A Comparsion of Feature Extraction and Clustering Algorithms for Inference on the Correlation between Facial Features and Professional Talent

Bithiah Yuan

October 15, 2019

1 Introduction

1.1 Social Science

2 Related Work

- 2.1 Machine assisted face feature in social sciences
- 2.2 Clustering Faces
- 3 Background
- 3.1 Face Dection
- 3.2 Feature Extraction
- 4 Experiment
- 4.1 Dataset
- 4.2 Evaluation
- 5 Conclusion

References

[1] J. Joo, F. F. Steen, and S. Zhu. "Automated Facial Trait Judgment and Election Outcome Prediction: Social Dimensions of Face". In: 2015 IEEE International Conference on Computer Vision (ICCV). 2015, pp. 3712–3720. DOI: 10.1109/ICCV.2015.423.