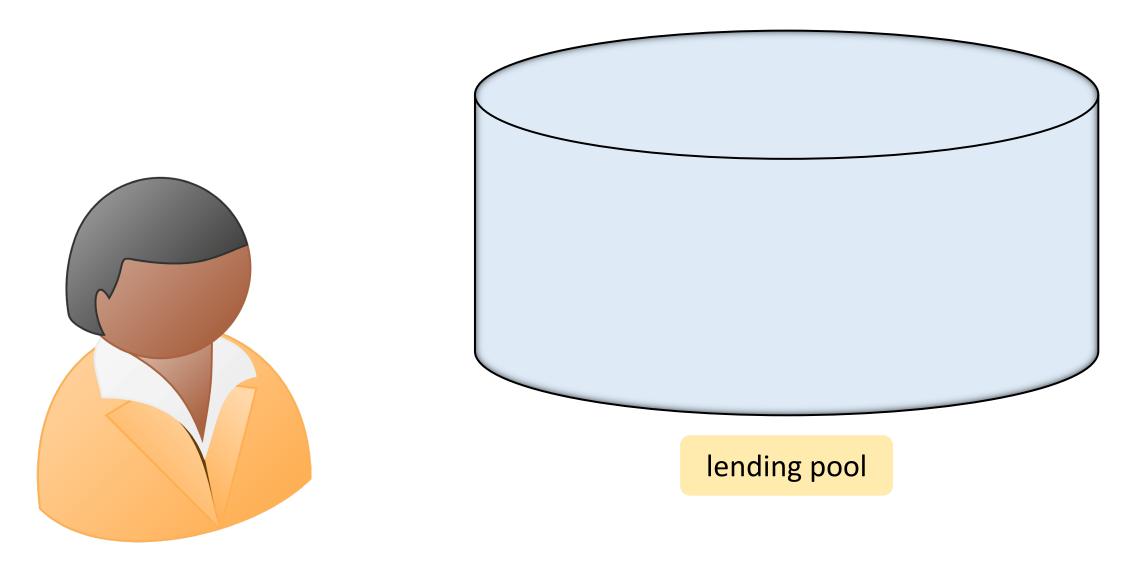
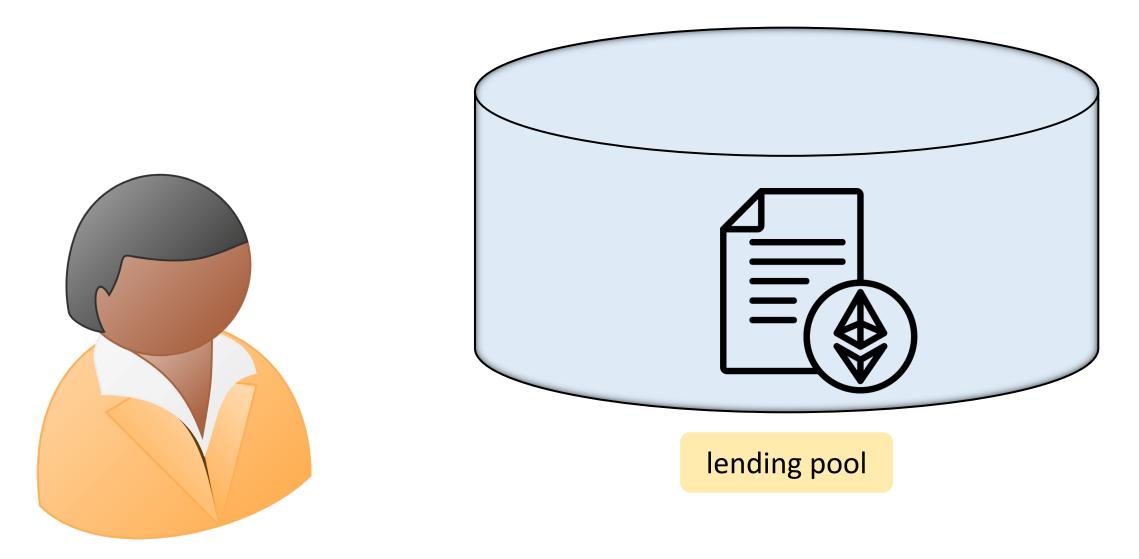
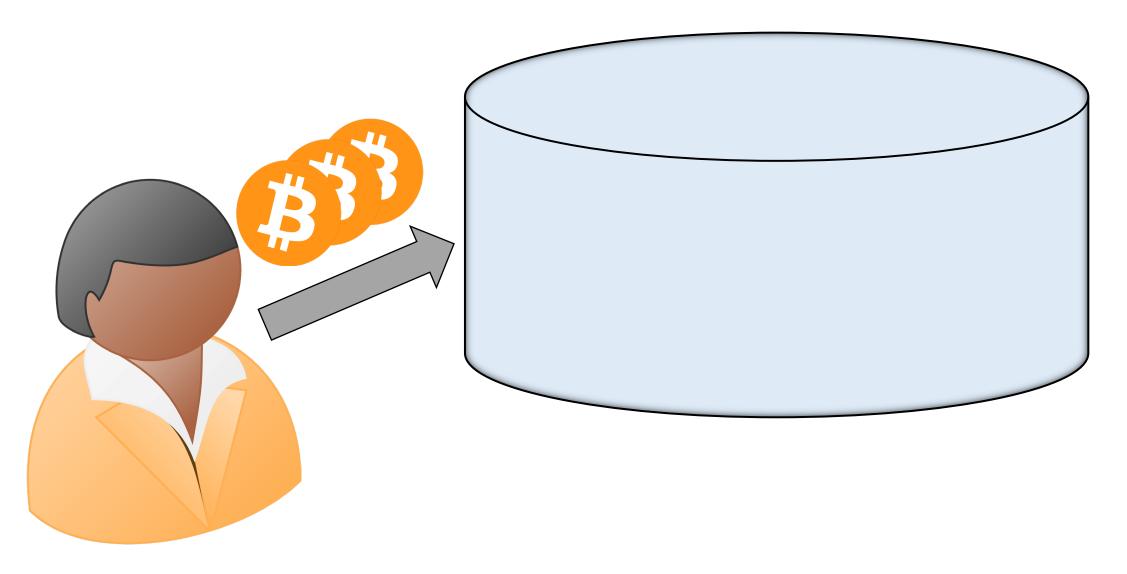
## Short Squeeze in DeFi Lending Market: Decentralization in Jeopardy?

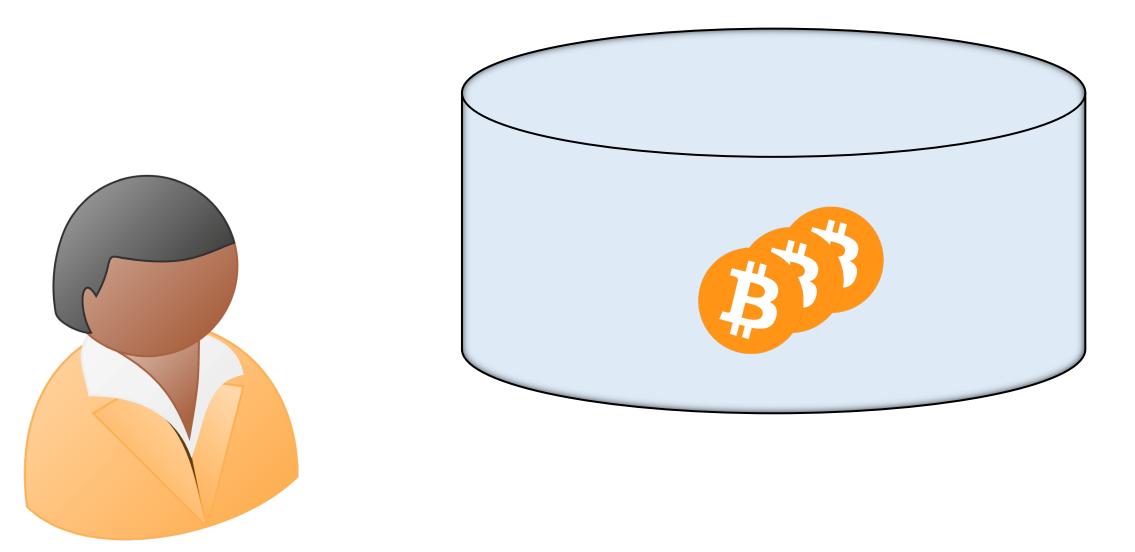
The 3rd Workshop on Decentralized Finance (DeFi) Lioba Heimbach, Eric Schertenleib and Roger Wattenhofer ETH Zurich – Distributed Computing – www.disco.ethz.ch

