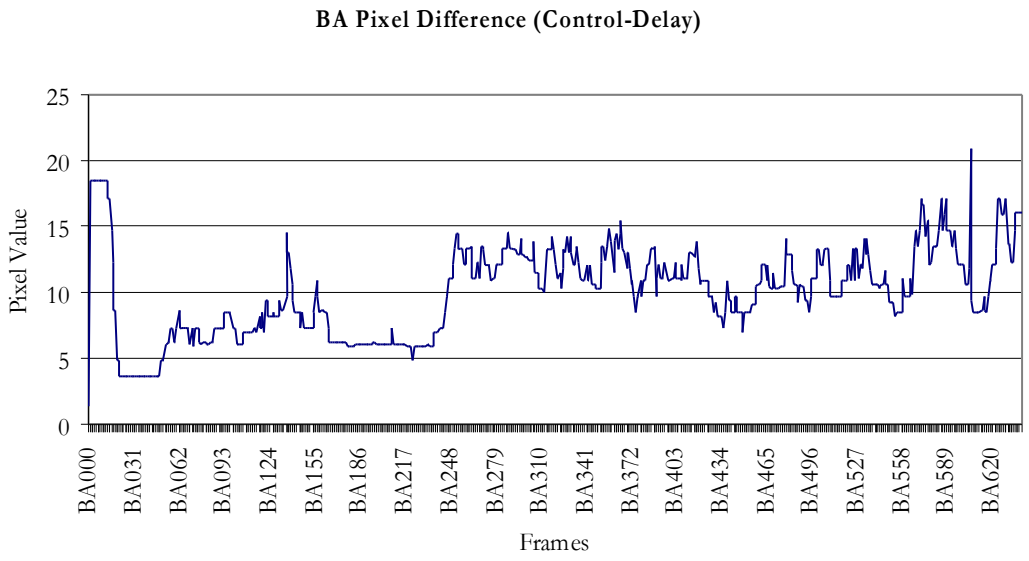
Appendix G

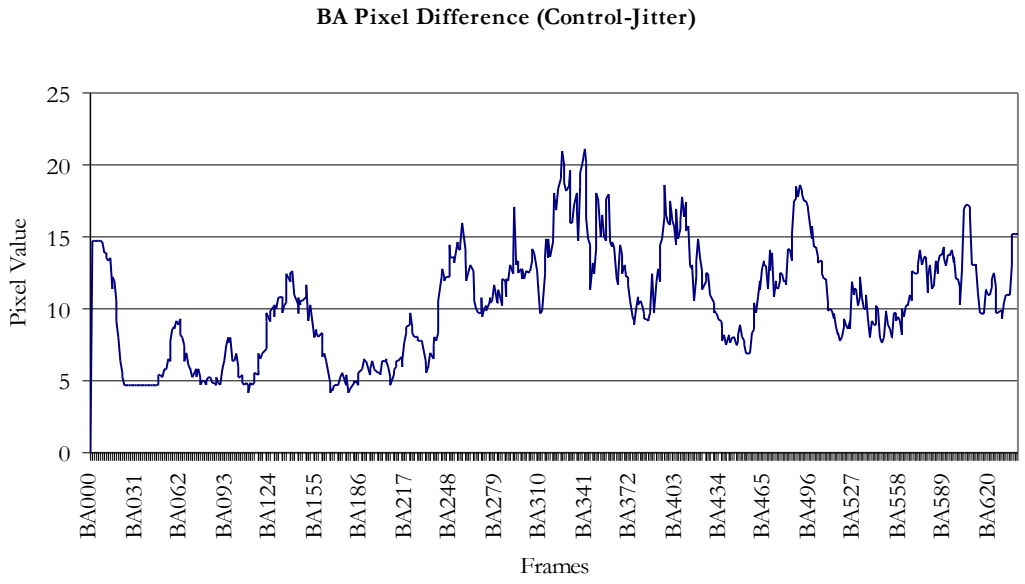
Fixation Map Pixel Distributions

The value of pixels was used in our work to represent information concerning the distribution of participant fixations across a video frame. As pixels have a red, green and blue value that lies between 0 (black) and 255 (white), a change in the distribution of pixel values represents a change in the colour used in the video frame. A change over time can be observed by considering the variation in the average pixel value for each video frame. The following analysis shows the average pixel values and pixel standard deviation concerning the difference between control and delay / jitter fixation maps (a pixel value moving away from zero, suggests an increasing difference).

BA:

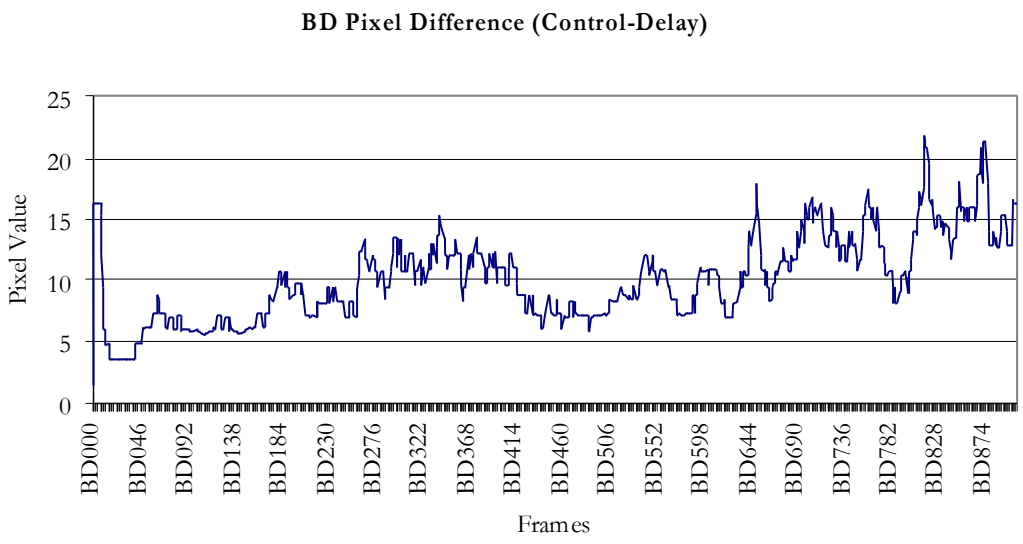


BA: The average difference between control and delay / jitter fixation maps (in pixel value)

