The DROZY database contains video signals of the subjects during the experiment

The video is however, not uniform and is more or less of length 10 minutes with a framerate of 30 frames/ second.

Hence, the raw video is broken into small videos of 10 second duration, thereby making 60 videos.

The video is of the MP4 format.

Apply the command RGB2GRAY and convert the frame into 2D grayscale image.

Now, that the video duration is small, we apply the Viola Jones algorithm to detect the face from the video.

Upon detecting the face and eyes in the 10 second video, we determine if the subject is drowsy or alert

The video does not contain any audio content.