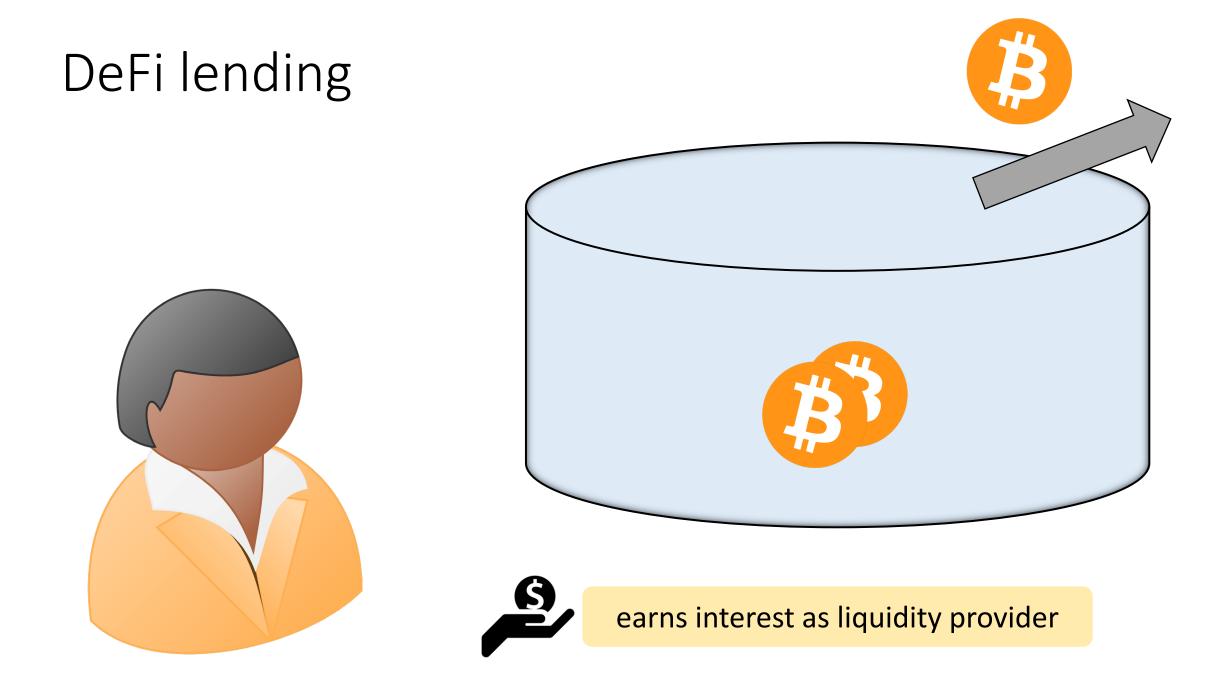


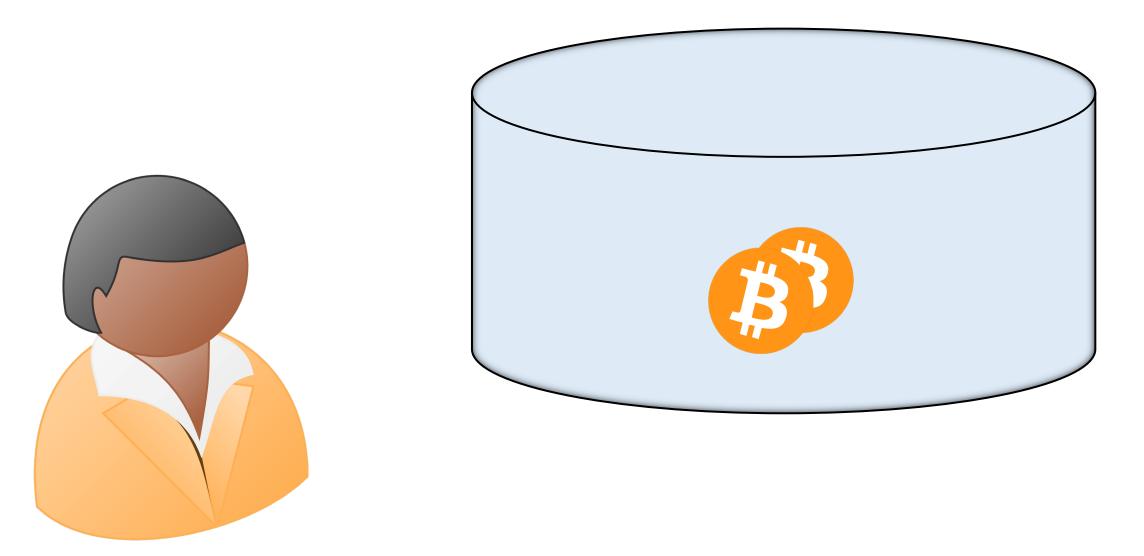


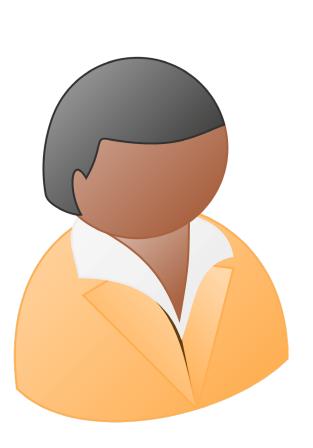


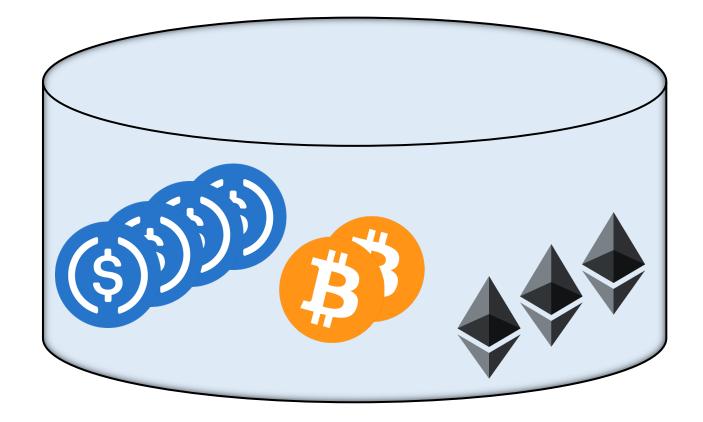




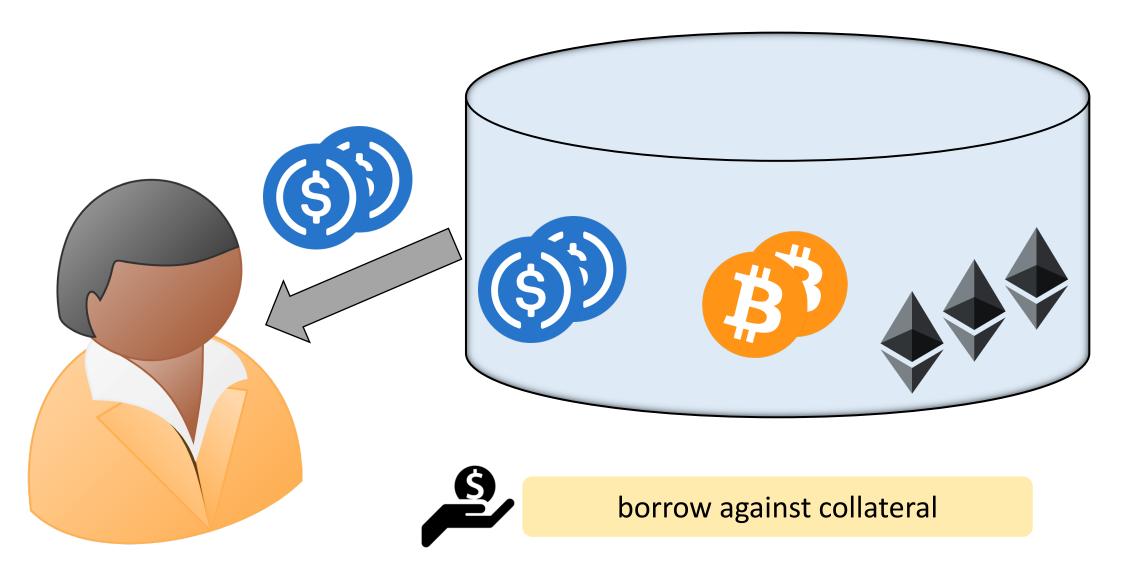


