

- Revathy, G., Nandhini, T., Kumar, M.B. & Senthilvadivu, S. (2025 ). Ethical Implications and Bias Mitigation in Machine Learning Algorithms.
- Besri, Z. (2025 ). Fuzzy Logic for Ethical AI Governance: A Framework for Organizational Decision-Making Systems and Integration with Intuitionist Fuzzy Methods for Digital Transformation.
- Foalem, P.L., Silva, L.D., Khomh, F., Li, H. & Merlo, E. (2025 ). Logging requirement for continuous auditing of responsible machine learning-based applications.
- Kumar, R., Sporn, K., Waisberg, E., Ong, J., Paladugu, P., Vadhera, A.S., ... Lee, A.G. (2025 ). Navigating Healthcare AI Governance: the Comprehensive Algorithmic Oversight and Stewardship Framework for Risk and Equity.
- Sahoo, K. & Saurav, S. (2025 ). Designing AI Systems with User Empathy and Inclusivity: Navigating Bias and Representation.
- Wang, Z., Yin, Z., Liu, Z., Yap, R.H.C., Zhang, X., Hu, S. & Zhang, W. (2025 ). Redefining Fairness: A Multi-dimensional Perspective and Integrated Evaluation Framework.
- Ferrara, C., Sellitto, G., Ferrucci, F., Palomba, F. & Lucia, A.D. (2024 ). Fairness-aware machine learning engineering: how far are we?.
- Kuhl, U. & Bush, A. (2025 ). When Bias Backfires: The Modulatory Role of Counterfactual Explanations on the Adoption of Algorithmic Bias in XAI-Supported Human Decision-Making.
- Torres, N., Ulloa, C., Araya, I., Ayala, M. & Jara, S. (2024 ). A comprehensive analysis of gender, racial, and prompt-induced biases in large language models.
- Cruz, A., Salazar, T., Carvalho, M., Maças, C., Machado, P. & Abreu, P.H. (2025 ). Guidelines for designing visualization tools for group fairness analysis in binary classification.
- Onur, D. & Özbakır, Ç. (2025 ). Pediatrics 4.0: the Transformative Impacts of the Latest Industrial Revolution on Pediatrics.
- Purificato, E., Boratto, L. & Luca, E.W.D. (2024 ). Toward a Responsible Fairness Analysis: From Binary to Multiclass and Multigroup Assessment in Graph Neural Network-Based User Modeling Tasks.
- Naveen, S., Annapoorna, M.S., Manimegalai, V., Santhosh, S. & Dharshne, M. (2025 ). Enhancing Online Employment Analytics Through Deep Learning-Based Predictive Models.
- Huang, Y., Guo, J., Donahoo, W.T., Lee, Y.A., Fan, Z., Lu, Y., ... Bian, J. (2024 ). A fair individualized polysocial risk score for identifying increased social risk in type 2 diabetes.
- Peña, A., Serna, I., Morales, A., Fierrez, J., Ortega, A., Herrarte, A., ... Ortega-Garcia, J. (2023 ). Human-Centric Multimodal Machine Learning: Recent Advances and Testbed on AI-Based Recruitment.
- Monroe-White, T. & Lecy, J. (2022 ). The Wells-Du Bois Protocol for Machine Learning Bias: Building Critical Quantitative Foundations for Third Sector Scholarship.
- Misztal-Radecka, J. & Indurkha, B. (2022 ). A bias detection tree approach for detecting disparities in a recommendation model's errors.
- Cheng, M., De-Arteaga, M., Mackey, L. & Kalai, A.T. (2023 ). Social norm bias: residual harms of fairness-aware algorithms.
- Tugui, A. (2024 ). Toward Behavioral Meta-rules for AI Entities in the Altug Scenario.
- Miron, M., Tolan, S., Gómez, E. & Castillo, C. (2021 ). Evaluating causes of algorithmic bias in juvenile criminal recidivism.
- Deldjoo, Y., Jannach, D., Bellogin, A., Difonzo, A. & Zanzonelli, D. (2023 ). Fairness in recommender systems: research landscape and future directions.
