



## 1. BotBuster Core

Mixture-of-Experts bot detector for Twitter, Reddit, Instagram



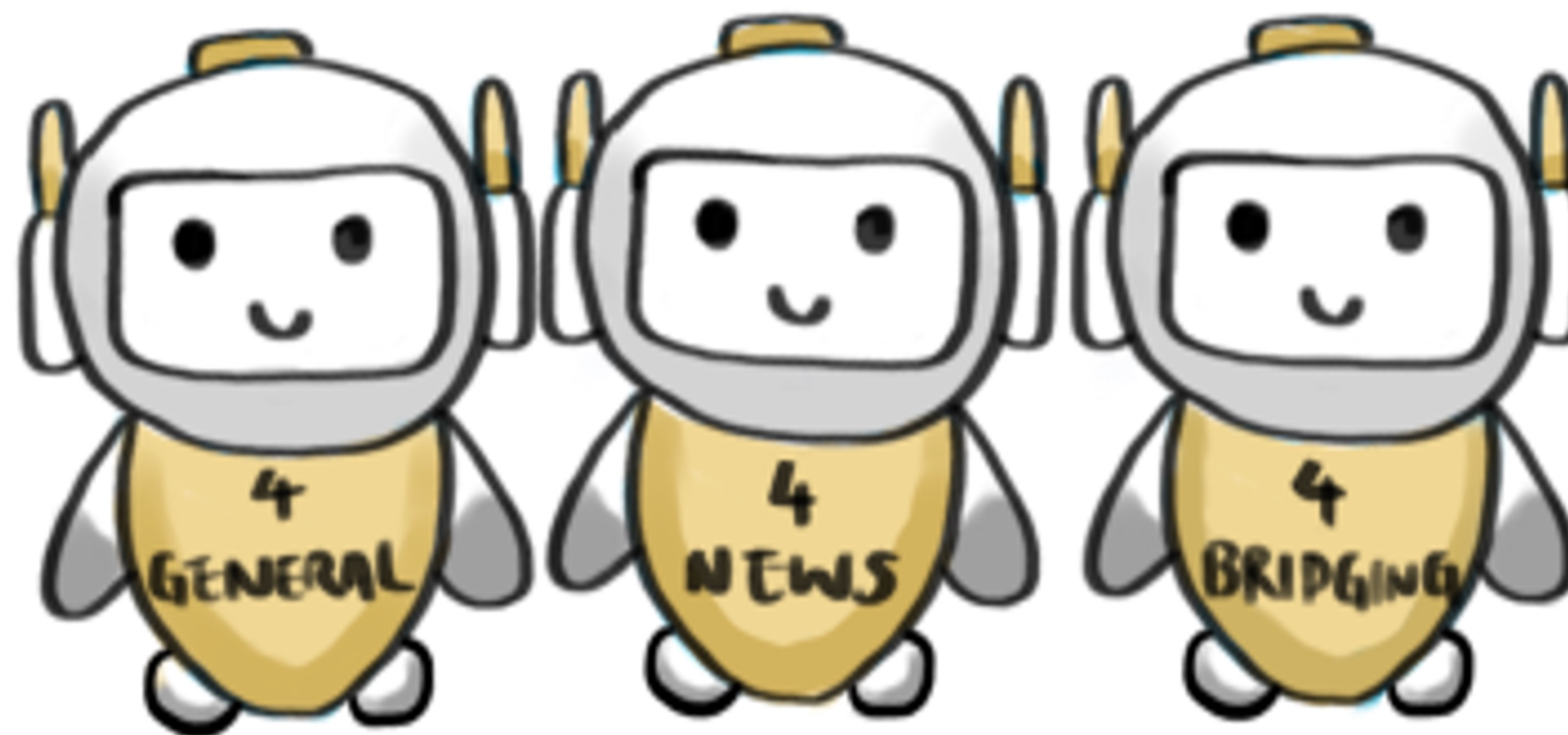
## 2. BotBuster-Telegram

Bot detector for Telegram  
*Bots sustain conversations, Human disseminate disinformation across Telegram channels*