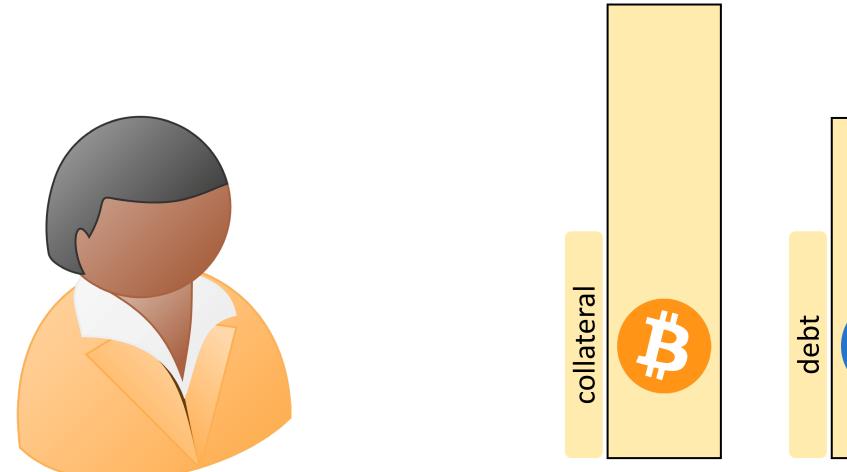


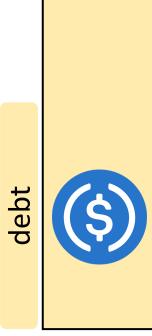


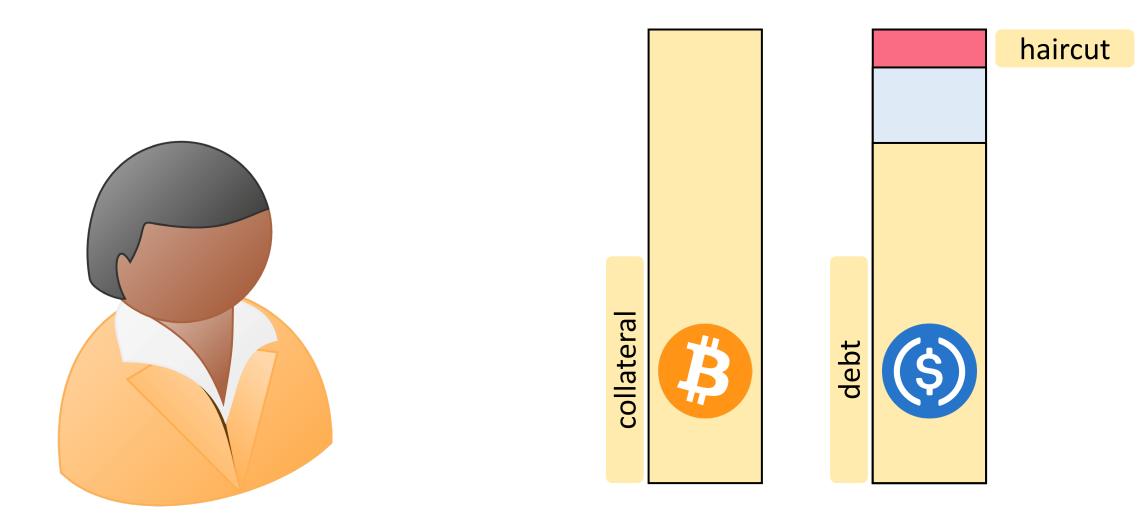


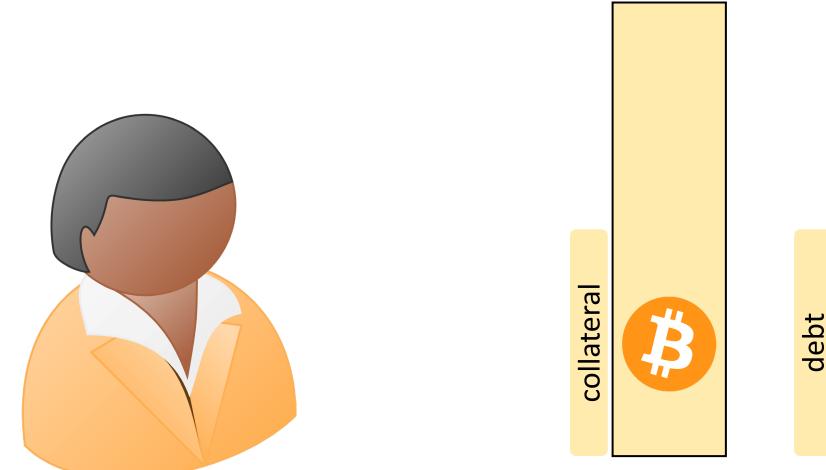


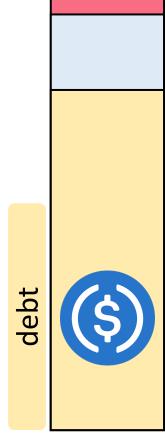


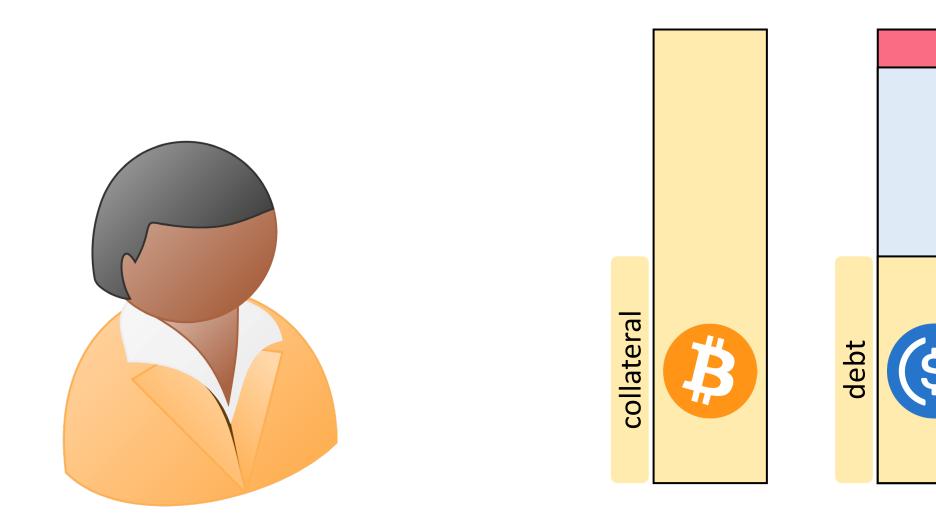


