



Week 2023/12/30 ~ 2024/01/06

2024 Taiwan Presidential Election Information Manipulation AI Observation Report



Quantity of analyzed data

| Events | Media Volume | (PRC) State-affiliated Media (%) | Troll Accounts | Community Volume | Troll Volume (%) |
|--------|--------------|----------------------------------|----------------|------------------|------------------|
| 1,271 | 9,357 | 606 (6.48%) | 3,495 | 2,232,393 | 41,733 (1.87%) |

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Insights on Manipulation Strategies

This week, we detected a significant number of potentially AI-generated scandalous videos, which were disseminated with the assistance of troll groups. Their aim was tarnishing the image of specific candidates.

Chinese state-affiliated media outlets this week heavily focused on topics such as “Taiwan Strait crisis” and the “high-end vaccine scandal.” troll groups followed suit, amplifying discussions related to these issues in public opinion.

In this analysis, we observed the creation of likely fake Facebook pages that initially attract the general public with video content before shifting to sharing political topics to influence readers.

Some accounts simultaneously operated on domestic and international events, with discourse highly resembling Chinese state-affiliated media (similarity scores of 42.6% and 37.2%). They actively participated in the current presidential election through Facebook groups #61009 and #61019. This week, their activities were less focused on the Ko Wen-je fan page and were primarily centered around specific candidates and the incumbent president’s fan pages, with a discourse primarily aimed at attacking a particular political party.

In the National Defense Ministry’s national-level alert event, fake accounts systematically shared information within social groups to promote the government and the ruling party in the upcoming elections.

Techniques Used by Troll Groups

Regarding the DISARM framework¹ from NATO, the researcher found that troll group operations on Facebook, YouTube, PTT, and TikTok were divided into two phases: Prepare and Execute.

¹ DISARM Disinformation Analysis and Risk Management is an open-source framework designed to describe and understand the behavior parts of FIMI/disinformation. It sets out best practices for fighting disinformation through sharing data & analysis and can inform effective action. The Framework has been developed, drawing on global cybersecurity best practices. <https://www.disarm.foundation/>

Used Techniques:



- T0003 Leverage Existing Narratives
- T0023.001 Reframe Context
- T0049 Flooding the Information Space
- T0049.001 Trolls Amplify and Manipulate
- T0116 Comment or Reply on Content
- T0121 Manipulate Platform Algorithm

The execution phase of DISARM is more easily observable. This week, AI Labs noted on the YouTube platform that troll groups extensively repeat comments under media videos to guide discussion trends (T0049 Flooding the information space, T0023.001 Reframe context) or comment early to enhance video interaction and influence the algorithm (T0121 Manipulate platform algorithm). As a result, we have added these tactics to our observations on YouTube. Similar strategies were observed from last week with troll groups on Facebook and PTT also engagement in guiding discussion directions through comments (T0023.001 Reframe context), flooding discussion spaces with repetitive comments (T0049 Flooding the information space), and posting early to increase the likelihood of content being seen or algorithmically recommended (T0121 Manipulate platform algorithm). Therefore, we believe that on the four platforms of Facebook, YouTube, PTT, and TikTok, it is essential to study existing narratives (T003 Leverage existing Narratives) during the Prepare phase to facilitate subsequent comment operations (T0116 Comment or Reply on Content, T0116 Trolls amplify and manipulate).

| Phase | Tactic | Facebook | Youtube | PTT | Tiktok |
|---------|--|----------|---------|-----|--------|
| Prepare | T0003 Leverage Existing Narratives | ○ | ○ | ○ | ○ |
| | T0023.001 Reframe Context | ◎ | ◎ | ◎ | |
| Execute | T0049 Flooding the Information Space | ◎ | ◎ | ◎ | |
| | T0049.001 Trolls Amplify and Manipulate | ◎ | ○ | ◎ | ○ |
| | T0116 Comment or Reply on Content | ◎ | ◎ | ◎ | ◎ |
| | T0121 Manipulate Platform Algorithm | ◎ | ○ | ○ | |
| | | | | | |

○ indicates observed manipulative behaviors that align with this Tactic.

◎ signifies observed manipulative behaviors that very closely match this Tactic.

Table 1: DISARM Tactics used on each platform.

The 5D's Strategy of Propaganda²

European security analyst Ben Nimmo previously delineated four tactics of Russian political propaganda (4Ds of propaganda) in Europe in his article "[Anatomy of an Info-War: How Russia's Propaganda Machine Works, and How to Counter It](#)": Dismiss, Distort, Distract, and Dismay. Subsequently, MisinfosecWG added Divide to this framework.

Dismiss refers to the strong refutation and criticism of narratives. Distort involves twisting the factual framework of a narrative to create one that is more favorable. Distract diverts attention, such as raising different issues for response or concocting new cause-and-effect relationships or conspiracy theories. Dismay targets individuals with criticism, intending to silence them. Divide aims to create fractures within an opposing group, breeding distrust and causing division.

AI Labs applies 5D's propaganda strategy to analyze the tactics of troll groups, providing a more concrete view of these groups' operational methods.

Manipulating Information through Link Sharing and Echoing Chinese State-affiliated Media by Facebook Troll Groups

From the behaviors observed in the dissemination of information by collaborative users. The first involves articulating narratives similar to those of official Chinese media through comments, while the second entails sharing posts and videos across various groups to influence the perceptions of ordinary users.

From the collaborative users' sharing activities between September and December of the past year, it has been observed that four types of posts and videos with narratives similar to those of official Chinese media are most frequently shared: "Lai Ching-te's hometown illegal construction controversy," "Taiwan is part of China," "labor shortages," and "corruption and malpractice within the DPP." In the period from January to the present day, the most commonly shared issues by collaborative users include the "campus throat-cutting incident" (12%) and "scam events" (9.6%).

² The 5D's strategies (dismiss, distort, distract, dismay, divide): [https://inventory.adt.ac/wiki/The_5D%27s_\(dismiss,_distort,_distract,_dismay,_divide\)](https://inventory.adt.ac/wiki/The_5D%27s_(dismiss,_distort,_distract,_dismay,_divide))

| <i>Narrative</i> | <i>September</i> | <i>October</i> | <i>November</i> | <i>December</i> |
|---|------------------|----------------|-----------------|-----------------|
| The DPP is pushing Taiwan into a perilous military situation. | | | | |
| Lai Ching-te's hometown illegal construction controversy | 41% | 11.6% | | 33.7% |
| The U.S disregards the life and death of the people of Taiwan | | | | |
| The termination of the ECFA is affecting Taiwan's economy | | | | |
| Taiwan is a part of China | 12% | 5.2% | 9.8% | 19% |
| Taiwan's economy is facing challenges | | | | |
| Taiwanese education de-Sinicization | | | | |
| The Taiwanese military's weapons are outdated. | | | | |
| Egg shortage, power shortage, labor shortage | 21.5% | 10.2% | 2% | 15.9% |
| Taiwanese high schools are facing closure | | | | |
| Corruption and malpractice within the DPP | 39.2% | 48.2% | 40.2% | 58% |

Table 2: Trends Consistent with Chinese State-affiliated Media Discourse in Shared Links.

The sharing tactics employed by these accounts can be categorized into three types:

Within the same troll group, one user shares, and others comment or react: Individuals within the same troll group take turns sharing content, while others within the group engage by leaving comments or giving likes.

Within the same troll group, numerous accounts share identical content in the same group:

Multiple accounts within the same troll group simultaneously share the same content within a specific community or group.

Within the same troll group, numerous accounts share identical content across different groups: Several accounts within the same troll group coordinate to share identical content across various communities or groups.

The top 10 most frequently shared groups can be categorized into four categories.

Echo Chamber Groups: Posts in these groups mainly revolve around attacking or supporting political figures. Troll groups within these communities share articles or videos aligning with the same political bias to deepen the political awareness of the group members.

Local Community Groups: Posts in these groups primarily focus on sharing local cuisine, interesting facts, and other related content. Troll groups within these communities share posts and videos that manipulate users across different regions, subtly influencing them with the shared content over time.

Specialized Interest Groups: These groups serve specific purposes, such as the “Friends of the Labor Intermediaries Association” group, which focuses on introducing manpower issues. Troll groups manipulate users in these communities by sharing news about labor shortages, creating an atmosphere emphasizing labor shortages and reinforcing the general users’ awareness.

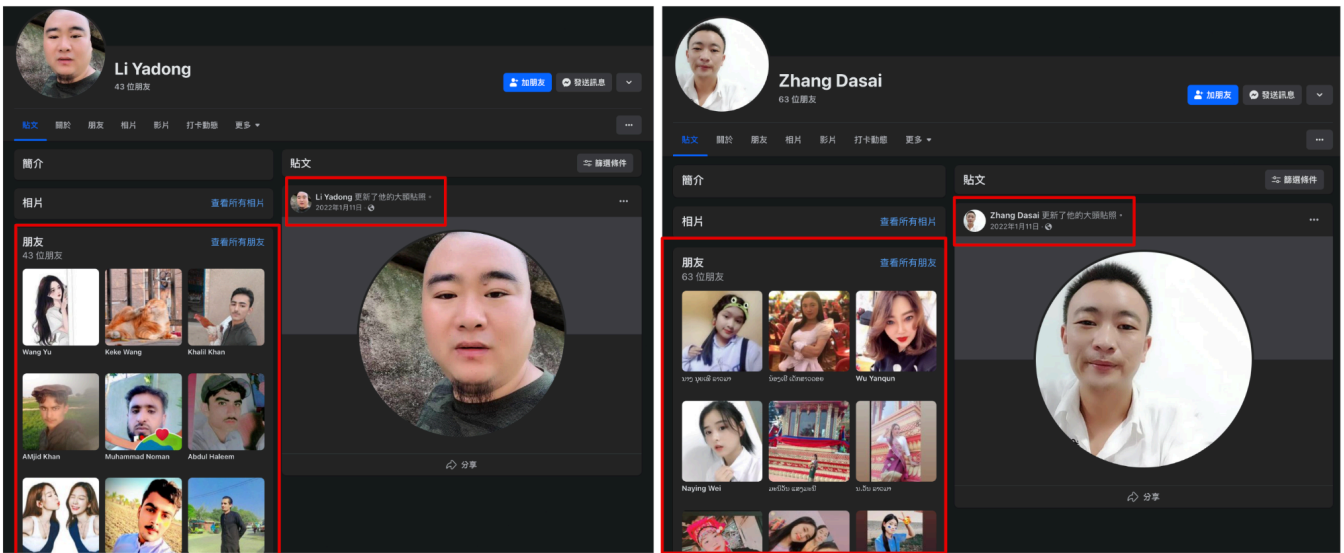
Audiovisual Entertainment Groups: These groups primarily focus on entertainment content such as videos. Troll groups’ sharing within these communities can have a more extensive impact, reaching users who don’t typically pay attention to politics.

| <i>Facebook Group</i> | <i>Number of Members</i> | <i>Categories</i> |
|---|--------------------------|-----------------------------|
| Supporting the CTI News Group, advocating for significant news and revelations (力挺中天新聞社團, 支持大新聞大爆卦) | 11.5k | Echo Chamber Groups |
| The Friends of the Labor Intermediaries Association (人力仲介之友會) | 14.7k | Specialized Interest Groups |
| Changhua People, Changhua Matters (彰化人彰化事) | 37.6k | Local Community Groups |

| | | |
|---|-------|----------------------------------|
| Penghu Takeoff Network (澎湖起飛網) | 7.2k | Local Community Groups |
| Keelung Renewal (基隆革新) | 7.5k | Local Community Groups |
| The Commoners are Boss (庶民大頭家) | 5.5k | Echo Chamber Groups |
| I Support the Recall of the 'Legislator Who Supports Pork Imports with Ractopamine (割萊委我+1) | 3.4k | Audiovisual Entertainment Groups |
| One Belt, One Road Countries' Chinese Forum (一帶一路沿線國家華人論壇) | 14.1k | Echo Chamber Groups |
| We, the Chinese, Should Have Patriotism! If You are Bright, the Motherland Won't be in the Dark! (咱們中國人，要有愛國心！你若是光明，祖國不黑暗！) | 4.3k | Echo Chamber Groups |
| Learning from the great leader Mao Zedong (一代偉人毛澤東向毛澤東學習) | 15.5k | Echo Chamber Groups |

Table 3: Top 10 Facebook Groups with the Most Shared Links by Troll Groups

After observation, it was noticed that in the most frequently shared audiovisual entertainment groups, "I Support the Recall of the 'Legislator Who Supports Pork Imports with Ractopamine ([割萊委我+1](#))," there are peculiar aspects to the accounts of the group administrators. These accounts exhibit suspicious traits, such as having an empty timeline and having friend lists from various countries, raising questions about their authenticity.



Graph 1: Anomalies in the Profiles of Two Administrators of the “I Support the Recall of the ‘Legislator Who Supports Pork Imports with Ractopamine (割菜委我+1)” Group – Identical Profile Picture Upload Times and Foreign Friends

The top five sources of the shared content are as follows: Facebook (82%), Youtube (5%), New Tang Dynasty Television Asia Pacific (2%), China Times (2%), Vocus (1%).

| <i>Source of the Shared Content</i> | <i>Percentage</i> |
|-------------------------------------|-------------------|
| Facebook | 82% |

| | |
|--|------|
| Youtube | 5% |
| New Tang Dynasty Television Asia Pacific | 2% |
| China Times | 2% |
| Vocus | 1.3% |

Table 4: Source of Shared Content and Its Proportion

AI Labs analyzed the Facebook accounts which shared most and found the top five most frequently shared Facebook accounts are as follows: Daily Information Report (每日資訊速報) (12%), Explosive New Information (勁爆新資訊) (7.3%), Mei May (3.5%), One China for Eternity (永恆的一个中國) (2.3%) and Ziyou Ai (1.3%).

| Facebook Accounts | Percentage |
|--------------------------------------|-------------------|
| Daily Information Report (每日資訊速報) | 12% |
| Explosive New Information (勁爆新資訊) | 7.3% |
| Mei May | 3.5% |
| One China for Eternity (永恆的一个中國) | 2.3% |
| Ziyou Ai | 1.3% |

Table 5: Source of Shared Content from Facebook and Its Proportion

These Facebook accounts are all politically inclined fan pages with strong positions. The primarily shared Facebook accounts are not news pages but small fan pages and personal accounts with fewer followers. Despite having a low follower count and relatively few comments on their posts, they accumulate a significant number of shares. The most discussed event on these frequently shared Facebook accounts in the past week is the scandal involving Lo Chih-cheng's leaked explicit video.



Graph 2: Recent Operations on Lo Chih-cheng's Scandal by "Explosive New Information (勁爆新資訊)" and "Daily Information Report (每日資訊速報)" Facebook Pages

Continuing our analysis, AI Labs examined the sharing patterns of YouTube links by Troll groups. Among the shared content, the top five most frequently shared YouTube accounts include Voice of Hope TV (希望之聲TV) (26.2%), Politics and Economics Cannot Be Closed (政經關不了) (9.7%), Current Affairs Gold Scanning (時事金掃描) (3.2%), Ning-guan Talks (凝觀說說看) (3.1%), and Small Talk with Xiaomu (小木談天) (1.1%). These YouTube accounts are notable for their strong political viewpoints.

| Youtube Channels | Percentage |
|--|-------------------|
| Voice of Hope TV (希望之聲TV) | 26.2% |
| Politics and Economics Cannot Be Closed (政經關不了) | 9.7% |
| Current Affairs Gold Scanning (時事金掃描) | 3.2% |
| Ning-guan Talks (凝觀說說看) | 3.1% |
| Small Talk with Xiaomu (小木談天) | 1.1% |

Table 6: Source of Shared Content from YouTube and Its Proportion

Finally, AI Labs analyzed the top three Troll groups with the highest collaborative sharing rates, which are Facebook #61007 (22%), Facebook #61640 (16%), and Facebook #61352 (6%).

| Group | Percentage |
|-----------------|-------------------|
| Facebook #60007 | 22% |
| Facebook #61640 | 16% |
| Facebook #61352 | 6% |

Table 7: Facebook Troll Groups with the Most Shared Links in Coordination

The top troll group that most frequently shares posts and videos is Facebook #61007. The content shared in this group primarily focuses on criticizing the Chinese Communist Party (中共). From September to December, a total of 242 posts and videos were shared, accounting for 22% of the overall collaborative sharing activity.



