

Rishi Bommasani

EDUCATION

Stanford University

Ph.D. Candidate, Computer Science, September 2020 – Present

Advisors: Percy Liang, Dan Jurafsky

Funding: Lieberman Fellowship, NSF Graduate Research Fellowship

Cornell University

M.S. Computer Science, August 2019 – May 2020

B.A. Computer Science, B.A. Mathematics, August 2016 – May 2019

Advisor: Claire Cardie

AWARDS

Stanford Lieberman Fellowship

Stanford CORES Open Science Innovator

Percy Liang*, **Rishi Bommasani***, Tony Lee* et al. [Holistic Evaluation of Language Models](#). *Transactions on Machine Learning Research* (TMLR). 2023. **Outstanding Paper**.

Jason Wei, Yi Tay, **Rishi Bommasani** et al. [Emergent Abilities of Large Language Models](#). *Transactions on Machine Learning Research* (TMLR). 2022. **Outstanding Survey Paper**.

NSF Graduate Research Fellowship

Computer Science Prize for Academic Excellence and Leadership, Cornell University

Outstanding Teaching Assistant Award (6x), Cornell University

2024

Shayne Longpre et al. [The Foundation Model Development Cheatsheet](#). *Under review at TMLR*.

Rishi Bommasani*, Kevin Klyman* et al. [The Foundation Model Transparency Index v1.1](#): May 2024. *Under review at Science*.

Yoshua Bengio et al. [International Scientific Report on the Safety of Advanced AI](#). *AI Seoul Summit*.

Sayash Kapoor*, **Rishi Bommasani*** et al. [On the Societal Impact of Open Foundation Models](#). *International Conference on Machine Learning* (ICML). **Oral — top 1.5% of papers**.

Shayne Longpre et al. [A Safe Harbor for AI Evaluation and Red Teaming](#). *International Conference on Machine Learning* (ICML). **Oral — top 1.5% of papers**.

Rishi Bommasani et al. [Foundation Model Transparency Reports](#). *Under review at AIES*.

2023

Rishi Bommasani et al. [Considerations for Governing Open Foundation Models](#). *Under review at Science (Policy Forum)*.

Rishi Bommasani*, Kevin Klyman* et al. [The Foundation Model Transparency Index](#). *Under review at Science*.

Neel Guha*, Christie Lawrence* et al. [AI Regulation Has Its Own Alignment Problem: The Technical and Institutional Feasibility of Disclosure, Registration, Licensing, and Auditing](#). *George Washington Law Review*.

Connor Toups*, **Rishi Bommasani***, Kathleen A. Creel, Sarah Bana, Dan Jurafsky, Percy Liang. [Homogeneous Outcomes for Individuals from Deployed ML APIs](#). *Neural Information Processing Systems* (NeurIPS).

Deepak Narayanan, Keshav Santhanam, Peter Henderson, **Rishi Bommasani**, Tony Lee, Percy

