

Table of Contents

Introduction	xliii
Conference Awards	xlvi
Committees	xlix
Invited Presentations	lii
Workshops	
<i>Contemporary Cognitive Approaches to Decision-Making</i>	1
Daniel Bartels, Oleg Urminsky, Todd Gureckis, and Jennifer Trueblood	
<i>Workshop Understanding Exploration-Exploitation Trade-offs</i>	3
Elizabeth Bonawitz, Alison Gopnik, and Celeste Kidd	
<i>Learning as program induction</i>	5
Neil Bramley, Eric Schulz, Fei Xu, and Josh Tenenbaum	
<i>Conceptual foundations of dynamic field theory: Applications in cognitive and developmental science</i>	7
Aaron Buss, Sammy Perone, and Ajaz Bhat	
<i>Massive Online Experiment in Cognitive Science</i>	9
Joshua K. Hartshorne, Josh de Leeuw, Laura Germine, Katharina Reinecke, and Mariela Jennings	
<i>Computational Methods and Systems for the Cognitive Modelling and Support of Creativity and Creative Problem Solving</i>	11
Ana-Maria Olteteanu	
Tutorials	
<i>Full Day Tutorial on Quantum Models of Cognition and Decision</i>	13
Jerome Busemeyer, Peter Bruza, Peter Kvam, and Zheng Wang	
<i>Half Day Tutorial on Measuring Mindfulness Behaviorally: Onsite and Online Data Collection with jsPsych</i> .	15
Samuel Nordli and Thomas Gorman	
<i>Mixed Models in R - An Applied Introduction</i>	17
Henrik Singmann	
<i>Statistics as Pottery: Bayesian Data Analysis using Probabilistic Programs</i>	19
Michael Tessler and Noah Goodman	
Symposia	
<i>Symposium on Event Predictive Cognition</i>	21
Martin Butz and Alistair Knott	
<i>The cognitive systems of visual and multimodal narratives</i>	23
Neil Cohn, Emily Coderre, Elizabeth O'Donnell, Aidan Osterby, and Lester Loschky	

<i>Dimension-based Attention in Learning and Understanding Spoken Language</i>	25
Frederic Dick, Lori Holt, Howard Nusbaum, Neeraj Sharma, and Barbara Shinn-Cunningham	
<i>Relational Categories: Why they're Important and How they are Learned</i>	27
Dedre Gentner, Nina Simms, Kenneth Kurtz, garrett honke, Sean Snoddy, Ken Forbus, Lindsey Richland, Bryan Matlen, Emily Lyons, and Ellen Klostermann	
<i>Models of Human Scientific Discovery</i>	29
Robert Goldstone, Alison Gopnik, Paul Thagard, and Tomer D. Ullman	
<i>Cognition under Pressure: Relationships between Anxiety, Executive Functions, and Mathematics</i>	31
Emily Lyons, Lindsey Richland, Priti Shah, Amira Ibrahim, Marci S. DeCaro, David B. Bellinger, Patricia Ralston, and Susanne Jaeggi	
<i>Percepts and Concepts Across Cultures</i>	33
Asifa Majid, Edward Gibson, Tanya Luhmann, Josh McDermott, and Artin Arshamian	
<i>Data Visualization as a Domain to Research Areas in Cognitive Science</i>	35
Caitlyn McColeman, Audrey Michal, Robert Goldstone, Karen Schloss, Jennifer Kaminski, and Jessica Hullman	
<i>Learning-to-Learn from Novice to Expertise: New Challenges and Approaches for One of the Oldest Topics of Cognitive Science</i>	37
Ray Perez, Wayne Gray, Michael Posner, Sophia Vinogradov, and Michelene Chi	
<i>Strategies and representations in physical inference</i>	39
Kevin Smith, Josh Tenenbaum, Erin Anderson, Susan Hespos, Lance Rips, Chaz Firestone, and Jessica Hamrick	
<i>Generalizations, from representation to transmission</i>	41
Michael Tessler, Noah Goodman, David Danks, Emily Foster-Hanson, Marjorie Rhodes, and Greg Carlson	
<i>Lexical evolution, cognition, and computation</i>	43
Yang Xu, Barbara C. Malt, and Mahesh Srinivasan	
Publication-based-Talks	
<i>A logical investigation of false-belief tasks</i>	45
Torben Brauner, Irina Polyanskaya, and Patrick Blackburn	
<i>Comparing Markov versus quantum dynamic models of changes in confidence during evidence monitoring</i> ..	47
Jerome Busemeyer, Peter Kvam, and Tim Pleskac	
<i>Understanding the Dynamics of Learning: The Case for Studying Interactions</i>	49
Paulo Carvalho	
<i>ICAP: How Students Engage to Learn</i>	51
Michelene Chi	
<i>Fine-Grained Event Structure Representations for Language: Aspect, Force Dynamics, Mental Spaces</i>	53
William Croft	
<i>Changing Minds Changing Tools: A Learning-Theoretic Approach to Language Acquisition</i>	55
Vsevolod Kapatsinski	

<i>Not Just a Window: Young Children Learn More from In-Person Events than Video-Mediated Events</i>	57
Heather Kirkorian	
<i>Toward a Resolution of the Debate on the Cognitive Penetrability of Perception</i>	59
Gary Lupyan	
<i>No coherent evidence for bilingual advantages in executive functioning</i>	61
Kenneth Paap	
<i>Ockham's Razor and Chimpanzee Mind-Reading</i>	63
Elliott Sober	
<i>Temporal Dynamics of Categorization: Is There a Best of Both Worlds?</i>	65
Haley Vlach	
<i>Global and Incremental Updating of Event Representations in Discourse</i>	67
Jeffrey Zacks, Heather Bailey, and Christopher Kurby	
<i>Information-theoretic efficiency and semantic variation: The case of color naming</i>	69
Noga Zaslavsky, Charles Kemp, Terry Regier, and Naftali Tishby	

Papers-Talks

<i>When teaching breaks down: Teachers rationally select what information to share, but misrepresent learners' hypothesis spaces</i>	70
Rosie Aboody, Joey Velez-Ginorio, Laurie Santos, and Julian Jara-Ettinger	
<i>Success does not imply knowledge: Preschoolers believe that accurate predictions reveal prior knowledge, but accurate observations do not</i>	76
Rosie Aboody, Holly Huey, and Julian Jara-Ettinger	
<i>Interruptions Lead to Improved Confidence-Accuracy Calibration: Response Time as an Internal Cue for Confidence</i>	82
Nathan Aguiar, Kevin Zish, Malcolm McCurry, and Greg Trafton	
<i>It's Complicated: Children Identify Relevant Information About Causal Complexity</i>	88
Richard Ahl, Erika DeAngelis, Auburn Stephenson, Sehrang Joo, and Frank Keil	
<i>Multimodal Surprisal in the N400 and the Index of Cognitive Activity</i>	94
Christine Ankener, Heiner Drenhaus, Matthew W. Crocker, and Maria Staudte	
<i>Evaluating Reading Support Systems through Reading Skill Test</i>	100
Teiko Arai	
<i>Look, I can do it! Young children forego opportunities to teach others to demonstrate their own competence</i> .	106
Mika Asaba and Hyowon Gweon	
<i>Young children use statistical evidence to infer the informativeness of praise</i>	112
Mika Asaba, Emily Hembacher, Helen Qiu, Brett Anderson, Michael Frank, and Hyowon Gweon	
<i>Comparing models of semantic fluency: Do humans forage optimally, or walk randomly?</i>	118
Johnathan Avery and Michael N. Jones	
<i>When criminals blow up... balloons. Associative and combinatorial information in the generation of on-line predictions in language</i>	124
Adriana Baltaretu and Craig Chambers	

<i>What Comes to Mind? A Mix of What's Likely and What's Good</i>	130
Adam Bear, Samantha Bensinger, Julian Jara-Ettinger, and Joshua Knobe	
<i>Cognitive and Experiential Interestingness in Abstract Visual Narrative</i>	136
Morteza Behrooz, Afshin Mobramaein, Arnav Jhala, and Jim Whitehead	
<i>A dynamic neural field model of memory, attention and cross-situational word learning</i>	142
Ajaz Bhat, John P Spencer, and Larissa K Samuelson	
<i>You can sweat the small stuff, too: Abstraction subordinates perceptual salience to the larger goal in a category learning paradigm</i>	148
David Bosch, Yaacov Trope, and Gregory Murphy	
<i>Sharing is not erring: Pseudo-reciprocity in collective search</i>	154
Imen Bouhleh, Charley M. Wu, Nobuyuki Hanaki, and Robert Goldstone	
<i>Recommendation as Generalization: Evaluating Cognitive Models In the Wild</i>	160
David Bourgin, Joshua Abbott, and Tom Griffiths	
<i>Bias in the Self-Knowledge of Global Communities</i>	166
Eleanor Brower and David Landy	
<i>Outputs as inputs: Sequential Models of the Products of Infant 'Statistical Learning' of Language</i>	172
Angelica Buerkin-Pontrelli, Joseph Coffey, and Daniel Swingley	
<i>A resource-rational analysis of human planning</i>	178
Frederick Callaway, Falk Lieder, Priyam Das, Sayan Gul, Paul Krueger, and Tom Griffiths	
<i>Multifunctionality in embodied agents: Three levels of neural reuse</i>	184
Madhavun Candadai and Eduardo Izquierdo	
<i>Tracking the Development of Automaticity in Memory Search with Human Electrophysiology</i>	190
Rui Cao, Thomas Busey, Robert Nosofsky, Richard Shiffrin, and Geoffrey Woodman	
<i>Contrasting Cases Enhance Transfer of Physics Knowledge from an Engineering Design Task</i>	196
Catherine Chase, Laura Malkiewich, and Aakash Kumar	
<i>Can Generic Neural Networks Estimate Numerosity Like Humans?</i>	202
Sharon Chen, Zhenglong Zhou, Mengting Fang, and Jay McClelland	
<i>Representations of the Self-Concept and Identity-Based Choice</i>	208
Stephanie Chen and Oleg Urminsky	
<i>Using object history to predict future behavior: Evidence for essentialism at 9 months of age</i>	214
Chen Cheng, Zsuzsa Kaldy, and Erik Blaser	
<i>Preschoolers are more likely to direct questions to adults than to other children (or selves) during spontaneous conversational acts</i>	220
Koeun Choi, Elizabeth Lapidow, Jennifer Austin, Patrick Shafto, and Elizabeth Bonawitz	
<i>Cognitive pragmatism: Children flexibly choose between facts and conjectures.</i>	226
Junyi Chu and Laura Schulz	
<i>Rapid Learning in Early Attentional Processing: Bayesian Estimation of Trial-by-Trial Updating</i>	232
Aaron Cochran, Joseph Austerweil, Vanessa Simmering, and C. Shawn Green	

<i>Where do measurement units come from?</i>	238
Kensy Cooperrider and Dedre Gentner	
<i>Constraints and Development in Children’s Block Construction</i>	244
Cathryn Cortesa, Jonathan Jones, Gregory Hager, Sanjeev Khudanpur, Barbara Landau, and Amy Shelton	
<i>What’s in an Association? The Relationship Between Similarity and Episodic Memory for Associations</i>	250
Gregory Cox and Amy Criss	
<i>Learning about Cyber Deception through Simulations: Predictions of Human Decision Making with Deceptive Signals in Stackelberg Security Games</i>	256
Edward Cranford, Christian Lebiere, Cleotilde Gonzalez, Sarah Cooney, Phebe Vayanos, and Milind Tambe	
<i>Perceptual Learning in Correlation Estimation: The Role of Learning Category Organization</i>	262
Lucy Cui, Christine Massey, and Philip J Kellman	
<i>Do children privilege phonological cues in noun class learning?</i>	268
Jennifer Culbertson, Hanna Jarvinen, Frances Haggarty, and Kenny Smith	
<i>Auditory scene analysis as Bayesian inference in sound source models</i>	274
Maddie Cusimano, Luke Hewitt, Josh Tenenbaum, and Josh McDermott	
<i>Learning to act by integrating mental simulations and physical experiments</i>	275
Ishita Dasgupta, Kevin Smith, Eric Schulz, Josh Tenenbaum, and Samuel Gershman	
<i>A Causal Model Approach to Dynamic Control</i>	281
Zach Davis, Neil Bramley, Bob Rehder, and Todd Gureckis	
<i>Causal Structure Learning with Continuous Variables in Continuous Time</i>	287
Zach Davis, Neil Bramley, and Bob Rehder	
<i>The Applicability and Benefits of Virtual Reality for the Cognitive Sciences</i>	293
Tycho de Back, Angelica M. Tinga, Rens van Hoef, Erwin M. Peters, and Max M. Louwerse	
<i>How to Open the “Window of Attention” in Serial Verb Constructions</i>	299
YU DENG	
<i>Low-level Visual Statistics in Infant-Perspective Scenes Change with Development</i>	305
Christina DeSerio, T. Rowan Candy, Jason Gold, and Linda Smith	
<i>Updating Prior Beliefs Based on Ambiguous Evidence</i>	306
Stephen Dewitt, David Lagnado, and Norman Fenton	
<i>Evidence for hierarchically-structured reinforcement learning in humans</i>	312
Maria Eckstein and Anne Collins	
<i>Cumulative improvements in iterated problem solving</i>	318
Pierce Edmiston, Maxime Derex, and Gary Lupyan	
<i>Human Causal Transfer: Challenges for Deep Reinforcement Learning</i>	324
Mark Edmonds, James Kubricht, Colin Summers, Yixin Zhu, Brandon Rothrock, Song-Chun Zhu, and Hongjing Lu	