Graph 3: Sample of Shared Links from Facebook #61007

The second most frequently sharing troll group is Facebook #61640. The content shared in this group primarily revolves around criticizing Lai Ching-te’s illegal construction and the DPP’s impact on freedom of speech. These two themes align with Chinese Chinese state-affiliated media narratives. From September to December, a total of 177 posts and videos were shared in this group, constituting 16% of the overall collaborative sharing activity.

| Narrative | September | October | November | December |
|---|-----------|---------|----------|----------|
| The DPP is pushing Taiwan into a perilous military situation. | | | | |
| Lai Ching-te’s hometown illegal construction controversy | 66% | 50% | 91.7% | 85.2% |
| The U.S disregards the life and death of the people of Taiwan | | | | |
| The termination of the ECFA is affecting Taiwan’s economy | | | | |
| Taiwan is a part of China | | | | |
| Taiwan’s economy is facing challenges | | | | |
| Taiwanese education de-Sinicization | | | | |

| | | | | |
|--|------|------|------|------|
| The Taiwanese military's weapons are outdated. | | | | |
| Egg shortage, power shortage, labor shortage | | | | |
| Taiwanese high schools are facing closure | | | | |
| Corruption and malpractice within the DPP (The DPP controls the media and infringes on freedom of speech) | 100% | 100% | 100% | 100% |

Table 8: Alignment of Shared Links from Facebook #61640 with Chinese State-affiliated Media Discourse



Graph 4: Sample of Shared Links from Facebook #61640

The third most frequently sharing troll group is the Facebook #61352. The content shared in this group primarily focuses on criticizing Israel and the United States. The narrative against Israel mainly emphasizes Israeli military actions involving attacks on refugee camps, assaults on civilians, taking the lives of children, and causing harm to its own people. The narrative against the United States primarily argues that despite the U.S. often using righteous language, many of its actions are, in essence, aimed at maintaining its own hegemony. Taiwan has spent a considerable amount of money on protection fees to purchase weapons from the United States but has not achieved security. Instead, it has become cannon fodder for the U.S. in suppressing mainland China for its own hegemony. Yet many Taiwanese people don't voice their opposition to the United

States. From September to December, a total of 71 posts and videos were shared in this group, constituting 6% of the overall collaborative sharing activity.

| Narrative | September | October | November | December |
|---|------------------|----------------|-----------------|-----------------|
| The DPP is pushing Taiwan into a perilous military situation. | | | | |
| Lai Ching-te's hometown illegal construction controversy | | | | |
| The U.S disregards the life and death of the people of Taiwan | | 5% | | 3.2% |
| The termination of the ECFA is affecting Taiwan's economy | | | | |
| Taiwan is a part of China (China has a formidable military) | | | 3% | |
| Taiwan's economy is facing challenges | | | | |
| Taiwanese education de-Sinicization | | | | |
| The Taiwanese military's weapons are outdated. | | | | |
| Egg shortage, power shortage, labor shortage | | | | |
| Taiwanese high schools are facing closure | | | | |
| Corruption and malpractice within the DPP | | | | |

Table 9: Alignment of Shared Links from Facebook #61352 with Chinese State-affiliated Media Discourse



Graph 5: Sample of Shared Links from Facebook #61352

Echoing Chinese State-affiliated Media by PTT Troll Groups

This week, AI Labs also conducted an analysis of PTT troll groups and their alignment with Chinese state-affiliated media in terms of discourse. We further investigated the previous operational activities of these Troll groups.

As the upcoming election approaches, the discourse on PTT #60004 is increasingly aligning with Chinese State-affiliated Media trends. The main focus of the discourse revolves around attacking Taiwan’s economy and education, with specific references to the DPP.

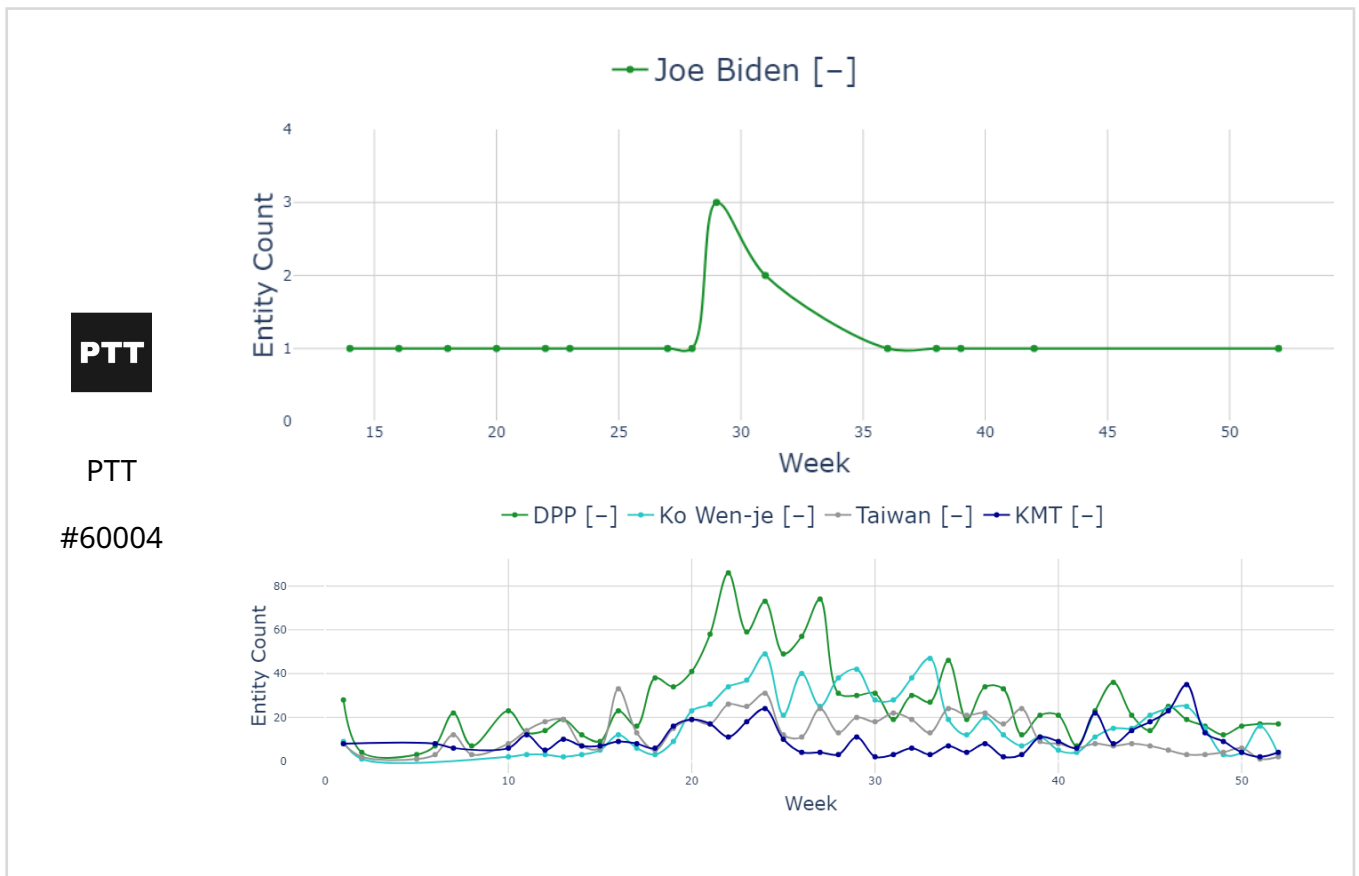
| Narrative | September | October | November | December |
|---|-----------|---------|----------|----------|
| The DPP is pushing Taiwan into a perilous military situation. | 8% | 4.3% | 7% | 5.3% |
| The U.S disregards the life and death of the people of Taiwan | | | 2% | |
| The termination of the ECFA is affecting Taiwan’s economy | | | 3.1% | 8.2% |
| Taiwan is a part of China | | | | |
| Taiwan’s economy is facing challenges | 9% | 38% | 15.6% | 18.5% |
| Taiwanese education de-Sinicization | | | | 7% |
| The Taiwanese military’s weapons are outdated. | | 4.3% | | |

| | | | | |
|--|------|-------|-------|-------|
| Egg shortage, power shortage, labor shortage | 4.2% | 28.2% | 12.7% | 3.5% |
| DPP has done a poor job governing Taiwan | 29% | 28.9% | 32.5% | 33.8% |
| Taiwanese high schools are facing closure | | | | |

* Red boxes indicate alignment with the current month's PRC state-affiliated media narrative trends.

Table 10: Narratives of PTT #60004 closely aligned with PRC state-affiliated media.

Apart from engaging in domestic Taiwanese issues, this group is also involved in manipulating the U.S. elections. They disseminate narratives that criticize Biden, aiming to amplify the perception of administrative incompetence in the Biden government. Lately, the primary targets of their attacks include the DPP, the KMT, and the TPP. They employ a divisive strategy, attempting to sow mistrust among different political parties in Taiwan and further emphasizing the perceived chaos in the current democratic situation in Taiwan.



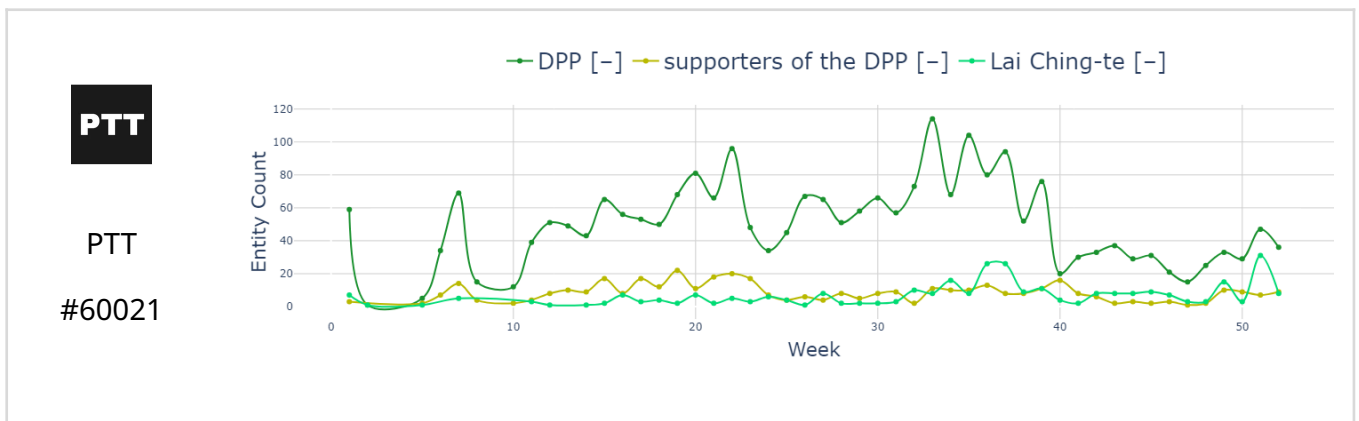
Graph 6: Changing Trends in Entity Operations for PTT #60004

On the other hand, in PTT #60021, as the upcoming election draws nearer, there is an increasing alignment with Chinese State-affiliated Media trends. The primary discourse involves employing war threats against Taiwan and launching significant attacks on education and economic issues.

| Narrative | September | October | November | December |
|---|-----------|---------|----------|----------|
| The DPP is pushing Taiwan into a perilous military situation. | 2% | | 3.3% | |
| The U.S disregards the life and death of the people of Taiwan | | | | |
| The termination of the ECFA is affecting Taiwan’s economy | | | | 11.5% |
| Taiwan is a part of China | | | | |
| Taiwan’s economy is facing challenges | 6.3% | 12% | 9% | 18.5% |
| Taiwanese education de-Sinicization | | | | 2% |
| The Taiwanese military’s weapons are outdated. | | | | |
| Egg shortage, power shortage, labor shortage | | 7.7% | 3.2% | |
| DPP has done a poor job governing Taiwan | 31.5% | 21.7% | 22.6% | 18.5% |
| Taiwanese high schools are facing closure | | | | |

Table 11: Narratives of PTT #60021 closely aligned with PRC state-affiliated media.

In the past, this group has focused on using the specific term “Goblin Party” to derogatorily refer to supporters of the DPP. They actively engage in and specifically target negative news related to the DPP in domestic events, participating in negative attacks on issues such as energy policy, sexual harassment scandals, financial fraud, and housing justice.



Graph 7: Changing Trends in Entity Operations for PTT #60021

Narrative Trends of the Most Active Troll Group on Tiktok from September to December

AI Labs conducted an analysis of troll group activities on TikTok from September to December. It was found that the most active troll groups were Tiktok #74001 (14%) and Tiktok #74034 (10%).

| <i>Troll Groups</i> | <i>Percentage</i> |
|----------------------------|--------------------------|
| Tiktok #74001 | 14% |
| Tiktok #74034 | 10% |
| Tiktok #74046 | 8% |
| Tiktok #74023 | 6% |
| Tiktok #74138 | 5% |

Table 12: Top Troll Groups in Activity on TikTok

The channels with the highest participation by these troll groups were “2024 Elections” (2024年選舉 - 8%), “CNEWS Converging News Network” (CNEWS匯流新聞網 - 7%), and “Narragansett” (6%).

| <i>Channel</i> | <i>Percentage</i> |
|---|--------------------------|
| 2024 Elections (2024年選舉) | 8% |
| CNEWS Converging News Network (CNEWS匯流新聞網) | 7% |
| Narragansett | 6% |
| Citizen V (公民V) | 4% |
| A Tea Egg (一顆茶葉蛋) | 3% |

Table 13: Top Channels Operated on TikTok

Tiktok #74001 exhibited higher activity during the discussions related to the KMT-TPP collaboration. In September and October, it was mainly active on channels such as Citizen V (公民V), CNEWS Converging News Network (CNEWS匯流新聞網), and Taipei City Councilor Hou Hanting (台北市議員侯漢廷). In November and December, its primary activities shifted to 2024 Elections (2024年選舉) and Narragansett.

| September | |
|---|-------------------|
| Channel | Percentage |
| Citizen V (公民V) | 11% |
| CNEWS Converging News Network (CNEWS匯流新聞網) | 9% |
| ★ Young Man! Cheer Up ★ Don't doubt, the DPP, the Japanese traitors who linger in Taiwan, have determined to poison the Taiwanese people (★少年耶! 安啦★別懷疑民進黨滯台日本漢奸荼毒台灣百姓決心) | 8% |
| Narragansett | 7% |
| Lo Chih-chiang's Wild TV (羅智強野電視) | 6% |
| October | |
| Channel | Percentage |
| Citizen V (公民V) | 11% |
| Taipei City Councilor Hou Hanting (台北市議員侯漢廷) | 9% |
| Lo Chih-chiang's Wild TV (羅智強野電視) | 7% |
| Narragansett | 6% |
| ★ Young Man! Cheer Up ★ Don't doubt, the DPP, the Japanese traitors who linger in Taiwan, have determined to poison the Taiwanese people (★少年耶! 安啦★別懷疑民進黨滯台日本漢奸荼毒台灣百姓決心) | 5% |
| November | |
| Channel | Percentage |
| 2024 Elections (2024年選舉) | 13% |
| Narragansett | 4% |
| Citizen V (公民V) | 4% |
| Lo Chih-chiang's Wild TV (羅智強野電視) | 3% |
| Taiwan CTI NEWS | 3% |
| December | |
| Channel | Percentage |

| | |
|---|----|
| Narragansett | 8% |
| 2024 Elections (2024年選舉) | 6% |
| CNEWS Converging News Network (CNEWS匯流新聞網) | 5% |
| 👉 Ah Guan Fans Club 👉 (👉阿館Fans俱樂部👉) | 5% |
| Super Ordinary Common People (超級普通老百姓) | 5% |