- Liang. [Cheaply Evaluating Inference Efficiency Metrics for Autoregressive Transformer APIs](#). *Neural Information Processing Systems (NeurIPS)*.
- Rishi Bommasani**, Percy Liang, Tony Lee. [Holistic Evaluation of Language Models](#). *Annals of the New York Academy of Sciences (NYAS)*.
- Rishi Bommasani**, Dilara Soylu, Thomas I. Liao, Kathleen A. Creel, Percy Liang. [Ecosystem Graphs: Documenting the Social Footprint of Foundation Models](#). *Under review at AIES*.
- 2022 Mina Lee et al. [Evaluating Human-Language Model Interaction](#). *Transactions on Machine Learning Research (TMLR)*.
- Rishi Bommasani**. [Evaluation for Change](#). *Association for Computational Linguistics (ACL)*.
- Percy Liang*, **Rishi Bommasani***, Tony Lee* et al. [Holistic Evaluation of Language Models](#). *Transactions on Machine Learning Research (TMLR)*. **Outstanding Paper**.
- Rishi Bommasani**, Kathleen A. Creel, Ananya Kumar, Dan Jurafsky, Percy Liang. [Picking on the Same Person: Does Algorithmic Monoculture lead to Outcome Homogenization?](#) *Neural Information Processing Systems (NeurIPS)*.
- Jason Wei, Yi Tay, **Rishi Bommasani** et al. [Emergent Abilities of Large Language Models](#). *Transactions on Machine Learning Research (TMLR)*. **Outstanding Survey Paper**.
- Rishi Bommasani**, Kathleen A. Creel, Ananya Kumar, Dan Jurafsky, Percy Liang. [Picking on the Same Person: Does Algorithmic Monoculture lead to Outcome Homogenization?](#) *ACM Conference on Equity and Access in Algorithms, Mechanisms, and Optimization (EAAMO)*.
- Yacine Jernite et al. [Data Governance in the Age of Large-Scale Data-Driven Language Technology](#). *ACM Conference on Fairness, Accountability, and Transparency (FAccT)*.
- 2021 **Rishi Bommasani***, ..., Percy Liang*. [On the Opportunities and Risks of Foundation Models](#). *Under review at JMLR*.
- Rishi Bommasani** and Percy Liang. [Trustworthy Social Bias Measurement](#). *Under review at AIES*.
- 2020 **Rishi Bommasani** and Claire Cardie. [Intrinsic Evaluation of Summarization Datasets](#). *Empirical Methods in Natural Language Processing (EMNLP)*.
- Rishi Bommasani**, Kelly Davis, Claire Cardie. [Interpreting Pretrained Contextualized Representations via Reductions to Static Embeddings](#). *Association for Computational Linguistics (ACL)*.
- 2019 **Rishi Bommasani**, Zhiwei Steven Wu, Alexandra Schofield. [Towards Private Synthetic Text Generation](#). *Machine Learning with Guarantees (NeurIPS Workshop)*.
- Rishi Bommasani**. [Long-Distance Dependencies Don't Have to Be Long: Simplifying through Provably \(Approximately\) Optimal Permutations](#). *Context and Compositionality (NeurIPS workshop)*.
- Rishi Bommasani** and Claire Cardie. [Towards Understanding Position Embeddings](#). *BlackboxNLP: Analyzing and Interpreting Neural Networks for NLP (ACL workshop)*.
- Rishi Bommasani**. [Long-Distance Dependencies Don't Have to Be Long: Simplifying through](#)

[Provably \(Approximately\) Optimal Permutations.](#)

Association for Computational Linguistics: Student Research Workshop (ACL SRW).

Rishi Bommasani, Arzoo Katiyar, Claire Cardie. [SPARSE: Structured Prediction using Argument-Relative Structured Encoding.](#) *Structured Prediction for NLP (NAACL workshop).*

POLICY

Rishi Bommasani*, Sayash Kapoor*, Kevin Klyman* et al. [Stanford-Princeton led response on open foundation models.](#)

Request for Comment: US National Telecommunications and Information Administration (NTIA). 2024.

Alondra Nelson et al. [AI Policy and Governance Working Group response on open foundation models.](#)

Request for Comment: US National Telecommunications and Information Administration (NTIA). 2024.

Rishi Bommasani et al. [Considerations for Governing Open Foundation Models.](#) 2023.

Rishi Bommasani, Tatsunori Hashimoto, Daniel E. Ho, Marietje Schaake, Percy Liang. [Towards compromise: A concrete two-tier proposal for foundation models in the EU AI Act.](#) 2023.

Rishi Bommasani. [Drawing Lines: Tiers for Foundation Models.](#) 2023.

Caroline Meinhardt et al. [By the Numbers: Tracking The AI Executive Order.](#) 2023.

Rishi Bommasani et al. [Decoding the White House AI Executive Order’s Achievements.](#) 2023.

Arvind Narayanan, Sayash Kapoor, **Rishi Bommasani.** [What the executive order means for openness in AI.](#) 2023.

Rishi Bommasani, Kevin Klyman, Daniel Zhang, Marietje Schaake, Percy Liang. [Do Foundation Model Providers Comply with the Draft EU AI Act?](#) 2023.

Rishi Bommasani, Sayash Kapoor, Daniel Zhang, Arvind Narayanan, Percy Liang. [Stanford-Princeton response on AI Accountability.](#)

Request for Comment: US National Telecommunications and Information Administration (NTIA). 2023.

Rishi Bommasani, Daniel Zhang, Tony Lee, Percy Liang. [Improving Transparency in AI Language Models: A Holistic Evaluation.](#) 2023.

INVITED TALKS

AI Policy for Foundation Models. **Stanford Congressional Boot Camp on Artificial Intelligence.** August 2024.

Foundation Model Transparency Index. Private briefing of **UK Competition and Markets Authority.** July 2024.

Panel on Foundation Models for Space. **IEEE Space Mission Challenges for Information Technology (SMC-IT) and Space Computing Conference.** July 2024.