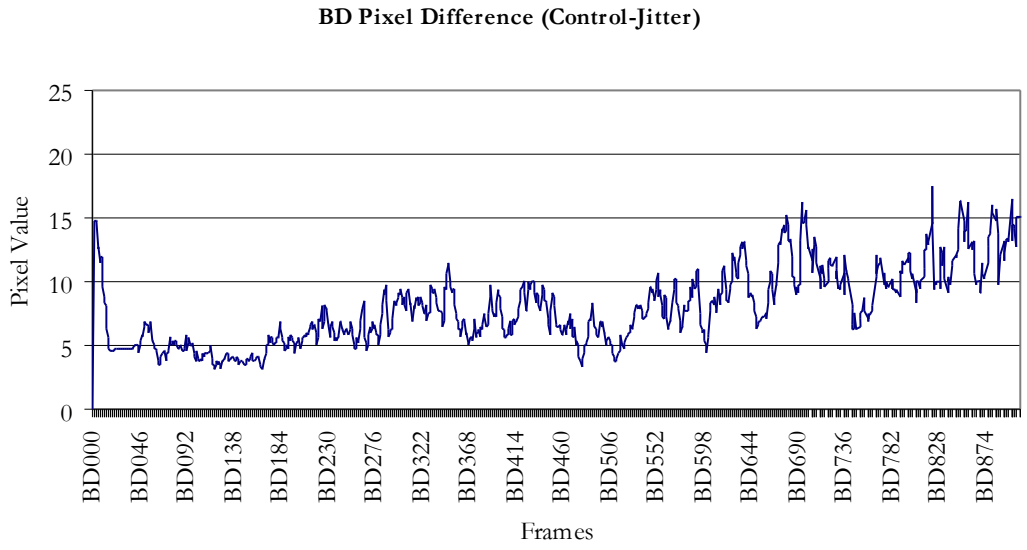


BA: The standard deviation between control and delay / jitter fixation maps (in pixel value)

BD:

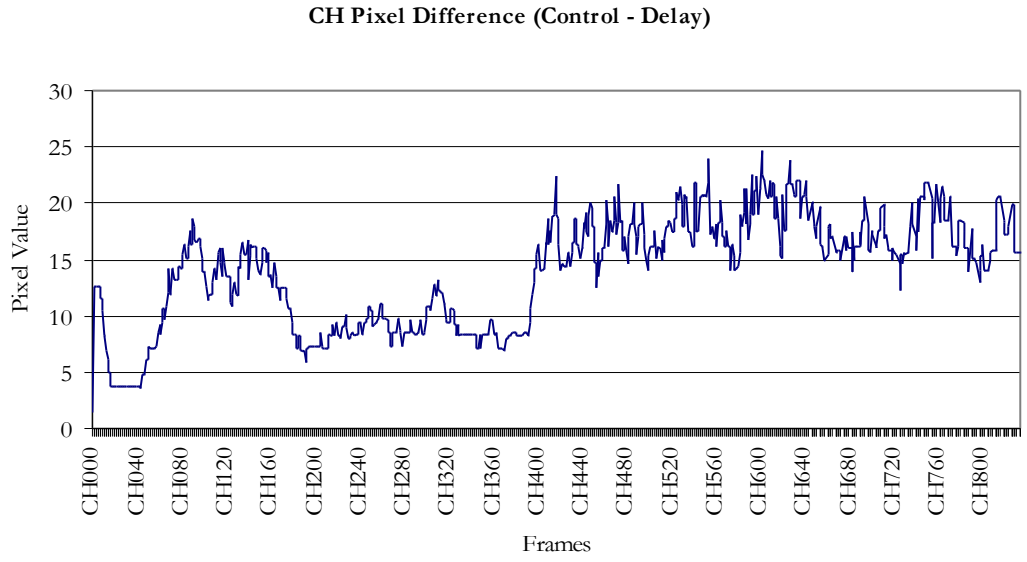


BD: The average difference between control and delay / jitter fixation maps (in pixel value)

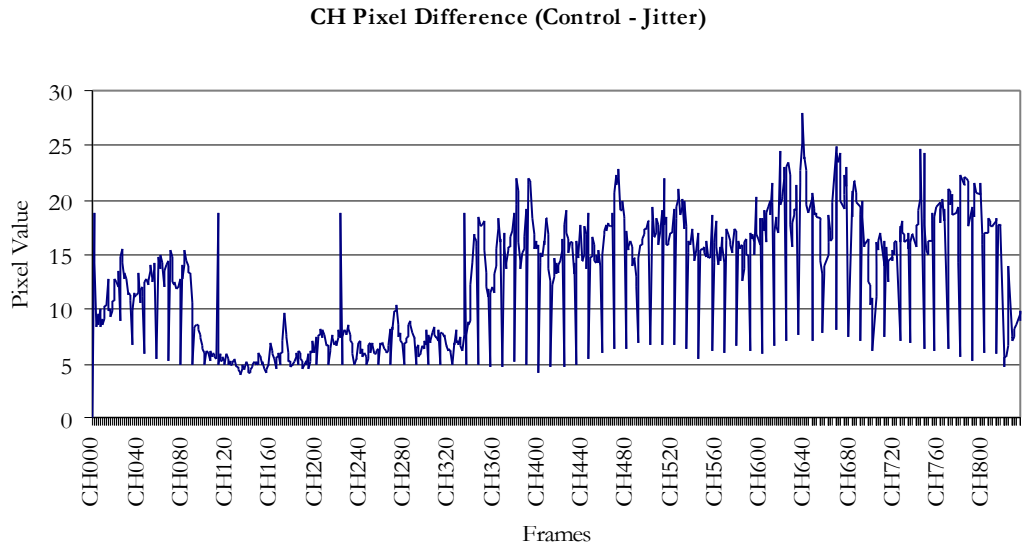


BD: The standard deviation between control and delay / jitter fixation maps (in pixel value)