Table 14: Changes in Comment Channels of Tiktok #74001 from September to December

Operations of Tiktok #74001 primarily involved repeatedly leaving comments below videos, with recurring content like emojis such as “😂😂😂😂😂,” “not voting for the Green Party” (不投綠), and “Vote for Ko Wen-je” (投柯).

| September | |
|-------------------|--|
| Percentage | Summary of Narratives |
| 30.60% | Laughing, Hilarious, Emojis like “😂😂😂😂😂” |
| 20.40% | Not voting for the DPP, only not support Lai |
| 20.40% | Voting for Ko, alright, I'll vote for Ko-P |
| October | |
| Percentage | Summary of Narratives |
| 36.40% | Laughing, Hilarious, Emojis like “😂😂😂😂😂” |
| 21.60% | Not voting for the DPP, only not support Lai |
| 17% | Voting for Ko, alright, I'll vote for Ko-P |
| November | |
| Percentage | Summary of Narratives |
| 65.70% | Vote for Ko Wen-je, change Taiwan, fully support Ko Wen-je |
| 53.60% | Take down the DPP |
| 13.50% | Laughing, Hilarious, Emojis like “😂😂😂😂😂” |
| 9.70% | Mocking the KMT wanting to get 6% |
| December | |
| Percentage | Summary of Narratives |
| 38.50% | Laughing, Hilarious, Emojis like “😂😂😂😂😂” |
| 36% | Vote for Ko Wen-je, change Taiwan, fully support Ko Wen-je |
| 23.40% | Take down the DPP |
| 16.40% | Mocking the KMT wanting to get 6% |

Table 15: Changes in Narratives of Tiktok #74001 from September to December

Tiktok #74034 was more active during the discussions surrounding the egg shortage issue in September and the KMT-TPP collaboration in November. However, from September to December,

its main activities were focused on channels like CNEWS Converging News Network (CNEWS匯流新聞網) and Narragansett.

| September | |
|---|-------------------|
| Channel | Percentage |
| CNEWS Converging News Network (CNEWS匯流新聞網) | 20% |
| Narragansett | 12% |
| Yulian (羽蓮) | 8% |
| Ko Wen-je Fan Club (柯文哲粉絲後援會) | 6% |
| Current Affairs Microscope (時事新聞顯微鏡) | 6% |
| October | |
| Channel | Percentage |
| CNEWS Converging News Network (CNEWS匯流新聞網) | 28% |
| Narragansett | 20% |
| 2024 Elections (2024年選舉) | 12% |
| Ko Wen-je Fan Club (柯文哲粉絲後援會) | 12% |
| Ko Wen-je's KP Battle 2024 (柯文哲KP決戰2024) | 4% |
| November | |
| Channel | Percentage |
| Narragansett | 28% |
| CNEWS Converging News Network (CNEWS匯流新聞網) | 26% |
| 2024 Elections (2024年選舉) | 8% |
| Ko Wen-je Fan Club (柯文哲粉絲後援會) | 6% |
| Keep Prudential | 4% |
| December | |
| Channel | Percentage |
| Narragansett | 19% |
| CNEWS Converging News Network (CNEWS匯流新聞網) | 12% |
| Lucifer Chu's Otaku Everything Office (朱學恒的阿宅萬事通事務所) | 8% |
| Ko Wen-je Fan Club (柯文哲粉絲後援會) | 5% |

| | |
|-----------------------------|----|
| 2024 Elections (2024年選舉) | 4% |
|-----------------------------|----|

Table 16: Changes in Narratives of Tiktok #74034 from September to December

Tiktok #74034's approach also involved repetitive commenting under videos, with most comments being variants of "Go, Ah-Bian!" (阿北加油), "Ko Wen-je, keep it up!" (柯p加油), and occasionally including "Hou Han-ting, keep it up!" (漢廷加油) .

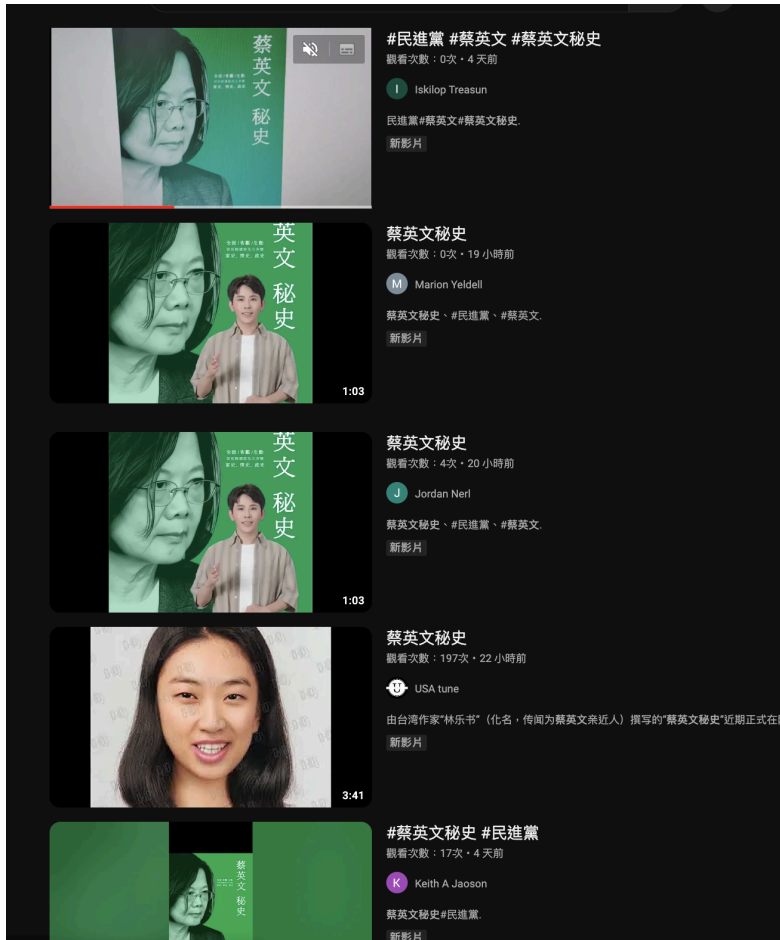
| September | |
|-------------------|--|
| Percentage | Summary of Narratives |
| 88.9% | Ah-Bian, keep going! |
| 3.3% | Ko-P, keep going! |
| October | |
| Percentage | Summary of Narratives |
| 80% | Ah-Bian, keep going! Hou Han-ting, keep going! |
| 15.6% | Ko-P, keep going! |
| November | |
| Percentage | Summary of Narratives |
| 52.7% | Ah-Bian, keep going! |
| 41.2% | Ko-P, keep going! |
| December | |
| Percentage | Summary of Narratives |
| 49.3% | Ah-Bian, keep going! People's Party, keep going! |
| 41.1% | Ko-P, keep going! Hou Han-ting, keep going! |

Table 17: Changes in Narratives of Tiktok #74034 from September to December

Given that the tactics employed by these troll groups on TikTok mostly revolve around repetitive supportive comments, they appear to have less involvement in strategies related to Distort, Dismay, Distract, or other aspects of the 5D's Strategy of Propaganda.

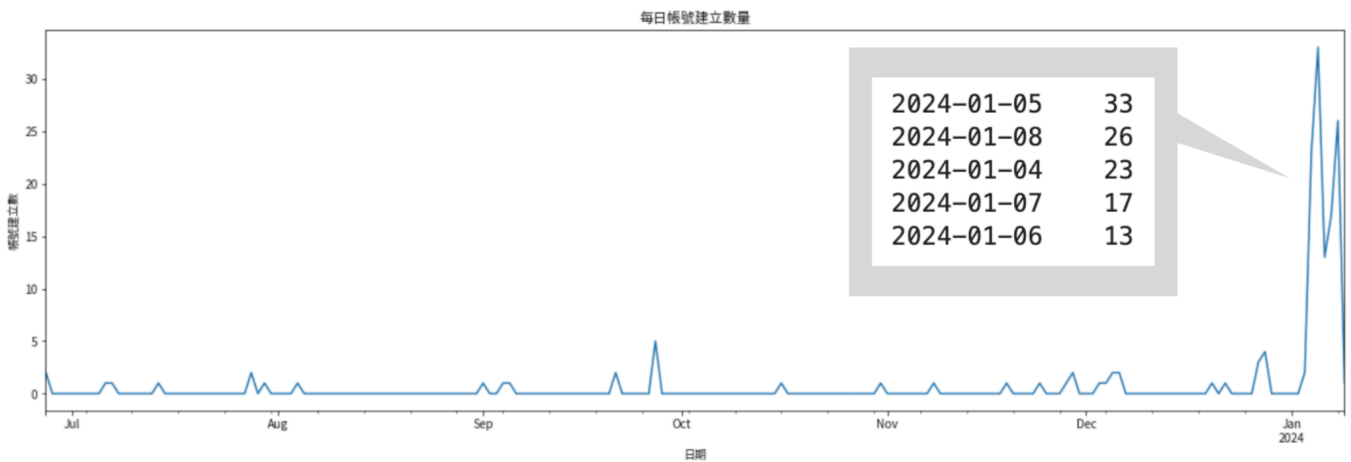
Operation of AI-generated scandal videos of Tsai Ing-wen on YouTube by fake accounts

On the morning of January 9th, Austin Wang exposed a large number of accounts that appeared to be coordinating the uploading of "The Secret History of Tsai Ing-wen (蔡英文秘史)" and related videos, suspected to be AI-generated.



Graph 8: A large number of videos related to “The Secret History of Tsai Ing-wen”

After data verification and analysis, it was found that most YouTube accounts were created between January 5th and January 8th, and they uploaded only videos related to the “The Secret History of Tsai Ing-wen.” These videos and accounts have since been taken down.



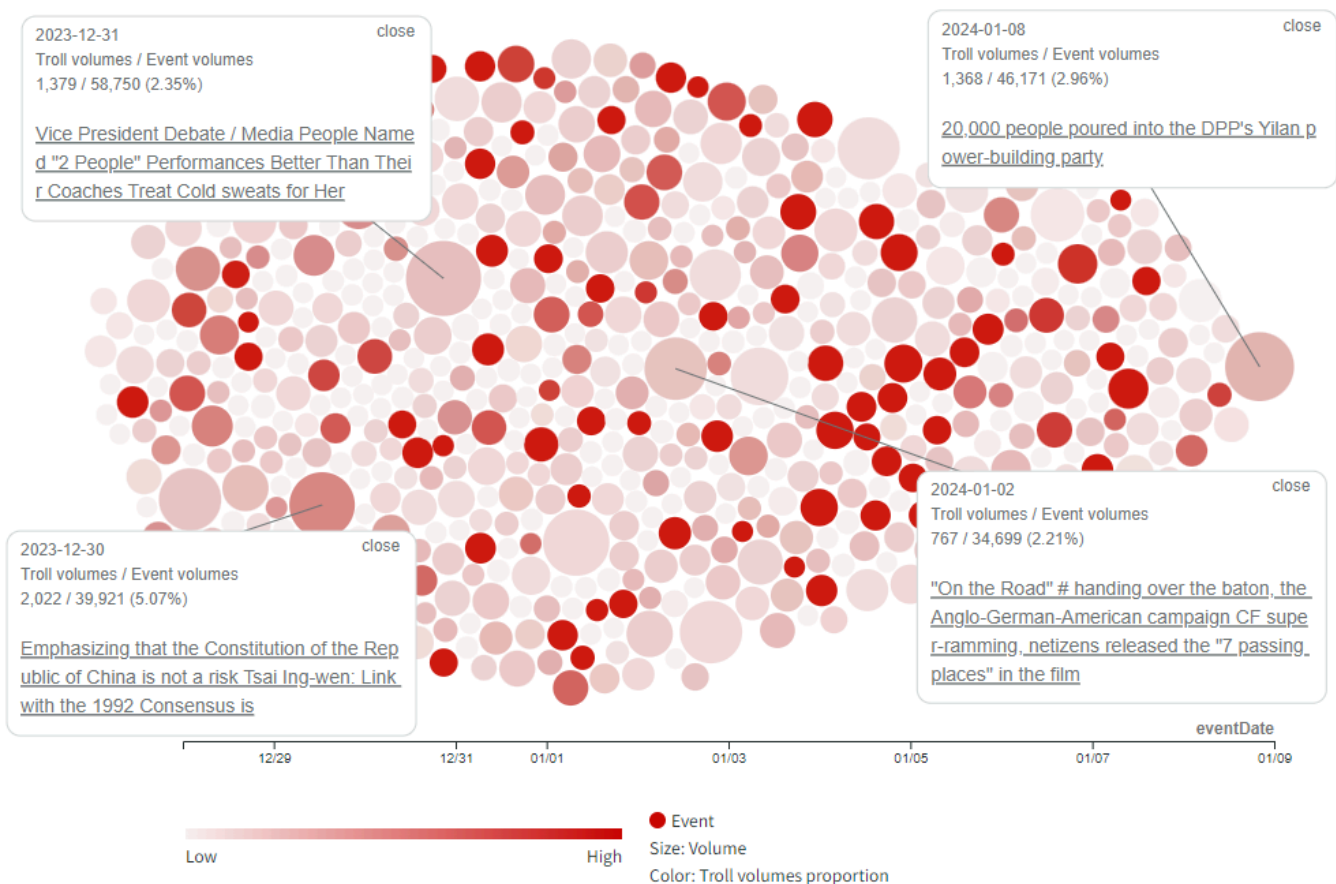
Graph 9: Concentration in the creation of YouTube accounts

Social Media Manipulation Analysis

The following content conducts a comprehensive analysis of 846 events, 7,645 news articles, a total of 1,488,050 comments, 3,279 troll accounts, and 35,895 comments originating from those accounts. Subsequently, tables are included to highlight the three most targeted entities on each platform where troll accounts focused their efforts. Finally, the report's summary is generated by the Taiwan Large Language Model (Taiwan LLM) to encapsulate the findings and conclusions derived from the data concisely.

Facebook

This week on Facebook, the primary targets of troll group operations included the DPP (8.5%), Lai Ching-te (5.8%), and KMT (4.4%). Troll group primarily focused on issues such as the 92 Consensus and constitutional identity. The main strategy employed was the use of the "Divide" technique, targeting both the DPP and the KMT. The objective seemed to be the reinforcement of societal mistrust by attacking Taiwanese political parties.