<i>Shapes in Scatterplots: Comparing Human Visual Impressions and Computational Metrics</i>	330
Joseph Eilbert, Zameese Peters, Fernanda monteiro eliott, Keivan Stassun, and Maithilee Kunda	
<i>Effects of Illustration Details on Attention and Comprehension in Beginning Readers</i>	336
Cassandra Eng, Karrie Godwin, Kristen Boyle, and Anna Fisher	
<i>Contingent Responsiveness in Digital Storybooks: Effects on Children’s Comprehension and the Role of Individual Differences in Attention</i>	342
Cassandra Eng, Anthony Tomasic, and Erik Thiessen	
<i>Considering alternatives facilitates anomaly detection in preschoolers</i>	348
Jae Engle and Caren Walker	
<i>Social Value Learning Shifts Conceptual Representations of Faces</i>	354
Ariana Familiar and Sharon Thompson-Schill	
<i>Can a Recurrent Neural Network Learn to Count Things?</i>	360
Mengting Fang, Zhenglong Zhou, Sharon Chen, and Jay McClelland	
<i>Do Humans Navigate via Random Walks? Modeling Navigation in a Semantic Word Game</i>	366
Mohammad Isyroqi Fathan, Eli K. Renfro, Joseph Austerweil, and Nicole M. Beckage	
<i>Metaphor Framing in Multiple Communication Modalities</i>	372
Stephen Flusberg, Mark Lauria, and Paul Thibodeau	
<i>Folk economic beliefs moderate the effects of majority group status threat</i>	378
Stephen Flusberg, Alexia Toskos Dils, and Krystal Perkins	
<i>Word Learning as Network Growth: A Cross-linguistic Analysis</i>	384
Abdellah Fourtassi, Yuan Bian, and Michael Frank	
<i>A model of linguistic accommodation leading to language simplification</i>	390
Stella Frank and Kenny Smith	
<i>Task Expectations Influence Learning from Feedback</i>	396
Emily Fyfe and Sarah Brown	
<i>Consolidation and retention of auditory categories acquired incidentally in performing a visuomotor task</i> ..	402
Yafit Gabay, Avi Karni, and Lori Holt	
<i>Language in Context: Incorporating Demographic Embeddings into Language Understanding</i>	408
Justin Garten, Brendan Kennedy, Joe Hoover, Kenji Sagae, and Morteza Dehghani	
<i>What happened? Reconstructing the past through vision and sound</i>	409
Tobias Gerstenberg, Max Siegel, and Josh Tenenbaum	
<i>Wiggleometer: Measuring Selective Sustained Attention in Children</i>	410
Karrie Godwin and Anna Fisher	
<i>(Fake News Subtheme) More than just new evidence: How category learning fosters belief revision</i>	416
Micah Goldwater, Monica Bollen, and Josue Giron	
<i>An Ownership-Advantage in Preschoolers’ Future-Oriented Thinking</i>	422
Brandon Goulding, Cristina M. Atance, and Ori Friedman	

<i>Sequences of discrete attentional shifts emerge from a neural dynamic architecture for conjunctive visual search that operates in continuous time</i>	427
Raul Grieben, Jan Tekülve, Stephan Zibner, Sebastian Schneegans, and Gregor Schöner	
<i>The Impact of Gesture and Prior Knowledge on Visual Attention During Math Instruction</i>	433
Katharine Guarino, Elizabeth Wakefield, Miriam A. Novack, Eliza L. Congdon, Steven Franconeri, and Susan Goldin-Meadow	
<i>Emergence of Structured Behaviors from Curiosity-Based Intrinsic Motivation</i>	439
Nick Haber, Damian Mrowca, Li Fei-Fei, and Daniel L. K. Yamins	
<i>Partisan Representations: Partisan Differences in Semantic Representations and their Role in Attitude Judgments</i>	445
David Halpern and Pedro Rodriguez	
<i>Human Decisions on Targeted and Non-Targeted Adversarial Sample</i>	451
Samuel Harding, Prashanth Rajivan, Bennett Bertenthal, and Cleotilde Gonzalez	
<i>A Dynamic Object Recognition Model for Decisions Made Over Dynamic Stimuli</i>	457
Samuel Harding and Richard Shiffrin	
<i>Emerging abstractions: Lexical conventions are shaped by communicative context</i>	463
Robert Hawkins, Michael Franke, Kenny Smith, and Noah Goodman	
<i>Towards a Pedagogical Conversational Agent for Collaborative Learning</i>	469
Yugo Hayashi	
<i>Noisy Time Preference</i>	475
Lisheng He and Sudeep Bhatia	
<i>Modelling reference production using the simultaneity approach: A new look at referential success</i>	481
Daphna Heller and Suzanne Stevenson	
<i>An enhanced model of gemination in spelling: Evidence from a large corpus of typing errors</i>	487
Christopher Hepner, Svetlana Pinet, and Nazbanou Nozari	
<i>A resource model of phonological working memory</i>	493
Christopher Hepner and Nazbanou Nozari	
<i>How to use context to disambiguate overlapping categories: The test case of Japanese vowel length</i>	499
Kasia Hitczenko, Reiko Mazuka, Micha Elsner, and Naomi Feldman	
<i>Effectively Learning from Pedagogical Demonstrations</i>	505
Mark Ho, Michael L. Littman, Fiery Cushman, and Joseph Austerweil	
<i>Predictors of L2 word learning accuracy: A big data investigation.</i>	511
Elise Hopman, Bill Thompson, Joseph Austerweil, and Gary Lupyan	
<i>On the instrumental value of hypothetical and counterfactual thought</i>	517
Thomas Icard, Fiery Cushman, and Joshua Knobe	
<i>Arithmetic Sense Predicts Children’s Mathematical Achievement Better Than Arithmetic Fluency</i>	523
Soo-hyun Im and Sashank Varma	

<i>Do social media messages incorporated into television programming impact learning? The effects of disposition to critical thinking</i>	524
Miwa Inuzuka, Yuko Tanaka, and Mio Tsubakimoto	
<i>Feature Ratings and Empirical Dimension-Specific Similarity Explain Distinct Aspects of Semantic Similarity Judgments</i>	530
Marius Cătălin Iordan, Cameron Ellis, Michael Lesnick, Daniel Osherson, and Jonathan Cohen	
<i>A Neural Network Model of Complementary Learning Systems</i>	536
Mika Jain and Jack Lindsey	
<i>An Instance Theory of Distributional Semantics</i>	542
Randall Jamieson, Brendan Johns, Johnathan Avery, and Michael N. Jones	
<i>Modeling the Dunning-Kruger Effect: A Rational Account of Inaccurate Self-Assessment</i>	548
Rachel Jansen, Anna Rafferty, and Tom Griffiths	
<i>Conceptual and prosodic cues in child-directed speech can help children learn the meaning of disjunction</i> ..	554
Masoud Jasbi, Akshay Jaggi, and Michael Frank	
<i>From Dissimilar to Similar: Reverse Fading Assistance Improves Learning</i>	560
Jay Jennings and Kasia Muldner	
<i>Psychological Underpinnings of Zero-Sum Thinking</i>	566
Samuel Johnson, Jiewen Zhang, and Frank Keil	
<i>The Aesthetics of Mathematical Explanations</i>	572
Samuel Johnson and Stefan Steinerberger	
<i>Active Function Learning</i>	578
Angela Jones, Eric Schulz, Bjoern Meder, and Azzurra Ruggeri	
<i>n-task Learning: Solving Multiple or Unknown Numbers of Reinforcement Learning Problems</i>	584
Michael Jovanovich and Joshua Phillips	
<i>Effects of visual representations on fraction arithmetic learning</i>	590
Jennifer Kaminski	
<i>Assumption Violations in Forced-Choice Recognition Judgments: Implications from the Area Theorem</i>	596
David Kellen, Henrik Singmann, Sharon Yanxiu Chen, and Samuel Winiger	
<i>Understanding Attentional Selectivity, Flexibility, and Stability: A Dynamic Neural Field Model Predicts Behavior in 3- and 4-year-olds</i>	602
Anastasia Kerr-German, Kara Lowery, and Aaron Buss	
<i>Hierarchical Drift-Diffusion Model for Moral Dilemma: Understanding Reaction Times and Choices</i>	608
Richard Kim, Niccolo Pescetelli, Max Kleiman-Weiner, Edmond Awad, Sohan Dsouza, Josh Tenenbaum, and Iyad Rahwan	
<i>A Hidden Markov Model for Analyzing Eye-Tracking of Moving Objects</i>	609
Jaeah Kim, Shashank Singh, Anna Vande Velde, Erik Thiessen, and Anna Fisher	
<i>Statistical norm effects in causal cognition</i>	615
Lara Kirfel and David Lagnado	

<i>The Evolution of Cooperation in Cognitively Flexible Agents</i>	621
Max Kleiman-Weiner, Alejandro Vientós, David Rand, and Josh Tenenbaum	
<i>Early-Developing Causal Perception is Sensitive to Multiple Physical Constraints</i>	622
Jonathan Kominsky and Susan Carey	
<i>Retinotopically specific visual adaptation reveals the structure of causal events in perception</i>	628
Jonathan Kominsky and Brian Scholl	
<i>Word Frequency Can Affect What You Choose to Say</i>	629
Mark Koranda, Martin Zettersten, and Maryellen MacDonald	
<i>These boots are made for walking: Teleological generalizations from principled connections</i>	635
Joanna Korman and Sangeet Khemlani	
<i>A neural dynamic architecture that autonomously builds mental models</i>	641
Parthena Kounatidou, Mathis Richter, and Gregor Schöner	
<i>Inferring attention through cursor trajectories</i>	647
Kiran Kumar, Samuel Harding, and Richard Shiffrin	
<i>Dynamic and distributional properties of prices</i>	653
Peter Kvam and Jerome Busemeyer	
<i>But does it really do that? Using formal analysis to ensure desirable ACT-R model behaviour.</i>	659
Vincent Langenfeld, Bernd Westphal, Rebecca Albrecht, and Andreas Podelski	
<i>Exclusivity in causal reasoning</i>	665
Alexander LaTourrette, Matthew Myers, and Lance Rips	
<i>Computational Modeling of Cognitive Control in a Flanker Task</i>	671
Sang Ho Lee	
<i>“But He’s My Brother”: How Family Obligation Impacts Moral Judgments</i>	677
Junho Lee and Keith Holyoak	
<i>The Cognitive Mechanisms of Contractualist Moral Decision-Making</i>	683
Sydney Levine, Max Kleiman-Weiner, Nicholas Chater, Fiery Cushman, and Josh Tenenbaum	
<i>Communicative Efficiency, Uniform Information Density, and the Rational Speech Act Theory</i>	684
Roger Levy	
<i>Distinct patterns of syntactic agreement errors in recurrent networks and humans</i>	690
Tal Linzen and Brian Leonard	
<i>Determinants and Consequences of the Need for Explanation</i>	696
Emily Liquin and Tania Lombrozo	
<i>The Role of Generating Versus Choosing an Error in Children’s Later Error Correction</i>	702
Abbey Loehr, Lisa Fazio, and Bethany Rittle-Johnson	
<i>Drawings as a window into developmental changes in object representations</i>	708
Bria Long, Judith Fan, and Michael Frank	
<i>Adults and preschoolers seek visual information to support language comprehension in noisy environments</i>	714
Kyle MacDonald, Virginia Marchman, Anne Fernald, and Michael Frank	

<i>Partial source dependence and reliability revision: the impact of shared backgrounds</i>	720
Jens Madsen, Ulrike Hahn, and Toby Pilditch	
<i>Delegation of a task to a partner in cooperation with a human partner and with a system partner</i>	726
Akihiro Maehigashi, Kazuhisa Miwa, and Kazuaki Kojima	
<i>Feedback in the Time-Invariant String Kernel model of spoken word recognition</i>	732
James Magnuson	
<i>The psychophysics of society: Uncertain estimates of invisible entities</i>	738
Tyler Marghetis, Brian Guay, Anish Karlapudy, and David Landy	
<i>Crosslinguistic transfer as category adjustment: Modeling conceptual color shift in bilingualism</i>	744
Yevgen Matuskevych, Barend Beekhuizen, and Suzanne Stevenson	
<i>Analyzing and modeling free word associations</i>	750
Yevgen Matuskevych and Suzanne Stevenson	
<i>Your liking is my curiosity: a social popularity intervention to induce curiosity</i>	756
Hermish Mehta, Rachit Dubey, and Tania Lombrozo	
<i>Children’s Causal Interventions Combine Discrimination and Confirmation</i>	762
Yuan Meng, Neil Bramley, and Fei Xu	
<i>Enhancing Adaptive Learning through Strategic Scheduling of Passive and Active Learning Modes</i>	768
Everett Mettler, Christine Massey, Timothy Burke, Patrick Garrigan, and Philip J Kellman	
<i>An Adaptive Signal Detection Model applied to Perceptual Learning</i>	774
Percy Mistry, Joshua Skewes, and Michael Lee	
<i>Redefining heuristics in multi-attribute decisions: A probabilistic framework</i>	780
Percy Mistry and Jennifer Trueblood	
<i>The Intrinsic Cost of Dissent</i>	786
Prachi Mistry and Mimi Liljeholm	
<i>Value-guided choice sets support efficient planning</i>	792
Adam Morris, Jonathan Phillips, and Fiery Cushman	
<i>Estimating the costs of cognitive control from task performance: theoretical validation and potential pitfalls</i>	798
Sebastian Musslick, Jonathan Cohen, and Amitai Shenhav	
<i>Constraints associated with cognitive control and the stability-flexibility dilemma</i>	804
Sebastian Musslick, Seong Jun Jang, Michael Shvartsman, Amitai Shenhav, and Jonathan Cohen	
<i>Interspecies Distributed Cognition</i>	810
Zachariah A. Neemeh, Luis H. Favela, and Mary Amon	
<i>How Much Support is Optimal during Exploratory Learning?</i>	816
Phillip Newman and Marci S. DeCaro	
<i>Syntactic production is not independent of inhibitory control: Evidence from agreement attraction errors</i> ...	822
Nazbanou Nozari and Akira Omaki	
<i>Time-Based Resource Sharing in ARCADIA</i>	828
Kevin O’Neill, Will Bridewell, and Paul Bello	