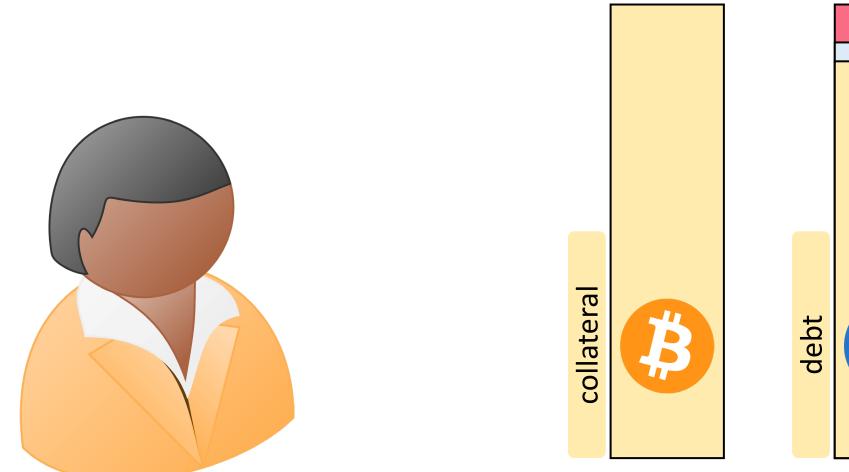


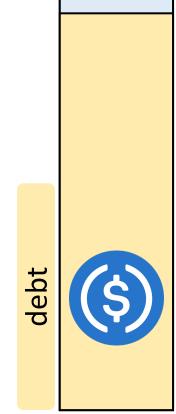






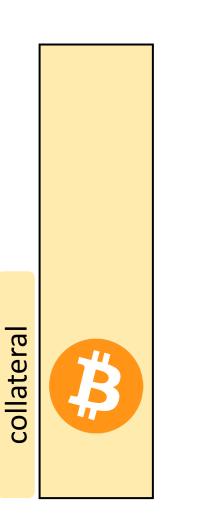


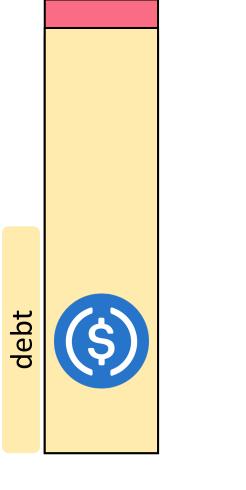




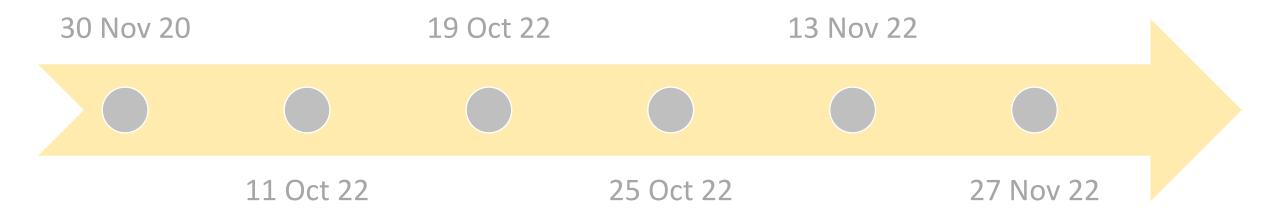