CH:

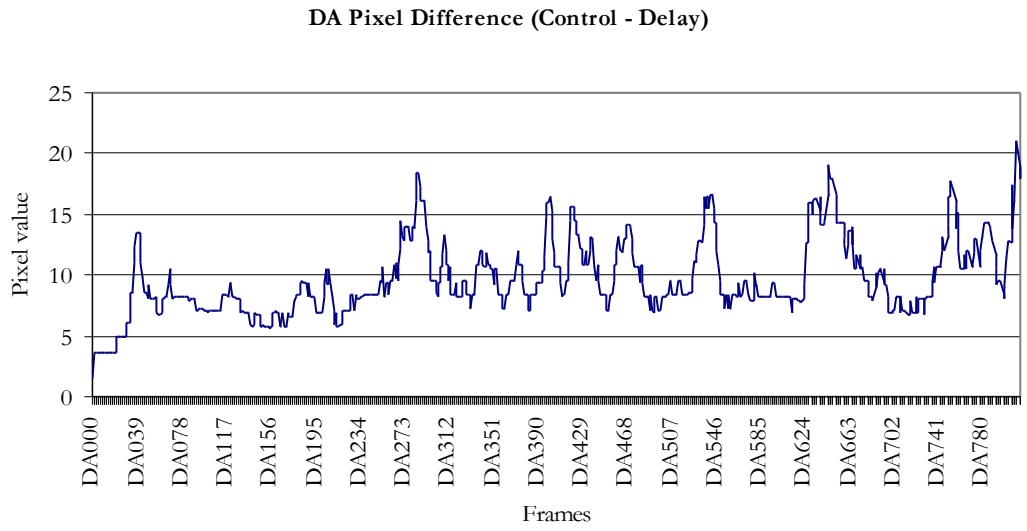


CH: The average difference between control and delay / jitter fixation maps (in pixel value)

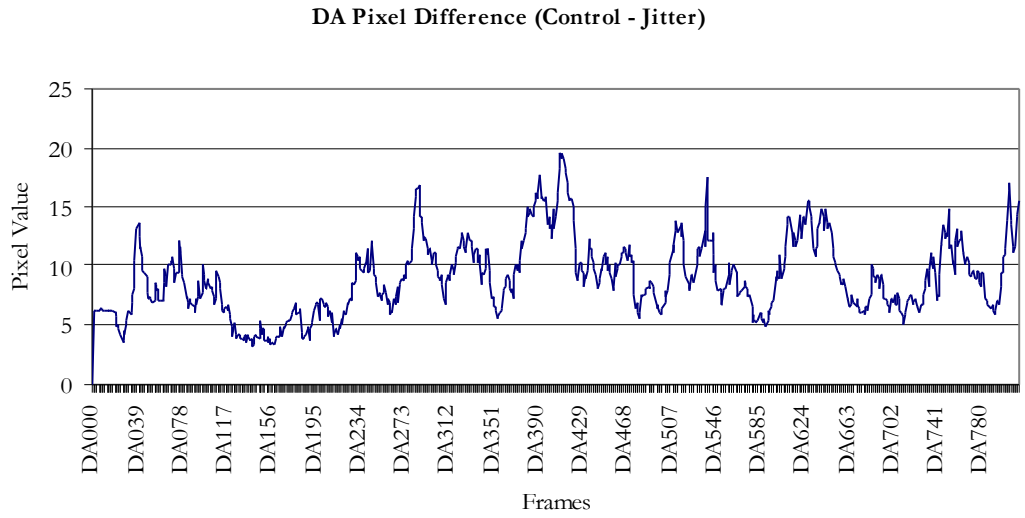


CH: The standard deviation between control and delay / jitter fixation maps (in pixel value)

DA:

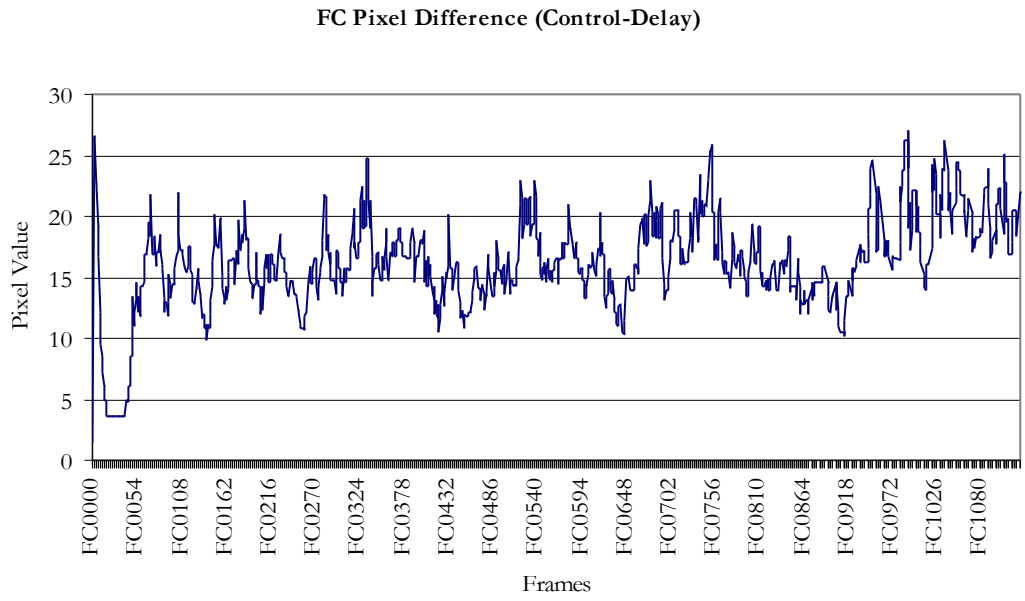


DA: The average difference between control and delay / jitter fixation maps (in pixel value)