* Each circle represents an event related to this manipulated story

** The size of each circle defined by the sum of the social discussion of that event

*** The darker the circle is, the higher the proportion of troll comments in the event

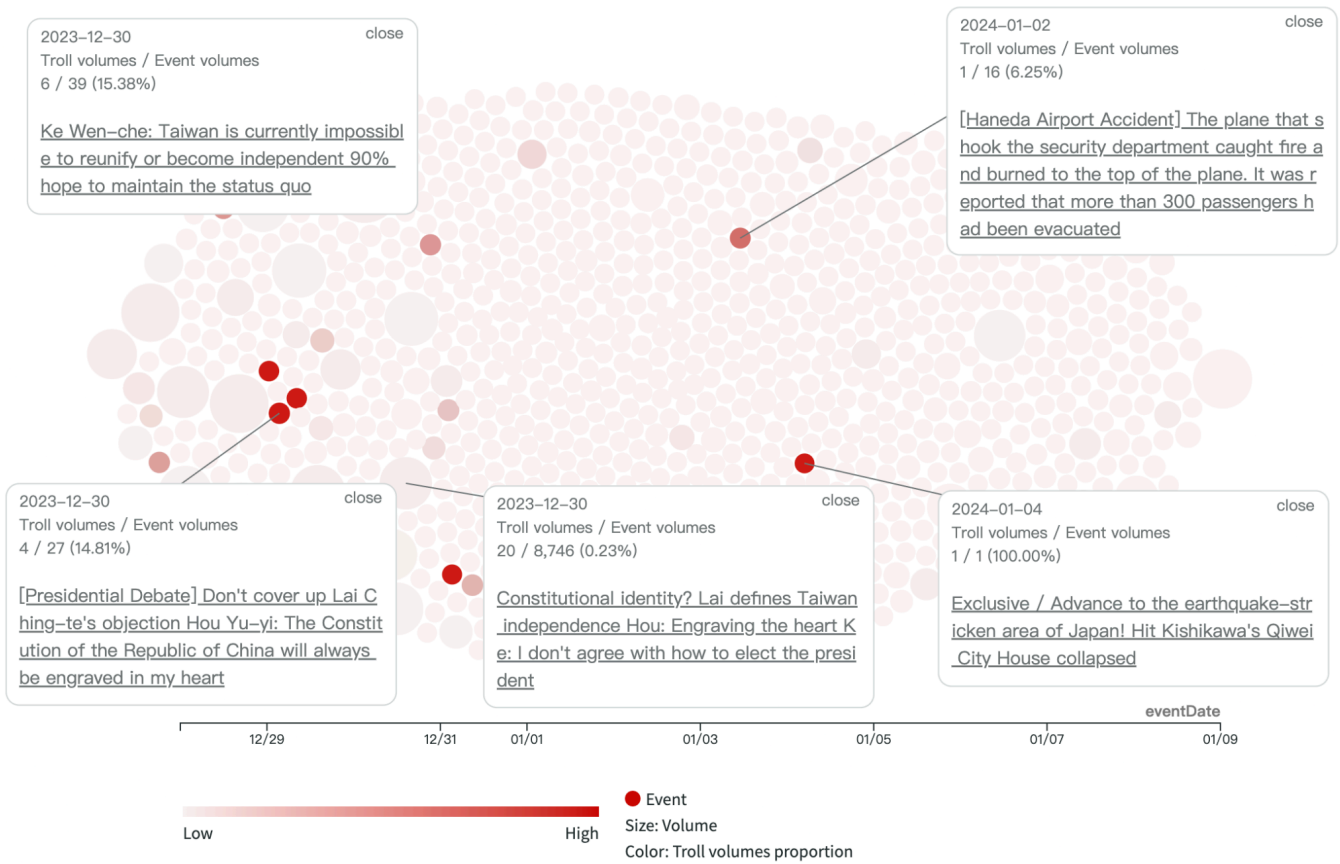
Graph 10: Events on Facebook overview by timeline (from <https://infodemic.cc>)

| <i>Target Entity</i> | <i>Summary of Narratives</i> |
|---------------------------------------|--|
| <p>DPP - 8.5%</p> | <ul style="list-style-type: none"> Negative comments about the DPP criticize the party for allegedly having ties to the New Tide faction, claiming that it undermines Taiwan's interests. The comments demand the removal of both the DPP and the New Tide faction. |
| <p>Lai Ching-te - 5.8%</p> | <ul style="list-style-type: none"> Negative remarks about Lai Ching-te criticize him for being indecisive on the issue of abolishing the death penalty. Other negative comments mention corruption scandals and question Lai Ching-te's moral integrity. |
| <p>KMT - 4.4%</p> | <ul style="list-style-type: none"> The expressions present extremely negative evaluations of the KMT and its members, accusing them of various improper activities. Simultaneously, there is skepticism towards the 92 Consensus, suggesting that it is a misleading concept for the country. |

Table 18: Troll group's target entity and summary of narratives on Facebook (from <https://infodemic.cc>)

YouTube

This week, AI Labs observed three main discourses on YouTube. One discourse involved mass posting of emoticons like “👍👍👍👍👍👍” (7.4%). Another discourse centered around the message “Abandoning Hau to remove the Democratic Progressive Party” (7.4%), and the third discourse was related to “Lai Ching-te stating ‘The Republic of China is a disaster’” (7.4%).



- * Each circle represents a event related to this manipulated story
- ** The size of each circle is defined by the sum of the social discussion of that event
- *** The darker the circle is, the higher the proportion of troll comments in the event

Graph 11: Events on Youtube overview by timeline (from <https://infodemic.cc>)

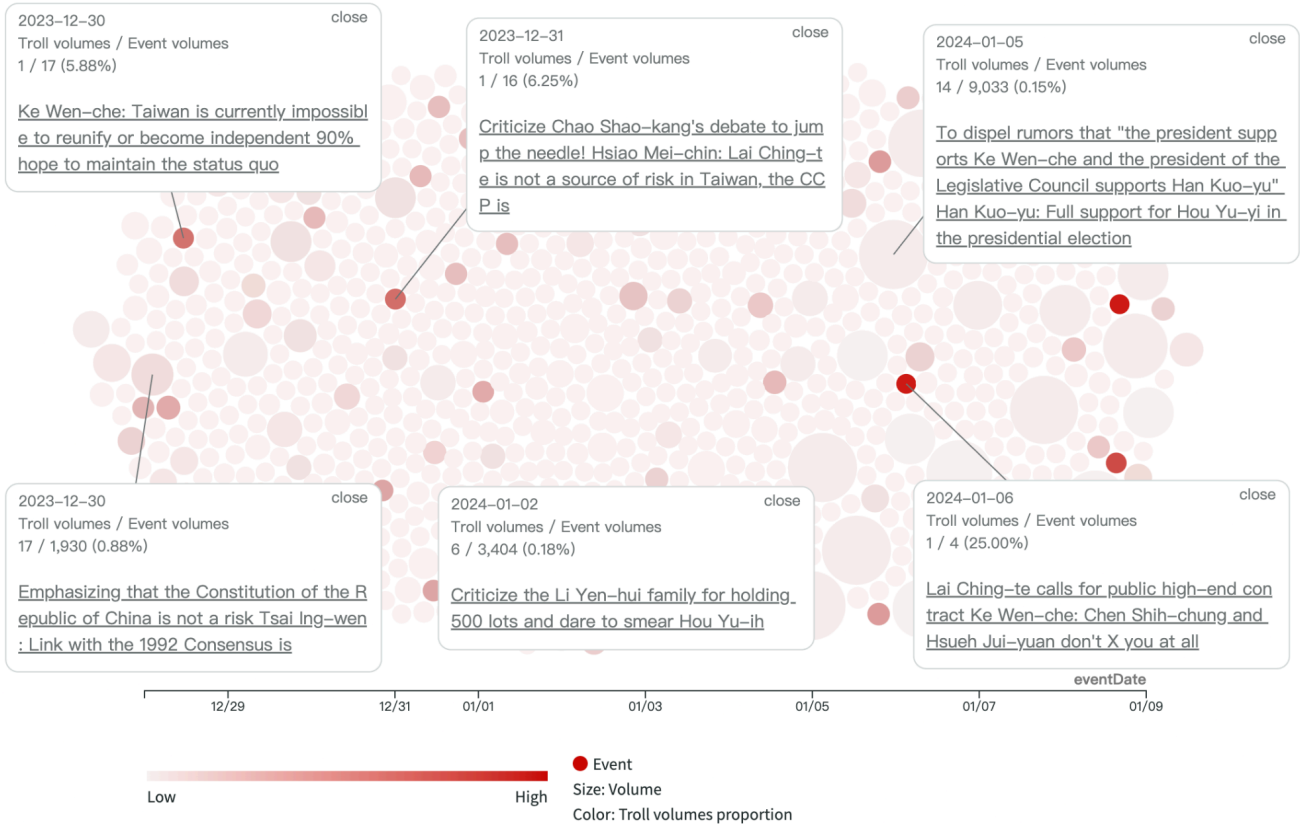
| Percent | Summary of Narratives |
|---------|---|
| 7.4% | 👍👍👍👍👍👍 and similar emoticons |
| 7.4% | To remove the DPP from power, we must abandon Hau and support Ko. |
| 7.4% | Lai Ching-te said, "The Republic of China is a disaster." |

Table 19: Troll group's summary of narratives on Youtube (from <https://infodemic.cc>)

TikTok

On TikTok this week, the primary trend was the circulation of campaign messages. For example, messages like "Vote for presidential candidate number 3, party number 9, and KMT for regional legislators. Ensure security, stability, unity, peace, and prosperity" (52.7%) were prominent.

Additionally, there was a discourse expressing discontent with the KMT's incompetence and the Democratic Progressive Party's corruption, advocating for voting for Ko as the presidential candidate and the TPP as a means to change Taiwan (16.4%). Emoticons like "👍👍👍👍👍👍" (13.6%) were also observed.



- * Each circle represents a event related to this manipulated story
- ** The size of each circle defined by the sum of the social discussion of that event
- *** The darker the circle is, the higher the proportion of troll comments in the event

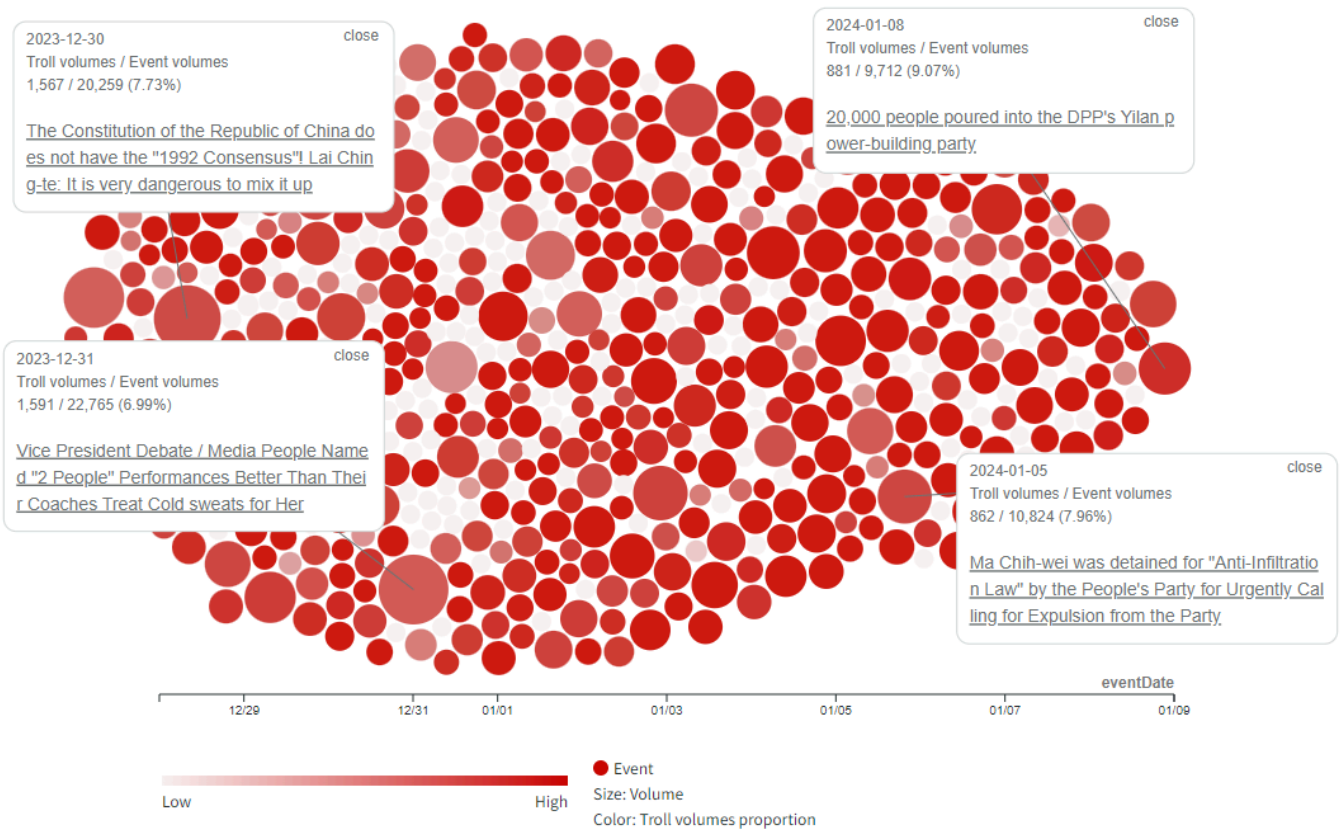
Graph 12: Events on Tiktok overview by timeline (from <https://infodemic.cc>)

| Percent | Summary of Narratives |
|---------|--|
| 52.7% | For the presidential vote, choose number 3, for the party vote, choose number 9, and for regional legislators, choose the KMT. Vote for stability, security, unity, peace, and prosperity. |
| 16.4% | Fed up with the KMT's incompetence and the DPP's corruption, I support Ko as the presidential candidate, and the TPP as the party to bring change to Taiwan. |
| 13.6% | 👍👍👍👍👍👍 and similar emoticons |

Table 20: Troll group’s summary of narratives on Tiktok (from <https://infodemic.cc>)

PTT

On PTT, the primary targets of troll groups this week were the DPP (17.8%), Ko Wen-je (9.0%), and KMT (7.9%). The troll group amplified issues primarily targeted by PRC state-affiliated media, specifically manipulating the controversy surrounding the disclosure of high-end vaccine contracts. They employed the “Distort” technique to warp the discourse framework, associating the controversy over high-end vaccines with government decisions.



- * Each circle represents a event related to this manipulated story
- ** The size of each circle defined by the sum of the social discussion of that event
- *** The darker the circle is, the higher the proportion of troll comments in the event

Graph 13: Events on PTT overview by timeline (from <https://infodemic.cc>)

| | |
|---------------|-----------------------|
| Target Entity | Summary of Narratives |
|---------------|-----------------------|

| | |
|------------------------------------|---|
| <p>DPP - 17.8%</p> | <ul style="list-style-type: none"> Comments criticize the DPP for harming Taiwan, depleting the national treasury, prioritizing property speculation, obstructing reservoir construction, and allegedly exploiting the COVID-19 pandemic to benefit specific businesses. |
| <p>Ko Wen-Je - 9.0%</p> | <ul style="list-style-type: none"> Numerous negative remarks have emerged in PTT, including criticisms and expressions of dissatisfaction directed at Ko Wen-je. Examples include blaming Ko's supporters for not learning from past experiences, expressing skepticism about Ko's political achievements, and urging supporters to abandon Ko in favor of supporting Hou Yu-ih. |
| <p>KMT - 7.9%</p> | <ul style="list-style-type: none"> The comments criticize the KMT for issues such as black money, bribery, and suspicions of criminal activity. Commenters call for the complete removal of the KMT and advocate for teaching them a lesson. Additionally, there are implicit suggestions that if other political parties engage in disorderly conduct and questionable planning, they too should face scrutiny. |

Table 21: Troll group's target entity and summary of narratives on PTT (from <https://infodemic.cc>)

Tracking Operations on Facebook #61009 and Facebook #61019 This Week

AI Labs continues to monitor the activities of Facebook #61009 and Facebook #61019, which we previously identified as the largest Troll groups operating on Facebook during the Taiwan elections this week.

