Friday, 19 July 2024: Workshop day			
10:00-20:00	Registration in CUBE building (open space)		
	de Groot | CUBE 216	Révész | CUBE 217	Auditorium | CUBE 1
10:00-13:30	Workshop: Reinforcement Learning Modeling For Human Choice Behavior	Workshop: How To Publish And Evaluate Your Model	
13:30-15:00	Lunch break (CUBE open space)		
15:00-18:30			Workshop: Women of Mathematical Psychology - Professional Representation for Inclusivity and Minority Empowerment (WOMP-PRIME) Professional Development Symposium
18:30-20:00	Opening reception with light food and drinks (CUBE open space)		

Tuesday, 23 July 2024: ACT-R Workshop / Follow-on Workshops		
09:00-18:00		Registration in CUBE building (open space)
		Vuyk | CUBE 220
10:00-18:00		Workshop: ACT-R
	12:30-14:00	Lunch break - CUBE open space

Saturday, 20 July 2024: Conference day 1						
9:00 - …		Registration in CUBE building (open space)				
9:00 - 10:00		CBB Editorial board meeting (CUBE 36)				
		de Groot | CUBE 216	Révész | CUBE 217	Donders | CUBE 218	Mellenbergh | CUBE 219	Vuyk | CUBE 220
10:00-11:40		**Symposium: Advancing Dynamic Models of Psychological Processes**	**Memory**	**Risky choice 1**	**Evidence accumulation: Race Models**	**ICCM: Linguistic Phenomena**
	10:00	**Snijder**: A multiverse analysis of the psychometric properties and robustness of dynamic structural equation models	**Huang**: How cognitive load and cognitive reflection impact probability judgments?	**Hof**: How sampling strategies shape risky choice	**Alaukik**: Evaluating the effects of response scale resolution on confidence judgements: A Multiple Threshold Race model approach	**van de Braak**: Intractability obstacles to explanations of communication
	10:20	**Aristodemou**: You Could do Better Tomorrow - Modeling day to day fluctuations in cognitive performance	**Haridi**: Semantic Similarity and Context Cues alleviate Set-size Effects on Long-Term Memory Retrieval Times	**Lob**: Modeling the roles of epistemic and aleatory uncertainty in people's subjective perceptions of uncertainty.	**Jahansa**: Modeling the stop signal task: further results on the copula approach	**Woensdregt**: Challenges for a Computational Explanation of Flexible Linguistic Inference
	10:40	**Berkhout**: Theoretical implications of how we model night gaps in ESM	**Potthoff**: Working memory, attention and executive control in digit span tasks	**Li**: The influence of probability versus utility on repeated mental simulations of risky events	**Ebrahimi Mehr**: Examining the Psychological Significance of the Jumps in the Decision Process through Test-Retest Reliability Analysis	**Matsumuro**: Memory activation and retrieval strategy in lexical alignment: Comparing the ACT-R model of human and computer interlocutors
	11:00	**Kievit**: Capturing asymmetrical temporal dynamics using thresholded time series models	**Göttmann**: Neurocognitive psychometrics of interindividual differences in working memory	**Maier**: Investigating Risky Choices With 'Fatal' Outcomes Using the Extinction Gambling Task	**Voss**: Is Evidence Accumulation Jumpy? A Lévy-Flight Model explains Fast Errors in Perceptual Decision Making	**Nishikawa**: Exploring an Approach for Phonological Awareness Estimation Employing Personalized Cognitive Models and Audio Filters
	11:20	**Schaaf**: A state-based time series model capturing mood fluctuations over time	**Shiffrin**: The REM model of Shiffrin & Steyvers (1997) Predicts 2AFC and Four-way Classification (4WC)	**Pachur**: An affect-based computational framework for modeling risky choice with nonmonetary outcomes	**Hato**: Bias Against Lévy Flight: What Happens When We Misspecify Lévy Flight as Diffusion Model?	**Group Q&A**
11:40-12:00		Coffee break (CUBE open space)				
12:00-13:00		**Keynote speaker: Iris Groen - ICCM (Auditorium)**				
13:00-14:00		Lunch break (CUBE open space), JMP Board Meeting (CUBE 36)				