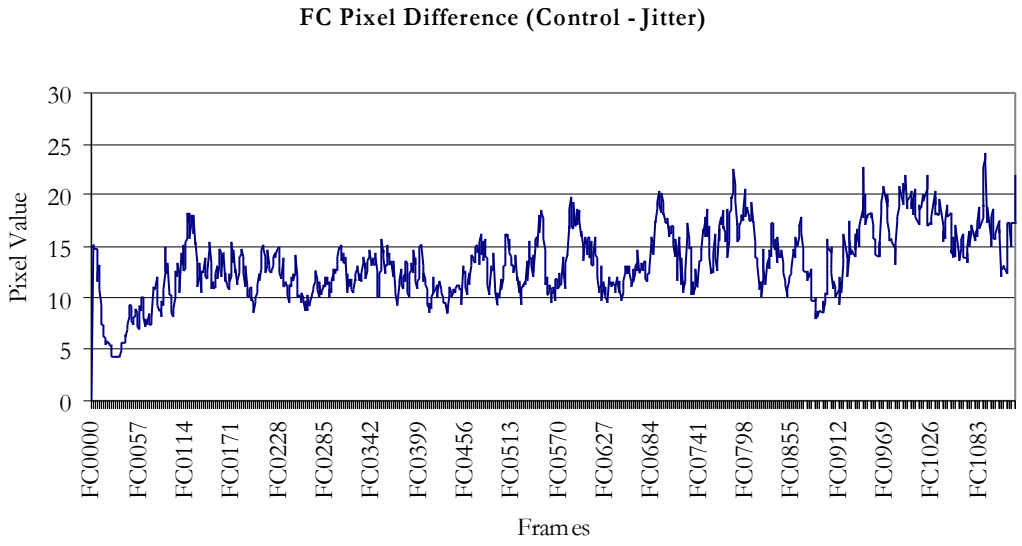


DA: The standard deviation between control and delay / jitter fixation maps (in pixel value)

FC:

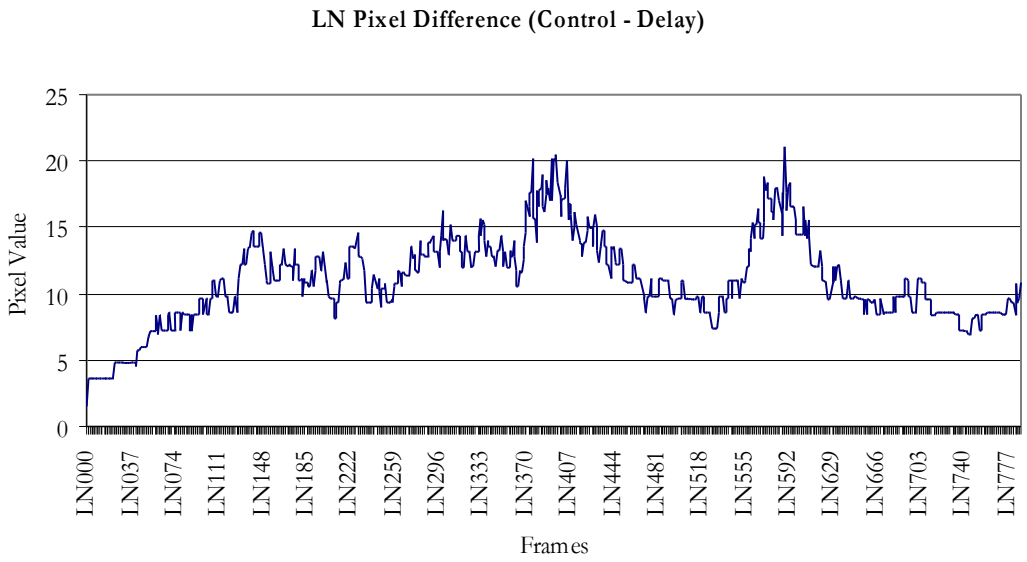


FC: The average difference between control and delay / jitter fixation maps (in pixel value)

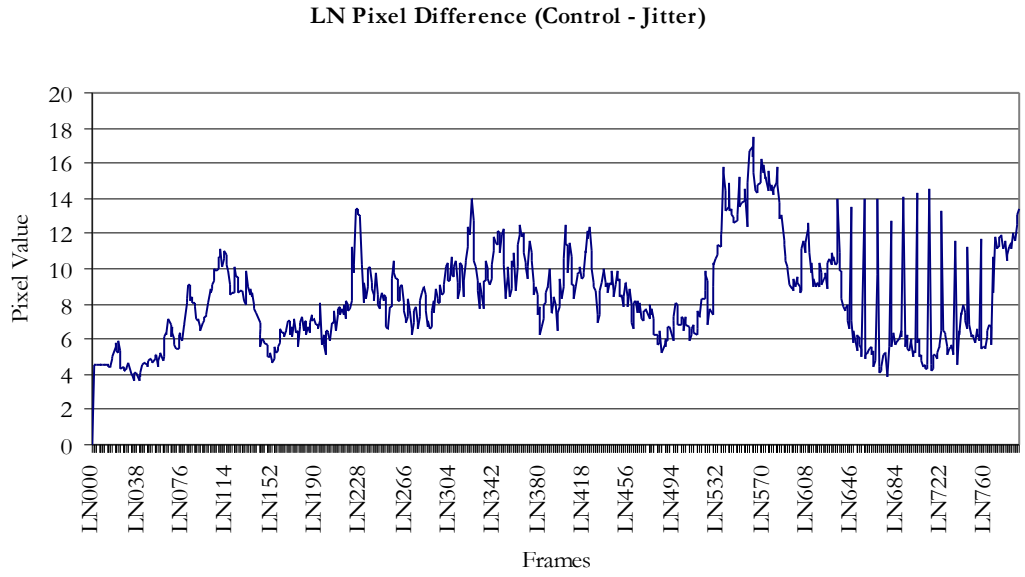


FC: The standard deviation between control and delay / jitter fixation maps (in pixel value)

