

Fallouts of the Frequentist Assumption in Machine Learning

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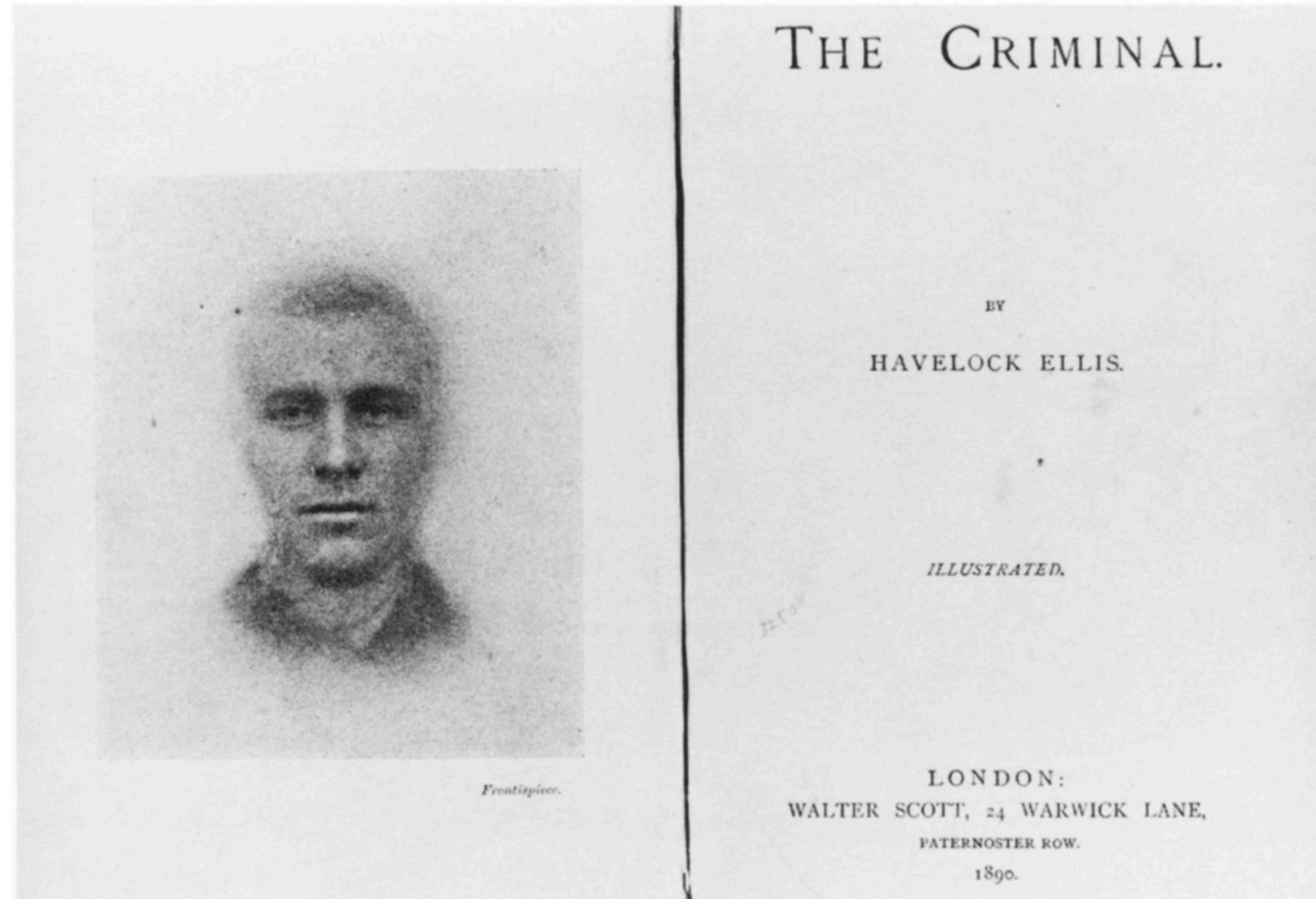
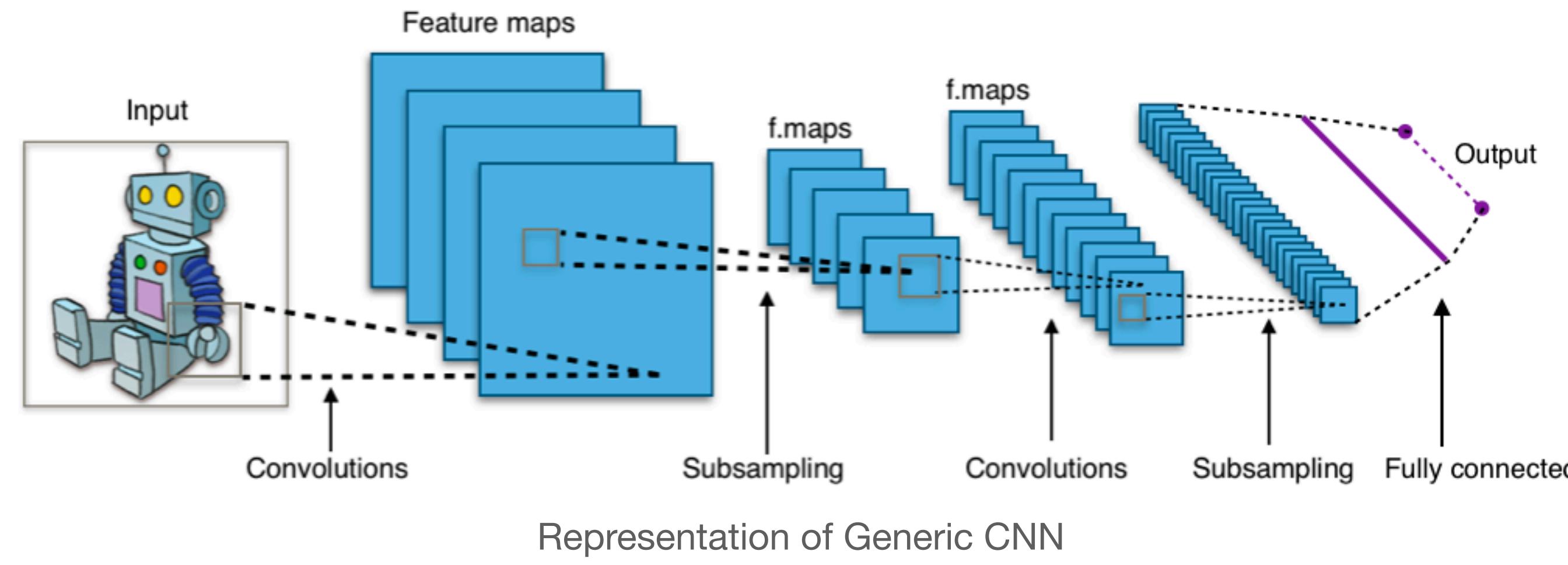