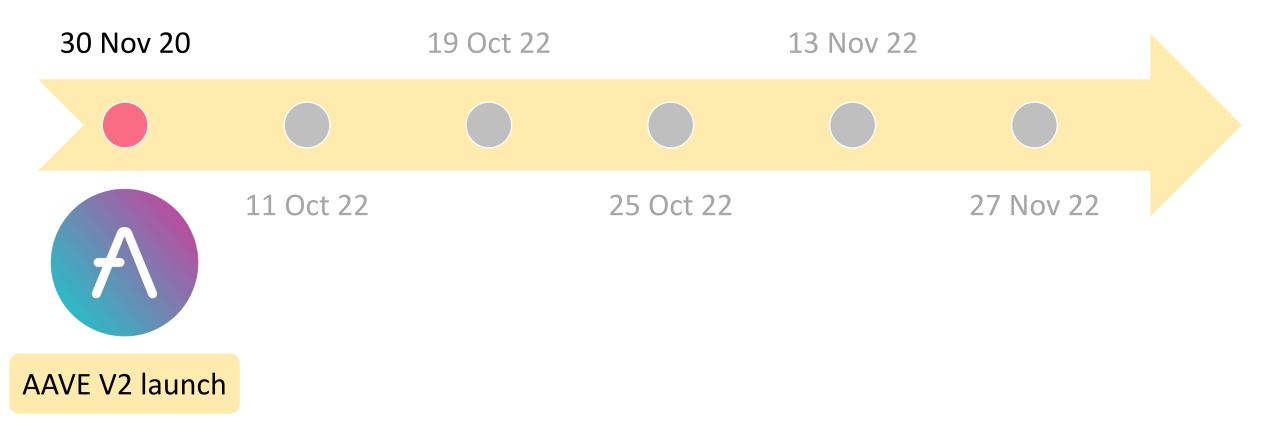


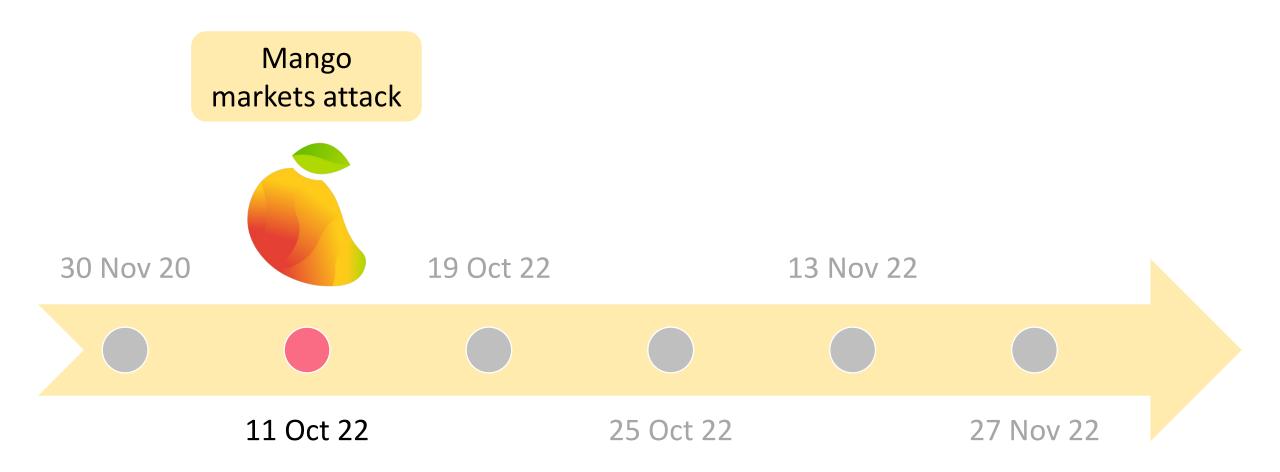




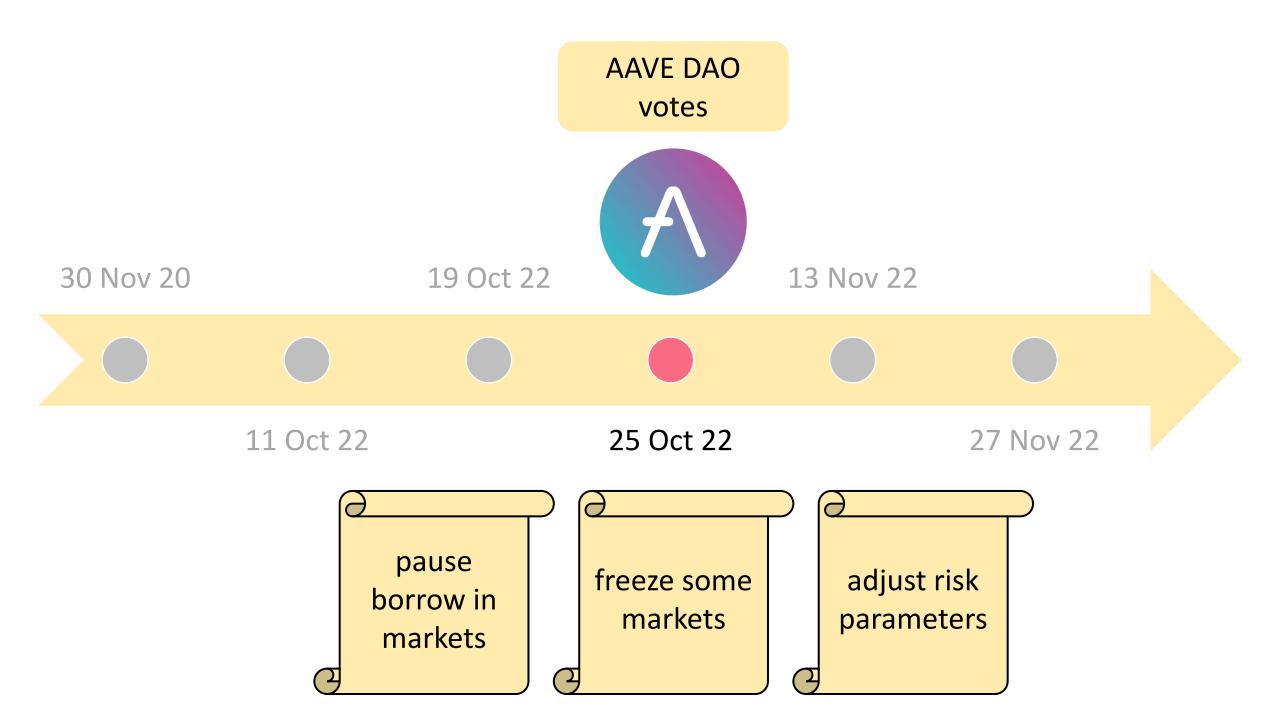
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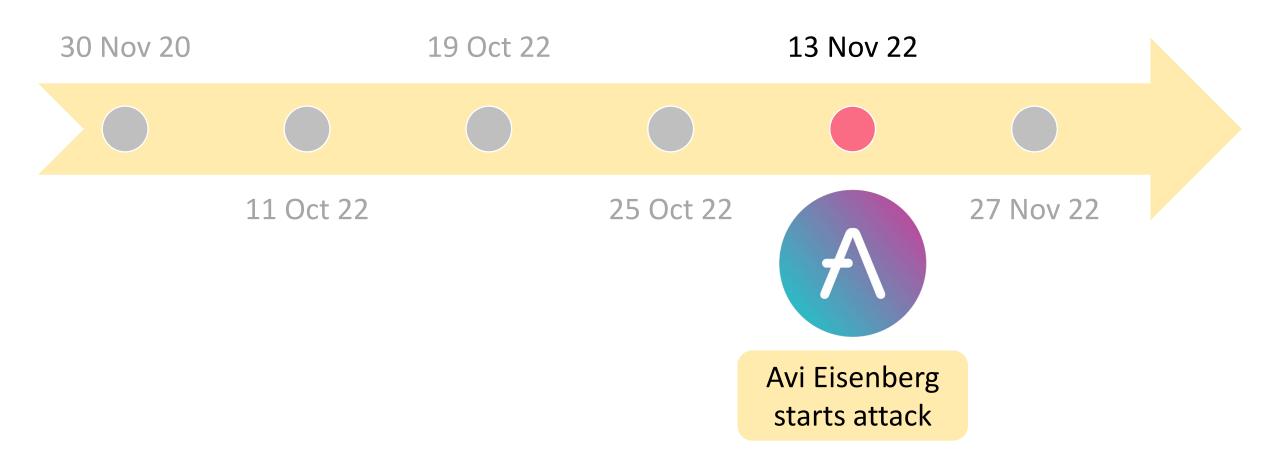