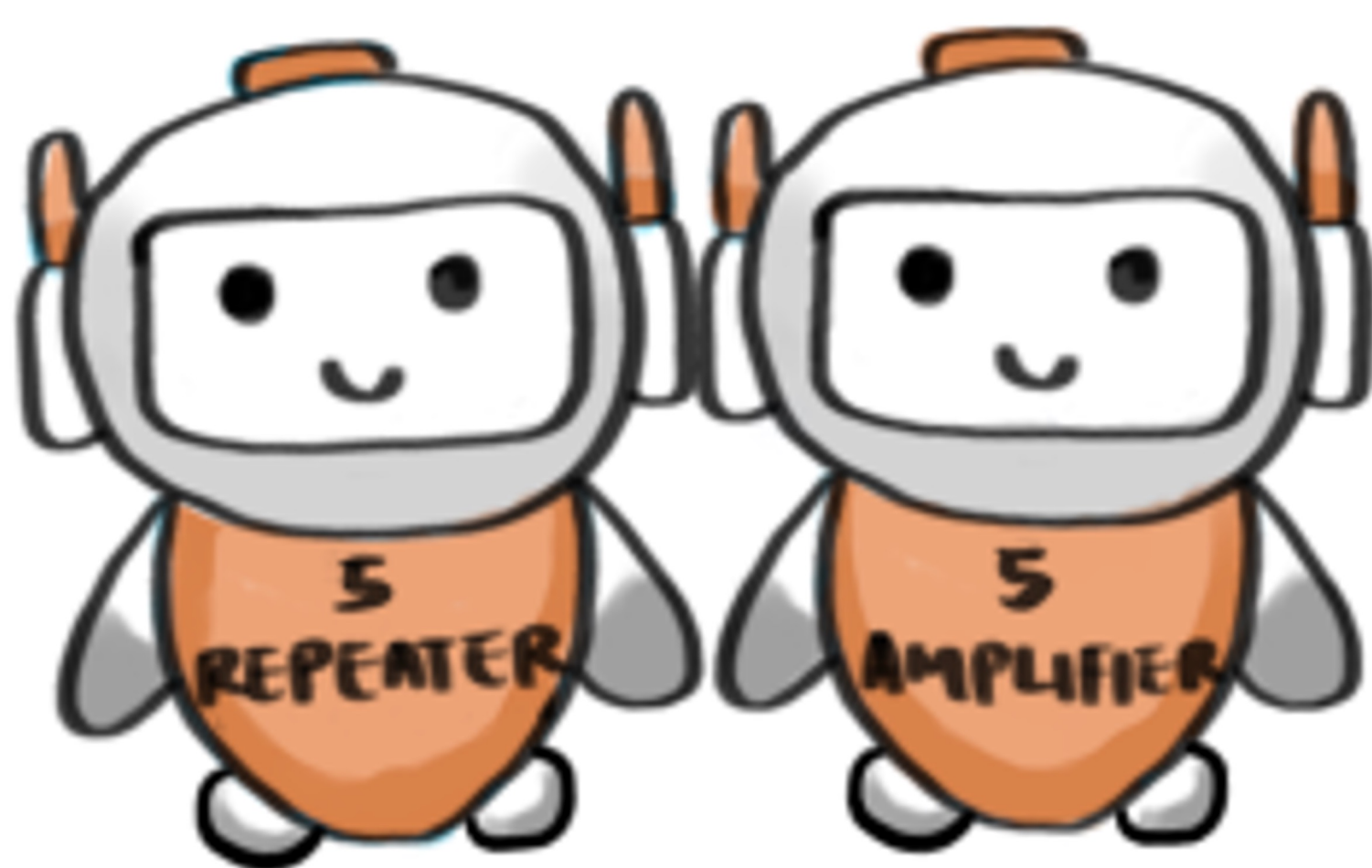
## 3. Cyborgs

Half-human, half-bots  
*Used by public figures and activists  
Have long life spans*



## 4. General, News, Bridging Bots

General Bots: Naively detected by bot detector  
News Bots: Disseminate or aggregate news  
Bridging Bots: Straddle two communities  
*All are found in conversations of different cultures*



## 5. Repeater, Amplifier Bots

Repeater Bots: Incessantly repeat the same messages among themselves  
Amplifier Bots: Incessantly repeating other users' messages  
*Leverage the Illusory Truth Effect cognitive bias, where people prioritize familiarity over facts. Through excessive message repetition, users are more inclined to believe the information*



## 6. Synchronized Bots

Bots that work together to push an agenda  
*Bot-Human pairs have higher synchronization than Bot-Bot pairs in activist conversations, showing concerning interactions and influence of bots*



## 7. Social Influence

User susceptibility to stance dynamics, integrating influence from past writing and network  
*Bots have lower social influence, and are more prone to change stances to blend into the neighboring crowd*



## 8. Influence Maneuvers

Bots use more influence maneuvers (BEND framework) than humans  
*Bots are more active as anti-vaccine superspreaders than pro-vaccine in covid discussion*