Policy for Foundation Models. **Accenture @ Stanford HAI.** July 2024.

Panel on Scoping Evaluations. **National Academies of Sciences, Engineering, and Medicine** (Host: William Isaac, Mona Sloane, Ben Shneiderman). June 2024.

Policy for Foundation Models. Private roundtable with **French President’s Special Envoy for the**

AI Action Summit, Anne Bouverot. June 2024.

Panel on Human-Assistant Interaction. **Google DeepMind & Stanford** workshop on the Ethical and Societal Implications of Agentic AI Systems (Host: Leif Wenar, Iason Gabriel). June 2024.

Foundation Model Transparency Index. Private briefing of **EU AI Office**. June 2024.

Homogeneous Outcomes in Algorithmic Hiring. CEO Seminar at **Department of Labor**. June 2024.

AI Policy for Foundation Models. **AI Policy Network Speaker Series** (Host: Hodan Omaar). May 2024.

Moderator for **California Generative AI Summit** (w/ Deb Raji). May 2024.

AI Policy for Foundation Models. Tech Policy Roundtable for the **European Consulates-General** (Host: Nate Persily). April 2024.

Transparency Requirements for AI Act Implementation. Private briefing of **EU AI Office**. April 2024.

Transparency and Openness for Foundation Models. Private briefing of **UN High Level Advisory Board**. April 2024.

Transparency Requirements for AI Act Implementation. Private briefing of **EU AI Office**. April 2024.

Moderator for AI Safety Institute session at **Stanford AI Policy Workshop** (Speakers: Elizabeth Kelly, Oliver Illot, Akiko Murakami). April 2024.

Open Foundation Models. **Partnership on AI & GitHub Workshop**. April 2024.

Open Foundation Models. Private convening by **Carnegie Endowment for International Peace @ Rockefeller Foundation**, Italy (Host: Mariano-Florentino Cuéllar). April 2024.

Open Foundation Models. Private roundtable with **US Secretary of Commerce Gina Raimondo**. March 2024.

Open Foundation Models. Private convening by **Institute of Advance Study @ Shangri La Museum of Islamic Art**, Hawaii (Host: Alondra Nelson). March 2024.

Procurement Standards for AI. Private briefing of **US Department of Homeland Security Chief Information Office, Eric Hysen @ Stanford HAI**. March 2024.

Policy for foundation models. **Stanford Cyber Policy Seminar** (Host: Nathan Persily). February 2024.

Foundation Models and AI Policy. Private roundtable with **Netherlands Prime Minister Mark Rutte**. December 2023.

Transparency for Foundation Models: A Lost Cause or a Valiant Fight? [Workshop](#) on **Sociotechnical AI Safety** (Host: Seth Lazar; Discussant: Tyna Eloundou). November 2023.

Foundation Models and the EU AI Act. Private roundtable with **UK Secretary of State for Science, Innovation & Technology Michelle Donelan**. November 2023.

Policy for Foundation Models. **Accenture** @ Stanford HAI. November 2023.

Foundation Models and the EU AI Act. Private briefing of the **European Parliament** (Host: Members of European Parliament Eva Maydell and Dragos Tudorache). November 2023.

Foundation Models and the EU AI Act. Private briefing of **ITRE and INTA delegations of EU Parliament** @ Stanford HAI. November 2023.

Foundation Models and the EU AI Act. Private briefing of **German AI and Data delegation** @ Stanford HAI. October 2023.

Foundation Models and the EU AI Act. Private briefing of **Italian Vice-President of the Chamber of Deputies Anna Ascani** @ Stanford HAI. October 2023.

Evaluation of Foundation Models. Spotlight at Data Nutrition Project Workshop (Host: Kasia Chmielinski). September 2023.

Foundation Models and the EU AI Act. Private briefing of **Spanish Secretary for Digital Affairs Carme Artigas** @ Stanford. September 2023.

The Societal Impact of Foundation Models. **Nonprofit Management Institute Conference**. September 2023.

Foundation models. **PwC** @ Stanford HAI. August 2023.

Foundation models. **Banco Itau** @ Stanford HAI. August 2023.

Governance of Foundation Models. **Stanford Congressional Boot Camp on Artificial Intelligence**. August 2023.

Foundation Models and the EU AI Act. **EU Parliament**: Private briefing at the European Parliament in Brussels, Belgium (Host: Members of European Parliament Eva Maydell and Dragos Tudorache). July 2023.

