

1. *Direct Alignment with Heterogeneous Preferences*
Ali Shirali, Arash Nasr-Esfahany, Abdullah Alomar, Parsa Mirtaheri, **Rediet Abebe**, Ariel Procaccia
2. *TRACE: Contrastive learning for multi-trial time series data in neuroscience*
Lisa Schmors, Dominic Gonschorek, Jan Niklas Böhm, Yongrong Qiu, Na Zhou, **Dmitry Kobak**, Andreas Tolias, Fabian Sinz, Jacob Reimer, Katrin Franke, Sebastian Damrich, **Philipp Berens**
3. *A data and task-constrained mechanistic model of the mouse outer retina shows robustness to contrast variations*
Kyra Kadhim, Jonas Beck, Ziwei Huang, **Jakob H Macke**, Fred Rieke, Thomas Euler, Michael Deistler, **Philipp Berens**
4. *Equivariance by Contrast: Identifiable Equivariant Embeddings from Unlabeled Finite Group Actions*
Tobias Schmidt, Steffen Schneider, **Matthias Bethge**
5. *What Moves the Eyes: Doubling Mechanistic Model Performance Using Deep Networks to Discover and Test Cognitive Hypotheses*
Federico D'Agostino, Lisa Schwetlick, **Matthias Bethge**, Matthias Kümmerer
6. *AlgoTune: Can Language Models Speed Up General-Purpose Numerical Programs?*
Ori Press, Brandon Amos, Haoyu Zhao, Yikai Wu, Samuel Ainsworth, Dominik Krupke, Patrick Kidger, Touqir Sajed, Bartolomeo Stellato, Jisun Park, Nathanael Bosch, Eli Meril, Albert Steppi, Arman Zharmagambetov, Fangzhao Zhang, David Pérez-Piñeiro, Alberto Mercurio, Ni Zhan, Talor Abramovich, Kilian Lieret, Hanlin Zhang, Shirley Huang, **Matthias Bethge**, Ofir Press
7. *BEDLAM2.0: Synthetic humans and cameras in motion*
Joachim Tesch, Giorgio Becherini, Prerana Achar, Anastasios Yiannakidis, Muhammed Kocabas, Priyanka Patel, **Michael Black**
8. *HairFree: Compositional 2D Head Prior for Text-Driven 360° Bald Texture Synthesis*
Mirela Ostrek, **Michael Black**, Justus Thies
9. *Quantifying Uncertainty in Error Consistency: Towards Reliable Behavioral Comparison of Classifiers*
Thomas Klein, Sascha Meyen, **Wieland Brendel**, **Felix A. Wichmann**, **Kristof Meding**

10. *Concept-Guided Interpretability via Neural Chunking*
Shuchen Wu, Stephan Alaniz, Shyamgopal Karthik, **Peter Dayan**, Eric Schulz, Zeynep Akata
11. *FNOPE: Simulation-based inference on function spaces with Fourier Neural Operators*
Guy Moss, Leah Muhle, **Reinhard Drews**, **Jakob H Macke**, Cornelius Schröder
12. *Put CASH on Bandits: A Max K-Armed Problem for Automated Machine Learning*
Amir Rezaei Balef, **Claire Vernade**, Katharina Eggensperger
13. *Position: Benchmarking is Broken - Don't Let AI be Its Own Judge*
Zerui Cheng, Stella Wohnig, Ruchika Gupta, Samiul Alam, Tassallah Abdullahi, João Alves Ribeiro, Christian Nielsen-Garcia, Saif Mir, Siran Li, Jason Orender, Seyed Ali Bahrainian, Daniel Kirste, Aaron Gokaslan, **Carsten Eickhoff**, Ruben Wolff
14. *ReSim: Reliable World Simulation for Autonomous Driving*
Jiazhi Yang, Kashyap Chitta, Shenyuan Gao, Long Chen, Yuqian Shao, Xiaosong Jia, Hongyang Li, **Andreas Geiger**, Xiangyu Yue, Li Chen
15. *Register and [CLS] tokens induce a decoupling of local and global features in large ViTs*
Alexander Lappe, **Martin Giese**
16. *How Benchmark Prediction from Fewer Data Misses the Mark*
Guanhua Zhang, Florian E. Dorner, **Moritz Hardt**
17. *Monoculture or Multiplicity: Which Is It?*
Mila Gorecki, **Moritz Hardt**
18. *Advancing Compositional Awareness in CLIP with Efficient Fine-Tuning*
Amit Peleg, Naman Deep Singh, **Matthias Hein**
19. *Robustness in Both Domains: CLIP Needs a Robust Text Encoder*
Elias Abad Rocamora, Christian Schlarmann, Naman Deep Singh, Yongtao Wu, **Matthias Hein**, Volkan Cevher
20. *Rethinking Approximate Gaussian Inference in Classification*
Bálint Mucsányi, Nathaël Da Costa, **Philipp Hennig**
21. *Learning in Compact Spaces with Approximately Normalized Transformer*
Jörg Franke, Urs Spiegelhalter, Marianna Nezhurina, Jenia Jitsev, **Frank Hutter**, Michael Hefenbrock
22. *Do-PFN: In-Context Learning for Causal Effect Estimation*
Jake Robertson, Arik Reuter, Siyuan Guo, Noah Hollmann, **Frank Hutter**, **Bernhard Schölkopf**
23. *TabArena: A Living Benchmark for Machine Learning on Tabular Data*
Nick Erickson, Lennart Purucker, Andrej Tschalzev, David Holzmüller, Prateek Desai, David Salinas, **Frank Hutter**
24. *DeltaProduct: Improving State-Tracking in Linear RNNs via Householder Products*
Julien Siems, Timur Carstensen, Arber Zela, **Frank Hutter**, Massimiliano Pontil, Riccardo Grazzi

