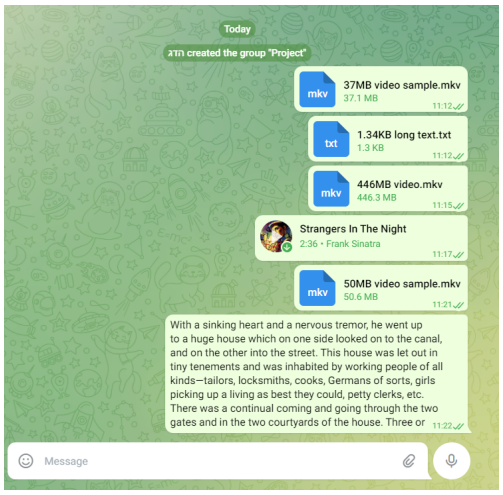
Results:

recording_1:



Sent:

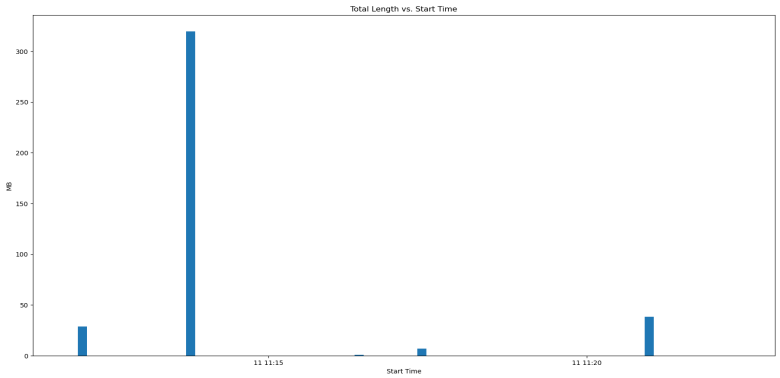
37MB video

134KB text file

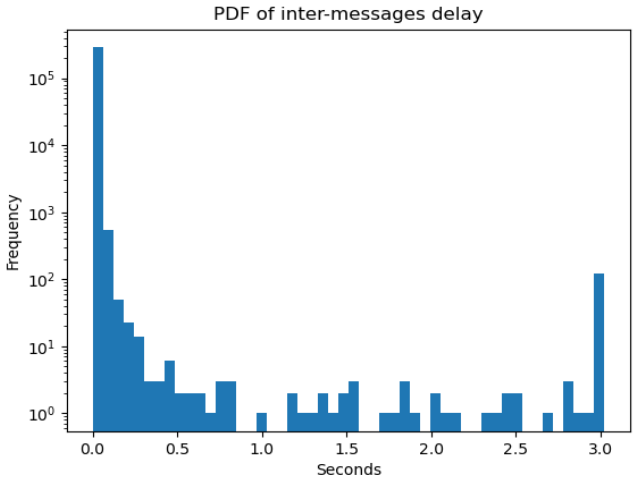
446MB video

song

50MB video

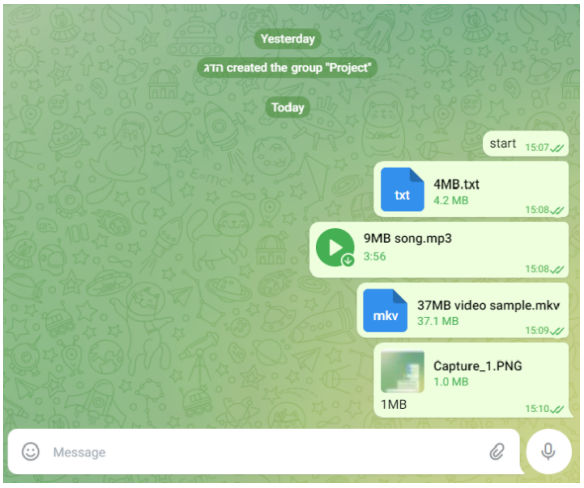


- The first column of the video is 37MB
- The second and largest column is the 446MB video
- the third and smallest column is almost unnoticeable is background noise from another group
- The fourth column is the song
- The fifth column is the 50MB video
- We do not see the 1.34KB text file and the text because it is much smaller compared to the others.



