	2904
Elma E. Hilbrink, Marisa Casillas, Imme L. Lammertink, Stephen C. Levinson	
<i>Effects of lined traces and hand motion in underlining sentences on comprehension</i>	2905
Misaki Horie, Sachiko Kiyokawa	
<i>The influence of an inherence heuristic on scientific explanation</i>	2906
Zachary Horne, Andrei Cimpian	
<i>The Relationship Between Empathy and Humor use in Adolescents</i>	2907
Yong-Ru Hsiao, Yueh-Lin Tsai, Hsueh-Chih Chen, Jon-Fan Hu	
<i>The Relationship between Theory of Mind Abilities and Humor Comprehension</i>	2908
Jon-Fan Hu, Yueh Lin Tsai, Yong-Ru Hsiao, Yu-Chen Lin, Liang-Yu Shen, Li Tsao, Yu-Chen Chan, Hsueh-Chih Chen	
<i>Understanding the Cone of Uncertainty: Non-expert interpretations of hurricane forecast uncertainty visualizations</i>	2909
Ian T. Ruginski, Alexander P. Boone, Lace M.k. Padilla, Mary Hegarty, William B. Thompson, Donald H. House, Sarah H. Creem-Regehr	
<i>The Color of Music: Synesthesia or emotion-mediated cross-modal associations?</i>	2910
Erin Isbilen, Carol Lynne Krumhansl	
<i>The Effects of Art Experience, Competence in Artistic Creation, and Methods of Appreciation on Artistic Inspiration</i>	2911
Chiaki Ishiguro, Takeshi Okada	
<i>Effect of language on discrimination between warm and cold color hues.</i>	2912
Kirill Istomin, Irina Ilina, Oleg Uliashv	
<i>The specificity of the labeling effect on memory: what kinds of labels improve retrieval?</i>	2913
Anja Jamrozik, Dedre Gentner	
<i>Dogmas of Understanding in Western Art Music Performance</i>	2914
Linda T. Kaastra	
<i>Understanding developmental bottlenecks in active inquiry</i>	2915
George Kachergis, Marjorie Rhodes, Todd Gureckis	
<i>Use of Lexical Statistics for Compound Word Recognition and Segmentation in Turkish</i>	2916
Ozkan Kilic	
<i>NARS as a Normative Model of Cognition</i>	2917
Ozkan Kilic, Pei Wang	
<i>Social categories as ‘excluders’: Explaining stereotyping with connectionist modeling</i>	2918
Andre Klapper, Ron Dotsch, Iris van Rooij, Daniel Wigboldus	
<i>A Computational Model of Jazz Improvisation Inspired by Language</i>	2919
Cody Komers, Alan Yuille	
<i>Using Real-Time Computational Modeling to Individually Optimize Speech Category Learning</i> ..	2920
Seth Koslov, Nathaniel Blanco, Bharath Chandrasekaran, Todd Maddox	
<i>Figurative and Literal Action-Sentence Compatibility Effect in Japanese</i>	2921
Soichi Kozai, Katsunori Kotani, Markane Sipraseuth	

<i>Finding Meaning in Neuroaesthetics</i>	2922
Alexander Kranjec, Julia Sienkewicz, Corey Robinson, Amanda Buchheit	
<i>A Case-Based Reasoning Approach to Providing High-Quality Feedback on Computer Programming Exercises</i>	2923
Angelo Kyrilov, David Noelle	
<i>Linear Versus Non-Linear Policy Capturing in a Dynamic Classification Task</i>	2924
Daniel Lafond, Benoit Roberge-Valliere, Marie-Eve Saint-Louis, Sebastien Tremblay	
<i>The Effects of Worked Examples on Transfer of Statistical Reasoning</i>	2925
Marianna Lamnina, Daniel Fienup	
<i>The colors and textures of musical sounds</i>	2926
Thomas Langlois, Joshua Peterson, Stephen Palmer	
<i>"No way!": Similar contribution of visual and auditory cues to sarcasm comprehension</i>	2927
Alina Larson, John Collins, Nicolas Davidenko	
<i>Semantic Richness Effects in Memory</i>	2928
Mabel Lau, Winston Goh, Melvin Yap	
<i>Long-Term Memory and Working Memory can be Improved by Cognitive Training</i>	2929
David, M. Lim, Michael, D. Patterson	
<i>Vocabulary Size is Correlated with Non-Native Tone Sensitivity In English Learning Infants</i>	2930
Candise Lin, Toben Mintz	
<i>The Cognitive Niches of Knowledge-Based Decision Strategies</i>	2931