LN:

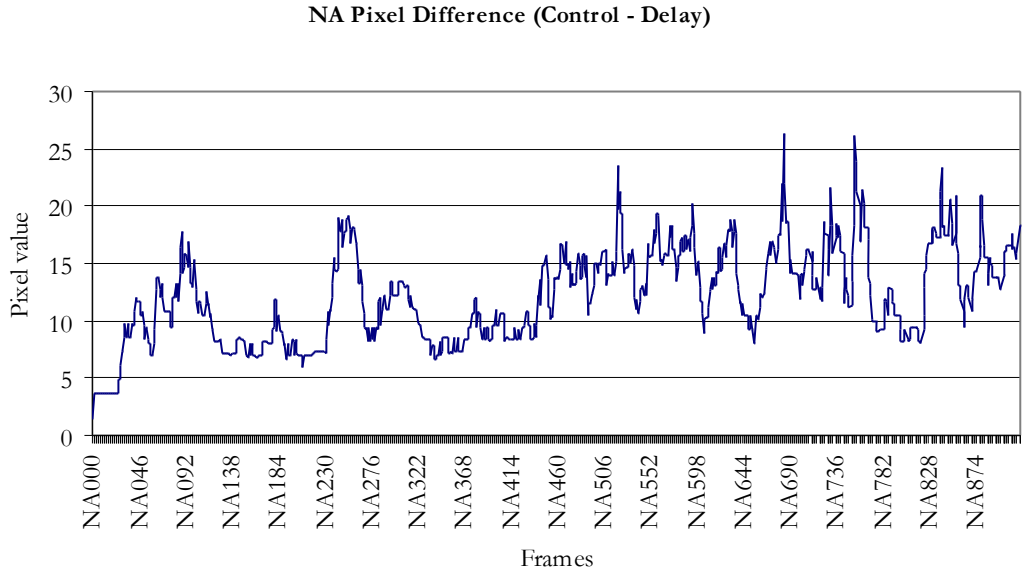


LN: The average difference between control and delay / jitter fixation maps (in pixel value)

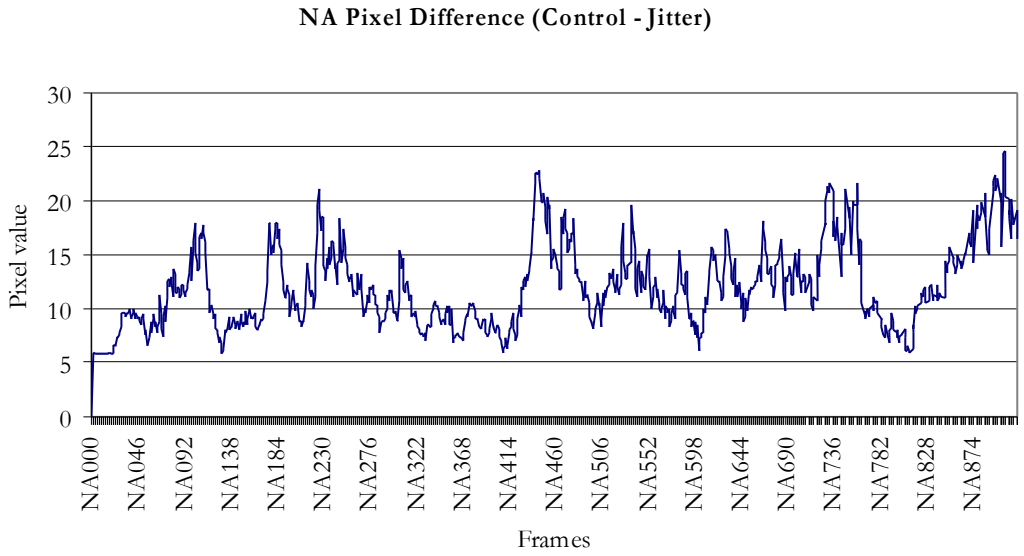


LN: The standard deviation between control and delay / jitter fixation maps (in pixel value)

NA:

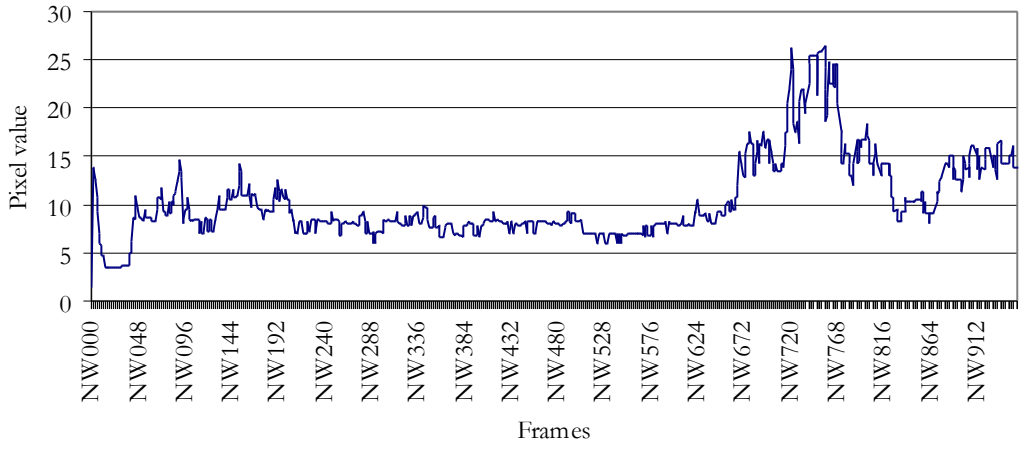


NA: The average difference between control and delay / jitter fixation maps (in pixel value)