We will look at every 2 consecutive packets, one after the other, and check the time that passed between the receipt of the first packet and the receipt of the second packet.
The graph is a histogram of these times. That is, how many pairs of consecutive packets there are at different times. Almost 0 seconds, 3 seconds..
It can be seen that there is an exponential decrease when as time increases.
At time almost 0 there are the most pairs of consecutive packets.

recording_2:



Sent:

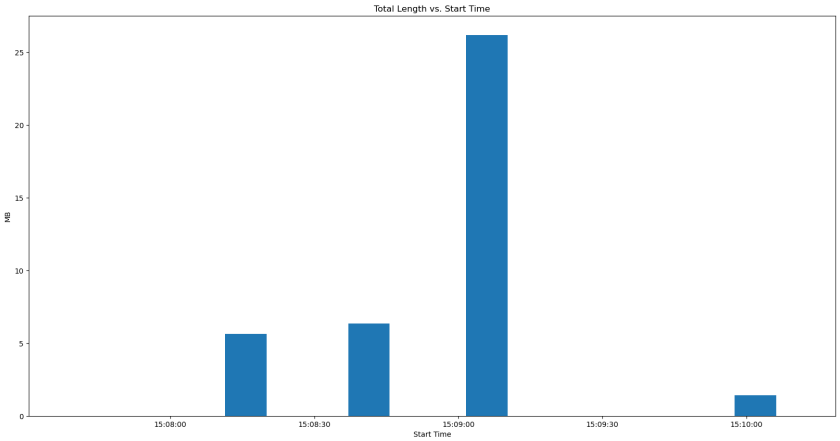
text

4MB text file

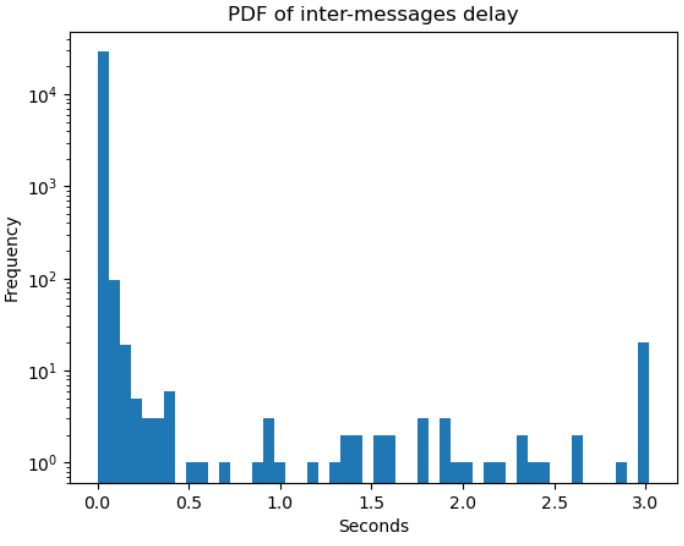
9MB song

37MB video

1MB photo

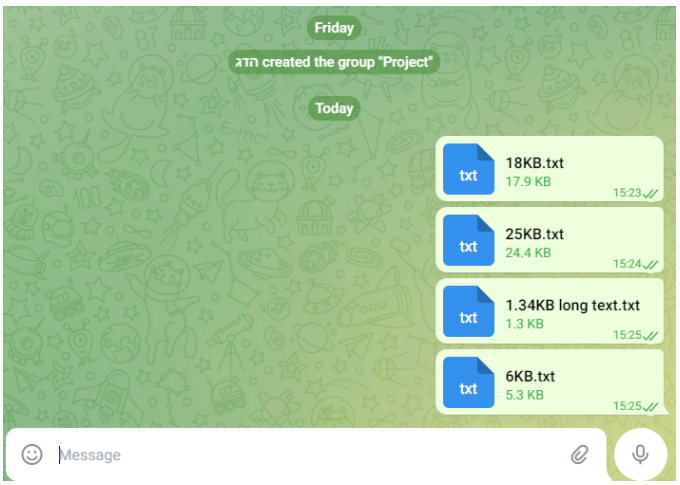


- The first column is a text file
- The second column is the song
- The third column is the video
- The fourth column is the picture
- We do not see the text sent at the beginning because it is much smaller compared to the others.