<i>Evidence of Partial Number Word Knowledge on the Give-N Task</i>	834
Connor O’Rear, Nicole McNeil, and Patrick Kirkland	
<i>Adults use gradient similarity information in compositional rules</i>	840
Lauren Oey, Francis Mollica, and Steven Piantadosi	
<i>Building and Dismantling Trust: From Group Learning to Character Judgments</i>	846
Philip Parnamets, Tobias Granwald, and Andreas Olsson	
<i>Interpersonal Coordination of Perception and Memory in Real-Time Online Social Interaction</i>	852
Alexandra Paxton, Thomas J. H. Morgan, Jordan Suchow, and Tom Griffiths	
<i>Intuitive Statistics & Metacognition in Children and Adults</i>	858
Madeline Pelz and Laura Schulz	
<i>Stronger evidence isn’t always better: A role for social inference in evidence selection and interpretation</i>	864
Amy Perfors, Danielle Navarro, and Patrick Shafto	
<i>Human decision making in black swan situations</i>	870
Amy Perfors and Nicholas Van Dam	
<i>Capturing human category representations by sampling in deep feature spaces</i>	876
Joshua Peterson, Jordan Suchow, Krisha Aghi, Alexander Ku, and Tom Griffiths	
<i>Integrating dependent evidence: naïve reasoning in the face of complexity</i>	882
Toby Pilditch, Ulrike Hahn, and David Lagnado	
<i>Time and numbers on the fingers: Dissociating the mental timeline and mental number line</i>	888
Benjamin Pitt, Kamilah Scales, and Daniel Casasanto	
<i>Improving pre-algebraic thinking in preschoolers through patterning</i>	894
Tasha Posid, Sydney Clark, Megan Bonawitz, and Vladimir Sloutsky	
<i>Bilingual infants process mixed sentences differently in their two languages</i>	900
Christine Potter, Eva Fourakis, Elizabeth Morin-Lessard, Krista Byers-Heinlein, and Casey Lew-Williams	
<i>Articulating lay theories through graphical models: A study of beliefs surrounding vaccination decisions</i> ...	906
Derek Powell, Kara Weisman, and Ellen Markman	
<i>Task dynamics reveal how fraction values are constructed</i>	912
Richard Prather	
<i>Rote versus Rule: Revisiting the Role of Language in Mathematical Thinking</i>	918
Jake Qin and John Opfer	
<i>Bootstrapping from Language in the Analogical Theory of Mind Model</i>	924
Irina Rabkina, Clifton McFate, and Ken Forbus	
<i>Representational and sampling assumptions drive individual differences in single category generalisation</i> ..	930
Keith Ransom, Andrew Hendrickson, Amy Perfors, and Danielle Navarro	
<i>Same-different problems strain convolutional neural networks</i>	936
Matthew Ricci, Junkyung Kim, and Thomas Serre	
<i>Dorsal Premotor Cortex and Conditional Rule Resolution: A High-Frequency TMS Investigation</i>	942
Patrick Rice and Andrea Stocco	

<i>Episodic Control through Meta-Reinforcement Learning</i>	948
Samuel Ritter, Jane Wang, Zeb Kurth-Nelson, and Matthew Botvinick	
<i>Emergence of vowel-like organization in a color-based communication system</i>	954
Gareth Roberts and Robin Clark	
<i>This and that back in context: Grounding demonstrative reference in manual and social affordances</i>	960
Roberta Rocca, Mikkel Wallentin, Cordula Vesper, and Kristian Tilen	
<i>Dynamic speech adaptation to unreliable cues during intonational processing</i>	966
Timo Roettger and Michael Franke	
<i>Black Dialect Activates Violent Stereotypes</i>	972
Rebecca Rosen, Laura Staum Casasanto, Amritpal Singh, and Daniel Casasanto	
<i>The Phenomenology of Eye Movement Intentions and their Disruption in Goal-Directed Actions</i>	973
Maximilian Roszko, Lars Hall, Petter Johansson, and Philip Parnamets	
<i>Topics and Trends in Cognitive Science</i>	979
Anselm Rothe, Alexander Rich, and Zhiwei Li	
<i>Movement as a message: inferring communicative intent from actions</i>	985
Amanda Royka, Rosie Aboody, and Julian Jara-Ettinger	
<i>Joint inferences of speakers' beliefs and referents based on how they speak</i>	991
Paula Rubio-Fernandez and Julian Jara-Ettinger	
<i>Endogenous orienting in the archer fish</i>	997
William Saban, Shai Gabay, and Raymond M. Klein	
<i>Efficiency of learning vs. processing: Towards a normative theory of multitasking</i>	1002
Yotam Sagiv, Sebastian Musslick, Yael Niv, and Jonathan Cohen	
<i>A Rational Distributed Process-level Account of Independence Judgment</i>	1008
Ardavan SalehiNobandegani and Ioannis N. Psaromiligkos	
<i>Ecological Psychology and the Environmentalist Promise of Affordances</i>	1014
Guilherme Sanches de Oliveira	
<i>Emotion as a Form of Perception: Why William James was not a Jamesian</i>	1020
Guilherme Sanches de Oliveira	
<i>Using Deep-Learning Representations of Complex Natural Stimuli as Input to Psychological Models of Classification</i>	1025
Craig Sanders and Robert Nosofsky	
<i>Agent versus Non-Agent Motions Influence Language Production: Word Order and Perspective in a VOS language</i>	1031
Manami Sato, Keiyu Niikuni, Amy Schafer, and Masatoshi Koizumi	
<i>Intuitive archeology: Detecting social transmission in the design of artifacts</i>	1037
Adena Schachner, Timothy F. Brady, Kiani Oro, and Michelle Lee	
<i>Texture as a Diagnostic Signal in Mammograms</i>	1043
Yelda Semizer, Melchi Michel, Karla K Evans, and Jeremy M Wolfe	

<i>For Teaching Perceptual Fluency, Machines Beat Human Experts</i>	1049
Ayon Sen, Purav Patel, Martina Rau, Blake Mason, Robert Nowak, Timothy Rogers, and Jerry Zhu	
<i>Analyzing Human Negotiation using Automated Cognitive Behavior Analysis: The Effect of Personality</i> ..	1055
Pedro Sequeira and Stacy Marsella	
<i>Physical Inference for Object Perception in Complex Auditory Scenes</i>	1061
Max Siegel, Josh Tenenbaum, and Josh McDermott	
<i>Word length, proportion of overlap, and phonological competition in spoken word recognition</i>	1062
Elizabeth Simmons and James Magnuson	
<i>Using Ensembles of Cognitive Models to Answer Substantive Questions</i>	1068
Henrik Singmann, David Kellen, Eda Mizrak, and Ilke Öztekin	
<i>Monotonicity and the Complexity of Reasoning with Quantifiers</i>	1074
Jonathan Sippel and Jakub Szymanik	
<i>Assessing Singular Causation: The Role of Causal Latencies</i>	1080
Simon Stephan, Ralf Mayrhofer, and Michael R. Waldmann	
<i>Supervised Learning of Action Selection in Cognitive Spiking Neuron Models</i>	1086
Terrence Stewart, Sverrir Thorgeirsson, and Chris Eliasmith	
<i>Empirical Evidence from Neuroimaging Data for a Standard Model of the Mind</i>	1092
Andrea Stocco, John Laird, Christian Lebiere, and Paul Rosenbloom	
<i>The First Step in Harnessing the Self Conscious Emotions: A Quantitative Exploration of Shame</i>	1098
Jeremiah Sullins, Katie Console, Clayton Henrichson, Rebecca Denton, Shelby Roberts, and Katherine Howell	
<i>Preschoolers adapt their exploratory strategies to the information structure of the task</i>	1102
Nora Swaboda, Azzurra Ruggeri, and Alison Gopnik	
<i>Not unreasonable: Carving vague dimensions with contraries and contradictions</i>	1108
Michael Tessler and Michael Franke	
<i>Generalization of novel names for relations in comparison settings: the role of conceptual distance during learning and at test.</i>	1114
Jean-Pierre Thibaut and Arnaud Witt	
<i>Automatic Estimation of Lexical Concreteness in 77 Languages</i>	1120
Bill Thompson and Gary Lupyan	
<i>Children Don't Just Wanna Have Fun: An Experimental Demonstration Of Children's Curiosity For How Things Work.</i>	1126
Emmanuel Trouche, Aaron Chuey, Kristi Lockhart, and Frank Keil	
<i>A neurocognitive model for predicting the fate of individual memories</i>	1127
Shannon Tubridy, David Halpern, Lila Davachi, and Todd Gureckis	
<i>Game Theoretic Models of Clear versus Plain Speech</i>	1133
Paul Tupper, Jie Jian, Keith Leung, and Yue Wang	
<i>High Chances and Close Margins: How Different Forecast Formats Shape Beliefs</i>	1139
Oleg Urminsky, Lucy Shen, and Sondre Skarsten	

<i>A Neurobiologically Motivated Analysis of Distributional Semantic Models</i>	1145
Akira Utsumi	
<i>Neural measures of sensitivity to a culturally evolved space-time language: shared biases and conventionalization</i>	1151
Tessa Verhoef, Esther Walker, Tyler Marghetis, and Seana Coulson	
<i>A Meta-Analysis of Infants' Mispronunciation Sensitivity Development</i>	1157
Katie Von Holzen and Christina Bergmann	
<i>Folk philosophy of mind: Changes in conceptual structure between 4-9y of age</i>	1163
Kara Weisman, Carol Dweck, and Ellen Markman	
<i>Measuring Belief Bias with Ternary Response Sets</i>	1169
Samuel Winiger, Henrik Singmann, and David Kellen	
<i>A Case of Divergent Predictions Made by Delta and Decay Rule Learning Models</i>	1175
Darrell Worthy, A. Ross Otto, Astin Cornwall, Hilary Don, and Tyler Davis	
<i>Connecting conceptual and spatial search via a model of generalization</i>	1181
Charley M. Wu, Eric Schulz, Mona M. Garvert, Bjoern Meder, and Nicolas W. Schuck	
<i>Phonetic category activation drives dimension-based adaptive tuning in speech perception</i>	1187
Yunan Wu and Lori Holt	
<i>Children can use others' emotional expressions to infer their knowledge and predict their behaviors in classic false belief tasks</i>	1193
Yang Wu, Jennah Haque, and Laura Schulz	
<i>Adding types, but not tokens, affects the breadth of property induction</i>	1199
Belinda Xie, Brett Hayes, and Danielle Navarro	
<i>A context constructivist account of contextual diversity</i>	1205
Shaorong Yan, Francis Mollica, and Michael Tanenhaus	
<i>Beat gestures encode spatial semantics</i>	1211
De Fu Yap, Geoffrey Brookshire, and Daniel Casasanto	
<i>Factors Underlying Conceptual Change in the Sciences and Social Sciences</i>	1212
Angele Yazbec, Arielle Borovsky, and Michael Kaschak	
<i>Balancing informational and social goals in active learning</i>	1218
Erica Yoon, Kyle MacDonald, Mika Asaba, Hyowon Gweon, and Michael Frank	
<i>Exploring the Reality of the Knowledge Level: Pragmatism Embodied</i>	1224
Jeremy Young and Robert West	
<i>Developing A Cognitive Reflection Test for School-Age Children</i>	1230
Andrew Young, Allison Powers, Lesley Pilgrim, and Andrew Shtulman	
<i>Can Science Beat Out Intuition? Increasing the Accessibility of Counterintuitive Scientific Ideas</i>	1236
Andrew Young, Jasper Laca, Giovanna Dieffenbach, Eushrah Hossain, Devon Mann, and Andrew Shtulman	
<i>Any consensus will do: The failure to distinguish between 'true' and 'false' consensus</i>	1242
Sami Yousif, Rosie Aboody, and Frank Keil	

<i>Color naming reflects both perceptual structure and communicative need</i>	1248
Noga Zaslavsky, Charles Kemp, Naftali Tishby, and Terry Regier	
<i>Comparing Theories of Speaker Choice Using Classifier Production in Mandarin Chinese</i>	1254
Meilin Zhan and Roger Levy	
<i>Prominence in Multi-Attribute Choice: A Drift Diffusion Analysis</i>	1255
Wenjia Joyce Zhao and Sudeep Bhatia	
<i>Automatic Biases in Intertemporal Choice</i>	1261
Wenjia Joyce Zhao, Adele Diederich, Jennifer Trueblood, and Sudeep Bhatia	
<i>Assessing the Validity of Three Tasks of Risk-Taking Propensity: Behavioral Measure and Computational Modeling</i>	1267
Ran Zhou, Jay Myung, Carol Mathews, and Mark Pitt	

Papers-Posters

<i>Hand-Eye Coordination and Visual Attention in Infancy</i>	1268
Drew Abney, Hadar Karmazyn, Linda Smith, and Chen Yu	
<i>Parafoveal-on-Foveal Effects in High-Skill Spellers: Disambiguating Previews Influence Ambiguous Word Recognition</i>	1274
Ashley Abraham, Michael Eskenazi, Jennifer Roche, and Jocelyn Folk	
<i>Face Recognition and Bilingual Lexical Access: Familiarized faces prime performance in a written language-selection task</i>	1280
David Abugaber	
<i>From Middle School to Graduate School: Combining Conceptual and Simulation Modeling for Making Science Learning Easier</i>	1286
Akshay Agarwal, Taylor Hartman, and Ashok Goel	
<i>The Fractal Structure of Extended Communicative Performance</i>	1292
Camila Alviar, Rick Dale, and Christopher Kello	
<i>Preserved Structure Across Vector Space Representations</i>	1298
Andrei Amatuni, Estelle He, and Erika Bergelson	
<i>Auditory Versus Visual Stimulus Effects on Cognitive Performance During the N-back Task</i>	1304
Mary Amon and Bennett Bertenthal	
<i>Deep Convolutional Networks do not Perceive Illusory Contours</i>	1310
Nicholas Baker, Gennady Erlikhman, Philip J Kellman, and Hongjing Lu	
<i>What You Are Getting and What You Will Be Getting: Testing Whether Verb Tense Affects Intertemporal Choices</i>	1316
Akshina Banerjee and Oleg Urminsky	
<i>The Role of Affective Involvement and Knowledge in Processing Mixed Evidence for Social Issues</i>	1317
Megan Bardolph and Seana Coulson	
<i>A Novel Measure of Changes in Force Applied to the Perruchet Effect</i>	1323
Madeleine Bartlett, Amy Strivens, William G. Nicholson, R.P. McLaren, and IPL McLaren	