Daniela Link, Julian Marewski	
<i>Belief in the unbelievable: The relationship between tendencies to believe pseudoscience, paranormal, and conspiracy theories</i>	2932
Emilio Lobato, Corinne Zimmerman	
<i>Modern Symbolic Communication Through Non-Word Text</i>	2933
Milagros Florentina Lopez Obeso, Morgan Magnus Fleming	
<i>P3 as a neural index of response inhibition</i>	2934
Sara López-Martín, Jacobo Albert, Sandra Hoyos, Alberto Sánchez-Carmona, Luis Carretié	
<i>Topological Relations between Objects Are Categorically Coded</i>	2935
Andrew Lovett, Steve Franconeri	
<i>The Role of Embodiment on Children's Understanding and Motivation in Science Learning</i>	2936
Carol M. Lu, John B. Black	
<i>Inferring causal structure and hidden causes from event sequences</i>	2937
Christopher Lucas, Kenneth Holstein, Michael Pacer	
<i>Argument Strength Computation Based on Satisfiability Degree and Agents' Beliefs</i>	2938
Jian Luo, Fuan Pu, Guiming Luo	
<i>Asymmetry of causal inference in reading</i>	2939
Yingyi Luo, Manami Sato, Yunzhu Wang, Satoshi Ito, Hiromu Sakai	

<i>Does tactile softness and hardness alter our acceptance of utilitarian judgment?</i>	2940
Yoshimasa Majima, Hiroko Nakamura	
<i>Neural precursors of decisions that matter – an ERP study of the role of consciousness in deliberate and random choices</i>	2941
Uri Maoz, Liad Mudrik, Ram Rivlin, Gideon Yaffe, Ralph Adolphs, Christof Koch	
<i>Varying Effects of Subgoal Labeled Procedural Instructions in STEM Learning</i>	2942
Lauren Margulieux, Richard Catrambone	
<i>The role of text in scientific reasoning: Priming misconceptions can facilitate learning</i>	2943
Amy Masnick, Kristin Weingartner, Marisa Cohen	
<i>Speech and Print: Two Different Communication Media and Implications for Acquiring Literacy Naturally</i>	2944
Dominic Massaro	
<i>Acquisition of perceptual knowledge via information search</i>	2945
Miki Matsumuro, Kazuhisa Miwa, Hitoshi Terai, Misaki Kurita	
<i>How soon is now? The language of timing in joint activities</i>	2946
Gregory Mills	
<i>Invertible signals: A challenge for theories of communication</i>	2947
Jennifer Misyak, Takao Noguchi, Nick Chater	
<i>Harmonization effects between a word’s meaning and typography: An investigation using the visual world paradigm</i>	2948
Kozue Miyashiro, Etsuko T. Harada	
<i>Language input from child-directed speech and children’s picture books are different</i>	2949
Jessica Montag, Michael Jones, Linda Smith	
<i>Cognitive Modeling of Life Story: Reconstructing Our Memories from a Photo Library</i>	2950
Junya Morita, Takatsugu Hirayama, Kenji Mase, Kazunori Yamada	
<i>How semantic is unconscious semantic integration? A visual masking study</i>	2951
Liad Mudrik, Nathan Faivre, Sid Kouider, Christof Koch	
<i>A Computational Account of Novel Word Generalization</i>	2952
Aida Nematzadeh, Erin Grant, Suzanne Stevenson	
<i>How bookies make your money</i>	2953
Philip Newall	
<i>Choice Facilitates 4-Year-Olds’ Cognitive Flexibility</i>	2954
Allison O’Leary, Vladimir Sloustky	
<i>Alternating Estimation of Local Objective and Global Purpose by Two-Layer Model of Emphasizing Factors</i>	2955
Yoshimasa Ohmoto, Asami Matsumoto, Toyoaki Nishida	
<i>The Effect of the Structural Differences of Concepts on Learning by Drawing versus Reading Diagrams</i>	2956
Kayoko Ohtsu	

<i>Individual differences in the use of cues during insight problem solving</i>	2957
Ryo Orita, Masasi Hattori	
<i>Individual differences in older adults' working memory capacity and speed of using touch interfaces</i>	2958
Kazunori Otsuka	