25. *Gompertz Linear Units: Leveraging Asymmetry for Enhanced Learning Dynamics*
Indrashis Das, Mahmoud Safari, Steven Adriaensen, **Frank Hutter**
26. *EquiTabPFN: A Target-Permutation Equivariant Prior Fitted Network*
Michael Arbel, David Salinas, **Frank Hutter**
27. *On the Surprising Effectiveness of Large Learning Rates under Standard Width Scaling*
Moritz Haas, Sebastian Bordt, **Ulrike Luxburg**, Leena Chennuru Vankadara
28. *Performative Validity of Recourse Explanations*
Gunnar König, Hidde Fokkema, Timo Freiesleben, **Celestine Mender-Dünner**, **Ulrike Luxburg**
29. *Effortless, Simulation-Efficient Bayesian Inference using Tabular Foundation Models*
Julius Vetter, Manuel Gloeckler, Daniel Gedon, **Jakob H Macke**
30. *Identifying multi-compartment Hodgkin-Huxley models with high-density extracellular voltage recordings*
Ian Christopher Tanoh, Michael Deistler, **Jakob H Macke**, Scott Linderman
31. *Forecasting in Offline Reinforcement Learning for Non-stationary Environments*
Suzan Ece Ada, **Georg Martius**, Emre Ugur, Erhan Oztop
32. *Look-Ahead Reasoning on Learning Platforms*
Haiqing Zhu, Tijana Zrnic, **Celestine Mender-Dünner**
33. *Collective Counterfactual Explanations: Balancing Individual Goals and Collective Dynamics*
Ahmad-Reza Ehyaei, Ali Shirali, **Samira Samadi**
34. *SPARTAN: A Sparse Transformer World Model Attending to What Matters*
Anson Lei, **Bernhard Schölkopf**, Ingmar Posner
35. *Reparameterized LLM Training via Orthogonal Equivalence Transformation*
Zeju Qiu, Simon Buchholz, Tim Xiao, Maximilian Dax, **Bernhard Schölkopf**, Weiyang Liu
36. *Counterfactual reasoning: an analysis of in-context emergence*
Moritz Miller, **Bernhard Schölkopf**, Siyuan Guo
37. *Are Language Models Efficient Reasoners? A Perspective from Logic Programming*
Andreas Opedal, Yanick Zengaffinen, Haruki Shirakami, Clemente Pasti, Mrinmaya Sachan, Abulhair Saparov, Ryan Cotterell, **Bernhard Schölkopf**
38. *Non-Stationary Lipschitz Bandits*
Nicolas Nguyen, Solenne Gaucher, **Claire Vernade**
39. *Quantization-Free Autoregressive Action Transformer*
Ziyad Sheebaelhamd, Michael Tschannen, Michael Muehlebach, **Claire Vernade**