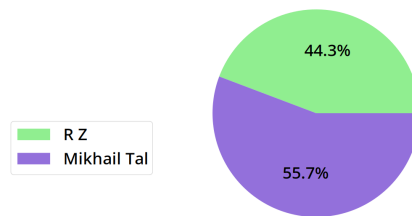


Chat statistics

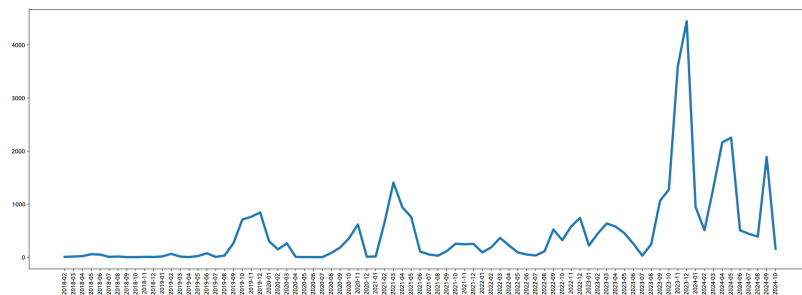
October 6, 2024

This document contains some statistics on chat between R Z and Mikhail Tal. The chat was held from 2018-02-24 to 2024-10-03. Filtered data contains 36867 messages.

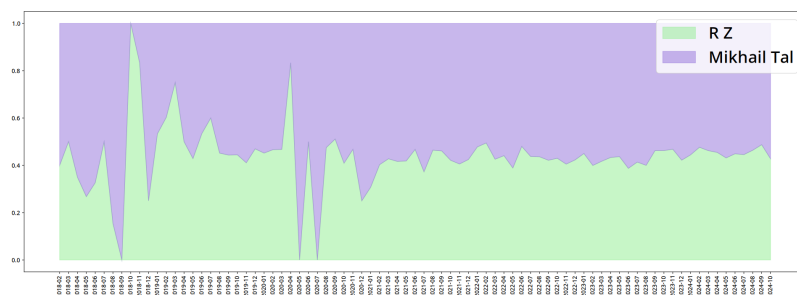
The first graph shows relative number of messages sent by each chat participant.



Here is another graph. It shows number of messages sent by each chat participant per month.



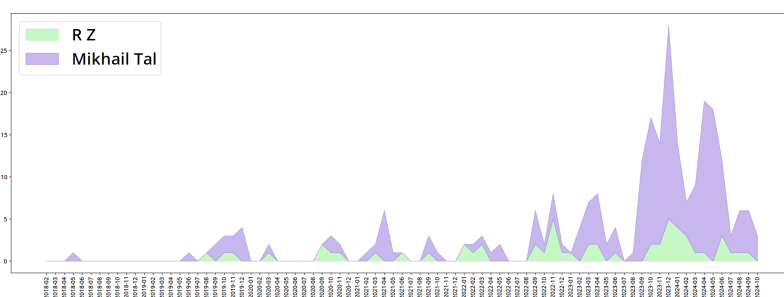
The graph below shows percentages of messages sent by each chat participant per month.



Another statistics about participants is an average number of words per message. Here are the results:

- R Z: 6.89
- Mikhail Tal: 6.84

If one participant helps another with something, in most cases it implies gratitude. So it's interesting to see how often that happens. We use the following keywords to define gratitude: "thank", "thx", "cnc", "спасибо". If any of that found in a message we assume that the message is an expression of gratitude.



The graph below shows number of conversations per month. We define sequence of messages a conversation if the following conditions are met:

- Contains more than 3 messages
- The distance between two messages is less than 20 minutes