<i>How did Homo Heuristicus become ecologically rational?</i>	2959
Maria Otworowska, Marieke Sweers, Robin Wellner, Todd Wareham, Iris van Rooij	
<i>Describing Causal Events: Evidence from Patients with Focal Brain Injury</i>	2960
Demet Ozer, Idil Bostan, Anjan Chatterjee, Tilbe Goksun	
<i>Sex Differences in Virtual Navigation Influenced by Scale, Visual Cues, Spatial Abilities and Lifetime Mobility</i>	2961
Lace Padilla, Sarah Creem-Regehr, Jeanine Stefanucci, Elizabeth Cashdan	
<i>Does Learning Magnitude Knowledge help Students Learn Procedural Knowledge or Vice Versa?</i>	2962
Rony Patel, Ken Koedinger	
<i>Finger Gnosis And Symbolic Number Comparison as Robust Predictors of Adult Numeracy</i>	2963
Marcie Penner-Wilger, Rylan Waring, Adam Newton, Cindel White	
<i>Emotionally mediated crossmodal correspondences affect classification performance</i>	2964
Joshua Peterson, Stephen Palmer	
<i>Semantic, not positional distances between words affect processing difficulty for sentences with relative clauses</i>	2965
Fenna Poletiek, Jun Lai	
<i>A PDP Account of Transitions in Conceptual Development</i>	2966
Robert Powers, David Plaut	
<i>How is the result of the categorization process represented?</i>	2967
Sandeep Prasada	
<i>Phonetic abilities of walking and crawling infants</i>	2968
Gina Pretzer, Anne Warlaumont, Eric Walle	
<i>Implicit learning in dynamic decision making: A glass-box approach</i>	2969
Sylvain Pronovost, Marie-Ève St-Louis, Daniel Lafond, Jean-François Gagnon, Sébastien Tremblay	
<i>An ERP study of syntactic anomaly processing in Mandarin sentences</i>	2970
Zhiying Qian, Susan Garnsey	
<i>Emotion and Morality: The Main Factors In Moral Judgment and Moral Behaviour</i>	2971
Nalini Ramlakhan	
<i>Yes, No, Maybe So: The Effect of Ambiguity, Falsification, and Confirmation on Re-Categorization</i>	2972
Jared Ramsburg, Stellan Ohlsson	
<i>The Social Evolution and Communicative Function of Noun Classification</i>	2973
Michael Ramscar, Melody Dye, Petar Milin, Richard Futrell	

<i>Sensitivity to communicative norms when deceiving without lying</i>	2974
Keith Ransom, Wouter Voorspoels, Amy Perfors, Daniel Navarro	
<i>Modeling the Role of Hippocampus in Extinction and Spontaneous Recovery</i>	2975
Jeffrey Rodny, David Noelle	
<i>Cultural consensus modeling of Tibetan Buddhist concepts in cognitive science: Enhancing cross-cultural science education through mutual understanding</i>	2976
Michael Romano, Geshe Dadul Namgyal, Tsondue Samphel, Carol Worthman	
<i>Influence of High and Low Groove Music on Postural Sway Dynamics</i>	2977
Jessica Ross, Anne Warlaumont, Lillian Rigoli, Ramesh Balasubramaniam	
<i>Asking useful questions: Active learning with rich queries</i>	2978
Anselm Rothe, Brenden Lake, Todd Gureckis	
<i>Brain activities related to target- versus trajectory-based strategies in visually-guided movement control: A functional MRI study</i>	2979
Je-Kwang Ryu, Hee Sun Eum, Kyoung-Min Lee	
<i>Accuracy and awareness of image veracity in human perceptions of manipulated and unmanipulated images</i>	2980
Caldwell Sabrina, Gedeon Tamás, Jones Richard, Copeland Leana	
<i>Individual Differences in Base-rate Neglect: A Computational Dual Process Model</i>	2981
Carlos Salas, Tim Sparer, Sabrina Velez, Thomas Griffin	
<i>Inference, Not Dilution in the Dilution Effect</i>	2982
Adam Sanborn, Takao Noguchi, James Tripp, Neil Stewart	
<i>Giving dyads the silent treatment: Anticipatory joint action and the need for external action feedback</i>	2983
Daniel Schloesser, Jiuyang Bai, Jerome Scott Jordan	
<i>Apple, pomme, manzana: Productive vocabulary and cognitive flexibility in bilingual preschoolers</i>	2984