14:00-15:40		**Language & AI**	**Statistics**	**Mental architectures & information processing**	**Evidence Accumulation: Multi-Attributes, Multi-Responses, and Complexity**	**ICCM: Emotion & Cognition**
	14:00	**Ostrovsky**: From Verbal Reports to Model Validation: Theoretical Framework and Application	**Steinhilber**: The Dark Side of Sequential Testing: A Simulation Study on Questionable Research Practices	**Zhang**: Deciphering Decision-Making Efficiency: The interplay of reliability and credibility in automated information processing	**Rieskamp**: A computational framework to account for visual attention in multi-attribute decisions	**Lebiere**: A Proposal for Extending the Common Model of Cognition to Emotion
	14:20	**Ungermann**: Using LLMs to automate the analysis of verbal reports	**Failenschmid**: Exploring non-linear trajectories in intensive longitudinal data: A comprehensive review of the available statistical methods	**Liu**: Varieties of Selective Influence: Toward a More Complete Taxonomy and Implications for Systems Identification	**Fernandez**: Cognitive models of multi-response choice	**Nagashima**: Trait Inference on Cognitive Model of Curiosity: Relationship between Perceived Intelligence and Levels of Processing
	14:40	**Ye**: Conceptions of status: A natural language processing approach	**Stevenson**: Generalized Bayesian hierarchical structural equation modeling	**Houpt**: Deriving critical tests of ACT-R using systems factorial technology with global model analysis	**Gonçalves**: Speed, accuracy, and complexity	**Conway-Smith**: The Computational Mechanisms of Detached Mindfulness
	15:00	**Cornell**: The Role of Episodic Memory in Storytelling: Comparing Large Language Models with Humans	**Donzallaz**: Spurious correlations in cognitive models: Bayesian hierarchical modeling to the rescue	**Fific**: MSPN: A Modular Serial-Parallel Network for Computational Modeling of Response Time and Choice in Facial Recognition Across Composite, Part-to-Whole, and Other-Race Effect Paradigms	**Mayaux**: Value and contrast in evidence accumulation models	**Werk**: How to Provide a Dynamic Cognitive Person Model of a Human Collaboration Partner to a Pepper Robot
	15:20	**WITHDRAWN**	**Aktepe**: Assessing the relevance of random effects for statements in mixed-effects models of the illusory truth effect	**King**: Learning in the Context of Partial Information	**Nie**: Analyzing the Impact of Choice Complexity on Risky Choices	**Group Q&A**
15:40-16:00		Coffee break (CUBE open space)				
16:00-17:00		**Fireside chat: Rich Shiffrin moderated by EJ Wagenmakers (Auditorium)**				
17:00-20:00		Poster session (CUBE open space) (Funding opportunities at the NSF)				

Sunday, 21 July 2024: Conference day 2						
9:00 - 10:00		WoMP Advisory board meeting (CUBE 36)				
9:00 - …		Registration in CUBE building (open space)				
		de Groot | CUBE 216	Révész | CUBE 217	Donders | CUBE 218	Mellenbergh | CUBE 219	Vuyk | CUBE 220
10:00-11:20		Symposium: Computational Psycholinguistics	Evidence accumulation & neuroscience	Real-world decisions	Philosophy & theory	ICCM: Problem Solving Skills
	10:00	**Paape**: Using multinomial processing trees to model latent cognitive processes during garden-pathing	**Boag**: A consensus guide to planning tasks for evidence accumulation modelling	**Mohammad**: Modeling overtaking decisions in dynamic traffic interactions using generalized drift-diffusion models	**Szollosi**: Invariants of human behaviour revisited: Snapshot vs universal explanations in psychology	**Williams**: "I Knew it!" Model-Based Dissociation of Prior Knowledge Confounds in Memory Assessments"