<i>How Second Language Learning is Helped and Hurt by Native Language Similarity</i>	1329
James Bartolotti, Aimee van den Berg, and Viorica Marian	
<i>That'll Teach 'em: How Expectations about Teaching Styles may Constrain Inferences</i>	1335
Ilona Bass, Patrick Shafto, and Elizabeth Bonawitz	
<i>Explaining Human Decision Making in Optimal Stopping Tasks</i>	1341
Christiane Baumann, Henrik Singmann, Vassilios E. Kaxiras, Samuel Gershman, and Bettina von Helversen	
<i>What Company Do Semantically Ambiguous Words Keep? Insights from Distributional Word Vectors</i>	1347
Barend Beekhuizen, Saša Milić, Blair Armstrong, and Suzanne Stevenson	
<i>An Attention-Driven Computational Model of Human Causal Reasoning</i>	1353
Paul Bello, Andrew Lovett, Gordon Briggs, and Kevin O'Neill	
<i>Preschoolers consider expected task difficulty to decide what to do and whom to help</i>	1359
Grace Bennett-Pierre, Mika Asaba, and Hyowon Gweon	
<i>Characterizing the Temporal Dynamics of Information in Visually Guided Predictive Control Using LSTM Recurrent Neural Networks</i>	1365
Kamran Binaee, Anna Starynska, Jeff Pelz, Christopher Kanan, and Gabriel Diaz	
<i>Exploration and Attention in Young Children</i>	1371
Nathaniel Blanco and Vladimir Sloutsky	
<i>Analysis of human problem solving drafts: a methodological approach on the example of Rush Hour</i>	1377
Mareike Bockholt, Olaf Peters, Susanne Narciss, and Katharina A. Zweig	
<i>Follow my Language! Effect of Power Relations on Syntactic Alignment</i>	1383
Reihane Boghrati and Morteza Dehghani	
<i>Crosswords, Quiz Shows, and the Geometry of Question-Asking</i>	1389
Christina Boyce-Jacino and Simon DeDeo	
<i>Grounding Compositional Hypothesis Generation in Specific Instances</i>	1390
Neil Bramley, Anselm Rothe, Josh Tenenbaum, Fei Xu, and Todd Gureckis	
<i>Changing Signs: Testing How Sound-Symbolism Supports Early Word Learning</i>	1396
James Brand, Padraic Monaghan, and Peter Walker	
<i>How you learned matters: The process by which others learn informs young children's decisions about whom to ask for help</i>	1402
Sophie Bridgers, Hyowon Gweon, Maria Bretzke, and Azzurra Ruggeri	
<i>Enumeration by pattern recognition requires attention: Evidence against immediate holistic processing of canonical patterns</i>	1408
Gordon Briggs, Christina Wasylyshyn, and Paul Bello	
<i>How do people evaluate problem-solving strategies? Efficiency and intuitiveness matter</i>	1414
Sarah Brown, David Menendez, and Martha Alibali	
<i>Construct Validity of Procedural Memory Tasks Used in Adult-Learned Language</i>	1420
Joshua Buffington and Kara Morgan-Short	

<i>The production and comprehension of variable number agreement</i>	1426
Lindsay Butler	
<i>REPRISE: A Retrospective and Prospective Inference Scheme</i>	1427
Martin Butz, David Bilkey, Alistair Knott, and Sebastian Otte	
<i>Testing Theories of Working Memory and Their Links to Mathematics Achievement (Education)</i>	1433
Dr. James P. Byrnes and Dana Miller-Cotto	
<i>The Modulatory Effect of Expectations on Memory Retrieval During Sentence Comprehension</i>	1434
Luca Campanelli, Julie A. Van Dyke, and Klara Marton	
<i>The Acquisition of Vowel Harmony from Simple Local Statistics</i>	1440
Spencer Caplan and Jordan Kodner	
<i>Word Learning as Category Formation</i>	1446
Spencer Caplan	
<i>Child-guided math practice: The role of regulatory emotional self-efficacy for children experiencing homelessness</i>	1452
Macey Cartwright, Heidi Kloos, Quintino Mano, and Casey Hord	
<i>Not all Active Learning is Equal: Predicting and Explaining Improves Transfer Relative to Answering Practice Questions</i>	1458
Paulo Carvalho, Kody Manke, and Ken Koedinger	
<i>The Cognitive Processes Underlying Moral Judgment Across Development</i>	1464
Lisa Chalik, Jay Van Bavel, and Marjorie Rhodes	
<i>Words and non-speech sounds access lexical and semantic knowledge differently</i>	1470
Peiyao Chen, James Bartolotti, Scott Schroeder, Sirada Rochanavibhata, and Viorica Marian	
<i>Optimal face recognition performance involves a balance between global and local information processing: Evidence from cultural difference</i>	1476
Zhijie Cheng, William G. Hayward, William G. Hayward, Antoni Chan, and Janet Hsiao	
<i>Improving predictions of polite and frustrated speech using linguistic features associated with different cognitive states in children</i>	1482
Cindy Chiang, Jacqueline Brixey, James Gibson, and Morteza Dehghani	
<i>Shaping Perceptions by Hand: The Influence of Motor Fluency on Facial Expression Judgment</i>	1488
Julia Chirls, Maddy Kaplan, Yosan Gebre-Ab, Mia Ortiz, and Lauren Howard	
<i>Illusory causation and outcome density effects with a continuous and variable outcome</i>	1494
Julie Chow, Hilary Don, Ben Colagiuri, and Evan Livesey	
<i>Mechanistic Knowledge Generalizes Differentially</i>	1500
Aaron Chuey, Mark Sheskin, and Frank Keil	
<i>Multiple anchors and the MOLE: Benefits for elicitation</i>	1506
Marianne Clausen and Matthew Welsh	
<i>The role of fast speech in sound change</i>	1512
Uriel CohenPriva and Emily Gleason	

<i>Distinct behaviors in convergence across measures</i>	1518
Uriel CohenPriva and Chelsea Sanker	
<i>Are emoji a poor substitute for words? Sentence processing with emoji substitutions</i>	1524
Neil Cohn, Tim Roijackers, Robin Schaap, and Jan Engelen	
<i>L2 Speakers' Reference Resolution in Processing and Production</i>	1530
Derya Cokal, Sturt Patrick, and Fernanda Ferreira	
<i>Awesome play: Awe increases preschooler's exploration and discovery</i>	1536
Joseph Colantonio II and Elizabeth Bonawitz	
<i>Some misinformation is more easily countered: An experiment on the continued influence effect</i>	1542
Saoirse Connor Desai and Stian Reimers	
<i>The Role of Conceptual Structure in Mathematical Explanation</i>	1548
Nathan Couch	
<i>Beyond Skill: Predictive Modeling with Individual and Team Attributes in League of Legends</i>	1554
Malia Crane, Sarah Farmer, Scott Appling, and erica briscoe	
<i>Functional Load and Frequency as Predictors of Consonant Emergence across Five Languages</i>	1560
Margaret Cychosz	
<i>Catastrophic Interference in Neural Embedding Models</i>	1566
Prudhvi Raj Dachapally and Michael N. Jones	
<i>Changing Minds: The Effect of Stimulated Attention to Another's Different Point of View on Visual Perspective-Taking</i>	1572
Debby Damen, Marije van Amelsvoort, Per van der Wijst, and Emiel Kraemer	
<i>The Curse of Knowing: The Influence of Explicit Perspective-Awareness Instructions on Perceivers' Perspective-Taking</i>	1578
Debby Damen, Per van der Wijst, Marije van Amelsvoort, and Emiel Kraemer	
<i>Multinomial Processing Models for Syllogistic Reasoning: A Comparison</i>	1584
Hannah Dames, Jan Ole von Hartz, Mario Kantz, Nicolas Riesterer, and Marco Ragni	
<i>Towards a physio-cognitive model of deep slow-breathing</i>	1590
Christopher Dancy and Jong Kim	
<i>Evaluating Compositionality in Sentence Embeddings</i>	1596
Ishita Dasgupta, Demi Guo, Andreas Stuhlmüller, Samuel Gershman, and Noah Goodman	
<i>Presence is Key: Unlocking Performance Benefits of Immersive Virtual Reality</i>	1602
Tycho de Back, Rens van Hoef, Angelica M. Tinga, and Max M. Louwerse	
<i>Learning word meaning with little means: An investigation into the inferential capacity of paradigmatic information</i>	1608
Simon De Deyne, Amy Perfors, and Danielle Navarro	
<i>IQ and working memory predict plan-based sequential action learning</i>	1614
Roy de Kleijn, George Kachergis, and Bernhard Hommel	
<i>Optimized behavior in a robot model of sequential action</i>	1615
Roy de Kleijn, George Kachergis, and Bernhard Hommel	

<i>A graph-based model to discover preference structure from choice data</i>	1616
Cristobal De la maza, Alex Davis, Cleotilde Gonzalez, and Ines Azevedo	
<i>Comparing Mediation Inferences and Explaining Away Inferences on Three Variable Causal Structures</i>	1622
Cory Derringer and Benjamin Rottman	
<i>Children Use Probability to Infer Other People’s Happiness</i>	1628
Tiffany Doan, Ori Friedman, and Stephanie Denison	
<i>Is the blocking effect sensitive to causal model? It depends how you ask</i>	1633
Hilary Don and Evan Livesey	
<i>Putting the Probability Heuristics Model to the Test</i>	1639
Lukas Elflein and Marco Ragni	
<i>How to collect data to simulate the dynamic of trains-passengers’ interaction</i>	1645
Fatma Elleuch, Stephanie Donnet, Axel Buendia, stephane natkin, and Charles Tijus	
<i>Children’s Representations of Five Spatial Terms</i>	1651
Jennifer Ellis, Hilary Miller, Lu Ou, and Vanessa Simmering	
<i>Learning Inductive Biases with Simple Neural Networks</i>	1657
Reuben Feinman and Brenden Lake	
<i>Beyond Principles and Outcomes: Children Determine Fairness Based on Attention and Exactness</i>	1663
Madison Flowers, Rosie Aboody, and Julian Jara-Ettinger	
<i>Saving-enhanced memory in the real world</i>	1669
Stephen Flusberg and Avianca Ramos	
<i>Attention Selectively Boosts Learning of Statistical Structure</i>	1674
Tess Allegra Forest and Amy Sue Finn	
<i>Confidence Levels in Scientific Writing: Automated Mining of Primary Literature and Press Releases</i>	1680
Will Fox and Thomas Donoghue	
<i>The effect of expertise on auditory categorization: a domain-specific or domain-general mechanism?</i>	1686
Marjorie Freggens and Mark Pitt	
<i>A Computational Model of the Acquisition of German Case</i>	1687
Daniel Freudenthal, Julian M. Pine, and Fernand Gobet	
<i>Tiptoeing around it: Inference from absence in potentially offensive speech</i>	1693
Monica Gates, Tess Veuthey, Michael Tessler, Kevin Smith, Tobias Gerstenberg, Laurie Bayet, and Josh Tenenbaum	
<i>Word learning and the acquisition of syntactic–semantic overhypotheses</i>	1699
Jon Gauthier, Roger Levy, and Josh Tenenbaum	
<i>Testing Expectancy, but not Judgements of Learning, Moderate the Disfluency Effect</i>	1705
Jason Geller and Mary Still	
<i>Preschoolers use analogy to facilitate innovative problem-solving</i>	1711
Sarah Gerson, Emily Burdett, and Sarah Beck	

<i>Toddlers and Adults Simultaneously Track Multiple Hypotheses in a Causal Learning Task</i>	1717
Mariel Goddu and Caren Walker	
<i>Examination of the Role of Book Layout, Executive Function, and Processing Speed On Children’s Decoding and Reading Comprehension</i>	1723
Karrie Godwin, Cassondra Eng, Rachael Todaro, Grace Murray, and Anna Fisher	
<i>If You Don’t Like It, You Won’t Get It: Attitudes Toward Statistics Predict Text Comprehension and Metacomprehension Accuracy on Statistics Texts</i>	1729
Stefanie Golke and Jörg Wittwer	
<i>Does Training in Inhibition and Working Memory Influence Analogical reasoning and Theory of Mind in Young Children?</i>	1735
Kristina Gotseva-Balgaranova and Milena Mutafchieva	
<i>Individual Differences in Relational Reasoning</i>	1741
Maureen Gray and Keith Holyoak	
<i>Decisions about time in public transport</i>	1747
Pablo Guarda, Paula Parpart, Nigel Harvey, and Juan Carlos Muñoz	
<i>Effects of text availability and reasoning processes on test performance</i>	1748
Tricia Guerrero and Jennifer Wiley	
<i>Gender Categories as Dual-Character Concepts?</i>	1754
Cai Guo, Carol Dweck, and Ellen Markman	
<i>How Communication Can Make Voters Choose Less Well</i>	1760
Ulrike Hahn, Momme von Sydow, and Christoph Merdes	
<i>An Information-Theoretic Explanation of Adjective Ordering Preferences</i>	1766
Michael Hahn, Judith Degen, Noah Goodman, Dan Jurafsky, and Richard Futrell	
<i>Cognitive Load Affects Temporal and Numerical Judgments in Distinct Ways</i>	1772
Karina Hamamouche, Maura Keefe, Kerry Jordan, and Sara Cordes	
<i>Relational inductive bias for physical construction in humans and machines</i>	1773
Jessica Hamrick, Kelsey Allen, Victor Bapst, Tina Zhu, Kevin McKee, Josh Tenenbaum, and Peter Battaglia	
<i>Multiple heads outsmart one: A computational model for distributed decision making</i>	1779
Masoumeh Heidari Kapourchali and Bonny Bannerjee	
<i>Are morphological effects modulated by semantic similarity? A study of priming in Quebec French</i>	1785
Katherine Hill and Laura Gonnerman	
<i>Transfer in gesture: L2 placement event descriptions</i>	1791
Marieke Hoetjes	
<i>Reduced Phonemic Convergence in Autism Spectrum Disorder</i>	1797
Anders Hogstrom, Rachel Theodore, Allison Canfield, Brian Castelluccio, Joshua Green, Christina Irvine, and Inge-Marie Eigsti	
<i>Drivers of Incidental Category Learning</i>	1803
Lori Holt, Casey Roark, Matthew Lehet, and Frederic Dick	

<i>Speakers' choice of frame based on reference point: With explicit reason or affected by irrelevant prime? ..</i>	1809
Hidehito Honda, Masaru Shirasuna, Toshihiko Matsuka, and Kazuhiro Ueda	
<i>Conceptual constraints on generating explanations</i>	1815
Zachary Horne and Sangeet Khemlani	
<i>Does extraneous perception of motion affect gesture production?</i>	1821
Autumn Hostetter, Kira Boneff, and Martha Alibali	
<i>Skilled Bandits: Learning to Choose in a Reactive World</i>	1827
Jared Hotaling, Danielle Navarro, and Ben Newell	
<i>A generative model of people's intuitive theory of emotions: inverse planning in rich social games</i>	1833
Sean Houlihan, Max Kleiman-Weiner, Josh Tenenbaum, and Rebecca Saxe	
<i>Order matters: Distributional properties of speech to young children bootstraps learning of semantic representations</i>	1834
Philip Huebner	
<i>Experimental Evidence of Emotional Learning in the Iowa Gambling Task</i>	1835
Courtney Humeny, Kasia Muldner, and Robert West	
<i>Labeling Common and Uncommon Fractions Across Notation and Education</i>	1841
Michelle Hurst and Sara Cordes	
<i>Evidence that the Attention Blink Reflects Categorical Perceptual Dynamics</i>	1847
Lucas Huszar and David Huber	
<i>Symbol grounding and system construction in the color lexicon</i>	1853
Mutsumi Imai, Shohei Hidaka, Noburo Saji, and Masato Ohba	
<i>Bridging artificial and natural language learning: Comparing processing- and reflection-based measures of learning</i>	1859
Erin Isbilen, Rebecca Frost, Padraic Monaghan, and Morten Christiansen	
<i>Pragmatic Inference of Intended Referents from Binomial Word Order</i>	1865
Anna Ivanova and Roger Levy	
<i>Understanding Human Social Kinematics Using Virtual Agents</i>	1871
David Jeong, Dan Feng, and Stacy Marsella	
<i>Midpoints and Endpoints in Event Perception</i>	1877
Yue Ji and Anna Papafragou	
<i>Asymmetric Use of Information About Past and Future: Toward a Narrative Theory of Forecasting</i>	1883
Samuel Johnson and David Tuckett	
<i>Measuring individual differences in cognitive effort avoidance</i>	1889
Ion Juvina, Jeff Nador, Othalia Larue, Randall Green, Assaf Harel, and Brandon Minnery	
<i>DeepColor: Reinforcement Learning optimizes information efficiency and well-formedness in color name partitioning</i>	1895
Mikael Kågeback, Devdatt Dubhashi, and Asad Sayeed	
<i>Scalar Language is Shaped by the Statistical Properties of the Environment</i>	1901
Dariusz Kalociński	

