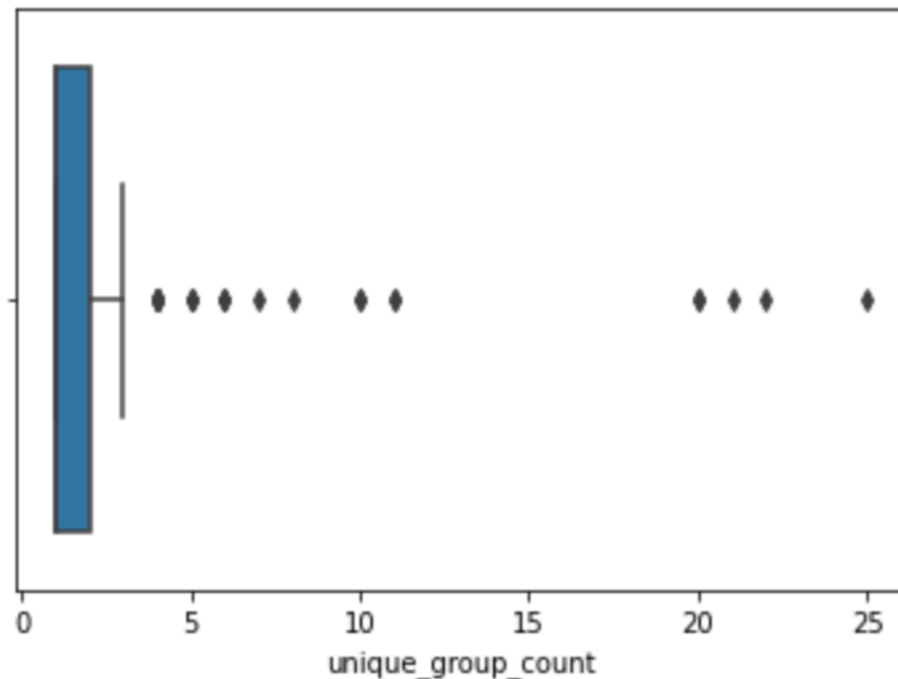


## Atypical Online Coincidental Study on Kao Chia-Yu (高嘉瑜) Assault Case

The Kao Chia-Yu assault case (the case) continues to snowball on mainstream media. Number of PTT accounts (the suspicious accounts), including AirJordan, CrazyWinnie, booksil, berleolion, etc., are continuously accused by media of being act as cyber army to shift public opinion in this case.

Right before the case outbreak, Taiwan AI Labs published an open-source algorithm [1] on Nov 18<sup>th</sup> 2021 to explore atypical online coincidental behavior based on PTT. The research team executed the same algorithm against the discussion related to Kao Chia-Yu and the is uploaded to GitHub. In this case study, the collaborative behaviors threshold is set with Phi coefficient to be greater than .2 (a collaborative behavior indicator calculating the in-post responses and repost among accounts). According to the result, the suspicious accounts being accused by media are not listed in the accounts with atypical online coincidental behaviors.

At the same time, 5 group of accounts (figure 1) can be observed with the following topics promoting.



**Figure 1:** 5 group with more than 20 unique users participating in the Kao Chia-Yu assault case