- Balayn, A., Lofi, C. & Houben, G. (2021 ). Managing bias and unfairness in data for decision support: a survey of machine learning and data engineering approaches to identify and mitigate bias and unfairness within data management and analytics systems.
- Lenders, D. & Calders, T. (2023 ). Users' needs in interactive bias auditing tools introducing a requirement checklist and evaluating existing tools.
- Chen, Feng, Wang, Liqin, Hong, Julie, ... Li (2024 ). Unmasking bias in artificial intelligence: a systematic review of bias detection and mitigation strategies in electronic health record-based models.
- Ghani, Rayid, Rodolfä, T., K., Saleiro, Pedro, ... Sérgio (2023 ). Addressing Bias and Fairness in Machine Learning: A Practical Guide and Hands-on Tutorial.
- Stevens, A., Deruyck, P., Veldhoven, Z.V. & Vanthienen, J. (2020 ). Explainability and Fairness in Machine Learning: Improve Fair End-to-end Lending for Kiva.
- Chen, R. & Shen, H. (2025 ). Ethical AI in Charitable Systems: A Framework for Bias Mitigation in Volunteer Matching.
- Waller, M., Rodrigues, O., Lee, M.S.A. & Cocarascu, O. (2024 ). Bias Mitigation Methods: Applicability, Legality, and Recommendations for Development.
- Zhang, L., Wang, Z., Zhang, Y., Zhang, M. & Wang, J. (2025 ). HIFI: Explaining and Mitigating Algorithmic Bias through the Lens of Game-Theoretic

Interactions.

- Caton, S., Malisetty, S. & Haas, C. (2022 ). Impact of Imputation Strategies on Fairness in Machine Learning.
- Richardson, B., Sattigeri, P., Wei, D., Ramamurthy, K.N., Varshney, K.R., Dhurandhar, A. & Gilbert, J.E. (2023 ). Add-Remove-or-Relabel: Practitioner-Friendly Bias Mitigation via Influential Fairness.
- Yu, J., Huynh, J.T.D., Fan, S., Demartini, G., Chen, T., Yin, H. & Sadiq, S. (2025 ). BiasNavi: LLM-Empowered Data Bias Management.
- Lancaster, C.M., Schulenberg, K., Flathmann, C., McNeese, N.J. & Freeman, G. (2024 ). “It’s Everybody’s Role to Speak Up... But Not Everyone Will”: Understanding AI Professionals’ Perceptions of Accountability for AI Bias Mitigation.
- Juijn, G., Stoimenova, N., Reis, J. & Nguyen, D. (2023 ). Perceived Algorithmic Fairness using Organizational Justice Theory: An Empirical Case Study on Algorithmic Hiring.
- Pagan, N., Baumann, J., Elokda, E., Pasquale, G.D., Bolognani, S. & Hannák, A. (2023 ). A Classification of Feedback Loops and Their Relation to Biases in Automated Decision-Making Systems.
- Dong, Y., Liu, N., Jalaian, B. & Li, J. (2022 ). EDITS: Modeling and Mitigating Data Bias for Graph Neural Networks.
- Black, E., Gillis, T.B. & Hall, Z. (2024 ). D-hacking.
- Soremekun, E., Papadakis, M., Cordy, M. & Traon, Y.L. (2025 ). Software Fairness: An Analysis and Survey.
- Kamalaruban, P., Pi, Y., Burrell, S., Drage, E., Skalski, P., Wong, J. & Sutton, D. (2024 ). Evaluating Fairness in Transaction Fraud Models: Fairness Metrics, Bias Audits, and Challenges.
- Hutiri, W.(., Ding, A.Y., Kawsar, F. & Mathur, A. (2023 ). Tiny, Always-on, and Fragile: Bias Propagation through Design Choices in On-device Machine Learning Workflows.
- Weerts, H., Pfisterer, F., Feurer, M., Eggensperger, K., Bergman, E., Awad, N., ... Hutter, F. (2024 ). Can Fairness be Automated? Guidelines and Opportunities for Fairness-aware AutoML.
