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Discriminative Context Learning with Gated Recurrent Unit for Group Activity Recognition

Pil-Soo Kim, Dong-Gyu Lee, Seong-Whan Lee

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Highlights

- A novel feature DGCF to represent context information of group activity is proposed and used as input to GRU for sequence modeling.
- A data augmentation method for trajectory data to reduce overfitting problem in neural network is proposed.
- Superior performance by using the proposed DGCF and data augmentation method.

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