IMAGE COMPRESSION PROJECT

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CS663: DIGITAL IMAGE PROCESSING
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Indian Institute of Technology Bombay
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Contents

Blocks

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Literature

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- Paper2 (Cowgill and Tucker 2020)
- Paper3 (Lambrecht and Tucker 2019)
  - Legal restrictions create an uneven burden on advertisers and platforms (Yuan et al. 2023)
- Paper3 (Fu et al. 2022)

We explain why...

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Model

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Some Results

Once Again...

Really appreciate your comments

THANK YOU!

References I

Corbett-Davies, S., S. Goel. 2018. The measure and mismeasure of fairness: A critical review of fair machine learning. CoRR. URL `http://arxiv.org/abs/1808.00023`.

Cowgill, B., C.E. Tucker. 2020. Algorithmic fairness and economics. Social Science Research Network. URL `https://ssrn.com/abstract=3361280`. Accessed June 4, 2023.

Fu, R., M. Aseri, P.V. Singh, K. Srinivasan. 2022. "Un"fair machine learning algorithms. *Management Science* **68**(6) 4173–4195.

Köchling, A., M.C. Wehner. 2020. Discriminated by an algorithm: A systematic review of discrimination and fairness by algorithmic decision-making in the context of HR recruitment and HR development. *Business Research* **13**(3) 795–848.

Lambrecht, A., C. Tucker. 2019. Algorithmic bias? An empirical study of apparent gender-based discrimination in the display of stem career ads. *Management science* **65**(7) 2966–2981.

Silva, S., M. Kenney. 2019. Algorithms, platforms, and ethnic bias. *Communications of the ACM* **62**(11) 37–39.

Yuan, D., M. Aseri, T. Mukhopadhyay. 2023. Is fair advertising good for platforms? Social Science Research Network. URL `https://ssrn.com/abstract=4444865`. Accessed June 4, 2023.