Under various presidential candidate and incumbent president fan pages, we observed that 20.92% of comments under Tsai Ing-wen's fan page were left by Troll groups, 7.04% for Lai Ching-te, 2.85% for Ko Wen-je, and 1.76% for Hou Yu-ih.

| Facebook Fanpage | Proportion of Troll Volume |
|-------------------------|-----------------------------------|
| Tsai Ing-wen | 20.92% |
| Lai Ching-te | 7.04% |
| Ko Wen-je | 2.85% |

| | |
|-----------|-------|
| Hou Yu-ih | 1.76% |
|-----------|-------|

Table 22: Proportion of Troll Volume under Current President and Presidential Candidate Facebook Fan Pages

Further analysis of the distribution of these Troll groups under these fan pages revealed that they collectively made up 81% of the comments under Tsai Ing-wen's Facebook fan page, 76% under Lai Ching-te, and 41% under Hou Yu-ih. In contrast, they accounted for only 36% under Ko Wen-je.

| <i>Tsai Ing-wen</i> | | |
|---------------------|-----------------------------------|--|
| <i>Troll Group</i> | <i>Proportion of Troll Volume</i> | <i>Cumulative Proportion of Troll Volume</i> |
| 61009 | 42% | 42% |
| 61019 | 39% | 81% |
| 61096 | 6% | 87% |
| 61053 | 6% | 93% |
| 61136 | 2% | 95% |
| <i>Lai Ching-te</i> | | |
| <i>Troll Group</i> | <i>Proportion of Troll Volume</i> | <i>Cumulative Proportion of Troll Volume</i> |
| 61009 | 49% | 49% |
| 61019 | 27% | 76% |
| 61096 | 7% | 83% |
| 61053 | 3% | 86% |
| 66907 | 1% | 87% |
| <i>Ko Wen-je</i> | | |
| <i>Troll Group</i> | <i>Proportion of Troll Volume</i> | <i>Cumulative Proportion of Troll Volume</i> |
| 61009 | 29% | 29% |
| 61981 | 21% | 50% |
| 62443 | 13% | 63% |
| 61019 | 7% | 70% |
| 61063 | 6% | 76% |
| <i>Hou Yu-ih</i> | | |
| <i>Troll Group</i> | <i>Proportion of Troll Volume</i> | <i>Cumulative Proportion of Troll Volume</i> |
| 61009 | 28% | 28% |
| 61019 | 13% | 41% |
| 61981 | 9% | 50% |

| | | |
|-------|----|-----|
| 61063 | 8% | 58% |
| 62068 | 5% | 63% |

Table 23: Proportion of Troll Groups' Activity Volume under Current President and Presidential Candidate Facebook Fan Pages

This week, Facebook #61009 primarily left comments under Tsai Ing-wen's (33%) and Lai Ching-te's (24%) Facebook pages. The main discourse included attacks such as "Vote for Lai Lie, and the whole nation goes to war - vote for Lai Lie, the high-end vaccine scandal, Lai's Pinglin not being demolished" (21.1%), "Lai Ching-te against the death penalty" (10.2%), and "the DPP corruption" (8.1%).

| <i>Fan Page</i> | <i>Proportion of Troll Volume</i> | <i>Cumulative Proportion of Troll Volume</i> |
|---------------------|-----------------------------------|--|
| Tsai Ing-wen | 33% | 33% |
| Lai Ching-te | 24% | 57% |
| The DPP | 4% | 61% |
| Hou Yu-ih | 4% | 65% |
| udn.com | 4% | 69% |

Table 24: Facebook #61009 Primary Facebook Fan Pages Operated by This Week

| <i>Percent</i> | <i>Summary</i> |
|----------------|---|
| 21.1% | Vote for Lai Lie, and the whole nation goes to war - vote for Lai Lie, the high-end vaccine scandal, Lai's Pinglin not being demolished |
| 10.20% | Lai Ching-te against the death penalty |
| 8.10% | The DPP corruption |

Table 25: Facebook #61009 Main Narratives for This Week

Similarly, Facebook #61019 mainly commented under Tsai Ing-wen's (45%) and Lai Ching-te's (18%) Facebook pages this week, but the discourse was more diverse. It included statements like "New Tide is eating Taiwan, take down the DPP!" (23.3%), "the KMT is involved in scams and injustice, nowhere to hide." (9.1%), and "Choose the right person and walk the right path, go Taiwan team!" (7.4%).

| <i>Fan Page</i> | <i>Proportion of Troll Volume</i> | <i>Cumulative Proportion of Troll Volume</i> |
|---------------------|-----------------------------------|--|
| Tsai Ing-wen | 45% | 45% |
| Lai Ching-te | 18% | 63% |
| The DPP | 5% | 68% |
| udn.com | 3% | 71% |
| Hou Yu-ih | 2% | 73% |

Table 26: Facebook #61019 Primary Facebook Fan Pages Operated by This Week

| <i>Percent</i> | <i>Summary</i> |
|----------------|--|
| 23.3% | New Tide is eating Taiwan, take down the DPP! |
| 9.1% | The KMT is involved in scams and injustice, nowhere to hide. |
| 7.4% | Choose the right person and walk the right path, go Taiwan team! |

Table 27: Facebook #61019 Main Narratives for This Week

Trending of PRC State-affiliated Media³ Narratives and Troll Operation

This week, AI Labs observed that Chinese state-affiliated media continued its previous narrative of “If the DPP Wins, There Will Be Military Tensions.” They focused on criticizing presidential candidate Lai Ching-te’s remarks during a policy presentation, labeling him as a “disrupter of cross-strait peace” and a “creator of military tensions in the Taiwan Strait.” They aimed to create an impression that a DPP victory would lead to military tensions. AI Labs also identified related narratives on platforms like PTT, Facebook, and YouTube, such as “Vote for the DPP, and the youth will go to war.”

³ Definition of PRC state-affiliated media: Refers to news organizations like People’s Daily, Haiwainet, Xinhua News Agency, Global Times, and China Central Television (CCTV), whose editorial direction is directly influenced by the Chinese government.

On January 2nd, the KMT caucus held a press conference questioning over a thousand DPP members holding high-end stocks. This issue was subsequently manipulated by troll groups on PTT and received echoing responses from Chinese state-affiliated media on January 3rd.

| PTT | Facebook | YouTube | Tiktok | Date | China State-affiliated Media |
|--|--|--|--|-------|--|
| Ko Wen-je performed well in the debate | A The DPP's election victory brought about concerns of military aggression. | A The DPP's election victory brought about concerns of military aggression. | Supporting Ko Wen-je. | 12/30 | A 国台办：赖清德宣扬“台独”谬论，充斥对抗思维 The DPP's election victory brought about concerns of military aggression. |
| A The DPP's election victory brought about concerns of military aggression. | Controversy over illegal construction at Lai Ching-te's family home. | | Controversy over illegal construction at Lai Ching-te's family home. | 12/31 | 蔡英文发责任内最后一次新年讲话，国台办：民进党路线危害性破坏性 |
| Bi-khim Hsiao had a strong performance in the debate. | | | | 1/1 | 国台办：冀广大台胞认清民进党路线危害性破坏性 |
| B There are over a thousand DPP members among the Medigen shareholders. | | | | 1/2 | 台媒最新民调：侯友宜支持度达自去年5月以来最高 |
| Lai Pin-yu's road closure led to traffic congestion in Xizhi. | B There are over a thousand DPP members among the Medigen shareholders. | | | 1/3 | B 台媒：民进党“立委”侯友宜持有超过1000人Medigen股份 |
| Ko Wen-je is seen as a weak and mama's boy. | Controversy over illegal construction at Lai Ching-te's family home. | | Controversy over illegal construction at Lai Ching-te's family home. | 1/4 | 国台办：民进党“奥步”用多只会贻笑世人 |
| The DPP's complaints led to the disappearance of pro-Ko YouTube channels. | | | | 1/5 | 台湾写真：新北市校园“割颈案”震动台湾社会 |
| Ko Wen-je remained silent on the issue involving Ma Chih-wei. | | | | 1/6 | |
| The participants in Lai Ching-te's rally were all brought in by tour buses. | | | | 1/7 | |

Graph 14: The situation of PRC state-affiliated media echoing the operations of cross-platform troll groups.

Troll Groups Information From Infodemic

This week’s report primarily focuses on the troll operations and historical behaviors of Facebook groups. AI Labs has compiled relevant information about these two troll groups on the Infodemic website, which serves as supplementary data for our analysis.

Troll Group: Facebook #61009

Facebook #61009, observed by AI Labs, is the most active troll group on Facebook, with 439 accounts participating in 4,840 stories.

| Troll Accounts | Operated stories | Target entities |
|----------------|------------------|-----------------|
| 439 | 4,840 | 2,425 |

Table 28: Summary of Facebook #61009 (from <https://infodemic.cc/collab/61009>)

Abnormal Behaviors

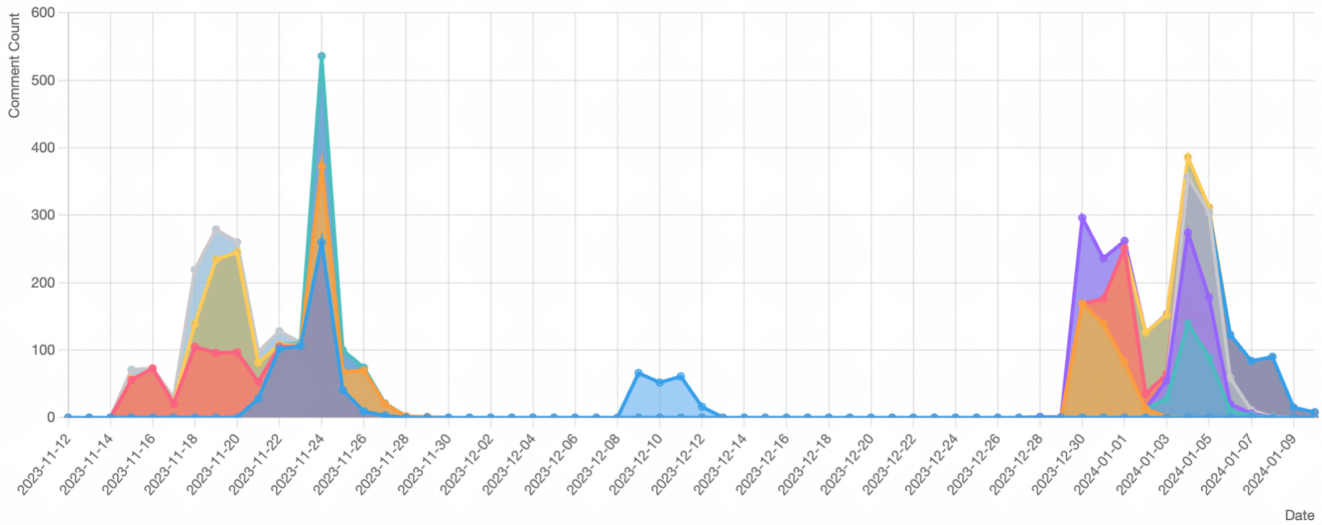
Facebook troll group #61009 began its activities on September 6, 2023, coinciding with the week Terry Gou announced his candidacy.



Operated Stories

Facebook troll group #61009 is actively involved in topics related to the Taiwan presidential election, with the five most recent events they engaged in also relating to the KMT-TPP collaboration issue. Politically, this group primarily focuses on attacking Ko Wen-je, the KMT, and

the DPP.



Graph 15: Operated stories of Facebook #61009 by timeline (from <https://infodemic.cc/collab/61009>)

| Event time (UTC+8) | Title | Community volume | Troll volume (%) |
|--------------------------------------|---|------------------|------------------|
| 2023-11-22 00:00 2023-11-24 15:28 | Newsletter / KMT-TPP Collaboration Breaking the Game? The KMT will hold its regular meeting on the morning of 11 / 24 and is expected to announce the candidate for Hou Yu-ih’s deputy | 810,254 | 14,707 (1.82%) |
| 2023-11-15 10:18 2023-11-20 10:23 | Blue and white are out of harmony? Ko Wen-che shouted: Continue to fight to the end as the TPP presidential candidate! | 727,578 | 16,146 (2.22%) |
| 2023-12-30 16:27 2024-01-02 04:10 | Emphasizing that the Constitution of the Republic of China is not a risk Tsai Ing-wen: Link with the 1992 Consensus is | 101,224 | 3,515 (3.47%) |
| 2023-11-16 02:39 2023-11-20 10:19 | Presidential and Legislative Elections Registration From Today Chu Li-lun: Blue and White are only short of the door | 445,169 | 8,669 (1.95%) |
| 2024-01-03 21:35 2024-01-03 21:35 | Hot Taiwanese girls fight back against opposition party Tsai Ing-wen: I don’t | 6,703 | 1,027 (15.32%) |

| | | | |
|--|---|--|--|
| | have big money or debt to keep children and grandchildren | | |
|--|---|--|--|

Table 29: Top 5 operated stories of Facebook #61009 (from <https://infodemic.cc/collab/61009>)

Targets of Troll Activities



Graph 16: Troll activity targets of Facebook #61009 (from <https://infodemic.cc/collab/61009>)

Troll Group: Facebook #61019

Facebook #61019 is the second most active troll group on the Facebook platform observed by AI Labs, with 170 accounts and participation in 4,804 stories.

| Troll Accounts | Operated stories | Target entities |
|----------------|------------------|-----------------|
| 170 | 4,804 | 2,800 |

Table 30: Summary of Facebook #61019 (from <https://infodemic.cc/collab/61019>)

Abnormal Behaviors

Facebook troll group #61019, also active from September 6, 2023, exhibits a significantly higher volume of comments and repeated comments compared to average users.

Comment Amount

Higher value means giving more comments.

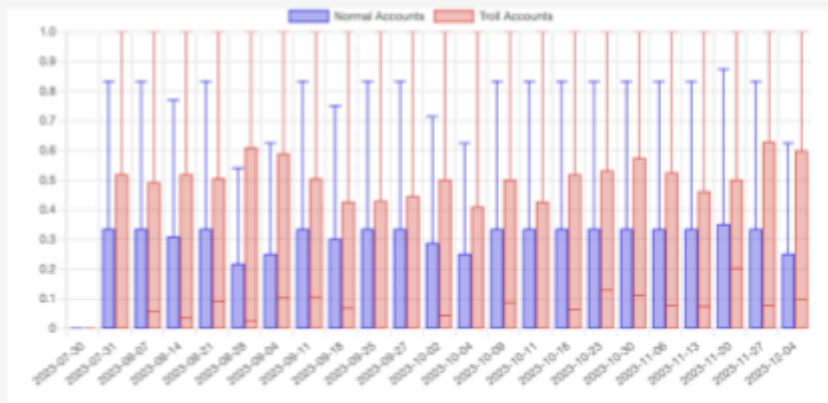
T0049
Flooding the Information Space



Repeat Commenting

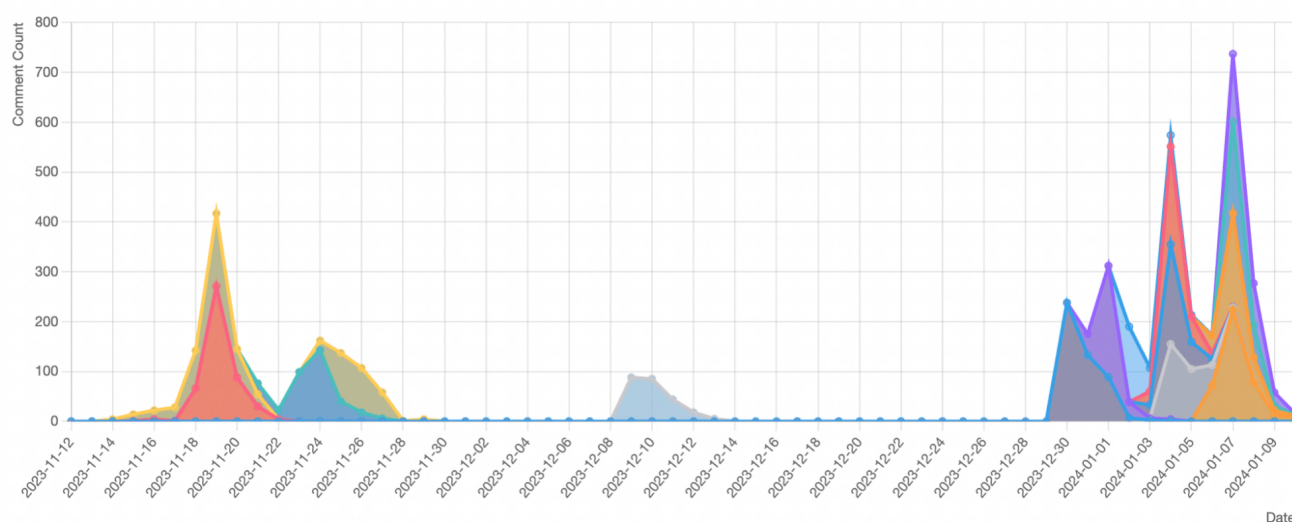
Giving similar comments on different posts, higher value means higher similarity.

