Depth Videos for the Classification of Micro-Expressions

Ankith Jain Rakesh Kumar, Bir Bhanu, Christopher Casey, Sierra Grace Cheung and Aaron Seitz University of California, Riverside





Conclusions

Collected a new RGB-D dataset (VISME) for facial micro-expressions.

 \succ

- > Comprehensive evaluation was performed on the VISME dataset using both classical and deep learning approaches for RGB and Depth videos.
 - The overall MA for the RGB videos is 1.52% higher than the depth videos.

Acknowledgement: This material is based upon work supported by the National Science Foundation under grant number 1911197