The Societal Impact of Foundation Models. **United Nations**: Invited Talk at the Conference on Large Generative Models in Geneva, Switzerland (Host: Philipp Hacker and Sarah Hammer). July 2023.

Language Models, Law and Policy. Roundtable Panelist at **NYU School of Law** (Host: Paul Friedl and Gabriel Nicholas). July 2023.

Foundation Models in Academia and Industry. Panelist at **ICML Workshop on Efficient Systems for Foundation Models**. July 2023.

Making Foundation Models Transparent. **NIST AI Metrology Colloquium Series** (Host: Afzal Godil). June 2023.

Ethics of Language Models. Invited Speaker at **Northeastern AI and Data Ethics Summer School** (Host: Kathleen A. Creel). June 2023.

Societal Impact of AI. **Princeton CS + Center for Information Technology Policy** (Host: Arvind Narayanan). May 2023.

Holistic Evaluation of Foundation Models. **Google** @ Stanford HAI. March 2023.

The Center for Research on Foundation Models. **Barclays** @ Stanford HAI. March 2023.

The Center for Research on Foundation Models. **Axa** @ Stanford HAI. February 2023.

Holistically Evaluating Language Models on the Path to Evaluating Foundation Models. Guest lecture at **MIT MAS.S68** Generative AI for Constructive Communication (Host: Deb Roy, Shayne Longpre, Hang Jiang, Hope Schroeder). February 2023.

Evaluation in AI. **ML Collective** Seminar (Host: Rosanne Liu). February 2023.

Evaluation in AI. **ENS Paris** Cognitive Machine Learning Seminar (Host: Emmanuel Dupoux, Tú Anh Nguyen, Mathieu Rita). February 2023.

Evaluation in AI. **Technion** - Israel Institute of Technology (Host: Yonatan Belinkov and Zachary Bamberger). January 2023.

Holistic Evaluation of Language Models. **Partnership on AI** (Host: Madhulika Srikumar and Elissa Redmiles). January 2023.

Holistic Evaluation of Language Models. Guest lecture at **CMU CS 15-884** Theoretical and Empirical Foundations of Modern Machine Learning (Host: Aditi Raghunathan). December 2022.

Foundation models. AI Seminar at **Ohio State University** (Host: Yu Su). October 2022.

Foundation models: Below the surface. **Adani Group** (Gautam Adani) @ Stanford HAI. October 2022.

Holistic evaluation of language models. **Stanford Computing and Society** (Host: Roshni Sahoo). October 2022.

Holistic evaluation of language models. **National AI Advisory Council** @ Stanford HAI. October 2022.

Foundation models: Below the surface. **MunichRe** @ Stanford HAI. September 2022.

Foundation models: Below the surface. **Sony** (company-wide; host: Yuki Mitsufuji). August 2022.

Fireside chat on foundation models (w/ Percy Liang). **Stanford Congressional Boot Camp on Artificial Intelligence**. August 2022.

Systemic harms: Picking on the same person. **Fairness Lunch at Stanford** (Host: Omer Reingold and Judy Shen). May 2022.

Holistic evaluation of language models. **Google** @ Stanford HAI. April 2022.

Foundation models: Below the surface. **Wells Fargo** (company-wide; host: Angelina Yang). December 2021.

Foundation models: Below the surface. **Stanford Vision Lab** (Host: Fei-Fei Li and Shyamal Buch). November 2021.

Foundation models: Below the surface. **MIT NLP Seminar** (Host: Jacob Andreas and Belinda Li). October 2021.

Foundation models: Below the surface. **Facebook AI Research** (Host: Myle Ott). October 2021.

