r06946003 湯忠憲

Computation in Data Science - Background Removal

Try to analysis in better resolution.:

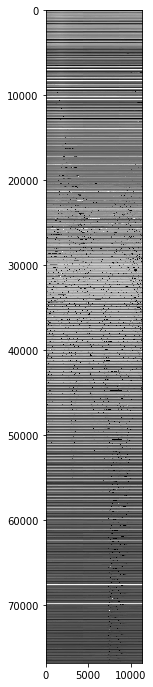
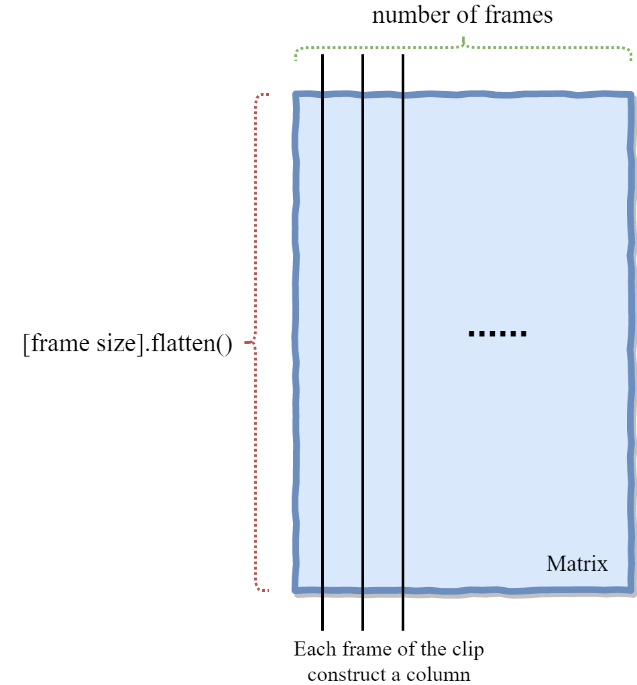
Here I try 75% scaling and original resolution (320 \* 240 for every frame size) on two videos, respectively.

● Report should contain following information:

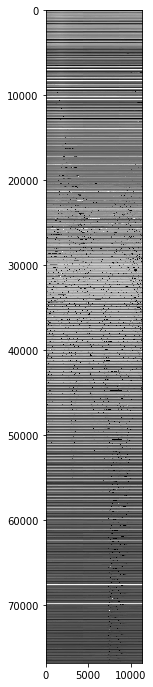
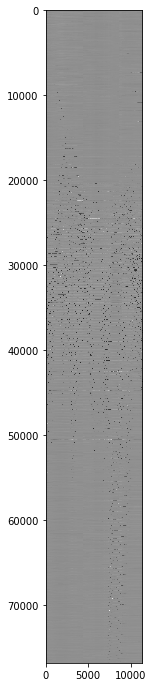
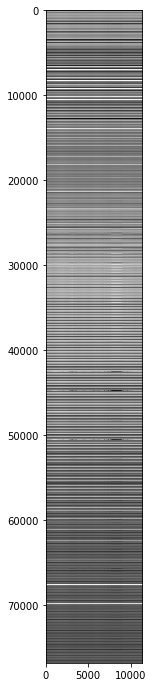
○ Select two videos to analyze, please specify which videos you used.

I select Video\_008 (“Traffic during windy day”) and Video\_003 (“Wandering students”) form Background Models Challenge[[1]](#footnote-1).

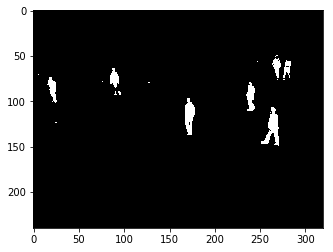
○ Plot matrices



○ Background subtraction comparison

○ Try to analysis performance



Video\_003: average dice Coefficient= 0.869

○ How to improve performance

○ Summary

● Hand in the video

1. http://bmc.iut-auvergne.com/?page\_id=24 [↑](#footnote-ref-1)