<i>The Effects of Background Noise on Native and Non-native Spoken-word Recognition: A Computational Modelling Approach</i>	1902
Themis Karaminis and Odette Scharenborg	
<i>How World Knowledge Shifts Adjective Interpretation</i>	1908
Sara Kessler	
<i>The Effects of Greed and Fear in Symmetric and Asymmetric Volunteer's Dilemma</i>	1914
Boyoung Kim, Johannes Ullrich, and Joachim Krueger PhD	
<i>Cognitive Processes in Numerosity Comparison: Theory and Data</i>	1920
Dan Kim and John Opfer	
<i>Resting State Functional Connectivity in Children: A New Paradigm</i>	1921
Jaeah Kim, Alexander Ruesch, Theodore J. Huppert, Jana Kainerstorfer, Erik Thiessen, and Anna Fisher	
<i>Coupling Perception with Action: A Dynamic Account of the Effect of Action on Memory</i>	1927
Kaleb Kinder and Aaron Buss	
<i>Learning distributions as they come: Particle filter models for online distributional learning of phonetic categories</i>	1933
Dave Kleinschmidt	
<i>Seeking Ideal Explanations in a Non-Ideal World</i>	1939
Elizabeth Kon and Tania Lombrozo	
<i>Learning Variability from Experience</i>	1945
Elizaveta Konovalova and Gael Le Mens	
<i>How people detect incomplete explanations</i>	1951
Joanna Korman and Sangeet Khemlani	
<i>Tuning to the Task at Hand: Processing Goals Shape Adults' Attention to Unfolding Activity</i>	1957
Jessica Kosie and Dare Baldwin	
<i>Levels of Analysis in Computational Social Science</i>	1963
Peter Krafft and Tom Griffiths	
<i>Wiggle, Wiggle, Wiggle: How Visual Cues Influence Thematic Role Assignment in Children and Adults</i> ...	1969
Julia Marina Kröger, Katja Münster, Michele Burigo, and Pia Knoeferle	
<i>Shaping Model-Free Habits with Model-Based Goals</i>	1975
Paul Krueger and Tom Griffiths	
<i>Adaptive planning in human search</i>	1981
Moritz Krusche, Eric Schulz, Arthur Guez, and Maarten Speekenbrink	
<i>Physical and Causal Judgments for Object Collisions Depend on Relative Motion</i>	1987
James Kubricht and Hongjing Lu	
<i>A Dispositional Account of Aversive Racism</i>	1993
Carole Lee	
<i>Collective Implicit Attitudes: A Stakeholder Conception of Implicit Bias</i>	1999
Carole Lee	

<i>The Effects of Age and Event Structure on Timeline Estimation Task</i>	2005
Saebyul Lee and Su Keun Jeong	
<i>A Sociocognitive-Neuroeconomic Model of Social Information Communication: To Speak Directly or To Gossip</i>	2011
Jeungmin Lee, Jerald Kralik, and Jaeseung Jeong	
<i>Data Availability and Function Extrapolation</i>	2017
Pablo Leon Villagra, Irina Preda, and Christopher Lucas	
<i>Inferences about Uniqueness in Statistical Learning</i>	2023
Anna Leshinskaya and Sharon Thompson-Schill	
<i>Case inflection and the functional indeterminacy of nouns: A cross-linguistic analysis</i>	2029
Nicholas Lester, Sandra Auderset, and Phillip Rogers	
<i>Phonetic duration of nouns depends on de-lexicalized syntactic distributions: Evidence from naturally occurring conversation</i>	2035
Nicholas Lester, Daniel Baum, and Tirza Biron	
<i>Language use shapes cultural norms: Large scale evidence from gender</i>	2041
Molly Lewis and Gary Lupyan	
<i>Explaining away: significance of priors, diagnostic reasoning and structural complexity</i>	2047
Alice Liefgreen, Marko Tesic, and David Lagnado	
<i>The Influence of Schizotypal Traits on a Preference for High Instrumental Divergence</i>	2053
Mimi Liljeholm, Prachi Mistry, and Susan Koh	
<i>Interference effects of novel word-object learning on visual perception</i>	2059
Shane Lindsay and Robert Nightingale	
<i>Explanation and its Limits: Mystery and the Need for Explanation in Science and Religion</i>	2065
Emily Liquin, S. Emlen Metz, and Tania Lombrozo	
<i>Are you Sure How to Move? Expected Uncertainty Modulates Anticipatory Crossmodal Interactions</i>	2071
Johannes Lohmann, Anna Belardinelli, and Martin Butz	
<i>Dimensional Label Learning Predicts the Developmental Status of Executive Function</i>	2072
Kara Lowery, Anastasia Kerr-German, and Aaron Buss	
<i>Stability in the temporal dynamics of word meanings</i>	2078
Yiwei Luo and Yang Xu	
<i>Friends in low-entropy places: Letter position influences orthographic neighbor effects in visual word identification</i>	2084
Sahil Luthra and James Magnuson	
<i>Explanation Hubris and Conspiracy Theories: A Case of the 2016 Presidential Election</i>	2090
Jessecae Marsh and Joseph Vitriol	
<i>Revisiting the poverty of the stimulus: hierarchical generalization without a hierarchical bias in recurrent neural networks</i>	2096
Richard McCoy, Robert Frank, and Tal Linzen	

<i>Effects of priming variability on adults learning about metamorphosis</i>	2102
David Menendez, Martha Alibali, and Karl Rosengren	
<i>Predictors of Fraction Knowledge among Young Children</i>	2108
Rui Meng, Percival Matthews, and Edward Hubbard	
<i>The interaction between phonological and lexical variation in word recall in African American English</i> ...	2109
Zion Mengesha and Georgia Zellou	
<i>Improving Graph Comprehension With A Visuospatial Intervention</i>	2115
Audrey Michal, Priti Shah, David Uttal, and Steven Franconeri	
<i>Differentiation by domain in young children’s analogical reasoning</i>	2116
Hilary Miller, Jennifer Ellis, and Vanessa Simmering	
<i>Using Listener Gaze to Refer in Installments Benefits Understanding</i>	2122
Nikolina Mitev, Patrick Renner, Thies Pfeiffer, and Maria Staudte	
<i>Pupillometry and Multimodal Processing of Beat Gesture and Pitch Accent: The Eye’s Hole is Greater than the Sum of its Parts</i>	2128
Laura Morett, Jennifer Roche, Scott Fraundorf, and James McPartland	
<i>Testing the effectiveness of crossword games on immediate and delayed memory for scientific vocabulary and concepts</i>	2134
Shane Mueller and Elizabeth Veinott	
<i>Wayfinding and Spatial Learning with Navigation Assistance</i>	2140
Stefan Münzer, Lucas Lörch, Angela Schwering, Jakub Krukar, and Vanessa Joy Anacta	
<i>Semantic compression of episodic memories</i>	2141
David Nagy, Balázs Török, and Gergő Orbán	
<i>Modeling Human Inference of Others’ Intentions in Complex Situations with Plan Predictability Bias</i>	2147
Ryo Nakahashi and Seiji Yamada	
<i>Addressing Old Mysteries of Gain Scores in a Pretest-Posttest Educational Setting</i>	2153
Jairo Navarrete	
<i>Gestures may Help Resolve Disfluencies in Spontaneous Speech</i>	2154
Melvin M. R. Ng, Wing Chee So, and Sotaro Kita	
<i>What can Associative Learning do for Driving?</i>	2155
William G. Nicholson, Frederick Verbruggen, and IPL McLaren	
<i>Reinforcement Learning, not Supervised Learning, Can Lead to Insight</i>	2161
Arata Nonami, Haruaki Fukuda, Yoshiyuki Sato, Kazuyuki Samejima, and Kazuhiro Ueda	
<i>Individual variation in children’s early production of negation</i>	2167
Ann Nordmeyer and Michael Frank	
<i>Biology Students Use Gestalt Grouping to Evaluate Evolutionary Relatedness</i>	2173
Laura Novick and Linda Fuselier	
<i>Whole Number Bias in Children’s Probability Judgments</i>	2174
Shaun O’Grady and Fei Xu	

<i>Tasks That Prime Deliberative Processes Boost Base Rate Use</i>	2180
Natalie Obrecht and Dana Chesney	
<i>Do different anchors generate the equivalent anchoring effect? Comparison of the effect size among different anchors</i>	2186
Yutaro Onuki, Hidehito Honda, Noriko Shingaki, and Kazuhiro Ueda	
<i>webppl-oed: A practical optimal experiment design system</i>	2192
Long Ouyang, Michael Tessler, Daniel Ly, and Noah Goodman	
<i>Analogies May Not be as Cognitively Demanding as Previously Assumed: Evidence from a Dual-Task Paradigm with Gradually Increasing Cognitive Load</i>	2198
Katerina Paliakova and Penka Hristova	
<i>Developmental changes in children's processing of nonsymbolic ratio magnitudes: A cross-sectional fMRI study</i>	2204
Yunji Park, John Binzak, Elizabeth Toomarian, Priya Kalra, Percival Matthews, and Edward Hubbard	
<i>SRT and ASRT: Similar Tasks Tapping Distinct Learning Mechanisms?</i>	2205
Olga Parshina, Rita Obeid, Elizabeth Che, Timothy Ricker, and Patricia J. Brooks	
<i>Semi-supervised learning: A role for similarity in generalization-based learning of relational categories</i> ...	2211
John Patterson and Kenneth Kurtz	
<i>Probabilistic Formulation of the Take The Best Heuristic</i>	2217
Tomi Peltola, Jussi Jokinen, and Samuel Kaski	
<i>Behavioral Oscillations in Verification of Relational Role Bindings</i>	2223
Yujia Peng, Pratyusha Javangula, Hongjing Lu, and Keith Holyoak	
<i>Learning Hierarchical Visual Representations in Deep Neural Networks Using Hierarchical Linguistic Labels</i>	2229
Joshua Peterson, Paul Soulos, Aida Nematzadeh, and Tom Griffiths	
<i>Human Interpretation of Goal-Directed Autonomous Car Behavior</i>	2235
Veronika Petrovych, Sam Thellman, and Tom Ziemke	
<i>Reconciling opposite neighborhood frequency effects in lexical decision: Evidence from a novel probabilistic model of visual word recognition</i>	2241
Thierry PHENIX, Sylviane VALDOIS, and Julien Diard	
<i>Evaluating testimony from multiple witnesses: single cue satisficing or integration?</i>	2247
Kirsty Phillips, Ulrike Hahn, and Toby Pilditch	
<i>What underlies dual-process cognition? Adjoint and representable functors</i>	2253
Steven Phillips	
<i>Evidence for evaluations of knowledge prior to belief</i>	2259
Jonathan Phillips, Joshua Knobe, Brent Strickland, Pauline Armary, and Fiery Cushman	
<i>Neural Coupling Between Infants and Adults Supports Successful Communication</i>	2265
Elise Piazza, Liat Hasenfratz, Uri Hasson, and Casey Lew-Williams	

<i>Learning from uncertainty: exploring and manipulating the role of uncertainty on expression production and interpretation</i>	2266
Amanda Pogue and Michael Tanenhaus	
<i>Role vs relational similarity in analogical processing</i>	2272
Vencislav Popov, Margarita Pavlova, and Penka Hristova	
<i>Expectations bias judgments of harm against others</i>	2273
Derek Powell and Zachary Horne	
<i>Attitude Change on Reddit's Change My View</i>	2279
John Priniski and Zachary Horne	
<i>Does the Blame Blocking Effect for Assignments of Punishment Generalize to Legal Experts?</i>	2285
Karolina Prochownik and Matthias Unterhuber	
<i>Experimentally Testing the Intuitions about Semantic Reference</i>	2291
Ana Puljic and Leonidas A. A. Doumas	
<i>What do eye movements in the visual world reflect? A case study from adjectives</i>	2297
Ciyang Qing, Daniel Lassiter, and Judith Degen	
<i>Egocentric and allocentric learning of social-indexical meaning in American English, Datooga, and Murrinhpatha</i>	2303
Péter Rácz, Alice Mitchell, and Joe Blythe	
<i>Reasoning about possibilities: human reasoning violates all normal modal logics</i>	2309
Marco Ragni and Phil Johnson-Laird	
<i>Individuals become more logical without feedback</i>	2315
Marco Ragni, Nicolas Riesterer, Sangeet Khemlani, and Phil Johnson-Laird	
<i>Towards a Formal Foundation of Cognitive Architectures</i>	2321
Marco Ragni, Kai Sauerwald, Tanja Bock, Gabriele Kern-Isberner, Paulina Friemann, and Christoph Beierle	
<i>Structural similarity superiority in a free-recall reminding paradigm</i>	2327
Lucas Raynal, Emmanuel Sander, and Evelyne Clément	
<i>Look at THAT: Deixis reveals developmental changes in verbal prediction</i>	2333
Tracy Reuter and Casey Lew-Williams	
<i>From visual prominence to event construal: influences (and non-influences) of eyegaze</i>	2334
Lilia Rissman, Susan Goldin-Meadow, and Amanda Woodward	
<i>Semantic Processing in Fraction Comparison: An ERP Study</i>	2340
Brian Rivera and Dr. Firat Soylu	
<i>Lay Understanding of Illness Probability Distributions</i>	2346
Talia Robbins and Pernille Hemmer	
<i>Optimizing Cue Use in Student Restudy Decisions</i>	2352
Alison Robey and Michael Dougherty	
<i>Individual differences in the propensity to verbalize: The Internal Representations Questionnaire</i>	2358
Hettie Roebuck and Gary Lupyan	