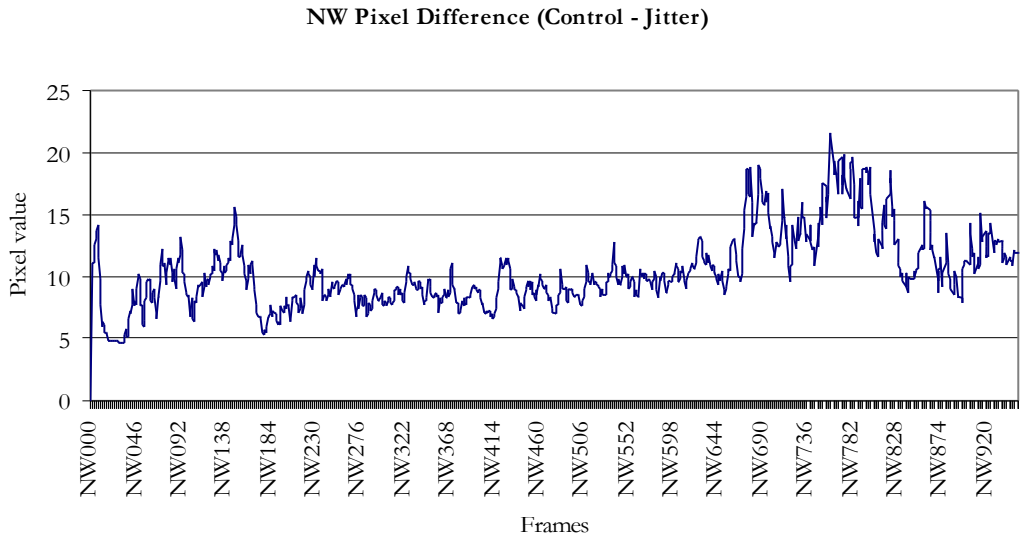


NA: The standard deviation between control and delay / jitter fixation maps (in pixel value)

NW:

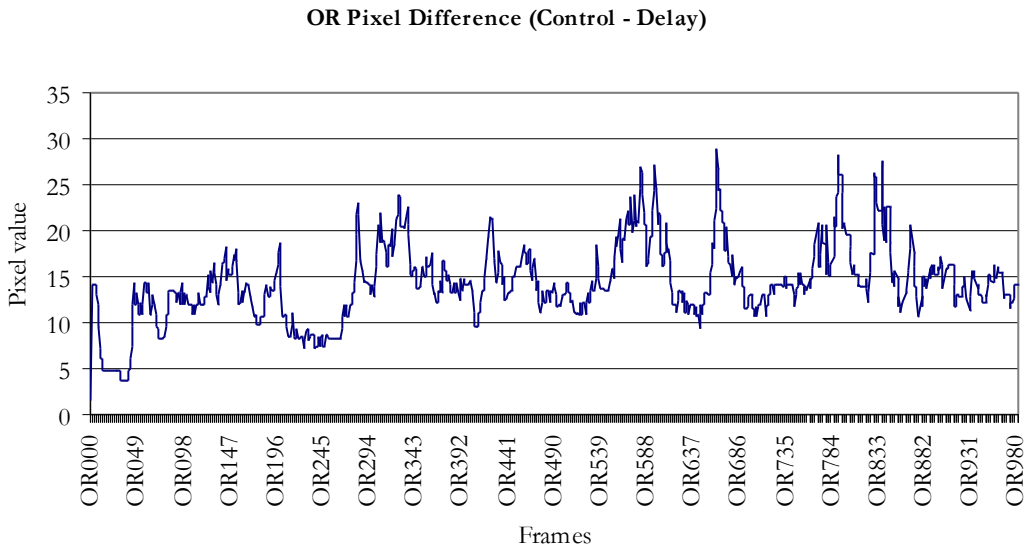


NW: The average difference between control and delay / jitter fixation maps (in pixel value)

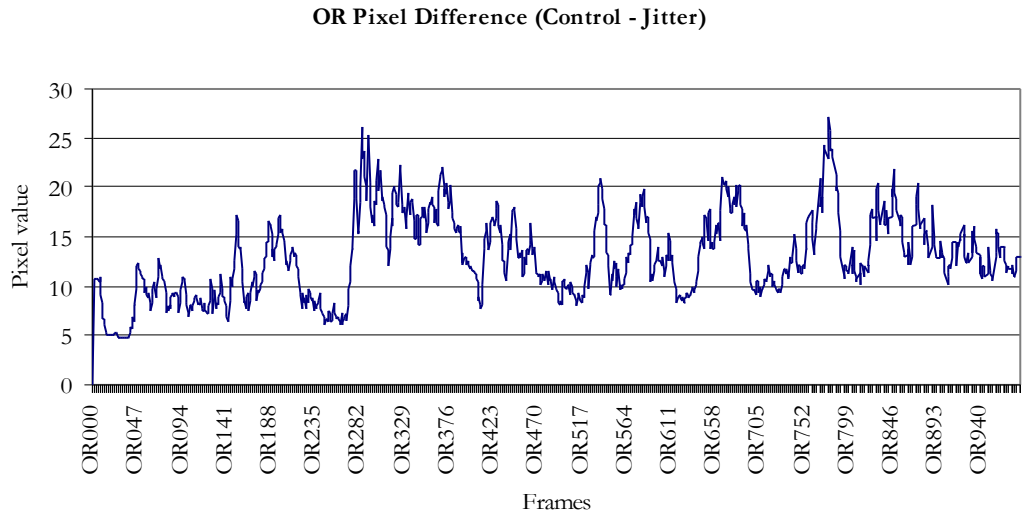


NW: The standard deviation between control and delay / jitter fixation maps (in pixel value)

