Reproducibility Aspects of Crack Detection as a Weakly-Supervised Problem: Towards Achieving Less Annotation-Intensive Crack Detectors

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Abstract

This paper focuses on the reproducibility aspects of our ICPR2020 paper titled Crack Detection as a Weakly-Supervised Problem: Towards Achieving Less Annotation-Intensive Crack Detectors. More specifically, we will describe our efforts in making the proposed framework reproducible, the dataset reproducible, and the experiments reproducible. In addition, we argue that reproducibility is a step toward adoptable research, which is something all researchers should strive for. To promote future research, the implementation of the paper is publicly made available at https://github.com/hitachi-rd-cv/weakly-sup-crackdet.

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