Explanation is the same as recording_1, it can be seen that there is an exponential decrease when the time increases.
At time almost 0 there are the most pairs of consecutive packets.

recording_3:



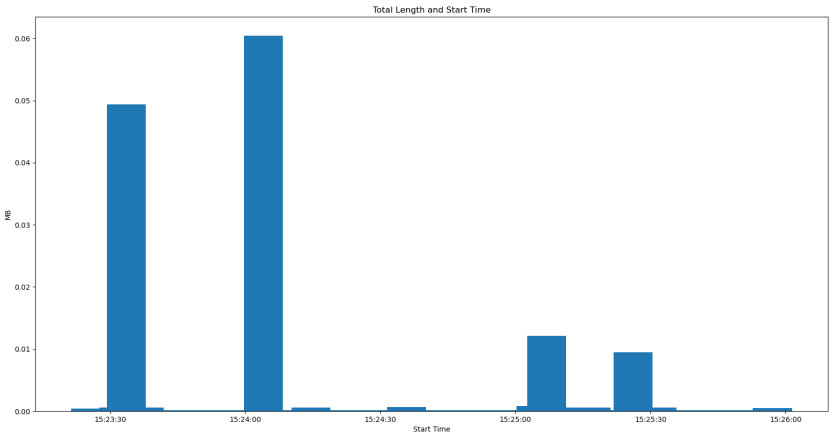
Sent:

18KB text file

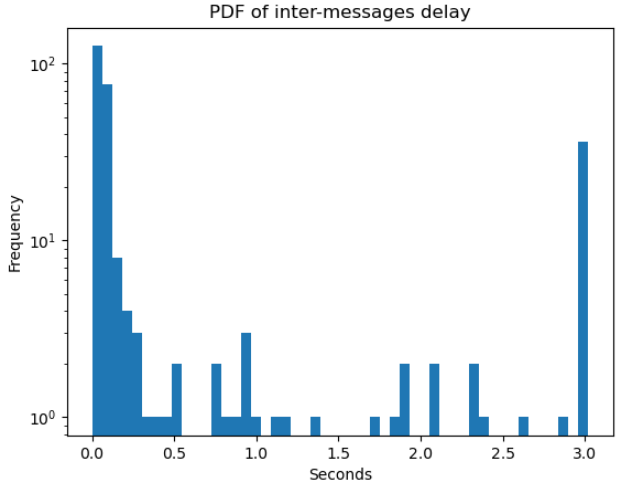
25KB text file

1.34KB text file

6KB text file

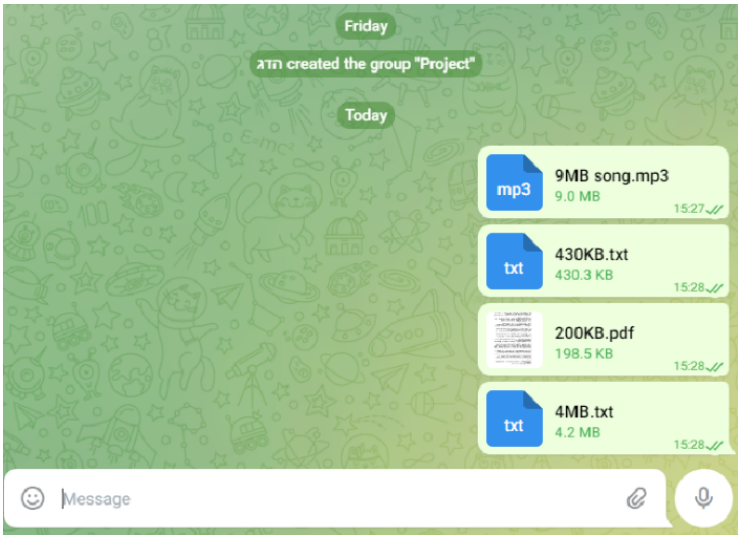


- The first column is a text file
- Second column is a text file
- The 1.34KB text file and the 6KB in small columns is almost unnoticeable because they are very small.
- It can be seen that the size is not exactly preserved because the packet contains additional information and sometimes also compresses data.
- We are actually looking more for the correlation
- The other columns that appear are background noises from another group.



Explanation is the same as recording_1 and recording_2, it can be seen that there is an exponential decrease when the time increases. At time almost 0 there are the most pairs of consecutive packets.

recording_4:



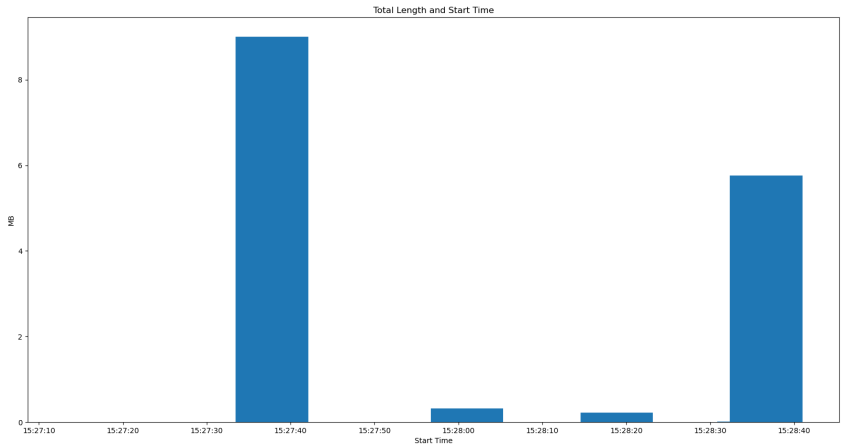
Sent:

9MB song

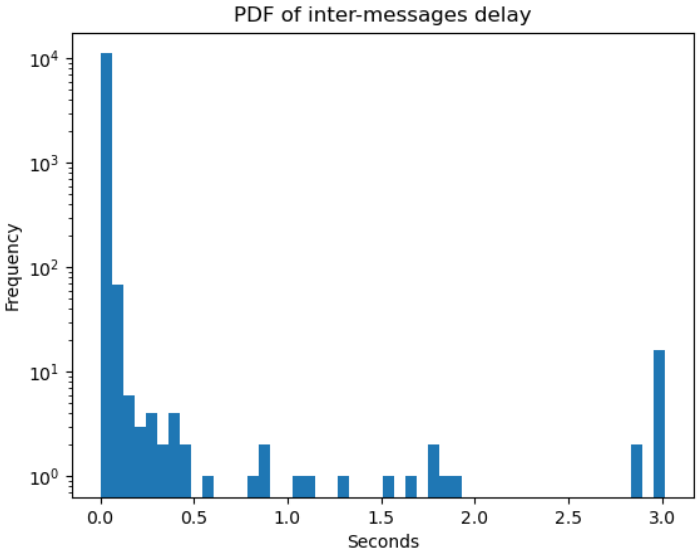
430KB text file

200KB PDF file

4MB text file



- The first column is the song 9MB
- The second column is the text file 430KB
- The third column is the DPF file 200KB
- The fourth column is the text file 4MB



Explanation is the same as recording_1 and recording_2 and recording_3, it can be seen that there is an exponential decrease when the time increases.
At time almost 0 there are the most pairs of consecutive packets.