Detection of Generic Human Actions From a Single Example
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1 Motivation and Goal
Generic problem: Detect/ localize actions of interest within videos
Develop a non-parametric action detection framework that works with a single query (i.e. one example)

2 System Overview

3 Calculation of Local Descriptors

4 Extraction of Salient Features

5 Matrix Cosine Similarity

6 Significance tests (1) denoise test (TV) , (2) test on how many actions, i.e. nonmaxima suppression

7 Action Detection Results

8 Action Recognition Results

9 References