	10:20	**Coco**: Scan Pattern Similarity Predicts the Semantic Similarity of Sentences Across Languages Above and Beyond Their Syntactic Structure	**WITHDRAWN**	**Pleskac**: Understanding Race Bias in the Decision to Shoot with an Integrated Model of Decision Making	**Donkin**: What makes formal modelling work?	**Ragni**: Predicting complex problem solving performance in the tailorshop scenario
	10:40	**Bolliger**: Introducing ScanDL: A diffusion-based generative model of eye movements in reading	**Weindel**: Hidden multivariate pattern analysis reveals the duration of encoding and decision processes in single-trial EEG data	**von Krause**: Exploring the associations of diffusion decision model parameters with socioeconomic success	**Tabakci**: Comparing Bayesian and non-Bayesian accounts of human confidence reports: A computational replication study	**Larue**: Exploring Analogical Transfer with Tower of Hanoi Isomorphs
	11:00			**Lo**: To compete, or not to compete, that is the question		**Ben-Artzi**: Computational mechanisms underlying latent value updating of unchosen actions
11:20-11:40		Coffee break (CUBE open space)				
11:40-13:00		Symposium: Computational Psycholinguistics	Risky choice 2	Real-world modeling	Reinforcement learning	ICCM: Reasoning patterns
	11:40	**Brouwer**: Retrieval (N400) and Integration (P600) in language comprehension	**Marti**: Decomposing financial decision-making with feedback	**Schnuerch**: Pinocchio disassembled: Hierarchical diffusion modeling of the cognitive cost of lying	**Collingwood**: A two-drift race model of human habits	**Taylor-Davies**: Rational Compression In Choice Prediction
	12:00	**Frank**: Neural language model gradient as a predictor of ERPs and sentence acceptability	**Regenwetter**: Choose for others as you would choose for yourself? A layered analysis of probabilistic preferential choice	**Laskar**: A Reciprocal-Practice-Success (RPS) model of free practice	**Miletić**: Understanding the structure of fluctuations in decision making	**Ragni**: Predictive Algorithms for Individual Reasoning about Possibilities
	12:20	**Rabovsky**: Interindividual differences in predicting words versus sentence meaning: Explaining N400 amplitudes using large-scale neural network models	**Olschewski**: Risk Seeking and Risk Aversion in Choices and Valuations from Experience	**WITHDRAWN**	**Danwitz**: Framing the Exploration-Exploitation Trade-Off: Distinguishing Between Minimizing Losses and Maximizing Gains	**Todorovikj**: Model verification and preferred mental models in syllogistic reasoning
	12:40		**WITHDRAWN**		**Thalmann**: How General Are Individual Differences in Exploration Strategies?	**Group Q&A**
13:00-14:00		Lunch break (CUBE open space), SMP Executive Committee meeting (CUBE 36)				
14:00-15:00		Keynote speaker: **Iris van Rooij (Auditorium)**				
15:00-15:20		Coffee break - CUBE open space				
15:20-16:20		Symposium: Computational Psycholinguistics	Signal detection theory	Executive functions & cognitive control	Reasoning	Mental representation
	15:20	**Dotlacil**: Studying language and cognition using models of discourse meanings	**Fischer**: Two perspectives on decisions under risk and uncertainty: Modeling discrepancies and their psychological explanations	**Wientjes**: Episodic retrieval of cognitive control demand: A computational model	**Zimmermann**: Jumping to racial prejudice	**Yan**: Recovering individual mental representations of facial affect using Markov Chain Monte Carlo with People and Gatekeepers
	15:40	**Cassani**: Meaning modulations and stability in Large Language Models: An analysis of BERT embeddings for psycholinguistic research	**Jakob**: An empirical test of the two-high-threshold contrast model	**Fradkin**: How do we avoid doing or saying the wrong thing at the wrong time: exerting cognitive control during and after accumulation of internal evidence.	**Ilić**: Testing AI models as cognitive models for abstract reasoning development	**Yu**: Exploring latent processes of human generalization via computational modeling