OR:

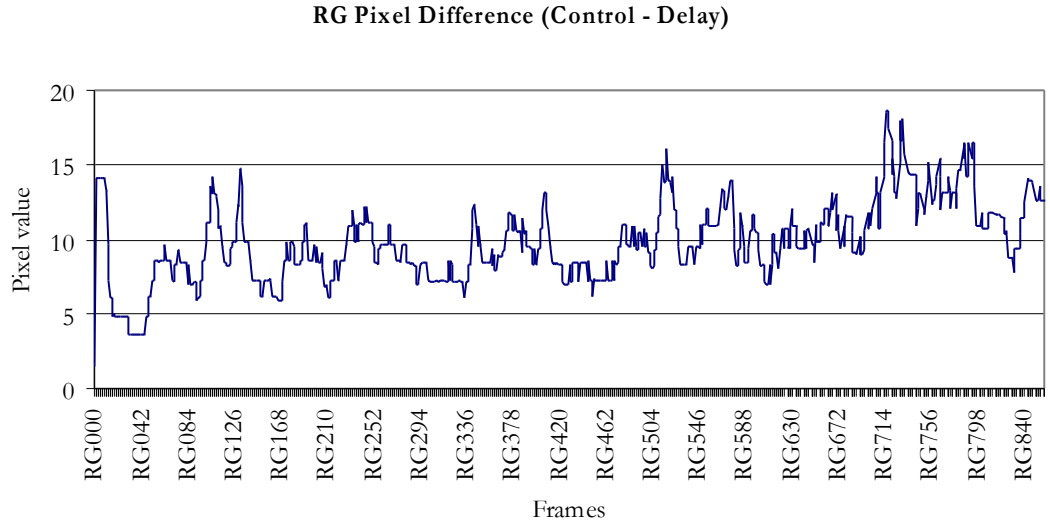


OR: The average difference between control and delay / jitter fixation maps (in pixel value)

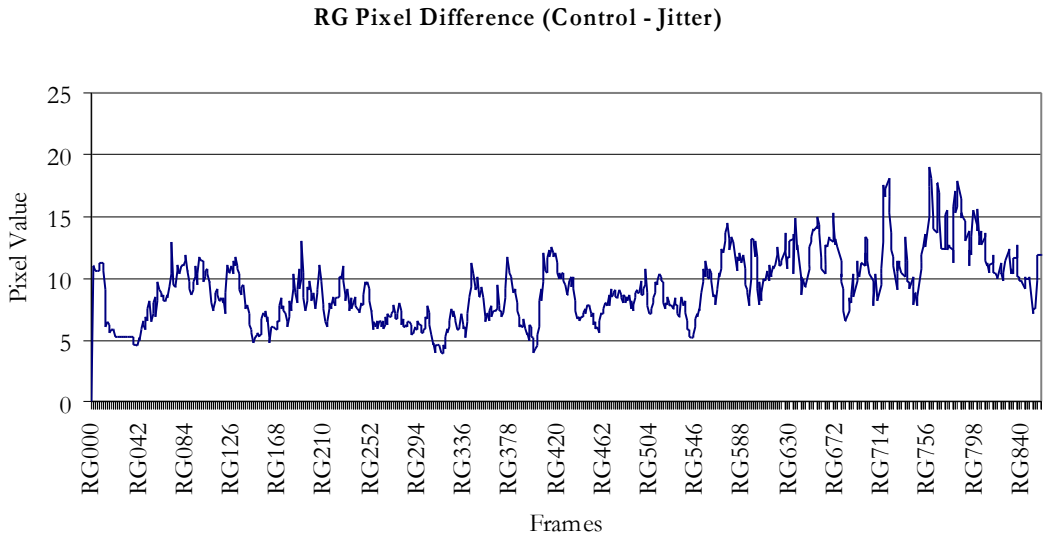


OR: The standard deviation between control and delay / jitter fixation maps (in pixel value)

RG:

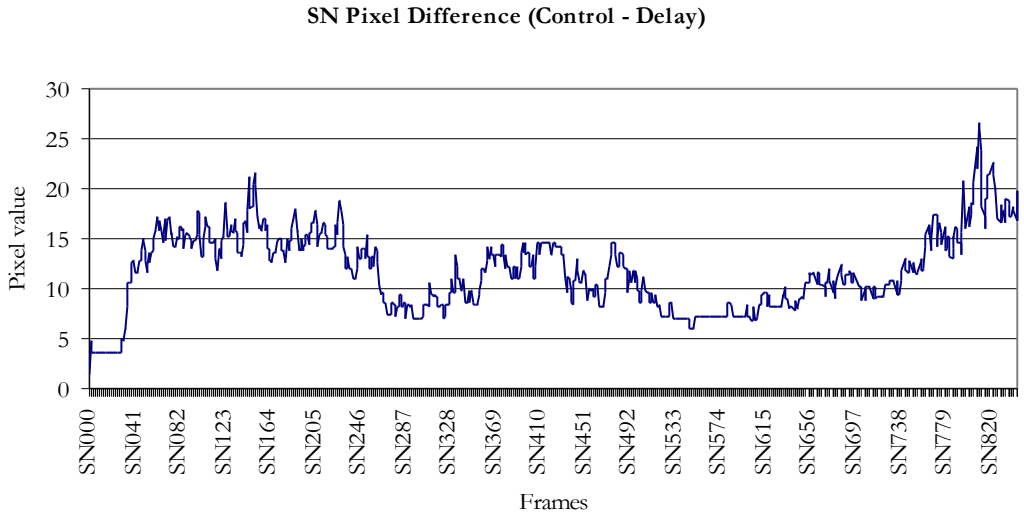


RG: The average difference between control and delay / jitter fixation maps (in pixel value)