<i>Changing Children’s Minds about Distributive Justice</i>	2364
Joshua Rottman, Liane Young, Peter Blake, and Deborah Kelemen	
<i>Learning list concepts through program induction</i>	2370
Joshua Rule, Eric Schulz, Steven Piantadosi, and Josh Tenenbaum	
<i>Emotional Expressions as an Implicit Dimension of Categorization</i>	2376
Isa Rutten, Wouter Voorspoels, Ernst H.W. Koster, and Wolf Vanpaemel	
<i>Cognition and Emotion in Narratives of Redemption: An Automated Analysis</i>	2382
Eyal Sagi and Brady K. Jones	
<i>Example Generation Under Constraints Using Cascade Correlation Neural Nets</i>	2388
Ardavan SalehiNobandegani and Thomas Shultz	
<i>Over-representation of Extreme Events in Decision-Making: A Rational Metacognitive Account</i>	2394
Ardavan SalehiNobandegani, Kevin da Silva-Castanheira, A. Ross Otto, and Thomas Shultz	
<i>Representational efficiency outweighs action efficiency in human program induction</i>	2400
Sophia Sanborn, David Bourgin, Michael Chang, and Tom Griffiths	
<i>The Cognition-Perception Distinction Across Paradigms: An Ecological View</i>	2406
Guilherme Sanches de Oliveira and Vicente Raja	
<i>Postural developments modulate children’s visual access to social information</i>	2412
Alessandro Sanchez, Bria Long, Allison M. Kraus, and Michael Frank	
<i>Deductive reasoning about expressive statements using external graphical representations</i>	2418
Yuri Sato, Gem Stapleton, Mateja Jamnik, and Zohreh Shams	
<i>Developmental Differences in the Status of Category Exceptions</i>	2424
Olivera Savic, Nathaniel Blanco, and Vladimir Sloutsky	
<i>Entropy, order and agency: The cognitive basis of the link between agents and order</i>	2430
Adena Schachner and Min-Ju Kim	
<i>CALM - A Process Model of Category Generalization, Abstraction and Structuring</i>	2436
Rene Schlegelmilch, Andy Wills, and Bettina von Helversen	
<i>Complexity Matching in Collaborative Coordination.</i>	2442
Daniel Schloesser, Alma G. Munoz, and Christopher Kello	
<i>Complexity Reduction in the Negotiation of New Lexical Conventions</i>	2448
William Schueller, Vittorio Loreto, and Pierre-Yves Oudeyer	
<i>Evidence for an Intuitive Physics Engine in the Human Brain</i>	2454
Sarah Schwettmann, Jason Fischer, Josh Tenenbaum, and Nancy Kanwisher	
<i>Cross-Domain Influences on Creative Processes and Products</i>	2455
Victoria Scotney, Sarah Weissmeyer, and Liane Gabora	
<i>Coupling Dynamical and Connectionist Models: Representation of Spatial Attention via Learned Deictic Gestures in Human-Robot Interaction</i>	2461
Baris Serhan, John P Spencer, and Angelo Cangelosi	

<i>Creative leaps in musical ecosystems: early warning signals of critical transitions in professional jazz</i>	2467
Matthew Setzler, Tyler Marghetis, and Minje Kim	
<i>Social information can undermine individual performance in exploration-exploitation tasks</i>	2473
Kyanoush Seyed Yahosseini, Samuli Reijula, Lucas Molleman, and Mehdi Moussaïd	
<i>Predicting the Optimal Time for Interruption using Pupillary Data and Classification</i>	2479
Hagit Shaposhnik, Niels Taatgen, and Jelmer Borst	
<i>A Conceptual Ladder from Spikes to Behavior: Toward the Neural Basis of Dynamic Choices at Multiple Scales</i>	2485
Timothy Shea and David Noelle	
<i>Qualifying Causes as Pertinent</i>	2491
Giovanni Sileno and Jean-Louis Dessalles	
<i>Do Pitch and Space Share Common Code?: Role of feedback in SPARC effect</i>	2497
PULKIT SINGHAL, Aditya Agarwala, and Priyanka Srivastava	
<i>An Embodied Intelligent Tutor for Literal Concepts' Recognition</i>	2503
Marietta Sionti, Thomas Schack, and Yiannis Aloimonos	
<i>The Development of a Generative Lexicon: Evidence from Instrument Verbs</i>	2504
Barbora Skarabela, Hugh Rabagliati, and Mahesh Srinivasan	
<i>Robot-Based Gestural Intervention Prevents Delay in the Production of Intransitive Gestures in Preschoolers with Autism Spectrum Disorder</i>	2505
Wing Chee So, Miranda Kit-Yi Wong, Wan Yi Lam, Chun Ho Cheng, and Melvin Ng	
<i>Motivated Manipulators? A NLP Analysis of Psychopathic Speech</i>	2506
Mikhail Sokolov and John Logan	
<i>Automatic Identification of Texts Written by Authors with Alzheimer's Disease</i>	2512
Juan Soler-Company and Leo Wanner	
<i>Quantifying Conceptual Flexibility in a Compositional Network Model</i>	2518
Sarah Solomon, John Medaglia, and Sharon Thompson-Schill	
<i>Causal Learning from Trending Time-Series</i>	2524
Kevin Soo and Benjamin Rottman	
<i>Music and Odor in Harmony: A Case of Music-Odor Synaesthesia</i>	2530
Laura Speed and Asifa Majid	
<i>Movement Speed Affects Speed Language Comprehension</i>	2536
Laura Speed, Wessel van Dam, Gabriella Vigliocco, and Rutvik Desai	
<i>Individual Differences in Both Fluid and Crystallized Intelligence Predict Metaphor Comprehension</i>	2542
Dušan Stamenković and Keith Holyoak	
<i>Learning a face space for experiments on human identity</i>	2548
Jordan Suchow, Joshua Peterson, and Tom Griffiths	
<i>Quantifying Semantic Similarity Across Languages</i>	2554
Bill Thompson, Sean Roberts, and Gary Lupyan	

<i>Using Big Data Methods to Identify Conceptual Frameworks</i>	2560
Robert Thorstad and Phillip Wolff	
<i>Children learn number words slowly because they don't identify number as relevant to linguistic meaning</i>	2566
Katharine Tillman, Katie Wagner, and David Barner	
<i>How can we help others?: a computational account for action completion</i>	2572
Takuma Torii and Shohei Hidaka	
<i>Ordinal ranking as a method for assessing real-world proportional representations</i>	2578
Crystal Trueborn and David Landy	
<i>What Am I Supposed to Say?: Anticipating Group Discussion Promotes Cognitive Consistency in Distributive Choices for Others</i>	2584
Atsushi Ueshima and Tatsuya Kameda	
<i>All Creatures Great and Small: Category-Relevant Statistical Regularities in Children's Books</i>	2585
Layla Unger and Anna Fisher	
<i>Ready to Learn: Predictive Exposure to Category-Relevant Regularities Facilitates Novel Category Learning</i>	2591
Layla Unger and Vladimir Sloutsky	
<i>More like a bee, less like a spider, and not like a tomato: Ecologically-valid enrichment experiences promote changes in how young children differentiate biological categories</i>	2597
Catarina Vales, Sarah States, and Anna Fisher	
<i>Modeling garden path effects without explicit hierarchical syntax</i>	2603
Marten van Schijndel and Tal Linzen	
<i>When and How Children Use Explanations to Guide Generalizations</i>	2609
Nadya Vasilyeva, Azzurra Ruggeri, and Tania Lombrozo	
<i>Humans aren't enough: Providing access for simulated participants to behavioral experiment software</i>	2615
Vladislav Veksler, Norbou Buchler, Christian Lebiere, and Don Morrison	
<i>Consistent but not diagnostic: Preschoolers' intuitions about shared preferences within social groups</i>	2621
Natalia Vélez, Yuerui Wu, and Hyowon Gweon	
<i>Bayesian Teaching of Image Categories</i>	2627
Wai Keen Vong, Ravi B. Sojitra, Anderson Reyes, Scott Cheng-Hsin Yang, and Patrick Shafto	
<i>Putting Theory-Ladenness to the Test</i>	2633
Ioannis Votsis	
<i>The Influence of Bilingual Language Experience on Working Memory Updating Performance in Young Adults</i>	2639
Deepti Wadhwa, Luca Campanelli, and Klara Marton	
<i>Risky Intertemporal Choice with Multiple Outcomes and Individual Differences</i>	2645
Daniel Wall, Gretchen CHAPMAN, and Pernille Hemmer	
<i>Lateralized imagery for sentence content: Testing grammar, gender and demonstratives</i>	2651
Mikkel Wallentin, Roberta Rocca, and Sofia Stroustrup	
<i>The Influence of Music and Music Familiarity on Time Perception</i>	2657
Jie Wan and Niels Taatgen	

<i>When Boys Are More Generous Than Girls: Effects of Gender and Coordination Level on Prosocial Behavior in 4-year-old Chinese Children</i>	2663
Yingjia Wan, Hong Fu, and Michael Tanenhaus	
<i>Measuring Individual Differences in Visual and Verbal Thinking Styles</i>	2669
Noel Warford and Maithilee Kunda	
<i>Explaining Reasoning Effects: A Neural Cognitive Model of Spatial Reasoning</i>	2675
Julia Wertheim and Terrence Stewart	
<i>A Bayesian Analysis of Moral Norm Malleability during Clarification Dialogues</i>	2681
Tom Williams, Ryan Jackson, and Jane Lockshin	
<i>Multilayer Context Reasoning in a Neurobiologically Inspired Working Memory Model for Cognitive Robots</i>	2687
Arthur Williams and Joshua Phillips	
<i>Modeling morphological affixation with interpretable recurrent networks: sequential rebinding controlled by hierarchical attention</i>	2693
Colin Wilson	
<i>Pre-Readers at the Alien Zoo: A Preregistered Study of the Predictors of Dyslexia and Linguistic Sound Symbolism in 6-year-olds</i>	2699
Fei Ting Woon, Yap-Seng Chong, Lourdes Mary Daniel, Birit F.P. Broekman, Shirong Cai, and Suzy J. Styles	
<i>Retrieval-based Metacognitive Monitoring in Self-Regulated Learning</i>	2705
Mengjiao WU	
<i>Toddlers Connect Emotional Responses to Epistemic States</i>	2711
Yang Wu, Laura Schulz, and Rebecca Saxe	
<i>A neural network model for learning to represent 3D objects via tactile exploration</i>	2717
Xiaogang Yan, Alistair Knott, and Steven Mills	
<i>Instructor gesture improves encoding of mathematical representations</i>	2723
Amelia Yeo, Susan Cook, Mitchell Nathan, Voicu Popescu, and Martha Alibali	
<i>Examining the Independence of Scales in Episodic Memory using Experience Sampling Data</i>	2729
Hyungwook Yim, Paul Garrett, Megan Baker, and Simon Dennis	
<i>Measuring Attention Control Abilities with a Gaze Following Antisaccade Paradigm</i>	2735
Jade Yonehiro and Nicholas D. Duran	
<i>When in doubt: Using confidence and consensus as 'summary statistics' of collective knowledge</i>	2741
Sami Yousif and Frank Keil	
<i>Experientially Grounded Learning About the Roles of Variability, Sample Size, and Difference Between Means in Statistical Reasoning</i>	2747
Jingqi Yu, Robert Goldstone, and David Landy	
<i>Visual Flexibility in Arithmetic Expressions</i>	2753
Jingqi Yu, David Landy, and Robert Goldstone	
<i>Understanding the Rational Speech Act model</i>	2759
Arianna Yuan, Will Monroe, Yu Bai, and Nate Kushman	

<i>Children gesture when speech is slow to come</i>	2765
Dan Yurovsky, Madeline Meyers, Nicole Burke, and Susan Goldin-Meadow	
<i>Tuning in to non-adjacent dependencies: How experience with learnable patterns supports learning novel regularities</i>	2771
Martin Zettersten, Christine Potter, and Jenny Saffran	
<i>Fast Memory Integration Facilitated by Schema Consistency</i>	2777
Qiong Zhang, Vencislav Popov, Griffin Koch, Regina Calloway, and Marc Coutanche	
<i>Real-time roots of meaning change: Electrophysiology reveals the contextual-modulation processing basis of synchronic variation in the location-possession domain</i>	2783
Muye Zhang, Maria Pinango, and Ashwini Deo	
<i>Predicting Cognitive Difficulty of the Deductive Mastermind Game with Dynamic Epistemic Logic Models</i>	2789
Bonan Zhao, Iris van de Pol, Maartje Raijmakers, and Jakub Szymanik	
<i>A Memory for Goals Account for Priming in Confidence Judgments</i>	2795
Kevin Zish, Nathan Aguiar, Malcolm McCurry, and Greg Trafton	

Abstracts-Posters

<i>A Suite of Adaptive Games for Self-Directed Literacy and Numeracy Education</i>	2801
Katherine Adams, George Kachergis, and Hugo Goulart de Lucena	
<i>Exploring automatic metacognitive monitoring processes: Are errors in equations detected without intentional calculation?</i>	2802
Shogo AMANO, Yoshihiro Nakagawa, and Masahiko Okamoto	
<i>Comparing Flanker Effects in Direction and Color over Development</i>	2803
Rebecca E. Leuenberger, Chelsea Andrews, Kristine Kovack-Lesh, and Vanessa Simmering	
<i>Strengthening Visual Learned CP Research</i>	2804
Janet Andrews and Josh de Leeuw	
<i>Cross-Cultural Differences in Children's Conceptions of Space Science</i>	2805
Floencia Anggoro and Benjamin Jee	
<i>Bayesian Generalization of Emojis</i>	2806
Jacqueline Erens and Joseph Austerweil	
<i>Possible Mechanisms of Bilingual Advantage on Creativity</i>	2807
Kendra Lange, Elise Hopman, Elizabeth Pettit, Anantha Rao, Nicole M. Beckage, Jeffrey Zemla, and Joseph Austerweil	
<i>Time perception of intermodal empty intervals when the first marker is auditory</i>	2808
Leila Azari and Simon Grondin	
<i>sighted but not blind individuals can form global representations of spatial layout based on verbal descriptions of an imaginary environment</i>	2809
danny ball	
<i>Measuring strategy adaptivity</i>	2810
Kevin Barnes, Aaron Wong, Gary Bradshaw, and Jarrod Moss	