T0049
Flooding the Information Space
T0121
Manipulate Platform Algorithm



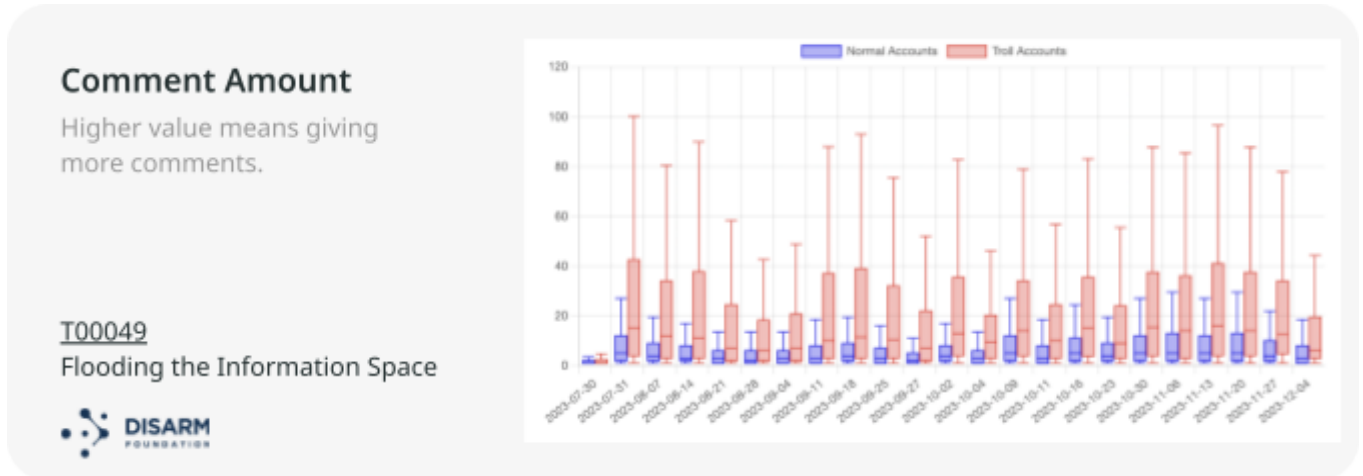
Operated Stories

Facebook troll group #61019 actively engages in topics related to the Taiwan presidential election. Among the five most recent events they participated in, four are related to the KMT-TPP collaboration issue. Politically, this group primarily targets the KMT, Ko Wen-je, and Tsai Ing-wen.



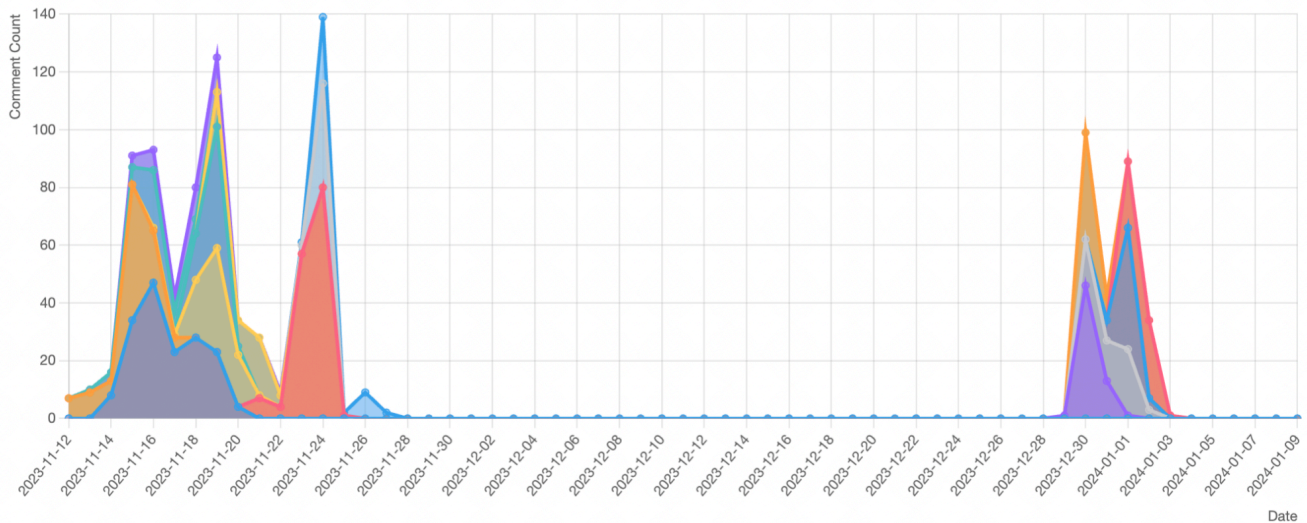
Graph 17: Operated stories of Facebook #61019 by timeline (from <https://infodemic.cc/collab/61019>)

| Event time (UTC+8) | Title | Community volume | Troll volume (%) |
|--------------------------------------|---|------------------|-------------------|
| 2023-12-30 16:27 2024-01-02 04:10 | Emphasizing that the Constitution of the Republic of China is not a risk Tsai Ing-wen: Link with the 1992 Consensus is | 101,224 | 3,515 (3.47%) |
| 2023-11-16 02:39 2023-11-20 10:19 | Presidential and Legislative Elections Registration From Today Chu Li-lun: Blue and White are only short of the door | 445,169 | 8,669 (1.95%) |
| 2024-01-06 20:25 2024-01-07 00:09 | Observation / Super weekend Lai Ching-te's energy explosion rushed to 7 games in a row! Strong support for young people | 80,795 | 2,360 (2.92%) |
| 2023-11-15 10:18 2023-11-20 10:23 | Blue and white are out of harmony? Ko Wen-che shouted: Continue to fight to the end as the TPP presidential candidate! | 749,672 | 16,156 (2.16%) |
| 2023-11-22 00:00 2023-11-24 15:28 | Newsletter / Blue and White Combined Breaking the Game? The KMT will hold its regular meeting on the morning of | 837,617 | 14,731 (1.76%) |



Operated Stories

Facebook troll group #61007 actively engages in topics related to the Taiwan presidential election. Among the five most recent events they participated in, three are related to the KMT-TPP collaboration issue. Politically, this group primarily targets the KMT and TPP.



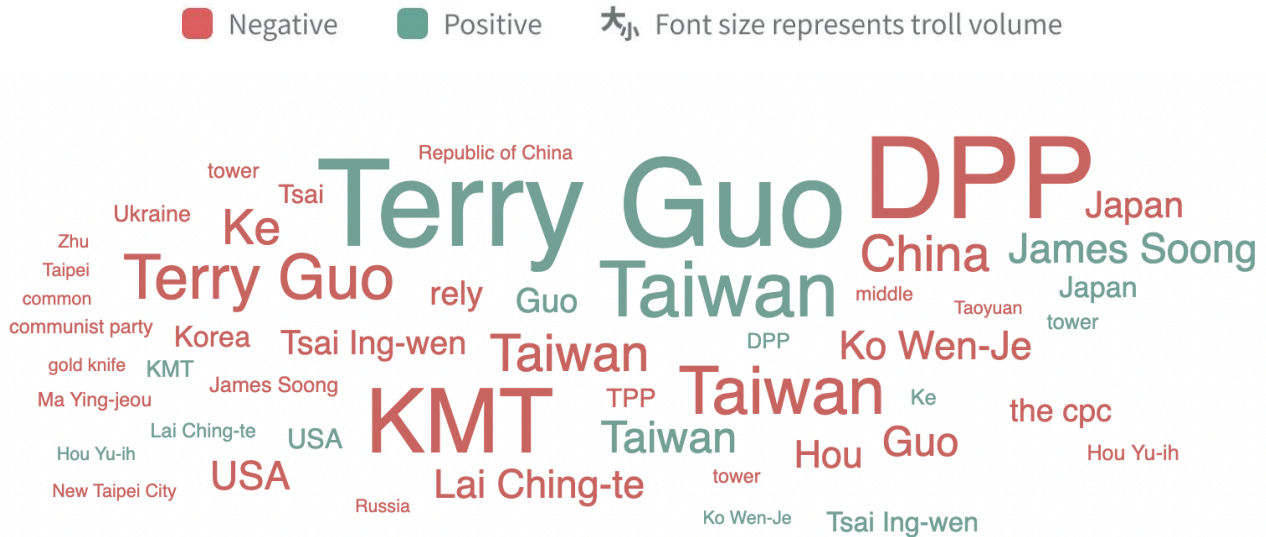
Graph 19: Operated stories of Facebook #61007 by timeline (from <https://infodemic.cc/en/collab/61007>)

| Event time (UTC+8) | Title | Community volume | Troll volume (%) |
|--------------------------------------|--|------------------|------------------|
| 2023-11-15 10:18 2023-11-20 10:23 | Blue and white are out of harmony? Ko Wen-che shouted: Continue to fight to the end as the TPP presidential candidate! | 749,672 | 16,156 (2.16%) |

| | | | |
|--------------------------------------|---|---------|-------------------|
| 2023-11-22 00:00 2023-11-24 15:28 | Newsletter / Blue and White Combined Breaking the Game? The KMT will hold its regular meeting on the morning of 11 / 24 and is expected to announce the candidate for Hou Yu-ih's deputy | 837,617 | 14,731 (1.76%) |
| 2023-11-10 12:43 2023-11-18 08:18 | Why didn't you insist on "political party support"? Hou Yu-ih made a clear statement | 372,266 | 9,578 (2.57%) |
| 2023-11-16 02:39 2023-11-20 10:19 | Presidential and Legislative Elections Registration From Today Chu Li-lun: Blue and White are only short of the door | 456,217 | 8,673 (1.90%) |
| 2023-11-15 16:02 2023-11-20 09:05 | The list of 34 members of the KMT non-regional legislators "Han Kuo-yu" is included in the medical field with 5 people! Average age 47 | 162,687 | 2,276 (1.40%) |

Table 33: Top 5 operated stories of Facebook #61007 (from <https://infodemic.cc/en/collab/61007>)

Targets of Troll Activities



Graph 20: Troll activity targets of Facebook #61007 (from <https://infodemic.cc/en/collab/61007>)

Troll Group: Facebook #61640

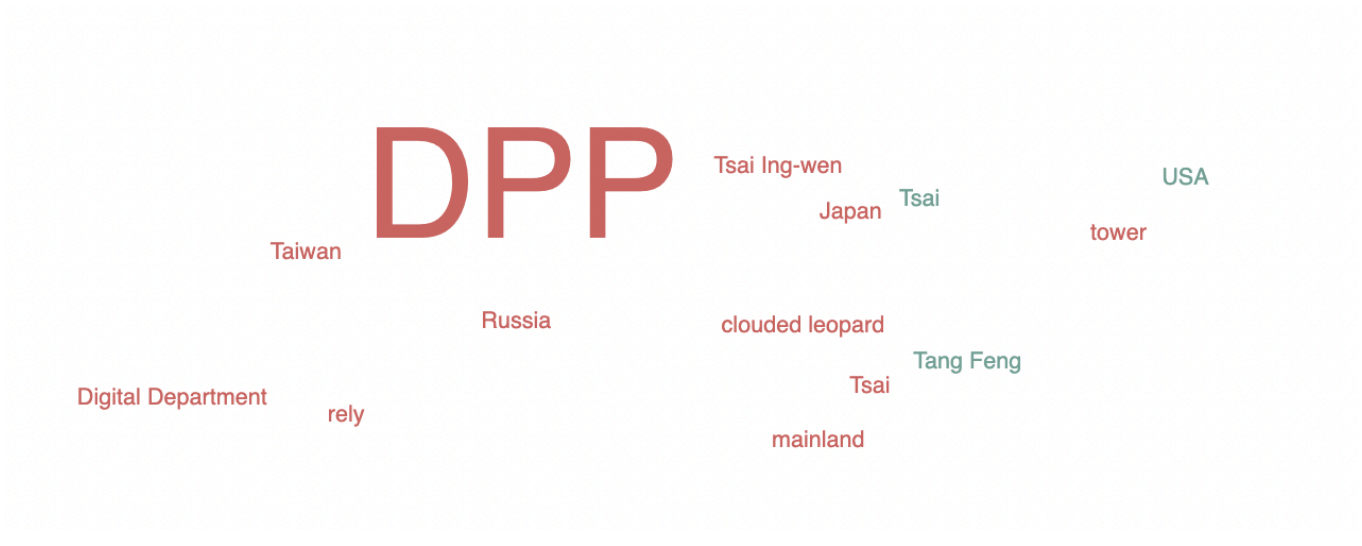
Facebook #61640 is the second most active sharing troll group on the Facebook platform observed by AI Labs, with 22 accounts and participation in 0 stories.

| Troll Accounts | Operated stories | Target entities |
|----------------|------------------|-----------------|
| 22 | 0 | 14 |

Table 34: Summary of Facebook #61640 (from <https://infodemic.cc/en/collab/61640>)

Targets of Troll Activities

■ Negative
 ■ Positive
 大, 小 Font size represents troll volume



Graph 21 : Troll activity targets of Facebook #61640 (from <https://infodemic.cc/en/collab/61640>)

Troll Group: Facebook #61352

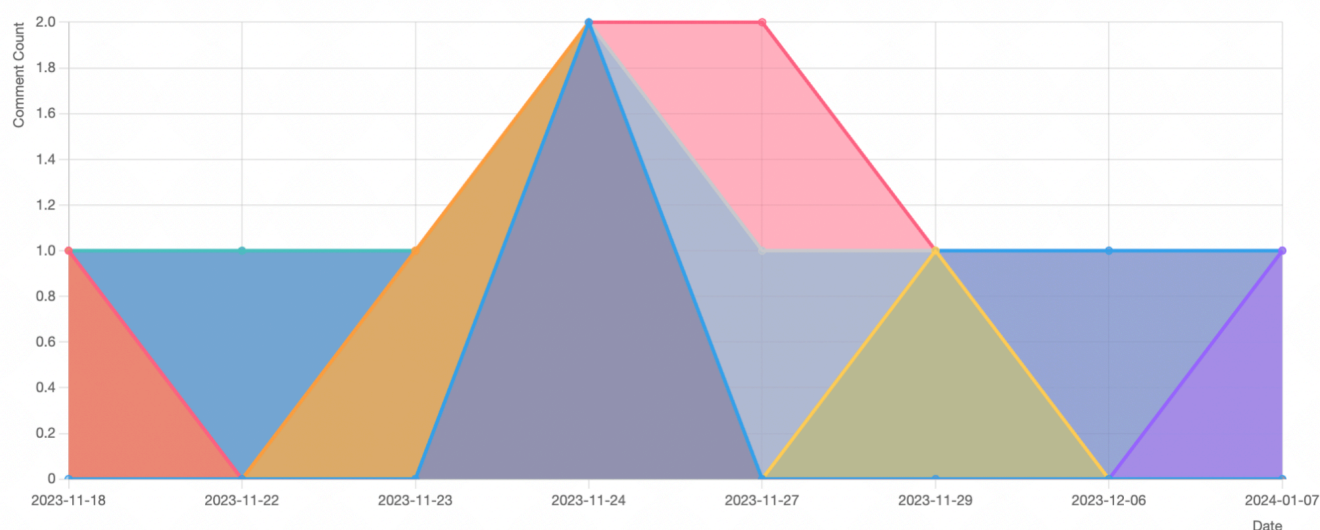
Facebook #61352 is the third most active troll group on the Facebook platform observed by AI Labs, with 30 accounts and participation in 9 stories.

| Troll Accounts | Operated stories | Target entities |
|----------------|------------------|-----------------|
| 30 | 9 | 8 |

Table 35: Summary of Facebook #61352 (from <https://infodemic.cc/en/collab/61352>)

Operated Stories

Facebook troll group #61352 actively engages in topics related to international events.



