

Question IV.

3. Report (in report.pdf): (a) the most toxic language, (b) the page with the more/highest rate of toxic posts, (c) the page where toxicity is uniform over time, (d) the page where toxicity increases over time.

- a. We use average as the metric to calculate the most toxic language. The most toxic language in our dataset is the greeklish with $\text{mean_toxicity} = 1.80$ compared with 1.44 for english and 1.39 for greek.
- b. Again we use average as a metric calculate the most toxic post. We find the most toxic to be the post 3: <https://www.youtube.com/watch?v=x7MSXPRB4hE>
- c. The page that is uniform over time seems to be post 1:
https://www.youtube.com/watch?v=pxOwSYgRPPU&ab_channel=SKAI.gr meaning that it has high in toxicity comment during the whole time. The video contains two people that are controversial in greece the whole time that the video in there.
- d. The post that toxicity is increasing over time is:
<https://www.youtube.com/watch?v=Gy11gPAD8nQ>, the person appears in the video is Adonis Georgiadis, which is controversial character, but last year he was in the public light for controversial topics.