<i>Does a 12 week intervention of metacognitive strategies improve self-efficacy and lessen test anxiety in high stakes testing for 10-12 year olds?</i>	2811
helen barsham	
<i>Available referents and prompt specificity influence induction of feature typicality</i>	2812
Claire Bergey and Dan Yurovsky	
<i>Fractions War: An iOS Game to Measure and Train Magnitude Processing with Fractions</i>	2813
John Binzak, Elizabeth Toomarian, Percival Matthews, and Edward Hubbard	
<i>A deep learning approach to training a brain activity-based trial-by-trial classifier for rapid serial visual presentation imagery</i>	2814
Katherine Porterfield, Leslie Blaha, Jonathan Suter, Johnathan Cree PH.D, Gianluca Longoni, Jesse Johns, Gerges Dib, and Kayla Duskin	
<i>Characterizing the peripheral bumps of serial dependence in visual working memory</i>	2815
Daniel Patrick Bliss and Mark D'Esposito	
<i>MathByExample: Testing the Worked Example Principle in Elementary School Math</i>	2816
Julie Booth Ph.D., Kelly McGinn, and Laura K. Young	
<i>Evaluating models of productivity in language acquisition</i>	2817
Mika Braginsky	
<i>What kind of problem is this? Labels guide generalization of math strategies</i>	2818
Sarah Brown and Martha Alibali	
<i>Novel methods for measuring the cost of cognitive control in a patch foraging task and a demand selection task with Stroop</i>	2819
Laura Bustamante, Augustus Baker, Allison Burton, Amitai Shenhav, Chloe Hoeber, Nathaniel Daw, and Jonathan Cohen	
<i>Is grammatical gender assignment arbitrary?</i>	2820
Alexandra Carstensen, Paloma Opazo, Christina Tsousi, and Asifa Majid	
<i>Week-long practice matching 2D objects by shape improves 3D shape bias and accelerates children vocabulary growth</i>	2821
Paulo Carvalho and Linda Smith	
<i>Children Acquire Implicit Attitudes From Instructed, But Not From Experienced, Stimulus Pairings</i>	2822
Tessa Charlesworth, Benedek Kurdi, and Mahzarin Banaji	
<i>The Mediation Effect of Context for Empathy on Emotion Judgment</i>	2823
Chen Jung Chen and Jon-Fan Hu	
<i>The Onset Form Preparation Effect in Korean Single Word Production</i>	2824
Jenn-Yeu Chen	
<i>Determinants of Inhibitory Interference in Processing Reflexive-antecedent Dependencies</i>	2825
Zhong Chen	
<i>Instruction on the stroke sequence of Chinese characters facilitates children's learning of handwriting</i>	2826
Rong-Ju Cherng, Yi-Wen Liao, and Jenn-Yeu Chen	
<i>Using eye tracking to examine verb learning in the midst of distractions</i>	2827
Jane Childers and Blaire Porter	

<i>Examining the Pre-Test and Interim-Test Effect in Inductive Learning</i>	2828
Heeseon Choi and Hee Seung Lee	
<i>Do humans have two systems to be creative?: Asymmetric underlying mechanisms of relation-based and property-based conceptual combination</i>	2829
Mingyeong Choi and Sangsuk Yoon	
<i>Effects of Visuomotor Engagement on Object Knowledge Retrieval</i>	2830
Evangelia Chrysikou and Hannah Morrow	
<i>Investigating the Learning of Classifier in the Learners of Chinese as a Second Language</i>	2831
Pei-Chuen Chuang and Jon-Fan Hu	
<i>No Changes in Speed and Selectivity in Mobile Dating Choices Over Time</i>	2832
Samantha Cohen and Peter Todd	
<i>Using Bayesian Hierarchical Modeling and DataShop to Inform Parameter Estimation with the Predictive Performance Equation</i>	2833
Michael Collins and Kevin Gluck	
<i>Does minimally altering toddlers' environments change the words they learn?</i>	2834
Eliana Colunga and Jennifer Ellis	
<i>When being wrong makes you right: Incorrect examples improve complex concept learning</i>	2835
Daniel Corral, Shana Carpenter, and Samara Clingan-Siverly	
<i>Learning to read with a machine teacher: Discovering efficient procedures for training the orth-to-phon relationships in English</i>	2836
Christopher Cox, Matthew Cooper Borkenhagen, and Mark Seidenberg	
<i>When less is not more: Violations of a Gricean maxim facilitate visual search</i>	2837
Reese Cullimore, Gwendolyn Rehrig, John M Henderson, and Fernanda Ferreira	
<i>Measuring the vigor of trolley problem lever pulling</i>	2838
Zach Catron and Gregory Dam	
<i>Creating an affordable ,effective, adaptive & personalized attention tasks for children with developmental disorders.</i>	2839
Amarnath Dasaka and Bapiraju Surampudi	
<i>Hierarchical Models of Individuals Engaged in Statistical Learning</i>	2840
Josh de Leeuw and Isabella Destefano	
<i>Efficiency in Solving the Traveling Salesman Problem as Predictor of Perceived Humanness</i>	2841
Serena De Stefani, Samuel Sohn, Jacob Feldman, Mubbasir Kapadia, and Peter Pantelis	
<i>Testing Effects in Children's Storybook Reading</i>	2842
Catherine DeBrock and Haley Vlach	
<i>Investigating re-representation through categorisation</i>	2843
Shir Dekel, Micah Goldwater, and Bruce Burns	
<i>Facial thermal responses to moodboards: confirming implicit preferences to colors as a function of motivation profiles for physical activity</i>	2844
Yvonne Delevoeye-Turrell, Adamantia Batistatou, and Antoine Deplancke	

<i>Who sees a flanker? Individual differences in cognitive control</i>	2845
Yinjie (Giselle) Yao and Wei (Sophia) Deng	
<i>Wandering mice: Computer mouse-tracking as a behavioral measure of mind wandering</i>	2846
Mariana Rachel Dias da Silva and Marie Postma	
<i>Initial learning experience affects learners' selection of subsequent study schedule</i>	2847
Lan Anh Do and Hee Seung Lee	
<i>Do Actions During Math Learning Leave a Legacy in Gesture?</i>	2848
Andrea Donovan and Martha Alibali	
<i>Using Machine Learning to Understand Transfer from First Language to Second Language</i>	2849
Tiwalayo Eisape, Will Merrill, Joshua K. Hartshorne, and Sven Dietz	
<i>Exploring model-based versus model-free pupillometry correlates to reinforcement learning parameters</i> ...	2850
Chris Endemann	
<i>Causal Questions and Explanations - What do Theories of Causal Reasoning predict?</i>	2851
York Hagmayer and Neele Engelmann	
<i>Mind wandering during conversations affects subjective but not objective outcomes</i>	2852
Myrthe Faber, McKenzie Rees, and Sidney D'Mello	
<i>Phonological Representations in Spanish-English Bilinguals: Unitary or Dual Sets?</i>	2853
James Falandays, Michael Spivey, and Joseph Toscano	
<i>Faultless disagreement judgments track adults' estimates of population-level consensus over adjective-referent pairs</i>	2854
Ruthe Foushee and Mahesh Srinivasan	
<i>The other Fox News effect: Attractive people and women more strongly impact belief formation</i>	2855
Vincent Frigo and Timothy Rogers	
<i>The impact of social network topology on open-ended and fixed solution problems</i>	2856
Riccardo Fusaroli, Dan Mønster, Andrea Baronchelli, and Kristian Tylene	
<i>Leader-follower Dynamics, Agency, and Anxiety in Joint Action Braking: A First-Order Dynamical Systems Model</i>	2857
Devin Gill, Ian Ruginski, and Brandon J. Thomas	
<i>Extending an integrated computational model of the time-based resource-sharing theory of working memory</i>	2858
Joseph Glavan and Joseph Houtp	
<i>A mouse-tracking study of how exceptions to a probabilistic generalization are learned</i>	2859
Karina Tachihara, Kenneth Norman, Nicholas Turk-Browne, and Adele Goldberg	
<i>Spatial language and visual attention: A new approach to test linguistic relativity.</i>	2860
Florian Goller, Soonja Choi, and Ulrich Ansorge	
<i>Predicting Reading Comprehension From Eye Gaze</i>	2861
Julie Gregg and Sidney D'Mello	
<i>Unexpected problem recognition task reveals semantic differences in arithmetic word problem representations</i>	2862
Hippolyte Gros, Emmanuel Sander, and Jean-Pierre Thibaut	

<i>Does Testing Change the Way Students Use Their Study Time?</i>	2863
Hyorim Ha and Hee Seung Lee	
<i>Examining the role of the motor system in the beneficial effect of speaker's gestures during encoding and retrieval</i>	2864
Alexa Bushinski, Caitlin Hilverman, and Kimberly Halvorson	
<i>Expertise seeks rewards: Error-related negativities and defensive motivation in spelling decisions</i>	2865
Lindsay Harris, Benjamin Rickles, Luis Lopez, and Charles Perfetti	
<i>Music, language, and gesture: Neural oscillations and relational cognition</i>	2866
Courtney Hilton, Micah Goldwater, and Michael Jacobson	
<i>Hand gesture reflects visual and motor features from multiple memory systems</i>	2867
Caitlin Hilverman, Melissa Duff, and Susan Cook	
<i>Inductive Biases in the Evolution of Combinatorial Structure in Language</i>	2868
Matthias Hofer, Josh Tenenbaum, and Roger Levy	
<i>Analogical comparison of semantic categories across languages challenges beliefs about category discreteness</i>	2869
Sarah Q. Husney, Andrew Kopel, and Kevin Holmes	
<i>Discrimination difficulty modulates effects of language on perceptual discrimination</i>	2870
Robert Welch, Nicolas Ravitch, and Kevin Holmes	
<i>Cross-linguistically shared spatial mappings of abstract concepts guide non-signers' inferences about sign meaning</i>	2871
Ruth Rabinovitch and Kevin Holmes	
<i>Spatial categories in language and thought: Evidence for categorical perception at the cardinal axes</i>	2872
Ian Carey, Andrew Kirvin-Quamme, Nora Newcombe, and Kevin Holmes	
<i>Increased similarity between source and target eases explanatory reasoning</i>	2873
Samantha Roberts, Zachary Horne, and Sangeet Khemlani	
<i>The Effect of Theory of Mind on Detecting Social Norm Violation</i>	2874
Nai Ching Hsiao and Jon-Fan Hu	
<i>Self-Construals on Tightness and Looseness Culture</i>	2875
Nai Ching Hsiao and Jon-Fan Hu	
<i>The Effect of Facial Expression Bearer's Gender on the Assimilation for Emotion Judgement</i>	2876
Jon-Fan Hu, Su-Ling Peng, and Posheng Huang	
<i>Examining the Representational Change Theory on the interpretation of Remote Associates Problem Solving</i>	2877
Posheng Huang, Shu-Ling Peng, Jon-Fan Hu, and Cheng-Hong Liu	
<i>Understanding Direction Giving in the Service of Wayfinding on a University Quad</i>	2878
Alycia Hund	
<i>A Perspective-Taking Intervention to Decrease Gender-Based Exclusion</i>	2879
Bailey Immel, Katharine Scott, Patricia G Devine, and Kristin Shutts	

<i>A new similarity measure to reveal individual differences and growth in implicit number conceptions</i>	2880
Rachel Jansen, Ruthe Foushee, and Tom Griffiths	
<i>Supports for Visual Comparison in STEM textbooks</i>	2881
Benjamin Jee, Bryan Matlen, Nina Simms, and Dedre Gentner	
<i>Cross Modal Cue Compensation in Size and Pitch</i>	2882
Gavin Jenkins and Paul Tupper	
<i>Children regularize object shape but not object color in visual recognition tasks</i>	2883
Clint Jensen, Timothy Rogers, and Vanessa Simmering	
<i>Inferring other people’s relationships by observing their social interactions</i>	2884
Alan Jern, Anna Scott, Nathan Blank, and Charles Kemp	
<i>Relational Roles and Stem Format in Verbal Analogy</i>	2885
Lara Jones and Gregory Norville	
<i>Facilitating interpersonal action coordination in a movement control task</i>	2886
Jiuyang Bai, Schloesser Daniel, and J. Scott Jordan	
<i>Changing our Minds about Truth and Reality: Wild Systems Theory as a 21st Century Coherence Framework for Cognitive Science</i>	2887
J. Scott Jordan, Daniel Schloesser, and Jasmine Mason	
<i>Forming Action-Effect Contingencies Through Observation</i>	2888
J. Scott Jordan, Jasmine Mason, and Alex Dayer	
<i>The Development of Deductive Reasoning in Mastermind</i>	2889
Anselm Rothe, George Kachergis, and Maartje Raijmakers	
<i>Age, gender, and learning style predict spontaneous explicit learning in an implicit learning task</i>	2890
Priya Kalra	
<i>Allowing Children Time to Forget Promotes Their Acquisition and Generalization of Science Concepts</i>	2891
Megan Kaul, Emma Lazaroff, and Haley Vlach	
<i>Integrating Physiological, Emotional, Rational, and Social Cognition</i>	2892
William Kennedy and Jim Thompson	
<i>When Less Is More: Fewer Shape Types Result In Higher Quality Parent-Child Shape Talk</i>	2893
Kassie Kerr, Sarah Eason, Michelle Hurst, Alana Dulaney-Foley, Amy Claessens, and Susan C. Levine	
<i>Effectiveness of generic-parts technique in idea generation</i>	2894
Maho Akao, Mayu Yamakawa, and Sachiko Kiyokawa	
<i>Developmental Differences in Semantic Search Strategies Between Monolingual and Bilingual Children</i> . . .	2895
Naomi Kline, Natsuki Atagi, Maxim Bushmakin, and Catherine Sandhofer	
<i>The Uncanny Valley: Behavioral, Cognitive, and Neurological Evidence</i>	2896
Umesh Krishnamurthy	
<i>‘Put the apple on the plate but just move the plate’: Event perception in German and Korean speakers.</i>	2897
Alexandra Kroiss, Florian Goller, Ulrich Ansorge, and Soonja Choi	