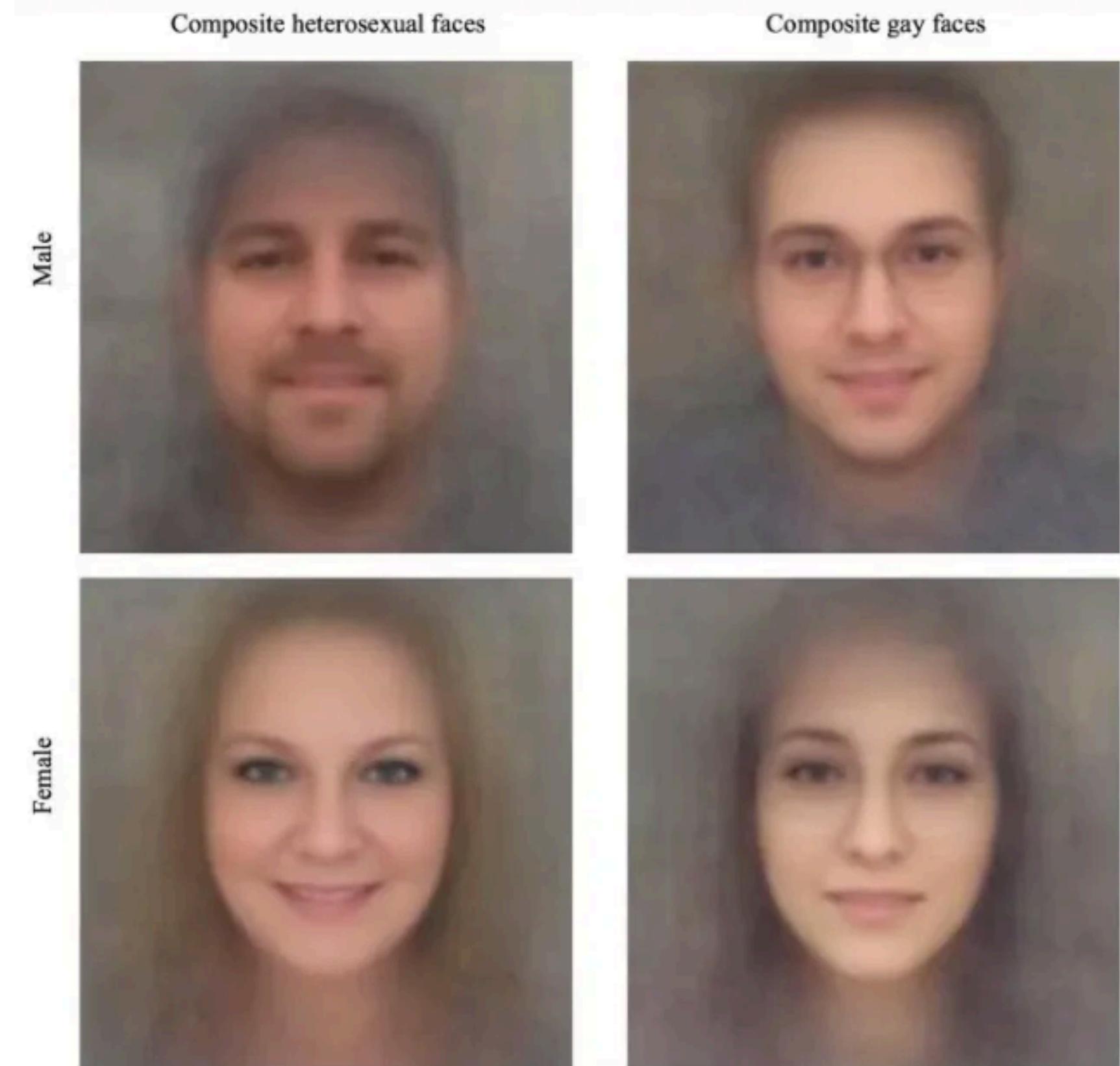
Image source: A Galtonian Composite as shown by Alan Sekula: The Body and the Archive (1986). October. MIT Press



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Frequentist Assumption





Source: Do algorithms reveal sexual orientation or just
expose our stereotypes?

Discussion Question

What interaction patterns might be missed in your work as a result of the frequentist assumption?

References

1. Arcas, B. A. y. (2018, January 18). Do algorithms reveal sexual orientation or just expose our stereotypes? *Medium*. <https://medium.com/@blaisea/do-algorithms-reveal-sexual-orientation-or-just-expose-our-stereotypes-d998fafdf477>
2. Birhane, A., Talat, Z. (Forthcoming) It's Incomprehensible: On Machine Learning and Decoloniality. In S. Lindgren (Eds.), Handbook of Critical Studies of Artificial Intelligence. Edward Elgar Publishers.
3. Harris, Z. S. (1954). Distributional Structure. *WORD*, 10(2–3), 146–162. <https://doi.org/10.1080/00437956.1954.11659520>
4. Sekula, A. (1986). The Body and the Archive. *October*, 39, 3. <https://doi.org/10.2307/778312>