

Introduction

Motivation: Inspired by the psychology research & empirical theory, we verify that **degree of emotion** may vary in different segment, thus introducing sentiment complementary and emotion intrinsic on temporal segments



Fig.1. *Godfather* (1972) and its corresponding emotion. The colored texts indicate the emotional words given by affective lexicon and the rectangles show the related content towards emotional words.

Contributions

- Masked affective modeling to exploit temporal affective cues among modalities for discriminative representation, which can be integrated into existing video emotion analysis methods as a **plug-in** module.
- Extensive experiments demonstrate effectiveness of MART covering four downstream areas on emotion classification and sentiment analysis.

MART: Masked Affective RepresenTation Learning via Masked Temporal Distribution Distillation

Zhicheng Zhang

Pancheng Zhao



Eunil Park

Jufeng Yang

Methodology



成均館大學校 SUNGKYUNKWAN UNIVERSITY