<i>Semi-supervised learning in infancy: Infants integrate labeled and unlabeled exemplars to learn new categories</i>	2898
Alexander LaTourrette and Sandra Waxman	
<i>The Role of Inquiry in Children's and Adults' Memory, Categorization, and Explanation of New Information</i>	2899
Emma Lazaroff and Haley Vlach	
<i>Modeling dynamics of suspense and surprise</i>	2900
Zhiwei Li, Neil Bramley, and Todd Gureckis	
<i>A Neural Network Model of Complementary Learning Systems</i>	2901
Mika Jain and Jack Lindsey	
<i>Gene Duplication, Modularity, and the Evolution of Intelligence in Simulated and Real Robots</i>	2902
Nicholas Livingston, Ben Tidswell, Meghan Willcoxon, Theresa Law, Gabriel Dell'Accio, Mackenzie Little, John Long Jr., Josh Bongard, and Ken Livingston	
<i>Sign language experience affects comprehension and attention to gesture</i>	2903
Jenny Lu, Nicole Burke, Susan Goldin-Meadow, and Amanda Woodward	
<i>Measuring representational similarity across neural networks</i>	2904
Qihong Lu, Peter Ramadge, Kenneth Norman, and Uri Hasson	
<i>Sixteen-month-olds understand the link between words and mental representations of their referents without contextual support</i>	2905
Elena Luchkina, David Sobel, and James Morgan	
<i>Contextual Separation Shifts Attentional Biases</i>	2906
Michelle Luna and Catherine Sandhofer	
<i>Belief bias among believers of the paranormal and the pseudoscience</i>	2907
Yoshimasa Majima	
<i>Natural Human Exploration under Approach and Avoidance Motivation in a Real-Life Spatial Environment</i>	2908
Deeksha Malhotra, Kimberly Chiew, Mai-Anh Vu, Nicole Heller, Guillermo Sapiro, and Alison Adcock	
<i>Comparison of small sets and number word comprehension</i>	2909
Elisabeth Marchand	
<i>The embodied, interactional origins of systemic inequality in conversation</i>	2910
Tyler Marghetis, Samantha Cohen, Peter Todd, Robert Goldstone, and David Landy	
<i>Identifying the structure of hypotheses that guide search during development</i>	2911
Doug Markant, Angela Jones, Thorsten Pachur, Alison Gopnik, and Azzurra Ruggeri	
<i>Search Your Feelings 2.0: Online Versus Paper-Pencil Version of a Free Recall-Based Emotional Fluency Task</i>	2912
Masitah Masitah, Li Ying, and Thomas Hills	
<i>Irrelevant variability and interleaved/blocked training in an artificial orthography task and connectionist models</i>	2913
Bob McMurray, Tanja Roembke, and Eliot Hazeltine	

<i>Non-Symbolic Ratio Sense Supports Symbolic Fraction Success</i>	2914
Rui Meng, Percival Matthews, and Edward Hubbard	
<i>Is there a forward bias in human profile portraits?</i>	2915
Helena Miton, Mikołaj Hernik, and Dan Sperber	
<i>Infant Action Prediction in the Wild</i>	2916
Claire Monroy, Chi-hsin Chen, Irina Castellanos, and Derek Houston	
<i>Communicative pressure can lead to input that supports language learning</i>	2917
Ben Morris and Dan Yurovsky	
<i>The Influence of Mechanism Knowledge on Causal Interactions</i>	2918
Matthew Myers, Alexander LaTourrette, and Lance Rips	
<i>Out of the mouth comes evil: a exploration of an anchoring effect of minimum payment information under "affect rich" and "affect poor" situation.</i>	2919
Kuninori Nakamura	
<i>Object-based attention in multiple frames of reference</i>	2920
Weizhi Nan, Lizhu Yan, Jiamin Huang, Ya Fan, Hong Lu, and Shimin Fu	
<i>Sketches and Verbal Descriptions: Indices of Knowledge about Spatial Environments? Prompts to Refine Knowledge?</i>	2921
Alina Nazareth, Allison Jaeger, and Nora Newcombe	
<i>Thematic and taxonomic influences in abstract vs. concrete concepts – not so different after all”</i>	2922
Jane Neal and Katja Wiemer	
<i>Cognitive interference modulates speech acoustics in a vowel-modified Stroop task</i>	2923
Caroline Niziolek, Sara Beach, and Swathi Kiran	
<i>Children’s Generalization of Novel Labels in a System of Contrasting Categories</i>	2924
Nigel Noll, Haley Vlach, and Chuck Kalish	
<i>State- and Trait-Creativity as Predictors of Semantic Distance in Verbal Analogy Generation</i>	2925
Gregory Norville and Lara Jones	
<i>The impact of social information on the dynamics of decision making within groups</i>	2926
Alan Novaes Tump, Tim Pleskac, and Ralf Kurvers	
<i>Effect of denominator in the fraction on number line estimation: an exploration of the list of the basic fraction in Japanese university students</i>	2927
Saho Taniguchi, Yuki Tanida, and Masahiko Okamoto	
<i>Taking Whorf to School: Does Language Reform Improve Student Learning?</i>	2928
John Opfer, Dan Kim, Pooja Sidney, Charles Fitzsimmons, and Clarissa Thompson	
<i>Goodness of ideas is judged based on affective valence: A study using the remote associates task</i>	2929
Ryo Orita and Masasi Hattori	
<i>The Influence of Pretend Play on Children’s and Language and Pre-Literacy Skills</i>	2930
Tanya Paes and Michelle Ellefson	
<i>Does shifting ability support interleaved learning of new science concepts in middle school students?</i>	2931
Jimin Park, Keisha Varma, and Sashank Varma	

<i>Is covariance ignorance responsible for the success of heuristics?</i>	2932
Paula Parpart and Eric Schulz	
<i>Do Interactive Simulations in Journal Articles Promote Learning?</i>	2933
Purav Patel, Alex Kuo, and Kelsey Wenzel	
<i>Complex coordination: How power dynamics and task demands shape interpersonal motor synchrony</i>	2934
Alexandra Paxton, Lucien Brown, and Bodo Winter	
<i>Deriving uniform information density behavior in pragmatic agents</i>	2935
Benjamin Peloquin, Noah Goodman, and Michael Frank	
<i>Kindergarten Predictors of Mathematics: Quantitative, Working Memory and Linguistic Skills</i>	2936
Marcie Penner-Wilger, Rylan J. Waring, and Nicole Collins	
<i>The role of iconicity in word learning: Insights from child-directed language (CDL)</i>	2937
Margherita Murgiano, Pamela Perniss, Yasamin Motamedi, and Gabriella Vigliocco	
<i>Unsupervised Learning Shapes Emotion Categories</i>	2938
Rista Plate, Adrienne Wood, and Seth D Pollak	
<i>Memory for Serial Recall explains Center Embedded Structure</i>	2939
Fenna Poletiek	
<i>Learning the goal-structure of actions in a connectionist network without inverse planning</i>	2940
Robert Powers and David Plaut	
<i>A Disadvantage of Comparison and Contrast in Object Label Learning</i>	2941
Gwendolyn Price and Catherine Sandhofer	
<i>The Lesson and the Learner: The Effect of Individual Differences and Task Scaffolding on Category Learning</i>	2942
Jared Ramsburg and Stellan Ohlsson	
<i>People's (inconsistent) attitudes about foundational moral beliefs</i>	2943
Madeline Reinecke and Zachary Horne	
<i>What is the Current Classification Relevance of Neurodevelopmental Brain Disorders?</i>	2944
Spyridon Revithis	
<i>The effect of trait labels on the perception of clinical disorders</i>	2945
Samantha Roberts and Zachary Horne	
<i>Pruning incorrect associations in word learning</i>	2946
Tanja Roembke and Bob McMurray	
<i>Language Dynamics in Supreme Court Oral Arguments</i>	2947
Eyal Sagi	
<i>On the Role of Semantic Map in a Socially-Emotional Cognitive Architecture for Creative Assistants</i>	2948
Alexei Samsonovich	
<i>Indexing visual working memory capacity in infancy</i>	2949
Andrew Sanders	
<i>Realtime integration of acoustic cues and semantic expectations in speech processing: Evidence from EEG</i> .	2950
McCall Sarrett, Efthymia Kapnoula, and Bob McMurray	

<i>Context variability in learning</i>	2951
Nicholas Tippenhauer and Megan Saylor	
<i>Preschoolers Evaluate Information about Word Meaning</i>	2952
Yuyue Sun, Sofia Jimenez, Nicholas Tippenhauer, and Megan Saylor	
<i>Computational Model of Spatial Auditory Attention in ACT-R</i>	2953
Jaelle Scheuerman, Maxwell T. Anderson, K. Brent Venable, and Edward Golob	
<i>How do pragmatic and object cues affect monolingual and bilingual toddlers' visual attention during word learning?</i>	2954
Christina Schonberg, Catherine Sandhofer, and Scott P. Johnson	
<i>A word order pattern from silent gesture studies observed in a new natural language</i>	2955
Marieke Schouwstra, Susan Goldin-Meadow, and Molly Flaherty	
<i>Language production: Shaped by phonological interference and motor interference</i>	2956
Steven Schwering, Maryellen MacDonald, and Tom Wasow	
<i>Age-related change of hand raising behavior in elementary school children</i>	2957
Kazuki Sekine and Takashi Ito	
<i>Same/different relation detection and word production in 4-year-olds</i>	2958
Ruxue Shao and Dedre Gentner	
<i>Do Infants Learn Words from Statistics? Evidence from English-Learning Infants Hearing Italian</i>	2959
Amber Shoaib, Tianlin Wang, and Jill Lany	
<i>Predicting Choices of Item Difficulty in Self-Adapted Testing Using Hidden Markov Models</i>	2960
Meirav Arieli-Attali, Lu Ou, and Vanessa Simmering	
<i>The Geography of Sport: Evidence for the Domain-Specificity of Cultural Mindsets.</i>	2961
Daniel Casasanto, Amritpal Singh, and Qi Wang	
<i>Lexical access in the face of degraded speech: The effects of cognitive adaptation</i>	2962
Francis Smith and Bob McMurray	
<i>What does a dimension that predicts nothing do to human classification learning?</i>	2963
Sean Snoddy and Kenneth Kurtz	
<i>Moral Dynamics: A Computational Model of Moral Judgment</i>	2964
Felix Sosa, Tomer Ullman, Samuel Gershman, Josh Tenenbaum, and Tobias Gerstenberg	
<i>Strategy Specificity as a Predictor of Mental Set on the Water Jar Task</i>	2965
Erin Sovansky Winter and Stellan Ohlsson	
<i>A text-based analysis of the effects of personality on the adoption of cultural and linguistic norms</i>	2966
Samuel Spevack and Michael Spivey	
<i>Between-Language Competition in Early Learner Bilinguals</i>	2967
Cynthia Spivey, Samuel Spevack, and Greg Wattonville	
<i>The 'Goldilocks Effect' in Preschoolers' Attention to Spoken Language</i>	2968
Ruthe Foushee, Fei Xu, and Mahesh Srinivasan	

<i>Effect of Exploration-type on Spatial Knowledge while using Desktop 360-degree Indirect Visual Display ..</i>	2969
Priyanka Srivastava and Sushil Chandra	
<i>Reducing the effects of need for closure on team performance</i>	2970
Evan Stein, Jonathan Alba, and Art Markman	
<i>Equality in Dictator Games: Methodological Concerns in Interpreting Default-Mode Strategies and Norms for Equity</i>	2971
Caden Sumner, Samantha Verran, and Shane Mueller	
<i>Unlearning to See: Linking the Perceptual and Clinical Effects of Psychedelic Drugs</i>	2972
Link Swanson	
<i>Consistency of Creativity Assessment: Influence of Personality and Assessment Process</i>	2973
Hitoshi Terai, Kazuhisa Miwa, and Mina Nakamura	
<i>Patterns of anxiety in algebraic problem solving in Australian adolescents: A three-step latent variable analysis</i>	2974
Kelly Trezise and Robert A. Reeve	
<i>Interaction, cognitive diversity and abstraction</i>	2975
Kristian Tylen, Johanne Philipsen, Svend Østergaard, Joanna Rączaszek-Leonardi, Frederik Stjernfelt, and Riccardo Fusaroli	
<i>Contributions of Statistical Regularities to Semantic Development</i>	2976
Layla Unger and Vladimir Sloutsky	
<i>Elementary school students' ability to activate related concepts in a domain predicts domain-based inferential reading comprehension</i>	2977
Catarina Vales and Anna Fisher	
<i>The relative amount of information contributed by learning and by pre-specification in a SRN trained to compute sameness</i>	2978
Juan Valle-Lisboa	
<i>Can adaptive prompting improve the collaboration of small face-to-face groups in math classrooms?</i>	2979
Kurt VanLehn	
<i>Going through the Motions: Investigating Strategies for Spatial Integration of a Small-Scale Array</i>	2980
Mia Velazquez, Corinne Holmes, and Nora Newcombe	
<i>Iambic Bias in Parsing Syllable Sequences by English Speakers</i>	2981
Ryan Budnick and Felix Wang	
<i>Skilled readers activate the meanings of phonetic cues in Chinese</i>	2982
Tianlin Wang, Matthew Cooper Borckenhagen, and Mark Seidenberg	
<i>The impact of transcutaneous vagal nerve stimulation on central noradrenergic activity as evidenced by salivary alpha amylase and the P3 event-related potential</i>	2983
Christopher Warren, Klodianna Daphne Tona, Lineke Ouwerkerk, Jos A. Bosch, and Sander Nieuwenhuis	
<i>Human generalization of an alternating category structure</i>	2984
Matt Wetzel and Kenneth Kurtz	

<i>Partial awareness of strategies used in a complex decision making task</i>	2985
Aaron Wong, Kevin Barnes, Gary Bradshaw, and Jarrod Moss	
<i>Navigating uncertainty through information search</i>	2986
Charley M. Wu, Bjoern Meder, and Jonathan D. Nelson	
<i>Behavioral and electrophysiological evidence of incidental learning, generalization and retention of speech categories from continuous speech</i>	2987
Yunan Wu, Lori Holt, Ran Liu, and Sung-Joo Lim	
<i>Holistic vs. Decompositional Processing in Chinese Foreign Language Learners</i>	2988
Alice Xia	
<i>Commonality search between unrelated objects for retrieving original knowledge</i>	2989
Mayu Yamakawa and Sachiko Kiyokawa	
<i>HBU: Human Behavior Understanding by Choice Reaching</i>	2990
Takashi Yamauchi and Anton Leontyev	
<i>English speakers gesture laterally for time regardless of the input modality</i>	2991
De Fu Yap and Daniel Casasanto	
<i>Source Retrieval Cues Facilitate Transfer in Fraction Learning</i>	2992
Shuyuan Yu and John Opfer	
<i>Can violation of conversational behavior maintain a sense of unity in informal situations? - A study on perception of conversational behavior using interactive robots/agents -</i>	2993
Masahide Yuasa	
<i>Automatic Extraction of Aggression Speech Patterns in the THREAT-corpus</i>	2994
Vera Zobotkina, Boris M. Velichkovsky, ELENA POZDNYAKOVA, Dmitry Orlov, and Artemy Kotov	
<i>The Roles of Gesture and Statistical Cues on Infants' Word Learning in Shared Storybook Reading</i>	2995
Yayun Zhang and Chen Yu	
Author Index	2996
List of Reviewers	3015