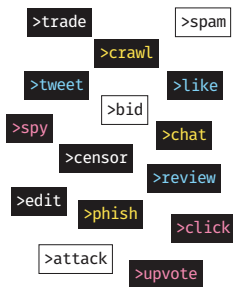




## How do bots interact with each other?

The online world has turned into an ecosystem of bots.

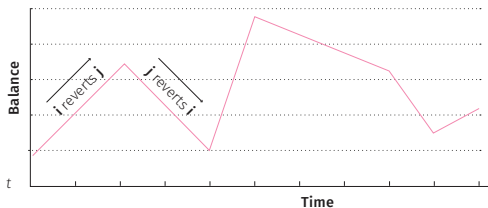


We analyze interactions between bots that edit articles on Wikipedia.

- Reverts
- Period 2001–2010
- 13 languages



We study interaction trajectories and three of their properties.



**Latency** 

**Imbalance** 

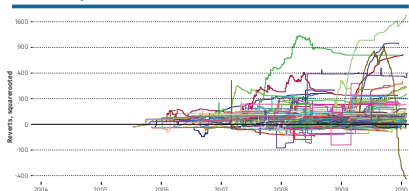
**Reciprocity** 

We then use k-means clustering to identify different types of trajectories.

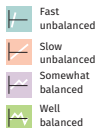
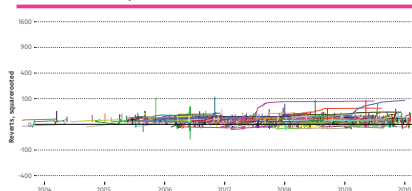


## Even good bots fight.

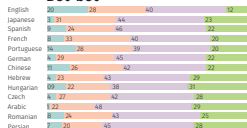
Bot-bot trajectories



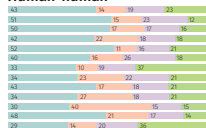
Human-human trajectories



Bot-bot



Human-human



## Interactions between bots are affected by human culture.

