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Abstract	
This deliverable provides a list of all of the publications produced in the context of the 30 months of the DESCANT project.	
Keyword(s):	Project dissemination, Scientific publications

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1. About this Deliverable

This document provides a complete list of all peer-review publications produced during the DESCANT project.

2. Publications List

Barlas, P., Krahn, M., Kleanthous, S., Kyriakou, K., & Otterbacher, J. (2022, May). Shifting Our Awareness, Taking Back Tags: Temporal Changes in Computer Vision Services' Social Behaviors. In *Proceedings of the International AAAI Conference on Web and Social Media* (Vol. 16, pp. 22-31).

Christoforou, E., Barlas, P., & Otterbacher, J. (2020). Crowdwork as a Snapshot in Time: Image Annotation Tasks during a Pandemic. In Work-in-Progress Track, the Eighth AAAI Conference on Human Computation and Crowdsourcing (AAAI HCOMP - October 2020).

Christoforou, E., Barlas, P., & Otterbacher, J. (2021). It's About Time: A View of Crowdsourced Data Before and During the Pandemic. To appear in the Proceedings of the ACM Conference on Human Factors in Computing Systems (ACM CHI 2021). (May 2021).

Clough, P.D. and Otterbacher, J. (2022). Democratizing AI: From Theory to Practice. In *The Handbook of Research on Artificial Intelligence, Innovation, and Entrepreneurship*. London: Edward Elgar Publishing.

Fan, S., Barlas, P., Christoforou, E., Otterbacher, J., Sadiq, S., and Demartini, G. (2022). Socio-Economic Diversity in Human Annotations. In *14th ACM Web Science Conference 2022 (WebSci '22)*. Association for Computing Machinery, New York, NY, USA, (pp. 98–109). <https://doi.org/10.1145/3501247.3531588>

Kafkalias, A., Herodotou, S., Theodosiou, Z., & Lanitis, A. (2022). Bias in Face Image Classification Machine Learning Models: The Impact of Annotator's Gender and Race. In *IFIP International Conference on Artificial Intelligence Applications and Innovations* (pp. 89-100). Springer, Cham.

Kasinidou, M., Kleanthous, S., & Otterbacher, J. (2021, July). 'Expected Most of the Results, but Some Others... Surprised Me': Personality Inference in Image Tagging Services. In *International Symposium on End User Development* (pp. 187-195). Springer, Cham.

Kasinidou, M., Kleanthous, S., Barlas, P., & Otterbacher, J. (2021, March). I agree with the decision, but they didn't deserve this: Future Developers' Perception of Fairness in Algorithmic Decisions. In *Proceedings of the 2021 ACM Conference on Fairness, Accountability, and Transparency* (pp. 690-700).

Kasinidou, M., Kleanthous, S., Orphanou, K., & Otterbacher, J. (2021). Education Computer Science Students about Algorithmic Fairness, Accountability, Transparency, and Ethics. Accepted for publication in the 26th Annual Conference on Innovation and Technology in Computer Science Education (ITiCSE 2021).

Kleanthous, S., Kasinidou, M., Barlas, P., & Otterbacher, J. (2022). Perception of fairness in algorithmic decisions: Future developers' perspective. *Patterns*, 3(1), 100380.

Kyriakou, K., Barlas, P., Kleanthous, S., Christoforou, E., & Otterbacher, J. (2021). Crowdsourcing Human Oversight on Image Tagging Algorithms: An initial study of image diversity. In Ninth AAAI Conference on Human Computation and Crowdsourcing Work-in-Progress (HCOMP 2021).

Orphanou, K., Otterbacher, J., Kleanthous, S., Batsuren, K., Giunchiglia, F., Bogina, V., Shulner Tal, A., Hartman, A., and Kuflik, T.. 2022. Mitigating Bias in Algorithmic Systems - A Fish-Eye View. *ACM Computing Surveys* ("Just Accepted" March 2022). <https://dl.acm.org/doi/abs/10.1145/3527152>

Orphanou, K., Christoforou, E., Otterbacher, J., Paramita, M. L., & Hopfgartner, F. (2021, November). Preserving the memory of the first wave of COVID-19 pandemic: Crowdsourcing a collection of image search queries. In *Proceedings of the Third symposium on Biases in Human Computation and Crowdsourcing*. CEUR Workshop Proceedings.

Paramita, M. L., Orphanou, K., Christoforou, E., Otterbacher, J., & Hopfgartner, F. (2021). Do you see what I see? Images of the COVID-19 pandemic through the lens of Google. *Information Processing & Management*, 58(5), 102654.

Perikleous, P., Kafkalias, A., Theodosiou, Z., Barlas, P., Christoforou, E., Otterbacher, J. Demartini, G. and Lanitis, A. How Does the Crowd Impact the Model? A tool for raising awareness of social bias in crowdsourced training data. To appear in the *Proceedings of 31st ACM International Conference on Information and Knowledge Management (CIKM'22)*, November 2022.

3. DESCANT Zenodo Archive

The project management has used the Zenodo repository to archive our publications.

- Link to the Zenodo repository: https://zenodo.org/communities/descant_cy