
Human Activity Recognition with HMMs

William Jow

2nd year undergraduate
williamjow@berkeley.edu

David Lin

3rd year undergraduate
lin.david@berkeley.edu

Owen Jow

4th year undergraduate
owenjow@berkeley.edu

Abstract

1 Introduction

[1]

2 Methods

3 Experiments

4 Results

for ref: Table 1

Table 1: GMM 25 + 25

Activity	boxing	handclapping	handwaving	jogging	running	walking
Train %	-1	-1	-1	-1	-1	-1
Test %	61%	47%	60%	33%	70%	80%
Random %	17%	17%	17%	17%	17%	17%

5 Discussion

6 Conclusion

References

- [1] M. H. Kolekar and D. P. Dash. Hidden markov model based human activity recognition using shape and optical flow based features. In *2016 IEEE Region 10 Conference (TENCON)*, pages 393–397, Nov 2016.