Graph 22: Operated stories of Facebook #61352 by timeline (from <https://infodemic.cc/en/collab/61352>)

| Event time (UTC+8) | Title | Community volume | Troll volume (%) |
|--------------------------------------|---|------------------|------------------|
| 2023-11-25 04:07 2023-11-25 04:07 | Hong Kong, Macao and Taiwan students participate in the burial ceremony of the remains of the martyrs of the volunteer army | 523 | 9 (1.72%) |
| 2023-11-18 10:16 2023-11-20 06:25 | Negative effect of Japan's nuclear sewage discharge into the sea, China's imports of aquatic products from Japan in October decreased by 99.3% annually | 567 | 3 (0.53%) |
| 2023-11-23 00:00 2023-11-23 02:08 | 25 Remains of Volunteer Martyrs Are Married in Korean Clothes and transported Back to China Today | 2,086 | 25 (1.20%) |
| 2023-11-29 07:38 2023-11-29 10:04 | 11 / 29 Before the market "Mobile phone demand has warmed back to 3 gears for chain chain bonus points | 35 | 1 (2.86%) |
| 2023-11-21 17:00 2023-11-21 17:00 | Yun-20 takes off and goes to South Korea to pick up heroes home | 194 | 5 (2.58%) |

Table 36: Top 5 operated stories of Facebook #61352 (from <https://infodemic.cc/en/collab/61352>)

Targets of Troll Activities



Graph 23: Troll activity targets of Facebook #61352 (from <https://infodemic.cc/en/collab/61352>)

Troll Group: PTT #60004

PTT #60004 is one of the most active troll groups on the PTT platform, comprising 156 accounts and participating in 7,876 stories.

| Troll Accounts | Operated stories | Target entities |
|----------------|------------------|-----------------|
| 156 | 7,876 | 1,079 |

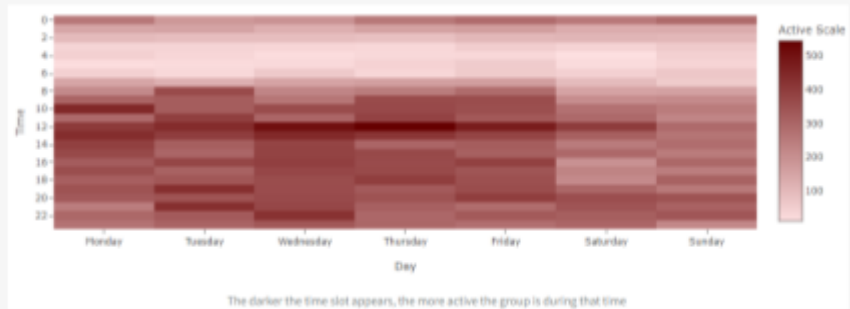
Table 37: Summary of PTT #60004 (from <https://infodemic.cc/collab/60004>)

Abnormal Behaviors

During the observation period starting in November, the PTT troll group #60004 has consistently remained active. Their operational hours coincide with standard working hours, with activity observed from 9 AM to 5 PM, Monday to Friday, and additional activity on Saturdays around noon. In relation to the number of comments, this group consistently exceeds the engagement levels of regular users.

Active Time

The darker the time slot appears, the more active the group is during that time

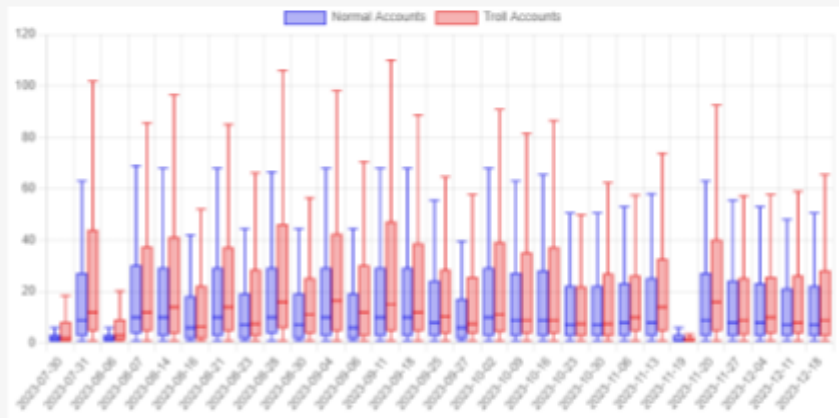


Comment Amount

Higher value means giving more comments.

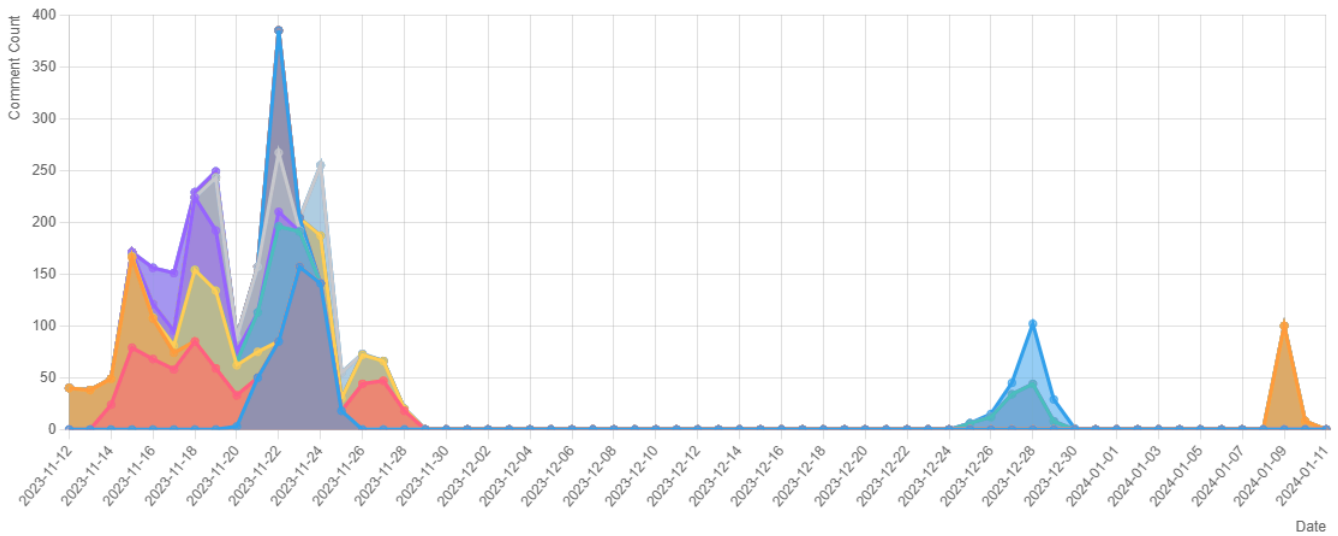
T00049

Flooding the Information Space



Operated Stories

The primary focus of PTT troll group #60004 has been on the presidential election, with the five most actively manipulated recent events relating to the KMT-TPP collaboration issues involving the KMT and the TPP.

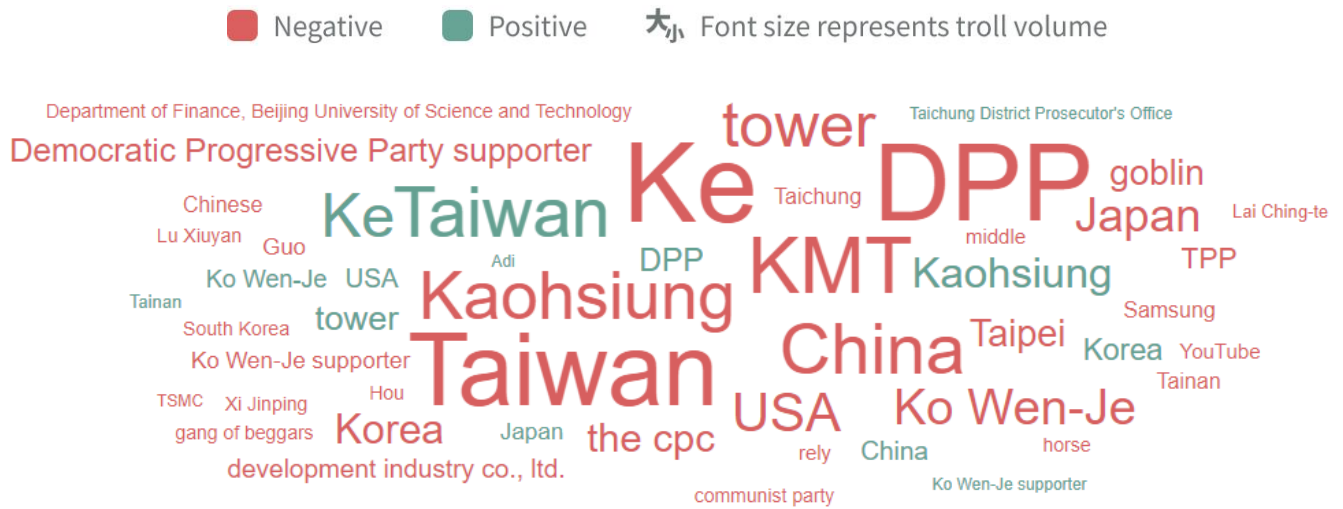


Graph 24: Operated stories of PTT #60004 by timeline (from <https://infodemic.cc/collab/60004>)

| Event time (UTC+8) | Title | Community volume | Troll volume (%) |
|--------------------------------------|--|------------------|------------------|
| 2023-11-22 00:00 2023-11-24 15:28 | Newsletter / Blue and White Combined Breaking the Game? The KMT will hold its regular meeting on the morning of 11 / 24 and is expected to announce the candidate for Hou Yu-ih’s deputy | 837,617 | 14,731 (1.76%) |
| 2023-11-15 10:18 2023-11-20 10:23 | Blue and white are out of harmony? Ko Wen-je shouted: Continue to fight to the end as the TPP presidential candidate! | 749,672 | 16,156 (2.16%) |
| 2023-11-10 12:43 2023-11-18 08:18 | Why didn’t you insist on “political party support”? Hou Yu-ih made a clear statement | 372,266 | 9,578 (2.57%) |
| 2023-11-16 02:39 2023-11-20 10:19 | Presidential and Legislative Elections Registration From Today Chu Li-lun: Blue and White are only short of the door | 456,217 | 8,673 (1.90%) |
| 2023-11-21 16:33 2023-11-22 19:38 | Gou Ke Hou’s three-person dialogue exposed! Hou Yu-ih called when Terry Gou and Ko Wen-je ate dinner... They asked Gou to be a father-in-law | 159,510 | 4,462 (2.80%) |

Table 38: Top 5 operated stories of PTT #60004 (from <https://infodemic.cc/collab/60004>)

Targets of Troll Activities



Graph 25: Troll activity targets of PTT #60004 (from <https://infodemic.cc/collab/60004>)

Troll Group: PTT #60021

PTT #60021 is one of the most active troll groups on the PTT platform, comprising 20 accounts and participating in 4,380 stories.

| Troll Accounts | Operated stories | Target entities |
|----------------|------------------|-----------------|
| 20 | 4,380 | 658 |

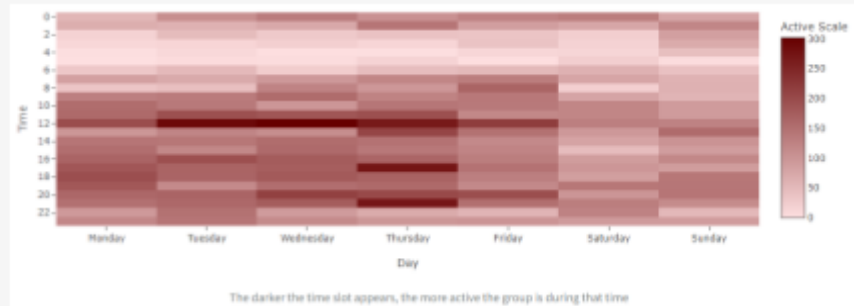
Table 39: Summary of PTT #60021 (from <https://infodemic.cc/collab/60021>)

Abnormal Behaviors

During the observation period commencing in November, PTT troll group #60021 has displayed consistent activity. Their active hours are concentrated around noon from Tuesday to Friday. In terms of the number of comments and repeated comments, this group far exceeds the activity of regular users. Additionally, they strategically enter threads early to promote posts, ensuring the narratives they want to manipulate are more visible.

Active Time

The darker the time slot appears, the more active the group is during that time



Comment Amount

Higher value means giving more comments.

T00049

Flooding the Information Space



Repeat Commenting

Giving similar comments on different posts, higher value means higher similarity.

T0049

Flooding the Information Space

T0121


Manipulate Platform Algorithm

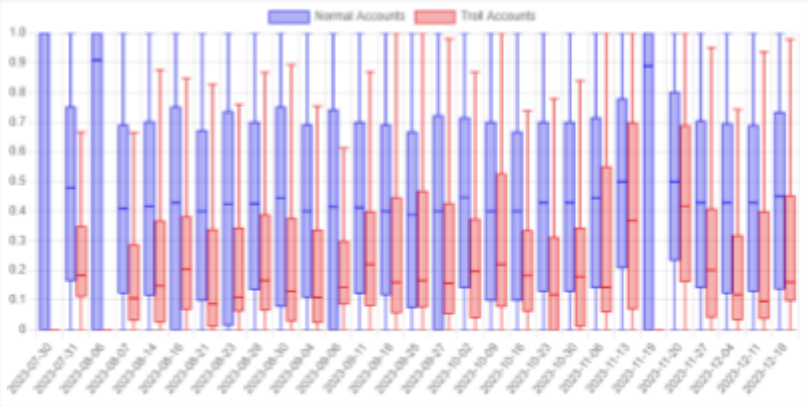


First Commenting to Lead the Topic

Be the first commenter on different posts, to lead the discussion topics of the posts.

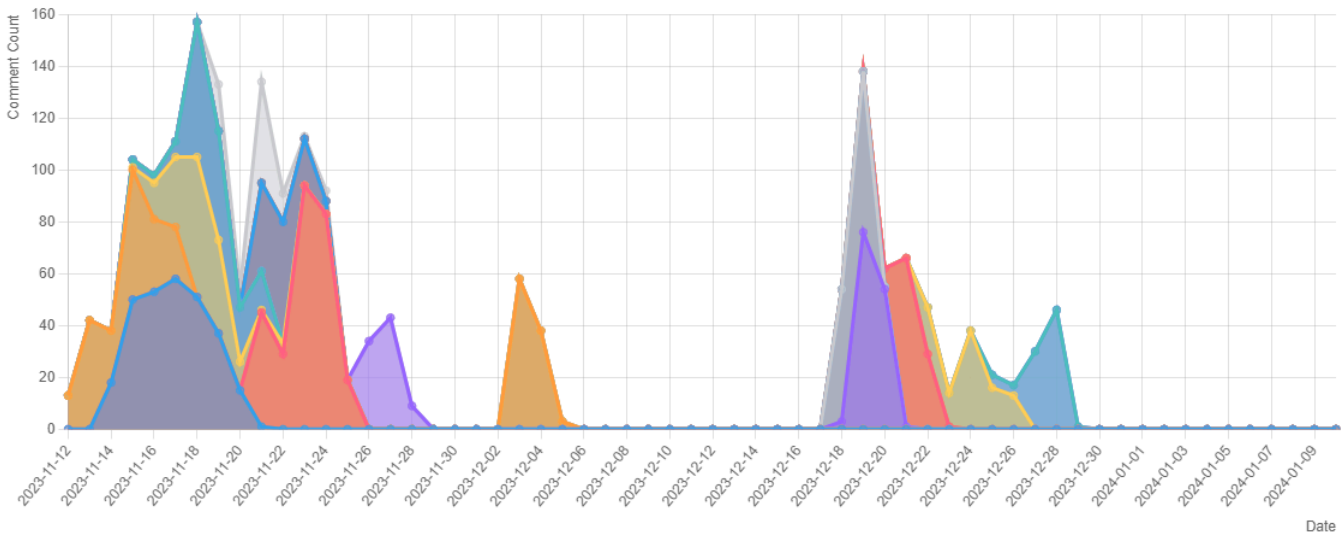
T0023.001
Reframe Context





Operated Stories

The primary focus of PTT troll group #60021 has been on the presidential election, with the five most actively manipulated recent events relating to the KMT-TPP collaboration issues involving the KMT and the TPP.



