**Updated bad actors**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Clusters | Total | #Bad actors previously | #bad actors now | % bad actors |
| Cluster0 | 4886 | 193 | 220 | 4.5% |
| Cluster1 | 770 | 0 | 1 | 0.13% |
| Cluster2 | 3002 | 244 | 2992 | 99.66% |
| Cluster3 | 597 | 7 | 8 | 1.34% |

We found 2,777 bad actor retweeters via Vico's feed users.

Among them:

* 7 were found in Cluster0
* 1 was found in Cluster1
* 2748 were found in Cluster2
* 1 was found in Cluster3

Regarding crowdturfers (total 27 crowdturfers):

* 26 were found in Cluster0 - include regular users who post their own posts, but several of them are retweets to customers.
* 1 was found in Cluster3 (bot, but more complicated - screen name: nahidbinteyanis)