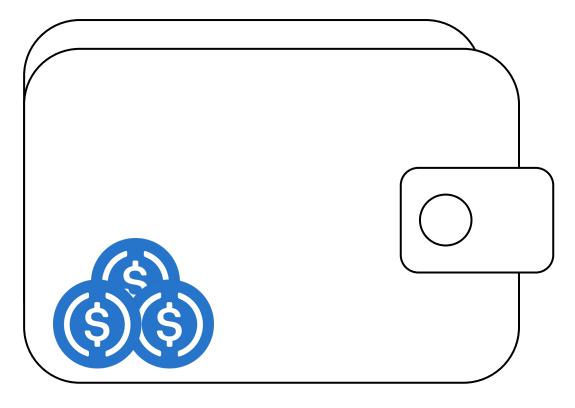


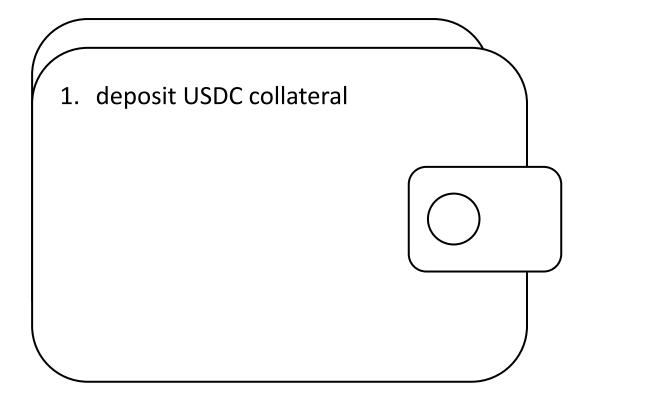


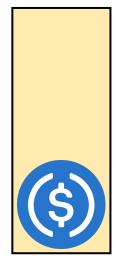


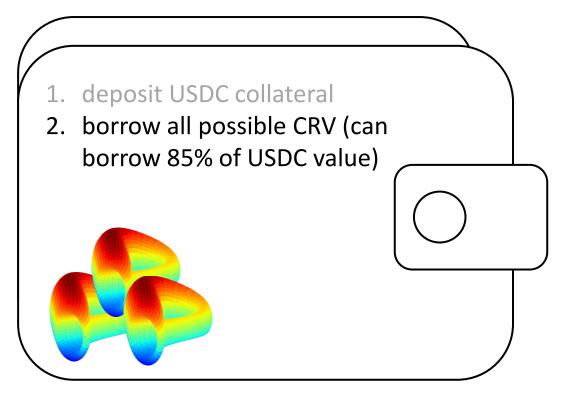




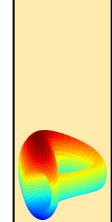


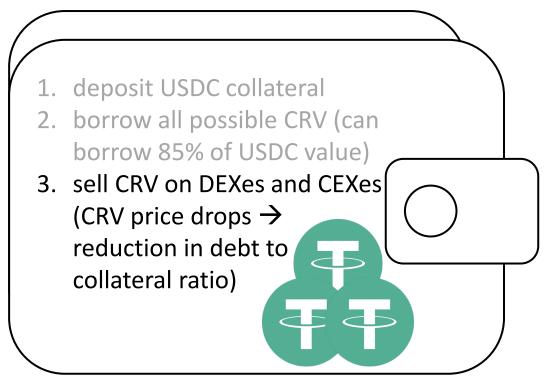




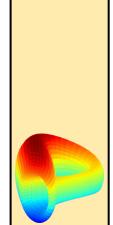


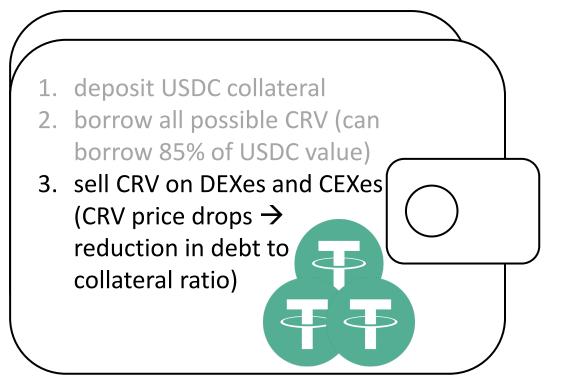


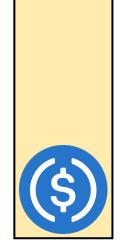


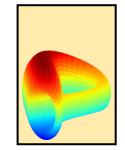




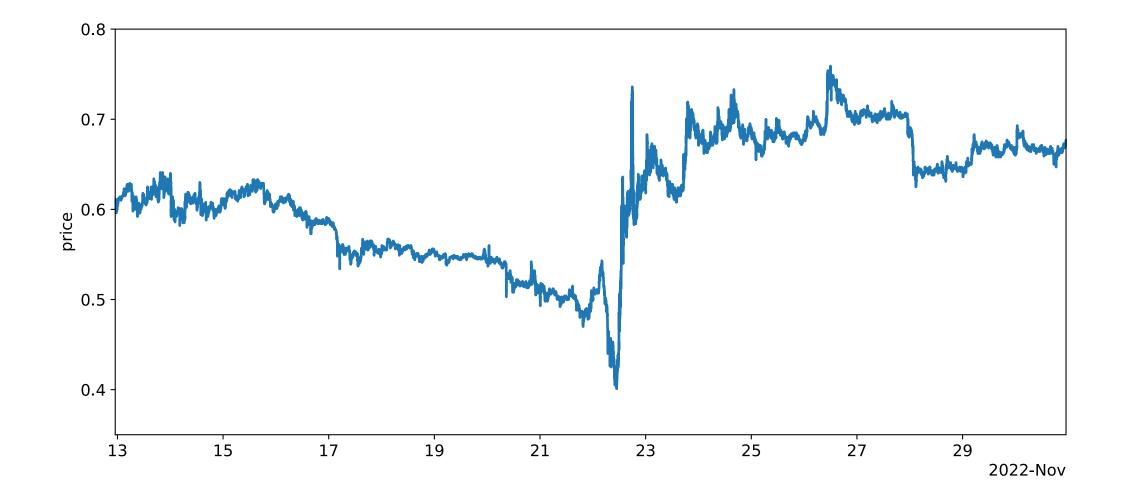