Christina Schonberg, Natsuki Atagi, Catherine Sandhofer	
<i>The Effect of Spatial Representations on Discounting Rates</i>	2985
Andrea J. Sell, Terry Spehar-Fahey, Michael Gagliardo	
<i>The effect of empathy on comprehension and attitude in text reading</i>	2986
Hideaki Shimada	
<i>Decreasing Music Familiarity Increases Incorporation of Music Themes in a Generation Task</i> ..	2987
Cynthia Sifonis, Jonathan Saulter, William Fuss	
<i>Contextual determinants of category-based expectations during single-word recognition</i>	2988
Francis Smith, Danielle Reece, Padraic Monaghan, Morten Christiansen, Thomas Farmer	
<i>Distributed Cognition in the Age of Distributed Systems</i>	2989
Ethan Soutar-Rau, Brian Fisher	
<i>Alien Bacteria Found on Mars! A Model of Conceptual Change using the Re-categorization Paradigm</i>	2990
Tim Sparer, Jared Ramsburg, Carlos Salas, Stellan Ohlsson	

<i>Introducing the Cognitive Systems Institute Group</i>	2991
Jim Spohrer	
<i>The spiral of anxiety: a cognitive account</i>	2992
Nisheeth Srivastava	
<i>Topological Dependence of Rate Code Stability</i>	2993
William B. St. Clair, David C. Noelle	
<i>Is the listener really listening? Exploring the effect of verbal and gestural speaker cues on backchanneling.</i>	2994
Matthew Stave, Eric Pederson	
<i>Learning with Concrete and Virtual Manipulative Models: Are Models Scaffolds or Crutches?</i> ..	2995
Andrew Stull, Mary Hegarty	
<i>Real-world implementation of Newcomb's thought experiment, using mouse-tracking techniques</i> .	2996
Maryam Tabatabaieian, Shaun Pilkington, Rick Dale	
<i>Activation and Rejection of Irrelevant Meaning in Simile Sentences</i>	2997
Tomohiro Taira	
<i>Imagine That: The Relationship between Imagery Measures and Imagery Types</i>	2998
Margaret Tarampi, Boris Khanukayev, Rebecca Schaefer	
<i>Does prior knowledge reveal cognitive and metacognitive processes during learning with a hypermedia-learning system based on eye-tracking data?</i>	2999
Michelle Taub, Jesse J. Farnsworth, Roger Azevedo	
<i>Perceptual Learning with Adaptively-triggered Comparisons</i>	3000
Khanh-Phuong Thai, Sally Krasne, Philip Kellman	
<i>A Foreign Language Effect or a Language Proficiency Effect?</i>	3001
Paul Thibodeau, Evelyn Kalafus-Mastenbrook, Matias Berretta, Aliya Tuzhilin, Nupur Agrawal	
<i>Multiple Strategies in Conjunction and Disjunction Judgments: Most People are Normative Part of the Time</i>	3002
James Tripp, Adam Sanborn, Neil Stewart, Takao Noguchi	
<i>The differences of semantic features between Chinese concrete, abstract, and emotional concept</i> .	3003
Yueh-Lin Tsai, Chi-Lin Yu, Yong-Ru Hsiao, Shu-Ling Cho, Hsueh-Chih Chen, Jon-Fan Hu	
<i>Which Algorithms Can and Can't Learn Identity Effects in Phonological Grammars</i>	3004
Paul Tupper	
<i>Induction with Familiar and Newly-Learned Categories in Young Children</i>	3005
Layla Unger, Anna Fisher	
<i>An Empirical Examination of Barrett's Intuitive Expectation Sets</i>	3006
M. Afzal Upal	
<i>"The baking stick thing": Automatization of co-speech gesture during lexical access</i>	3007
Prakaiwan Vajrabhaya, Eric Pederson	
<i>Social network structure contributes to differences in language use</i>	3008
David Vinson, Rick Dale	

<i>Investigating the Visual/Analytic Shift in Students' Knowledge in Chemistry</i>	3009
Maria Vlacholia, Stella Vosniadou, Katerina Salta, Petros Roussos, Smaragda Kazi, Michael Sigalas, Chrysa Tsougraki	
<i>Gricean maxims influence inductive inference with negative observations</i>	3010
Wouter Voorspoels, Daniel Navarro, Amy Perfors, Keith Ransom	