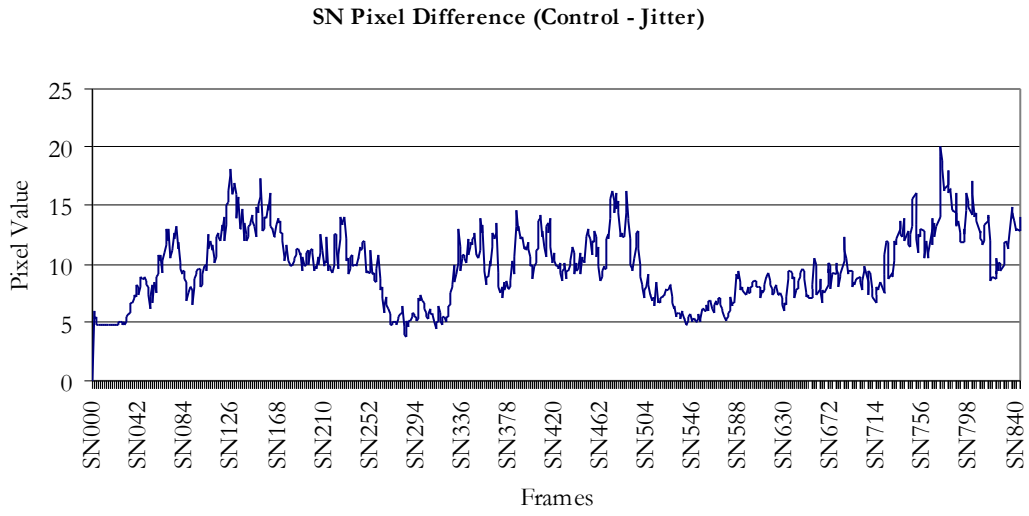


RG: The standard deviation between control and delay / jitter fixation maps (in pixel value)

SN:

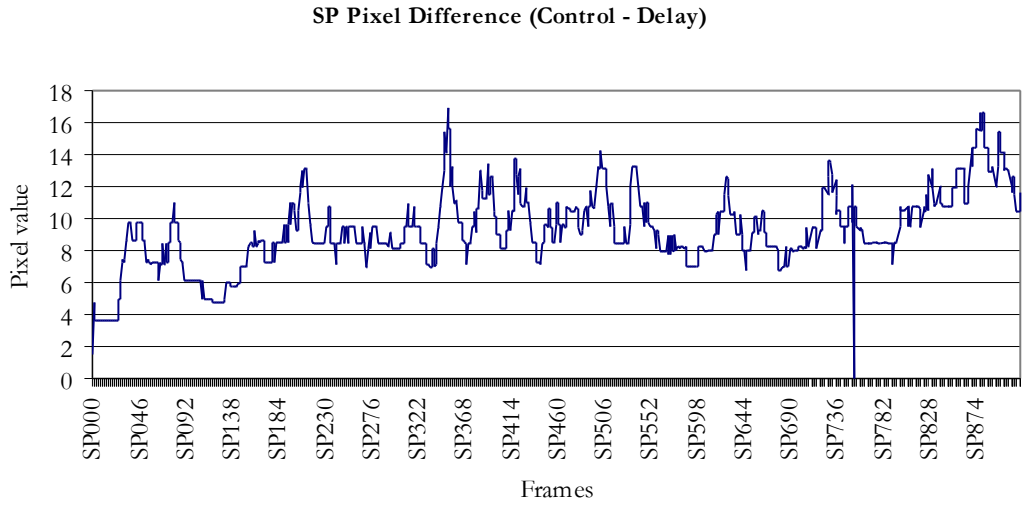


SN: The average difference between control and delay / jitter fixation maps (in pixel value)

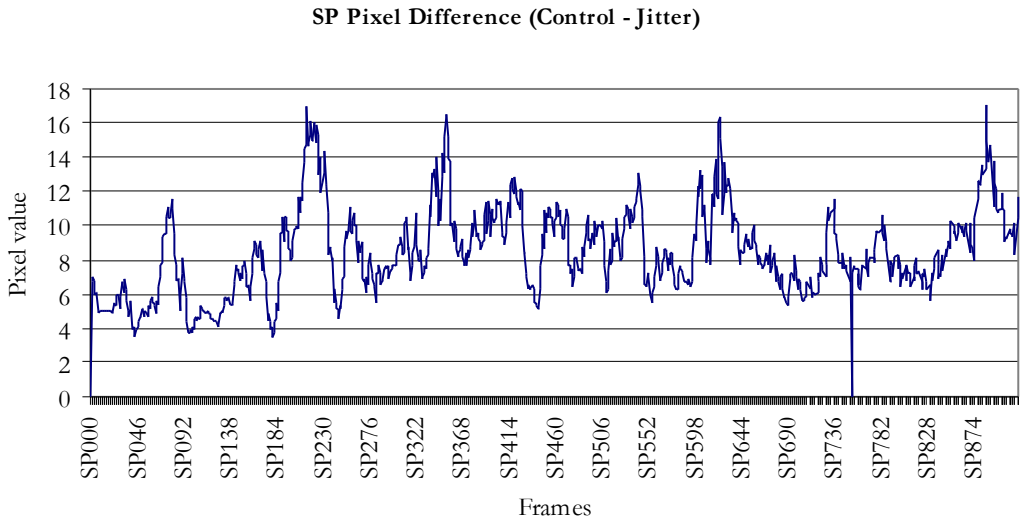


SN: The standard deviation between control and delay / jitter fixation maps (in pixel value)

SP:



SP: The average difference between control and delay / jitter fixation maps (in pixel value)



SP: The standard deviation between control and delay / jitter fixation maps (in pixel value)