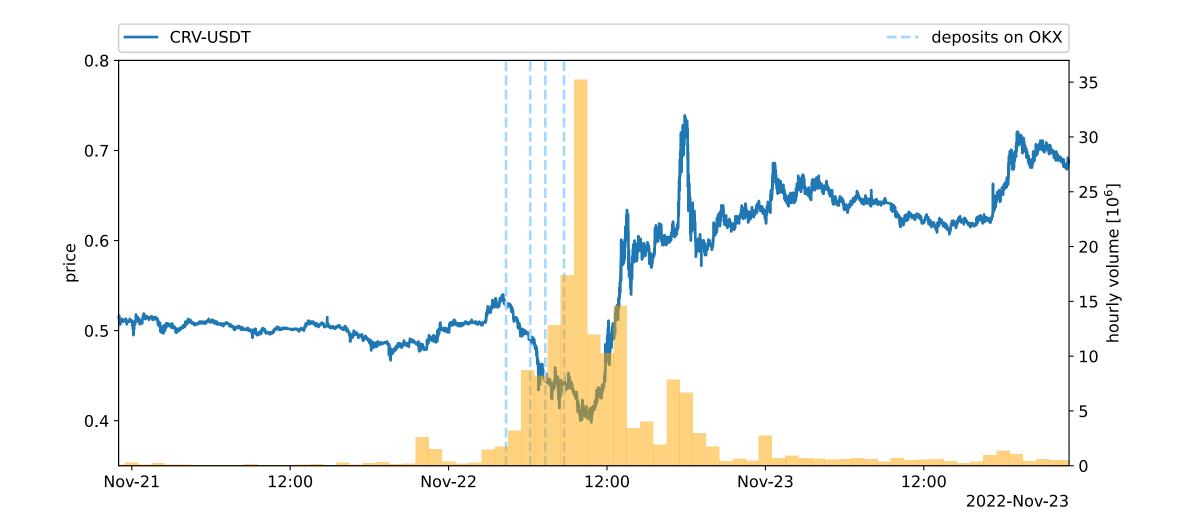




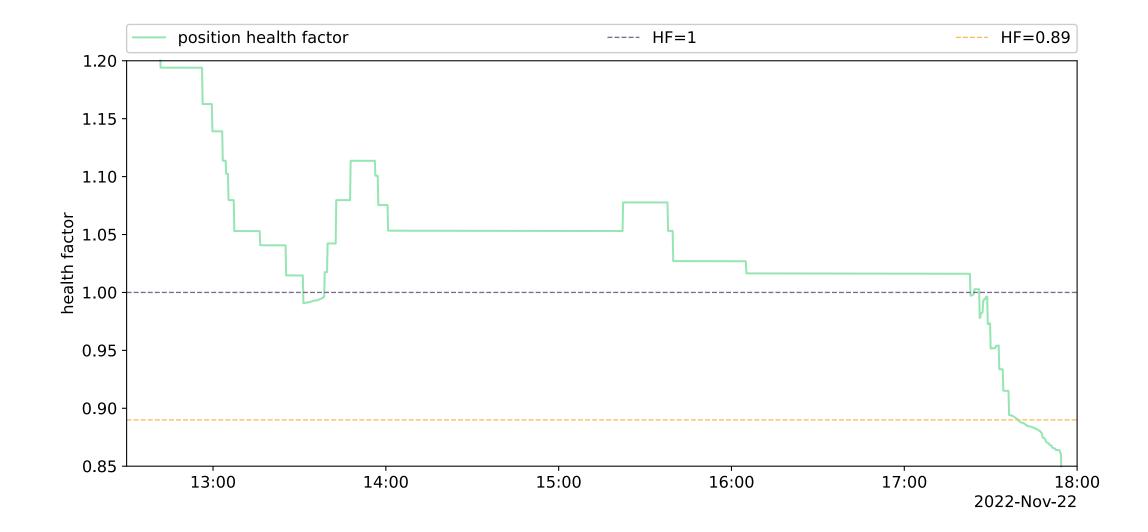
## CRV price



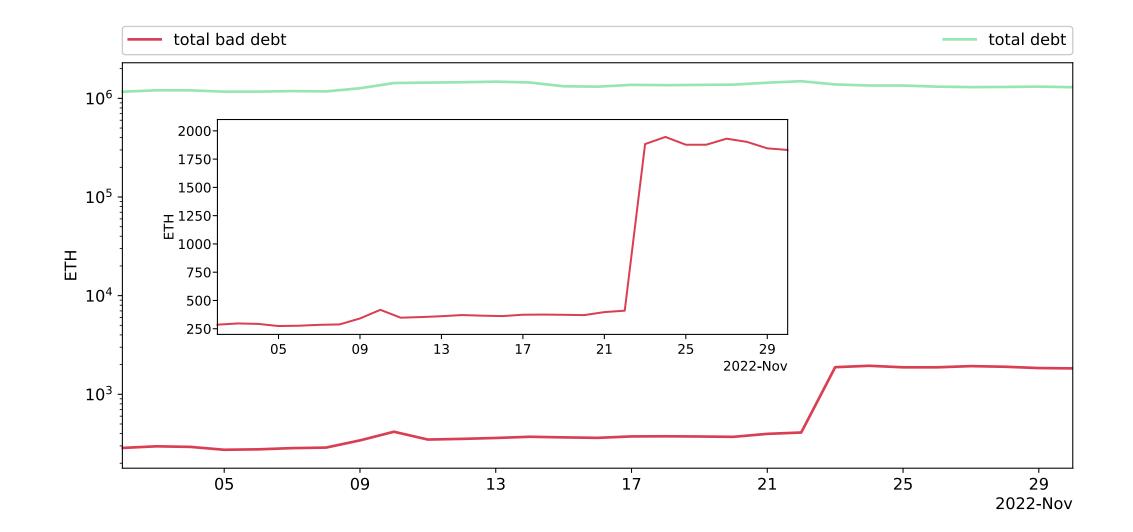
#### CRV price and volume on OKX

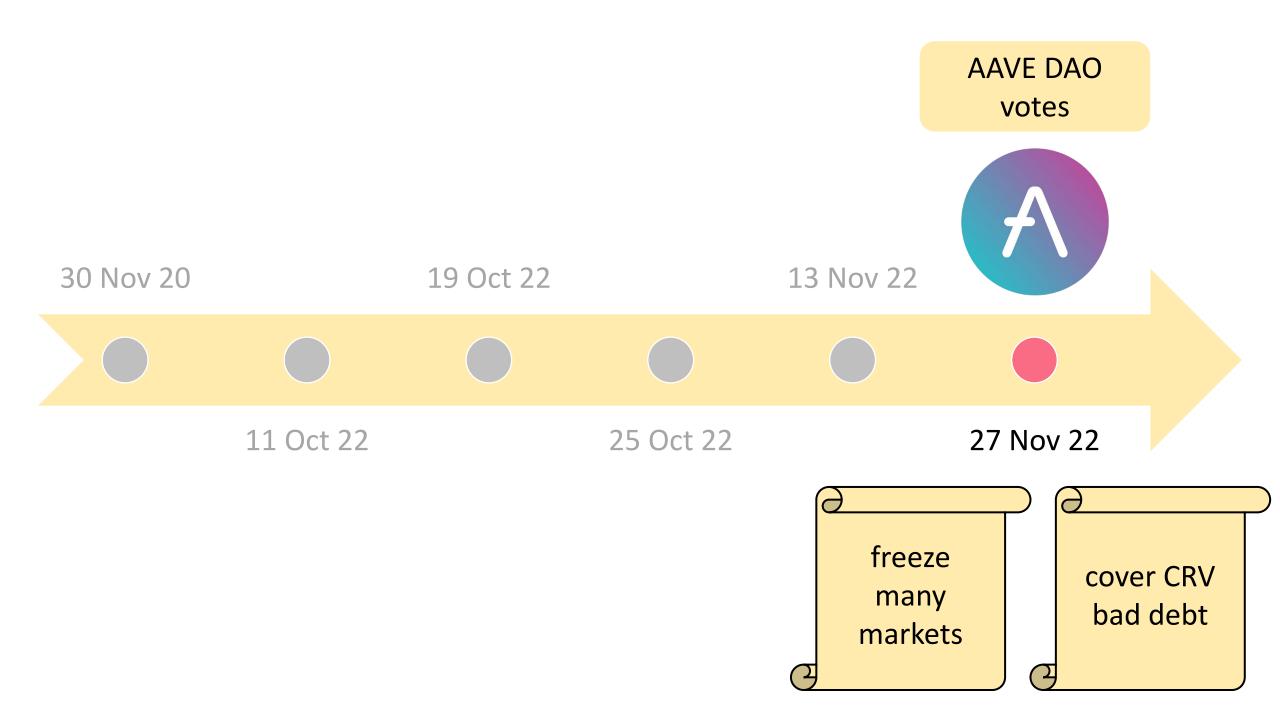


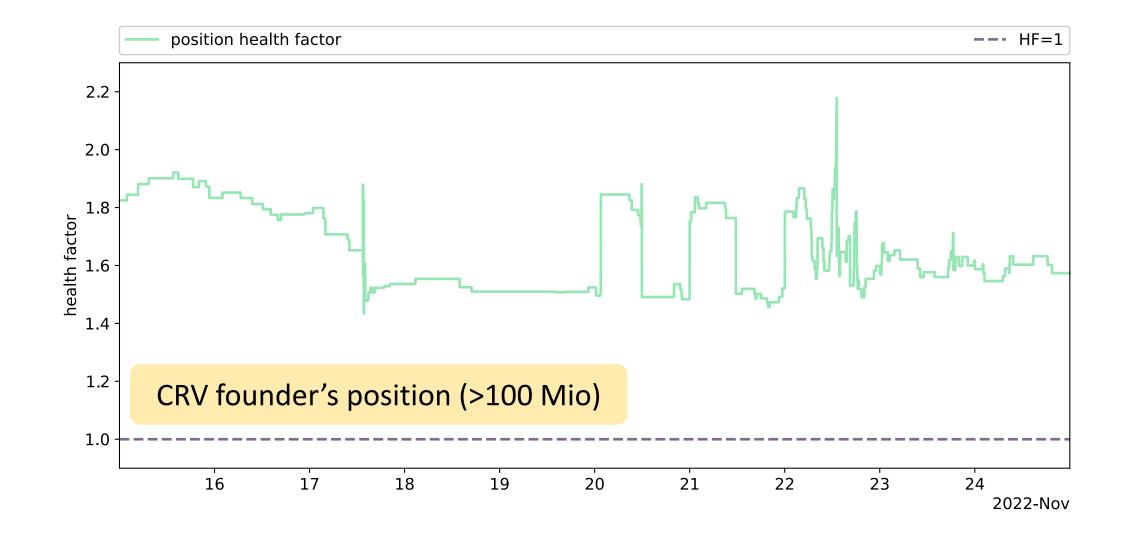
## Avi Eisenberg's position

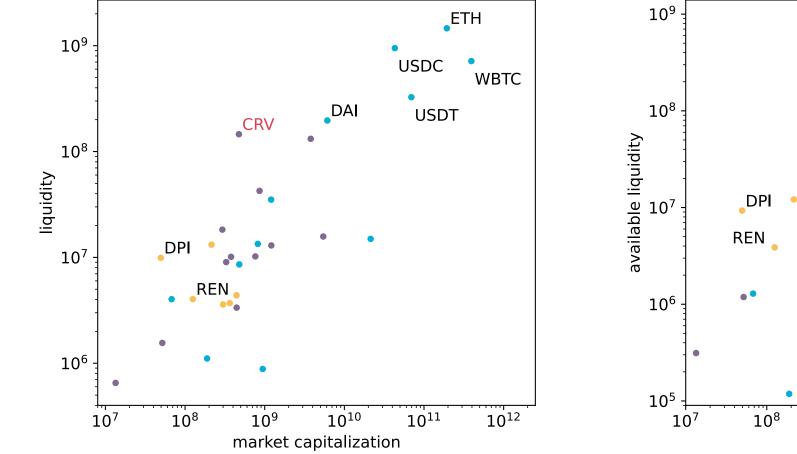


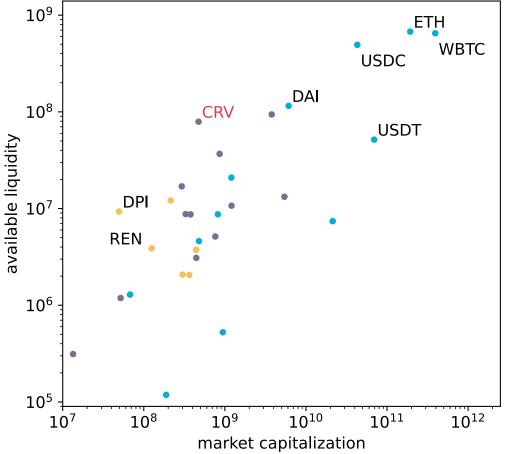
## Bad debt on Aave





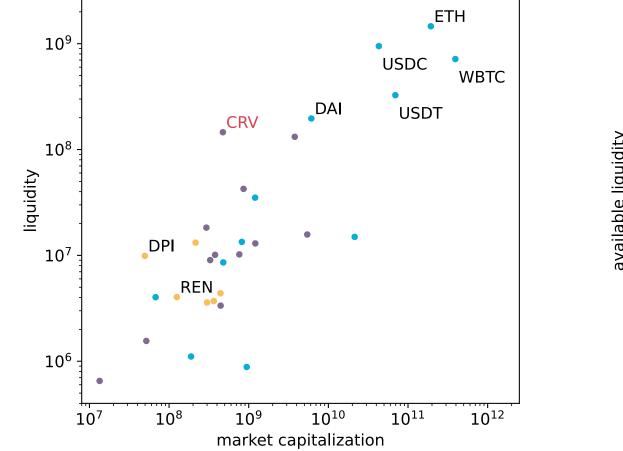


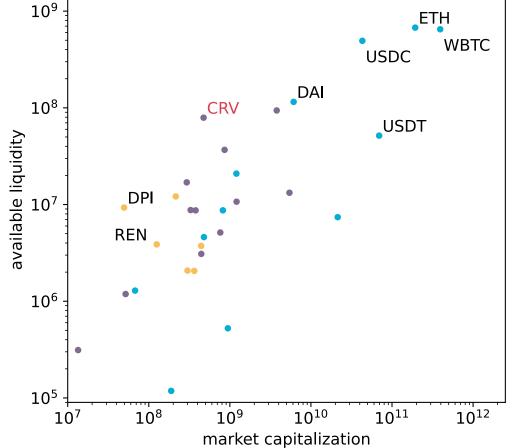