ADVISING	Agnieszka (Aga) Koc	[B.A. CS, Cambridge University, 2019]
	After: Engineer at Google.	
	Albert Tsao	[B.S. CS, Cornell University, 2020]
	After: M.S. CS at Cornell University.	
	Aman Achpal	[Engineer at Microsoft]
	Anna (Wei-An) Huang	[B.S. CS, Cornell University, 2021]
	After: Engineer at Microsoft.	
	Connor Toups	[M.S. CS, Stanford University, 2023]
	After: Corporate Development at D.E. Shaw.	
	Dilara Soylu	[M.S. CS, Stanford University, 2022]
	After: Ph.D. CS at Stanford University.	
	Gokul Dharan	[M.S. CS, Stanford University, 2022]
	After: Engineer at Zipline.	
	Han (Quintessa) Qiao	[B.S. CS, Cornell University, 2022]
	After: Engineer at Meta.	
	Jonathan Xue	[High School Student, 2023]
	Joseph Kihang'a	[B.A. French, Cornell University, 2018]
	Julie Phan	[B.S. CS, Cornell University, 2020]
	Kevin Klyman	[Masters in International Policy, Stanford University, 2025]
	After: J.D. Law at Harvard University.	
	Nathan Kim	[B.S. CS, Stanford University, 2024]
	Ryan Chi	[B.S and M.S. CS, Stanford University, 2024]
	Sabhya Chhabria	[B.A. CS, Cornell University, 2022]
	After: M.S. CS at Princeton University.	
	Siddharth Sharma	[High School Student, 2021]
	After: B.S. CS at Stanford University.	
	Virginia Adams	[Senior Applied Scientist at NVIDIA]
	After: M.S. CS at Stanford University.	
	Wenyi Guo	[B.S. CS, Cornell University, 2022]
	After: M.Eng. CS at Cornell University.	
	Ye Jiang	[M.Eng. CS, Cornell University, 2020]

TEACHING EXPERIENCE	Human-Centered Natural Language Processing (Stanford CS 329X)	Spring 2023
	<i>Graduate Teaching Assistant</i>	
	Foundation Models (Stanford CS 324)	Winter 2022
	<i>Graduate Teaching Assistant</i>	
	Natural Language Understanding (Stanford CS 224U)	Spring 2021
	<i>Graduate Teaching Assistant</i>	
	Natural Language Processing (Cornell CS 5740)	Spring 2020
	<i>Graduate Teaching Assistant</i>	
	Natural Language Processing (Cornell CS 4740)	Fall 2019
	<i>Instructor, Graduate Teaching Assistant</i>	
	Honors Discrete Mathematics (Cornell CS 2802)	Spring 2019
	<i>Head Teaching Assistant</i>	
	Natural Language Processing (Cornell CS 4740)	Fall 2018
	<i>Head Teaching Assistant</i>	
	Discrete Mathematics (Cornell CS 2800)	Fall 2018, Spring 2018, Fall 2017
	<i>Teaching Assistant</i>	

SERVICE

Leadership

Society Lead at the [Stanford Center for Research on Foundation Models](#). 2021–Present.

Closed-Door Workshop on Governing Open Foundation Models (w/ Percy Liang, Daniel E. Ho). 2024.

[New Horizons in Generative AI: Science, Creativity, and Society](#) (w/ Percy Liang, Surya Ganguli). 2023.

[Workshop on Responsible and Open Foundation Models](#) (w/ Sayash Kapoor, Percy Liang, Arvind Narayanan). 2023.

[The First Workshop on Foundation Models](#) (w/ Percy Liang). 2022.

University Service

[Stanford Computer Science Faculty Hiring Committee](#) (Chair: Kunle Olukotun). 2024

[AI Audit Challenge](#) (w/ Marietje Schaake, Daniel Zhang). 2022.

[Stanford Ethics and Society Review](#) (Chair: Michael Bernstein). 2022.

[Stanford NLP Retreat Organizer](#) (w/ Tianyi Zhang, John Hewitt, Tatsu Hashimoto). 2022.

[Stanford Computer Science PhD Admissions Committee](#) (Chair: Karen Liu). 2022, 2023, 2024.

[Stanford Computer Science PhD Visit Day Organizer \(AI\)](#). 2021, 2022.

[Stanford Computer Science PhD Student-Applicant Support Program Reviewer](#). 2021, 2022.

Service to the Field

Area Chair at ACL, EMNLP

Reviewer at NeurIPS, ACL, EMNLP, FAccT, NAACL, COLM, various workshops

Organizer of AI Policy Social (w/ Hoda Heidari, Judy Shen, Daniel Zhang). *ICML 2024*.

Organizer of AI Policy Social (w/ Divyansh Kaushik, Judy Shen). *ICML 2023*.

Organizer of CRAFT Session on [Language Models and Society: Bridging Research and Policy](#) (w/ Ioana Baldini, Stefania Druga, Mihaela Vorvoreanu). *FAccT 2023*.

Organizer of Special Interest Group on [Foundation Models in Healthcare](#)

(w/ Anja Thieme, Marzyeh Ghassemi, Tariq Osman Andersen, Ewa Luger, Aditya Nori). *CHI 2023*.

LAST UPDATED

June 12, 2024