Graph 26: Operated stories of PTT #60021 by timeline (from <https://infodemic.cc/collab/60021>)

| Event time (UTC+8) | Title | Community volume | Troll volume (%) |
|--------------------------------------|--|------------------|------------------|
| 2023-11-15 10:18 2023-11-20 10:23 | Blue and white are out of harmony? Ko Wen-je shouted: Continue to fight to the | 749,672 | 16,156 (2.16%) |

| | | | |
|--------------------------------------|--|---------|----------------|
| | end as the TPP presidential candidate! | | |
| 2023-11-22 00:00 2023-11-24 15:28 | Newsletter / Blue and White Combined Breaking the Game? The KMT will hold its regular meeting on the morning of 11 / 24 and is expected to announce the candidate for Hou Yu-ih’s deputy | 837,617 | 14,731 (1.76%) |
| 2023-11-10 12:43 2023-11-18 08:18 | Why didn’t you insist on “political party support”? Hou Yu-ih made a clear statement | 372,266 | 9,578 (2.57%) |
| 2023-11-15 15:42 2023-11-22 15:35 | Ko Wen-je blasted “Let 6%” is too ridiculous! Hou Yu-ih: Shoulder to bear | 283,385 | 7,789 (2.75%) |
| 2023-11-16 02:39 2023-11-20 10:19 | Presidential and Legislative Elections Registration From Today Chu Li-lun: Blue and White are only short of the door | 456,217 | 8,673 (1.90%) |

Table 40: Top 5 operated stories of PTT #60021 (from <https://infodemic.cc/collab/60021>)

Targets of Troll Activities

■ Negative
 ■ Positive
 大小, Font size represents troll volume



Graph 27: Troll activity targets of PTT #60021 (from <https://infodemic.cc/collab/60021>)

Troll Group: Tiktok #74001

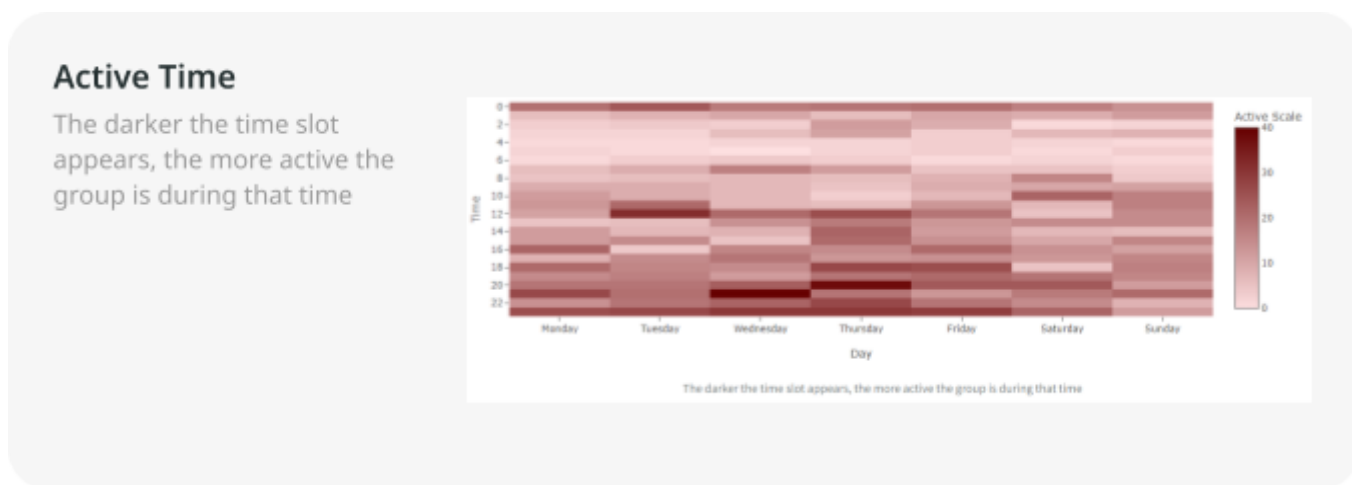
Tiktok #74001 is one of the most active troll groups on the Tiktok platform, comprising 55 accounts and participating in 247 stories.

| Troll Accounts | Operated stories | Target entities |
|----------------|------------------|-----------------|
| 55 | 247 | 102 |

Table 41: Summary of Tiktok #74001 (from <https://infodemic.cc/collab/74001>)

Abnormal Behaviors

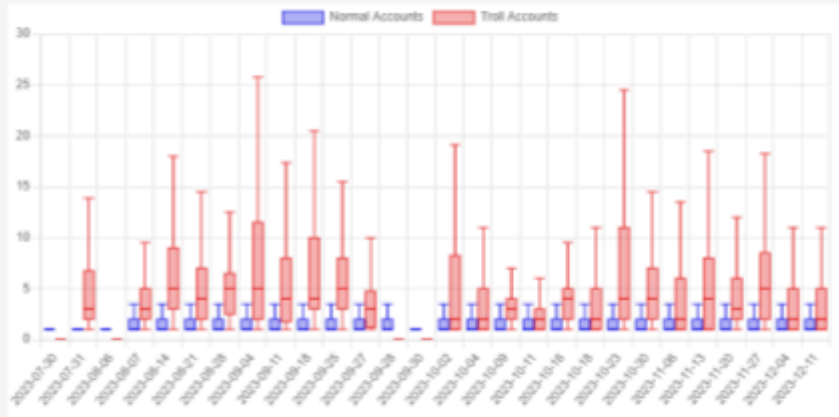
During the observation period starting in November, the TikTok troll group #74001 has exhibited consistent activity. They are particularly active on Tuesday at noon, as well as on Wednesday and Thursday from 8 to 9 PM. In terms of both the quantity and repetition of comments, this group surpasses the activity of regular users.



Comment Amount

Higher value means giving more comments.

T0049
Flooding the Information Space



Repeat Commenting

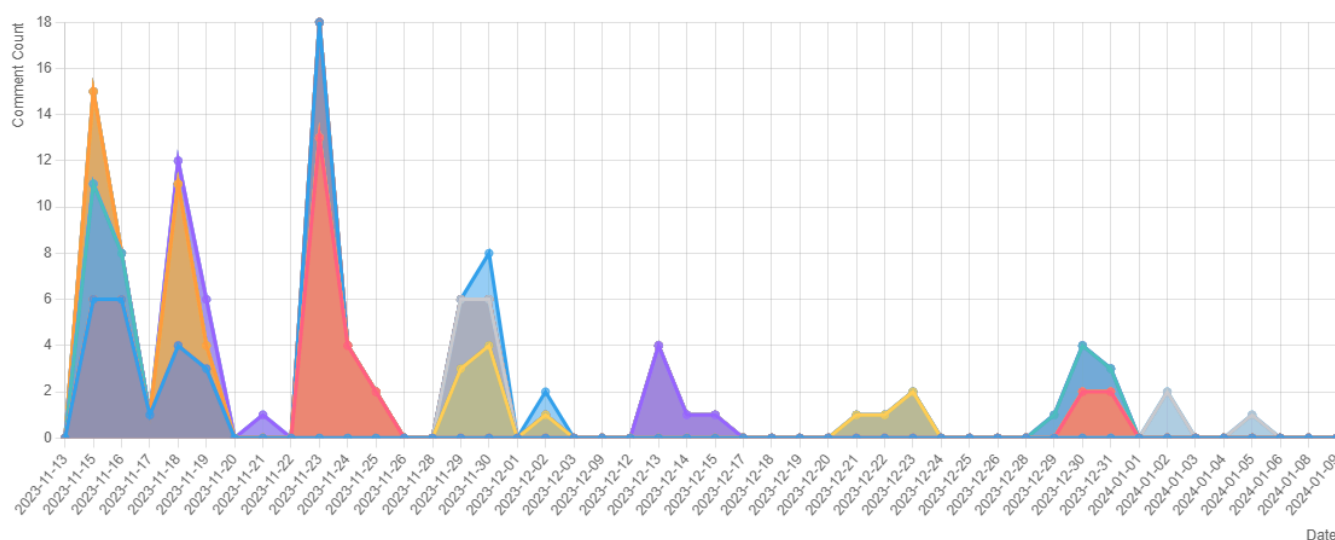
Giving similar comments on different posts, higher value means higher similarity.

T0049
Flooding the Information Space
T0121
Manipulate Platform Algorithm



Operated Stories

The primary focus of Tiktok troll group #74001 has been on the presidential election, with the five most actively manipulated recent events relating to the KMT-TPP collaboration issues involving the KMT and the TPP.



Graph 28: Operated stories of Tiktok #74001 by timeline (from <https://infodemic.cc/collab/74001>)

| Event time (UTC+8) | Title | Community volume | Troll volume (%) |
|--------------------------------------|--|------------------|------------------|
| 2023-11-15 10:18 2023-11-20 10:23 | Blue and white are out of harmony? Ko Wen-je shouted: Continue to fight to the end as the TPP presidential candidate! | 749,672 | 16,156 (2.16%) |
| 2023-11-22 00:00 2023-11-24 15:28 | Newsletter / Blue and White Combined Breaking the Game? The KMT will hold its regular meeting on the morning of 11 / 24 and is expected to announce the candidate for Hou Yu-ih's deputy | 837,617 | 14,731 (1.76%) |
| 2023-11-15 15:42 2023-11-22 15:35 | Ko Wen-je blasted "Let 6%" is too ridiculous! Hou Yu-ih: Shoulder to bear | 283,385 | 7,789 (2.75%) |
| 2023-11-29 23:56 2023-11-29 23:56 | Went to Taoyuan to register for Lai Hsiang-ling Wu Hsin-ying's first auxiliary choice of chicks | 10,595 | 487 (4.60%) |
| 2023-11-10 12:43 2023-11-18 08:18 | Why didn't you insist on "political party support"? Hou Yu-ih made a clear statement | 372,266 | 9,578 (2.57%) |

Table 42: Top 5 operated stories of Tiktok #74001 (from <https://infodemic.cc/collab/74001>)

Targets of Troll Activities



Graph 29: Troll activity targets of Tiktok #74001 (from <https://infodemic.cc/collab/74001>)

Troll Group: Tiktok #74034

Tiktok #74034 is one of the most active troll groups on the Tiktok platform, comprising three accounts and participating in 190 stories.

| Troll Accounts | Operated stories | Target entities |
|----------------|------------------|-----------------|
| 3 | 190 | 13 |

Table 43: Summary of Tiktok#74034 (from <https://infodemic.cc/collab/74034>)

Abnormal Behaviors

During the observation period starting in November, the TikTok troll group #74034 has exhibited consistent activity. Their peak activity hours are concentrated around midday on weekdays, specifically around 12:00 PM, which includes Monday through Friday.

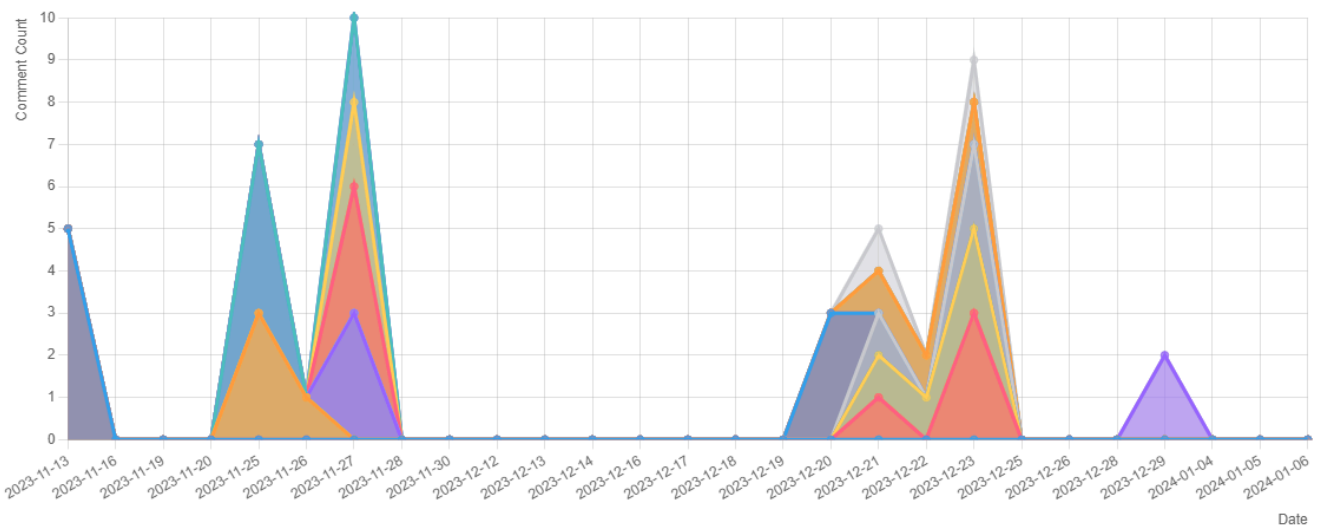
Active Time

The darker the time slot appears, the more active the group is during that time



Operated Stories

The primary focus of TikTok troll group #74034 has been in the presidential election, with the five most actively manipulated recent events relating to the KMT-TPP collaboration issues involving the KMT and the TPP.



Graph 30: Operated stories of Tiktok #74034 by timeline (from <https://infodemic.cc/collab/74034>)

| Event time (UTC+8) | Title | Community volume | Troll volume (%) |
|--------------------|---|------------------|------------------|
| 2023-11-10 12:43 | Why didn't you insist on "political party | 372,266 | 9,578 |

| | | | |
|--------------------------------------|--|---------|----------------|
| 2023-11-18 08:18 | support"? Hou Yu-ih made a clear statement | | (2.57%) |
| 2023-12-20 09:12 2023-12-21 11:12 | Political Opinion Conference Focuses on "3 Major Themes" Ko Wen-je: Blue and Green scolding each other will not help Taiwan | 42,677 | 996 (2.33%) |
| 2023-11-22 00:00 2023-11-24 15:28 | Newsletter / Blue and White Combined Breaking the Game? The KMT will hold its regular meeting on the morning of 11 / 24 and is expected to announce the candidate for Hou Yu-ih's deputy | 837,617 | 14,731 (1.76%) |
| 2023-12-21 09:42 2023-12-22 15:18 | The picture of Ko Wen-je's political meeting disappeared for 44 seconds. People's view: There is no need to cut it maliciously | 132,528 | 3,029 (2.29%) |
| 2023-11-25 08:50 2023-11-25 16:20 | Hou Yu-ih questioned Ko Wen-je's integrity again, Ke Ban: Brothers work hard on mountaineering | 32,531 | 1,217 (3.74%) |

Table 44: Top 5 operated stories of Tiktok #74034 (from <https://infodemic.cc/collab/74034>)

Targets of Troll Activities



Graph 31: Troll activity targets of Tiktok#74034 (from <https://infodemic.cc/collab/74034>)

References

- This report used data and tools in <https://infodemic.cc>
- How does the system work <https://infodemic.cc/en/faq>
- DISARM Disinformation Analysis and Risk Management is an open-source framework designed for describing and understanding the behavior parts of FIMI/disinformation. It sets out best practices for fighting disinformation through sharing data & analysis, and can inform effective action. The Framework has been developed, drawing on global cybersecurity best practices. <https://www.disarm.foundation/>