	16:00	**Duff**: Modeling individual differences in a pragmatic reference game as a consequence of variable disengagement from unsuccessful strategies	**Biegler**: Time-variant payoffs and signal detection theory	**Yim**: Is focusing enough in category learning?	**Cruz**: Disentangling conditional dependencies	**Shahar**: State-independent and outcome-irrelevant model-free learning
	16:20		**Koß**: Reconciling signal-detection models of criterion learning with the generalized matching law	**Heathcote**: Choice models for the Dual-Modes of Cognitive Control task battery.	**Himmelstein**: Measuring Persuasion Without Measuring a Prior Belief: A New Application of Planned Missing Data Techniques	
16:40-17:40		SMP Meeting (Auditorium)				
18:30		Conference dinner/banquet (Auberge du Bonheur: Bredaseweg 441, Tilburg)				

Monday, 22 July 2024: Conference day 3						
09:00-…		Registration in CUBE building (open space)				
		de Groot | CUBE 216	Révész | CUBE 217	Donders | CUBE 218	Mellenbergh | CUBE 219	Vuyk | CUBE 220
10:00-11:20		Beliefs & selective attention	Mental processes & health	Neuroscience	Social cognition: Wisdom of the crowd	ICCM: Learning Processes
	10:00	**Sommer**: Cognitive processes and judgmental strategies in belief updating	**Jiawen-Liu**: Reassessing Violence Severity: A Novel Approach Using Pairwise Choice Questions and Order Constraint Models	**Stolle**: Model selection for parsimonious whole-brain decoders: beyond cross-validation	**Vanhasbroeck**: Minds for Mobile Agents: A pedestrian model based on psychological principles	**Bennett**: Genetically evolving verbal learner: a computational model based on chunking and evolution
	10:20	**Ralston**: Generalizing categorization models as attractor networks yields powerful learning architectures	**Lasagna**: A drift diffusion modeling investigation of altered self-referential social perception in psychosis and bipolar disorder	**Preusse**: Nonstationarity of the hemodynamic response function in event-related functional magnetic resonance imaging	**Wort**: Distribution Inference and Surface Tracing (DIST): A computational model of ensemble perception	**Wilschut**: Modeling Instance-Based Rule Learning in an Adaptive Retrieval Practice Task
	10:40	**Li**: Can the queueing model of visual search account for feature search?	**Ghaderi-Kangavari**: Exploring stimulus- and action-value reinforcement learning in Parkinson's disease	**Krause**: Massive generalized additive models of neurophysiological time-series	**Angne**: Why two heads together are worse than apart: A context-based account of collaborative inhibition in memory search	**Collins**: Dissecting the Drivers of Change Points in Individual Learning: An Analysis with Real-World Data
	11:00	**Turner**: Inferring Constraints on Attention: An Across Species Analysis		**Steeghs-Turchina**: Modeling EEG with axon delay times to analyze individual differences in cognition	**Lee**: Using cognitive models to debias anchoring effects in wisdom of the crowd aggregation	**Shahar**: Exploring the steps of learning: computational modeling of initiatory-actions among individuals with attention-deficit/hyperactivity disorder
11:20-11:40		Coffee break - CUBE open space				
11:40-12:40		Symposium: Computational Models of Confidence and Metacognition	Symposium: Deep learning and simulation-based inference for computational cognitive modeling	Numeric cognition	Context effects	ICCM: Neuroscience Models
	11:40	**Guggenmos**: ReMeta toolbox: inferring latent metacognitive parameters from confidence datasets	**Sokratous**: Unveiling the Hidden: Machine Learning Approaches for the Discovery of Latent Structures	**Seitz**: Investigating the cognitive processes underlying quantitative judgments: Insights from combining cognitive modeling and eye tracking	**Spektor**: Testing context effects: How to have your cake and eat it, too	**Sainz Villalba**: A Neuro-Symbolic Implementation of Mouse Reward Timing Learning
