

# TIME-LAG AWARE MULTI-MODAL VARIATIONAL AUTOENCODER Kaito Hirasawa, Keisuke Maeda, Takahiro Ogawa and Miki Haseyama

## INTRODUCTION





explain the details of the games.

- they are closely related to each other.
- events.



# EXPERIMENTAL RESULTS

**Evaluation index** : F-measure

### — Comparative methods (CMs)

CMs1-6 : Using features of {textual}, {visual}, {audio}, {textual, visual}, {textual, audio} and {visual, audio}, respectively. CMs4 and 5 consider the time-lags. **CM7** : MVAE [22] not considering time-lags **CM8** : Long Short-Term Memory [25]

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corresponding event is about 72 seconds.