

# Trust Game



PRIFYSGOL  
BANGOR  
UNIVERSITY

Trust is an especially important element of transactions, and they are usually used as an important reference basis for choosing the size of investment. The project will visualize the degree of trust between both parties in the form of charts. The result will be a simple trust analysis diagram and how it changes.

## TECHNOLOGY

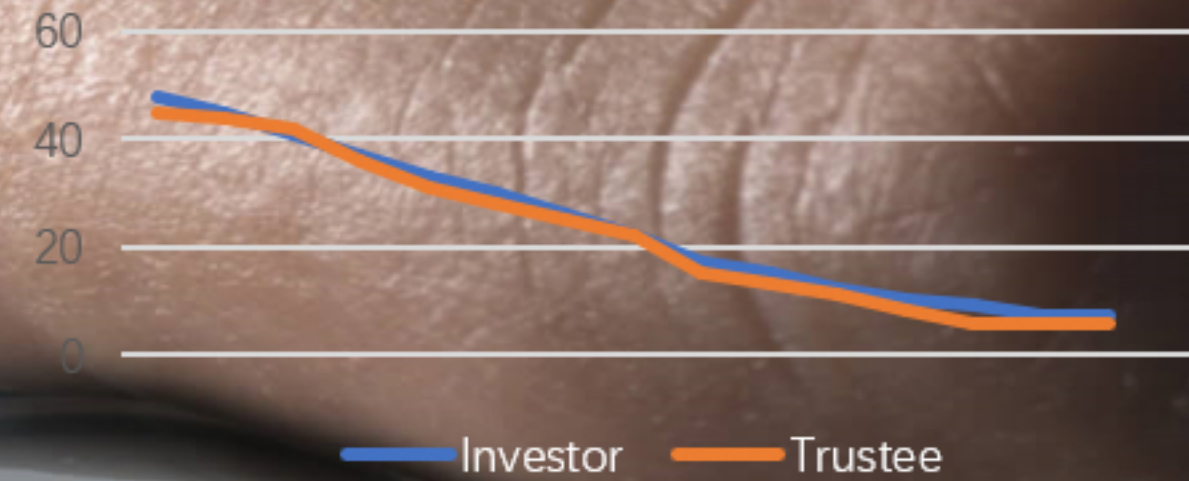
Our main editing software this time is java. The main function is ArrayList, which is used for statistics and comparison.



## Result

The greatest impact on the trust relationship between Investor and Trustee is the level of punishment for dishonesty. Second, the comparison model will also have a decisive impact.

Fine=0  
population=1000



Generally speaking, the higher the punishment for dishonesty, the higher the trust between both parties, and vice versa, the lower the trust between the two parties. However, if you set a high penalty to Trustee alone, the trust of both sends will increase. On the contrary, if you only set a high penalty to Investor, then Trustee will still less and less have the same attitude towards Investor's high trust.

Li Fan  
Supervisor: IK Soo Lim