<i>Interdependence of Fixations and Saccades</i>	3011
Sebastian Wallot, Charles Coey, Mike Richardson	
<i>Configural and featural face processing are modulated by spatial attention: evidence from event-related brain potentials</i>	3012
Hailing Wang, Shimin Fu	
<i>Cross-situational Word Learning Results in Explicit Memory Representations</i>	3013
Felix Wang, Toben Mintz	
<i>Developing an Integrated and Comprehensive Traditional Chinese Corpus Based on Multi-Character Words for Studying relations between words and lexicons</i>	3014
Chung-Ching Wang, Sau-chin Chen, Yueh Lin Tsai, Yong-Ru Hsiao, Jon-Fan Hu	
<i>Getting what you Ordered: Symbolic and Non-Symbolic Ordinality as Predictors of Exact and Approximate Calculation in Adults</i>	3015
Rylan J. Waring, Marcie Penner-Wilger	
<i>Culture, causal attributions, and development: A comparison of Chinese and U.S. 4-and 6-year-olds</i>	3016
Adrienne Wente, Sophie Bridgers, Xin Zhao, Yixin Cui, Elizabeth Seiver, Li Zhanxing, Liqi Zhu, Alison Gopnik	
<i>Context vs. Compositionality: How Do Context-induced Ad-hoc Affordances Interact with Semantically Stored Telic Information? – An ERP Study</i>	3017
Markus Werning, Jarmo Kontinen, Erica Cosentino	
<i>Multisensory Integration Induces Body Ownership of an External Tool</i>	3018
Veronica Weser, Gianluca Finotti, Dennis Proffitt	
<i>Semantic Processing in the Context of the PRP Paradigm: Structurally or Strategically Bottlenecked?</i>	3019
Darcy White, Derek Besner	
<i>Historical Cognition: An Investigation of Factors Affecting Reasoning about Historical Causality</i>	3020
Cindel White, Marcie Penner-Wilger, Graham Broad	
<i>Perspective Taking in Communicative Pointing: An Optimal Feedback Control Modeling Approach</i>	3021
Tobias Winner, Luc Selen, Lennart Verhagen, Pieter Medendorp, Ivan Toni, Iris van Rooij	
<i>Gestures in the TV News reflect mental number space: "Tiny" and "low" numbers</i>	3022
Bodo Winter, Marcus Perlman, Teenie Matlock	
<i>Children's ability to infer beliefs and desires from emotional reactions</i>	3023
Yang Wu, Chris Baker, Josh Tenenbaum, Laura Schulz	
<i>A model comparison on perception of arm movements in point-light display</i>	3024
Reiko Yakushijin, Sachiyo Ueda	

<i>Adaptation to Unexpected Word-Forms in Highly Predictive Sentential Contexts</i>	3025
Shaorong Yan, Thomas Farmer	
<i>Neural Basis of Episodic Memory Development: Evidence from Single Nucleotide Polymorphisms</i>	3026
Hyungwook Yim, Simon Dennis, Christopher Bartlett, Vladimir Sloutsky	
<i>Do we use L1 probabilistic phonotactics in L2 listening?</i>	3027
Michael C. W. Yip	
<i>Using false belief task to explore the effect of empathy situation on Theory of Mind function</i>	3028
Chi-Lin Yu, Min-Ying Wang, Pei-Wen Chen, Joe-Yi Yap, Jen-Shen Chang, Yong-Ru Hsiao, Jon-Fan Hu	
<i>What senses of agency can infants have?</i>	3029
Lorijn Zaadnoordijk, Sabine Hunnius, Marlene Meyer, Johan Kwisthout, Iris van Rooij	
<i>Categorical Perception of Labeled and Unlabeled ASL Facial Expressions in Hearing Non-signers</i>	3030
Hadar Zeigerson, Kevin Holmes	
<i>“Capturing the relations between metacognition, self-explanation, and analogical comparison: An exploration of two methodologies”</i>	3031
Cristina D. Zepeda, Timothy J. Nokes-Malach	
<i>Learning multiple kinds of associations during cross-situational word learning</i>	3032
Martin Zettersten, Erica Wojcik, Viridiana L. Benitez, Jenny Saffran	
<i>Statistical learning of auditory patterns as trajectories through a perceptually defined similarity space</i>	3033
Jason Zevin, Hao Wang	

Author Index