

## Table of Contents

<b>Introduction and Acknowledgements .....</b>	xli
<b>Committees .....</b>	xliii
<b>Conference and Proceedings Information .....</b>	xlvi
<b>Conference Awards .....</b>	liii
<b>Invited Presentations .....</b>	lvi
<b>Workshops</b>	
<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 &amp; 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	
<b>Tutorials</b>	
<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	
<b>Symposia</b>	
<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
Sieghard 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
Niloofar 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 Eliasmith	
<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 Girisken	
<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, Ylva 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, Lorijn Zaadnoordijk, Mark Dingemanse	
<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 Houpt, 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 Hrabić, 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 Kyungsook 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 Matusevych, 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-Sniper, 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, Christopher 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 ojalehto, 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 DELLALLES	
<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 Huette	

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

<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 Iyewaure, 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 Dingemanse	
<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 Sinnott	
<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	
<b>Publication-Based Presentations</b>	
<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	
<b>Member Abstracts</b>	
<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 Realí, 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 Zonozi	

<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 Gladys, 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 inheritance 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 Uliashev	
<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 Sienkiewicz, 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, Sébastien Tremblay	
<i>The Effects of Worked Examples on Transfer of Statistical Reasoning</i> .....	2925
Marianna Lamniina, 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 Ramlakan	
<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 Tabatabaeian, 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, Sachiyō 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	
<b>Author Index</b> .....	3034
<b>Reviewers List</b> .....	3054