	12:00	**Benwell**: Sub-clinical psychiatric symptom dimensions are associated with shifts in metacognitive bias but not metacognitive noise.	**Elsemüller**: Integrating efficient sensitivity analyses into amortized Bayesian workflows	**Sun**: Compressed Representations and Attentional Competition in Numeric Integration for Average Estimations	**Davis-Stober**: Testing the Additively Separable Representation of Utility Theories: An Experiment Evaluating Monotonicity, Transitivity, and Double	**Preuss**: How to Match Cognitive Model Predictions with EEG data
	12:20	**Ceja**: Select-a-frame: constructing comprehensive and comparable metacognitive behavioral profiles	**Kaper**: Modeling the impact of stress on representation formation using variational autoencoders	**Castillo**: Characterizing People's Sampling Engines Using Random Generation	**Gelastopoulos**: The disjunction effect does not violate the Law of Total Probability	**Frank**: Simulating event-related potentials in bilingual sentence comprehension: syntactic
	12:40	**West**: From perception to confidence: Leveraging natural image statistics	**Schumacher**: Validation and comparison of non-stationary cognitive models: A diffusion model application			**Group Q&A**
13:00-14:00		Lunch break (CUBE open space), ICCM Business meeting (CUBE 36)				
14:00-15:00		Keynote speaker: **Gregory Cox** - Estes early career award lecture (Auditorium)				
15:00-15:20		Coffee break - CUBE open space				
15:20-17:00		Symposium: Computational Models of Confidence and Metacognition	Symposium: Deep learning and simulation-based inference for computational cognitive modeling	Evidence accumulation: General	Memory & perception	Social cognition
	15:20	**Rausch**: A comparison of static models of perceptual confidence and metacognition	**Radev**: Amortized Bayesian inference with hybrid expert-in-the-loop and learnable summary statistics	**Bompas**: Decision versus non-decision time	**Salvatore**: A neural network model of free recall and its connection to neural machine translation	**Speekenbrink**: State of play: Interacting latent Markov chains in repeated games
	15:40	**Hellmann**: The importance of accumulation time in the computation of confidence	**Nunez**: Using simulation-based Bayesian inference to explore the unidentified spaces of (neuro-)cognitive models	**Dai**: Evidence accumulation is not essential for generating intertemporal preference	**Spicer**: Mental Sampling in Preferential Choice: Specifying the Sampling Algorithm	**Batzke**: Exploring the social and temporal dynamics of striving for cognitive consistency in political belief change
	16:00	**Chen**: Linear ballistic accumulator models of confidence and response time	**Huang**: TogetherFlow: Bayesian simulation-based emergent attentional dynamics in room-oriented immersive systems	**Chávez De la Peña**: An EZ Bayesian hierarchical drift diffusion model for response time and accuracy	**Zhang**: Integrating orthographic feature frequency with global matching models of recognition memory	**Fitch**: The value of environmental and health outcomes under delay and risk
	16:20	**le Denmat**: Learning how to compute confidence	**Bockting**: Invertible neural networks for simulation-based prior knowledge elicitation		**Perquin**: Tactile sensorimotor transformations are reliable over time, but do not generalise across tasks	**Malaviya**: Teaching functions with Gaussian processes
	16:40	**Gunay**: Computational Modelling of Post-decisional EEG Markers Informing Confidence	**Lüken**: Assessing the robustness of amortized Bayesian inference for evidence-accumulation models applied to different experimental designs		**Busemeyer**: Comparison of Markov and quantum walk models of bistable perception	