

Efficient Explainable Face Verification based on Similarity Score Argument Backpropagation - Supplementary Material

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1. Introduction

This is the supplementary material to the paper: Efficient Explainable Face Verification based on Similarity Score Argument Backpropagation. We provide more examples in Figure 1 and 2 of our efficient approach to explain face verification decisions on the novel Patch-LFW dataset, and also more explanation examples of the investigated state-of-the-art approaches to allow a more complete comparison. in Figure 3 we provide some examples from the LFW dataset. The maps are not normalized.

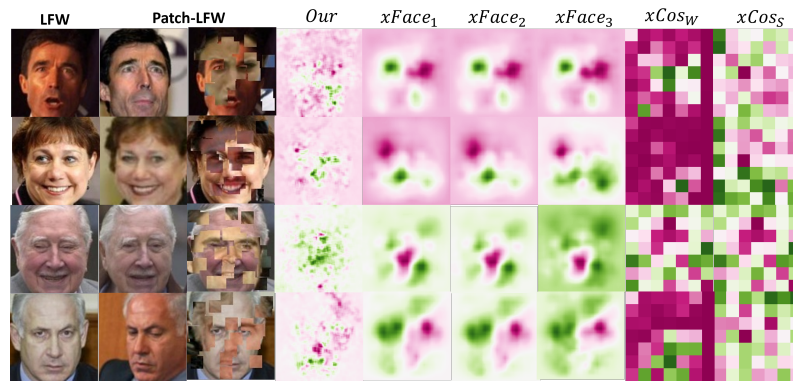


Figure 1. More "False Match" Examples from the Patch-LFW dataset.

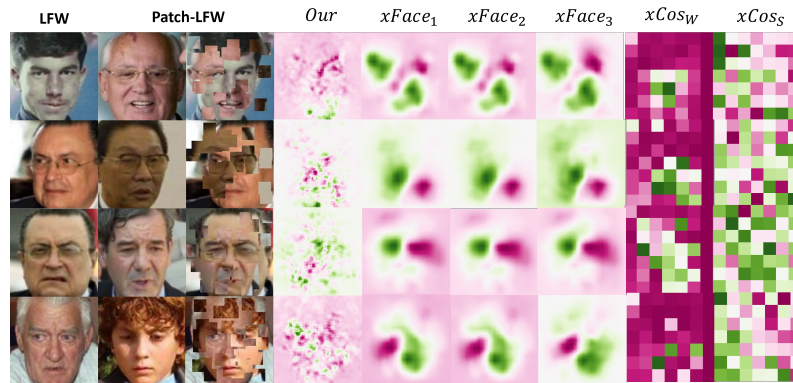


Figure 2. More "False Non Match" Examples from the Patch-LFW dataset.

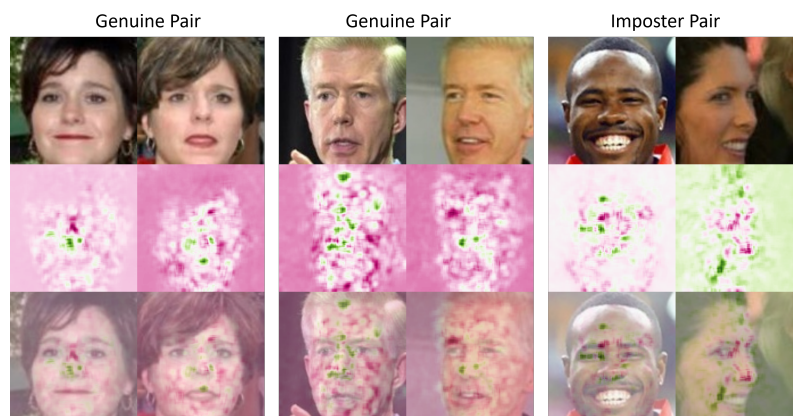


Figure 3. Examples taken from the LFW dataset.