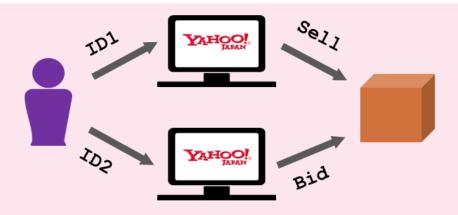
## Result

## D01: ANALYSIS OF FRAUDULENT BIDDERS' BEHAVIORS

Phiradet Bangcharoensap<sup>1</sup>, Hayato Kobayashi<sup>2</sup>, Nobuyuki Shimizu<sup>2</sup>, and Satoshi Yamauchi<sup>2</sup>

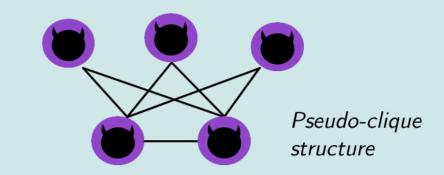
<sup>1</sup>Tokyo Institute of Technology, <sup>2</sup>Yahoo Japan Corporation

## **Definition**

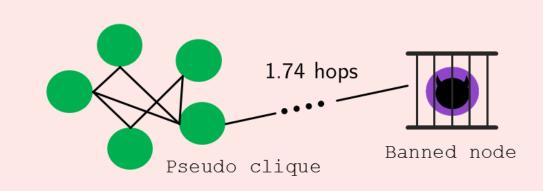


Sellers who bid in their product, as a bidder, to drive up the final price.

## **Hypothesis**



Fraudsters frequently bid only in auctions hosted by particular sellers



Nodes appearing in a *pseudo* clique can reach the nearest banned node in a statistically significant shorter pace.