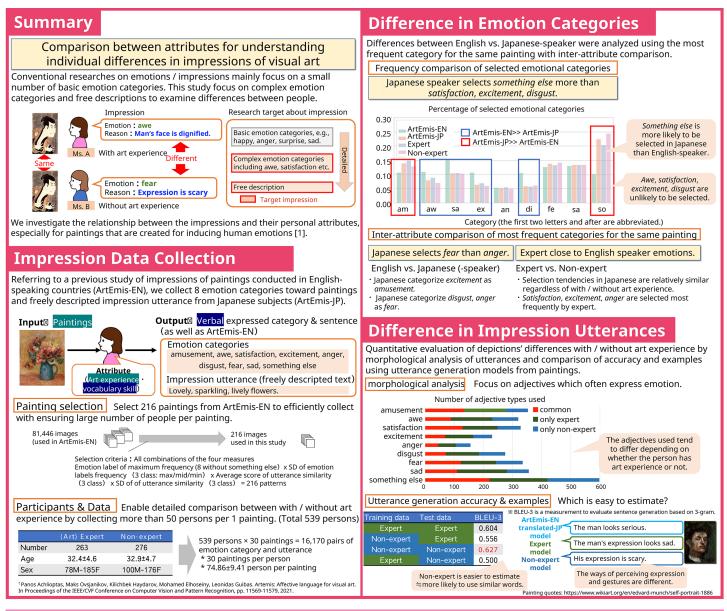
What makes people's impression for artworks different?

Abstract

Emotions and impressions people feel when looking at a particular visual artwork vary from person to person. To examine these differences in impressions, this study collected and analyzed the emotion categories that people felt appropriate and freely descripted texts. Conventional studies investigating individual differences in emotions have mainly looked at emotions selected by people from a small number of emotion categories. In this study, we collected many pairs of eight emotion categories and free descriptions along with personal attributes for each painting and evaluated them objectively and quantitatively using natural language analysis techniques and statistical analysis. As a result, the categories and words likely to be selected and used by each attribute were clarified. During this analysis, we developed a model for estimating people's impressions that is useful for communication support by a system that interacts with people and for adapting the model to each individual.



References

[1] H. Narimatsu, R. Ueda, S. Kumano, "Cross-Linguistic Study on Affective Impression and Language for Visual Art Using Neural Speaker," in *Proc. 10th International Conference on Affective Computing and Intelligent Interaction (ACII)*, 2022.

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