- Ashktorab, Z., Hoover, B., Agarwal, M., Dugan, C., Geyer, W., Yang, H.B. & Yurochkin, M. (2023 ). Fairness Evaluation in Text Classification: Machine Learning Practitioner Perspectives of Individual and Group Fairness.
- Orphanou, K., Otterbacher, J., Kleanthous, S., Batsuren, K., Giunchiglia, F., Bogina, V., ... Kuflik, T. (2023 ). Mitigating Bias in Algorithmic Systems—A Fish-eye View.
- Jesus, S., Saleiro, P., Silva, I.O.E., Jorge, B.M., Ribeiro, R.P., Gama, J., ... Ghani, R. (2024 ). Aequitas flow: streamlining fair ML experimentation.
- Baumann, J., Sapiezynski, P., Heitz, C. & Hannák, A. (2024 ). Fairness in Online Ad Delivery.
- Kang, J. & Tong, H. (2021 ). Fair Graph Mining.
- Fairness, A.C.O., Accountability & Transparency, A. (2023 ). Bias on Demand: A Modelling Framework That Generates Synthetic Data With Bias.
- D’Aloisio, G., Fortz, S., Hanna, C. & Fortunato, D. (2024 ). FRINGE: context-aware Fairness engineering in complex software systems.
- Russo, M. & Vidal, M. (2025 ). Towards an Ontology-Driven Approach to Document Bias.
- Li, Y., Chen, H., Xu, S., Ge, Y., Tan, J., Liu, S. & Zhang, Y. (2023 ). Fairness in Recommendation: Foundations, Methods, and Applications.
- Shahbazi, N., Lin, Y., Asudeh, A. & Jagadish, H.V. (2023 ). Representation Bias in Data: A Survey on Identification and Resolution Techniques.
- Perilo, M., Valença, G. & Telles, A. (2022 ). Non-Binary and Trans-Inclusive AI: A Catalogue of Best Practices for Developing Automatic Gender Recognition Solutions.
- Kaya, M. & Bogers, T. (2025 ). Mapping Stakeholder Needs to Multi-Sided Fairness in Candidate Recommendation for Algorithmic Hiring.
- Xu, Z. & Yu, R. (2024 ). Contexts Matter but How? Course-Level Correlates of Performance and Fairness Shift in Predictive Model Transfer.
- Ghosh, A., Shanbhag, A. & Wilson, C. (2022 ). FairCanary: Rapid Continuous Explainable Fairness.
- Lam, K., Lange, B., Blili-Hamelin, B., Davidovic, J., Brown, S. & Hasan, A. (2024 ). A Framework for Assurance Audits of Algorithmic Systems.
- Kang, J., He, J., Maciejewski, R. & Tong, H. (2020 ). InFoRM: Individual Fairness on Graph Mining.
- Li, Y., Sun, H. & Wang, W.H. (2020 ). Towards Fair Truth Discovery from Biased Crowdsourced Answers.
- Gupta, S., Lee, S., De-Arteaga, M. & Lease, M. (2023 ). Same Same, But Different: Conditional Multi-Task Learning for Demographic-Specific Toxicity Detection.
- DiCiccio, C., Vasudevan, S., Basu, K., Kenthapadi, K. & Agarwal, D. (2023 ). Evaluating Fairness Using Permutation Tests.

- Imana, B., Korolova, A. & Heidemann, J. (2024 ). Auditing for Racial Discrimination in the Delivery of Education Ads.
- Liu, J. (2023 ). Toward A Two-Sided Fairness Framework in Search and Recommendation.
- Yang, J., Zhu, Y. & Shi, X. (2024 ). Toward Fair Ultrasound Computing Tomography: Challenges, Solutions and Outlook.
- Quiñonero-Candela, J., Wu, Y., Hsu, B., Jain, S., Ramos, J., Adams, J., ... Basu, K. (2023 ). Disentangling and Operationalizing AI Fairness at LinkedIn.
- Zehlike, M., Yang, K. & Stoyanovich, J. (2023 ). Fairness in Ranking, Part II: Learning-to-Rank and Recommender Systems.