

Motion Vector Histogram:

Generate same output by using:

1. Cutting the video in 10 sec
2. Frame rate dropped to 5
3. Scale is $\frac{1}{4}$ of the original
4. Stored in output.mp4
5. Gaming video used

```
ffmpeg -i .\gaming.mp4 -ss 00:00:03 -t 00:00:13 -framerate 5 -vf scale=iw*0.25:-1 output.mp4
```

Matla Code:

Uses motionEst4SS

Saturates at 7 pixel width

Two Excel files consisting of the mv_data