Gesture Recognition in Egocentric Videos

INTRODUCTION

- Monocular hand gesture recognition in ego-vison that deals with static and dynamic gestures.
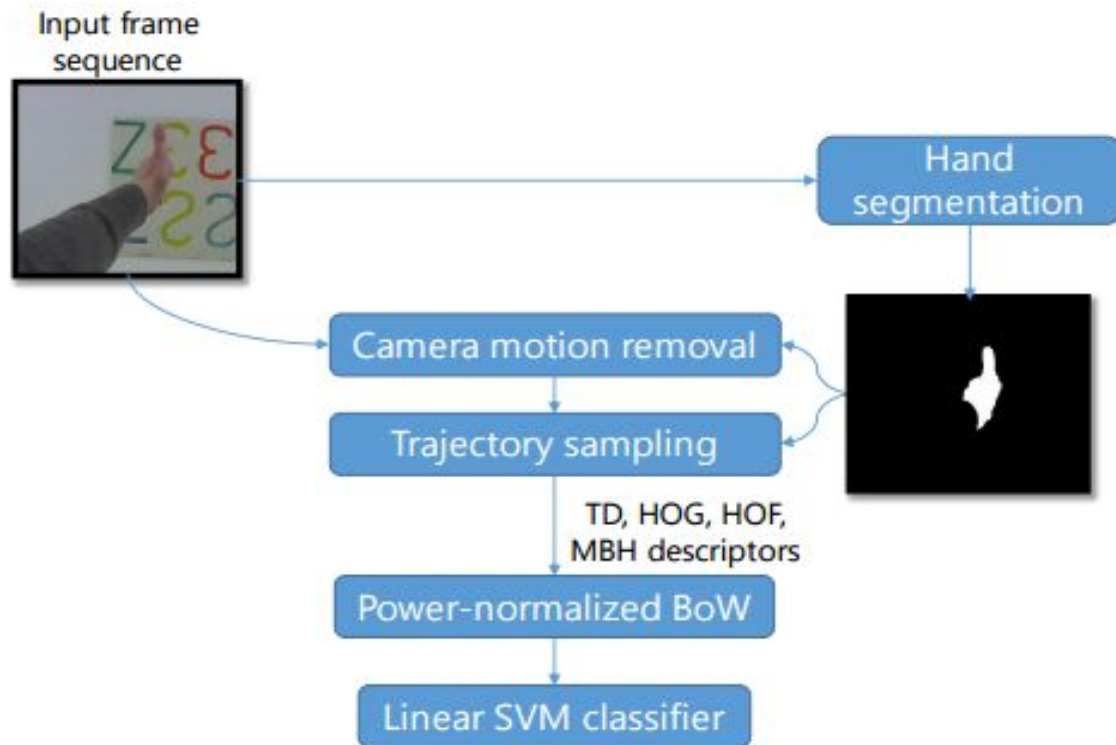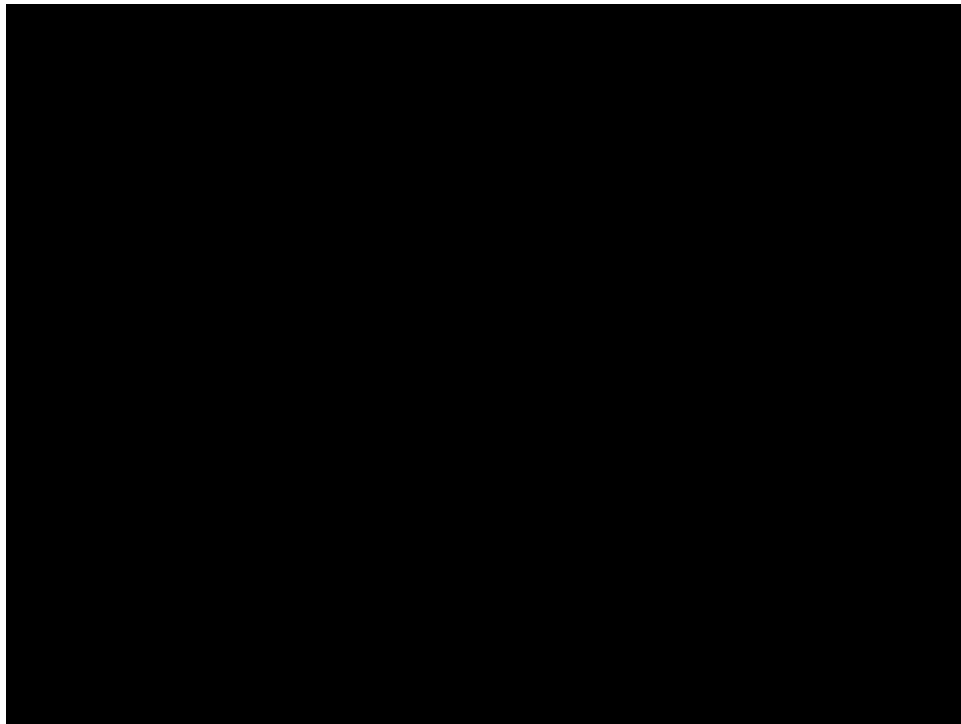
(a) *Dislike* gesture

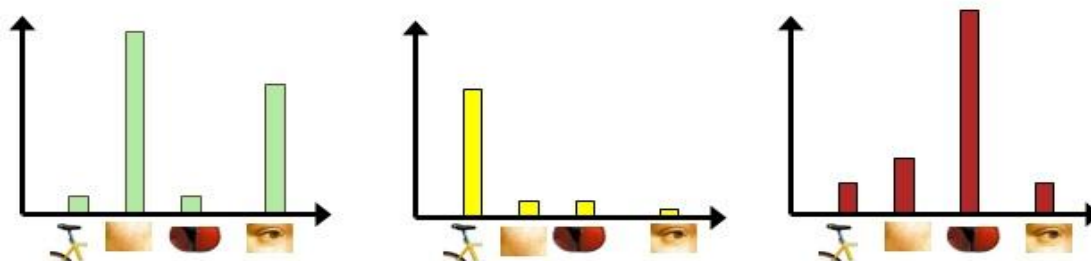(b) *Point* gesture

Gestures

Pipeline

Hand-Segmented Gestures

Codebook and BOW

SVM Classifier

We trained it using linear multi-class SVM.

Results

No. of Gestures	With Segmentation	Without Segmentation
2	94.3	90.1
3	87.2	84.2
4	82.1	78.1

Thank you...