oltalization

#### 15% CRV available to borrow

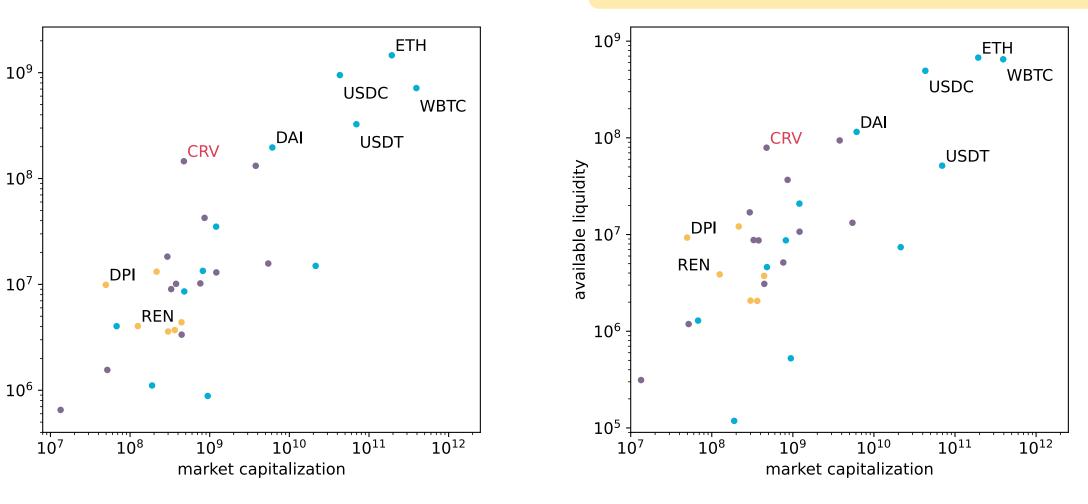




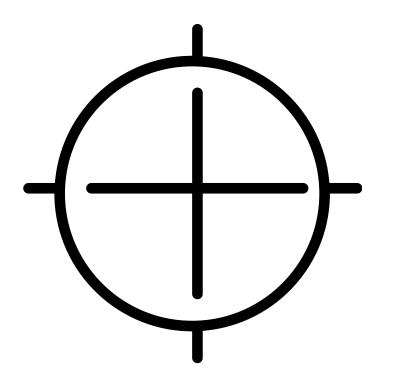
liquidity

#### 15% CRV available to borrow

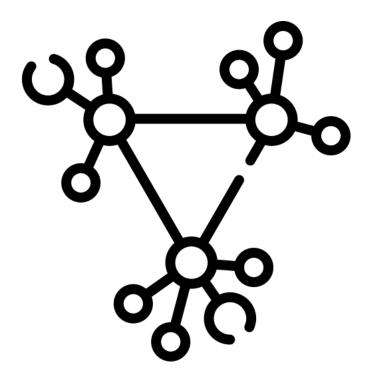
#### purple assets frozen after the attack



#### Conclusion







limit scope

increase margin requirement

compromise decentralization

#### Thank You! Questions & Comments?

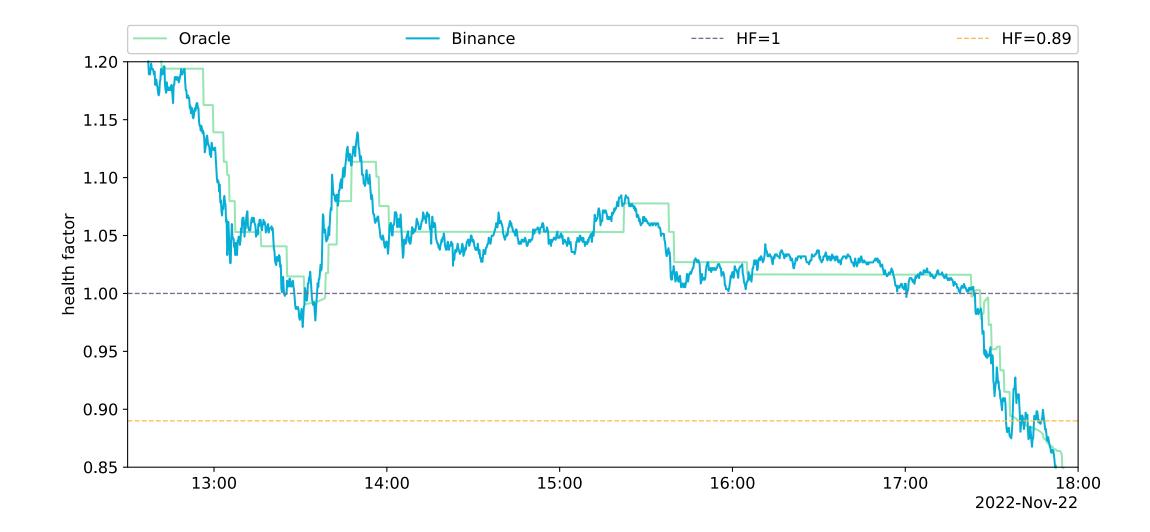


@liobaheimbach

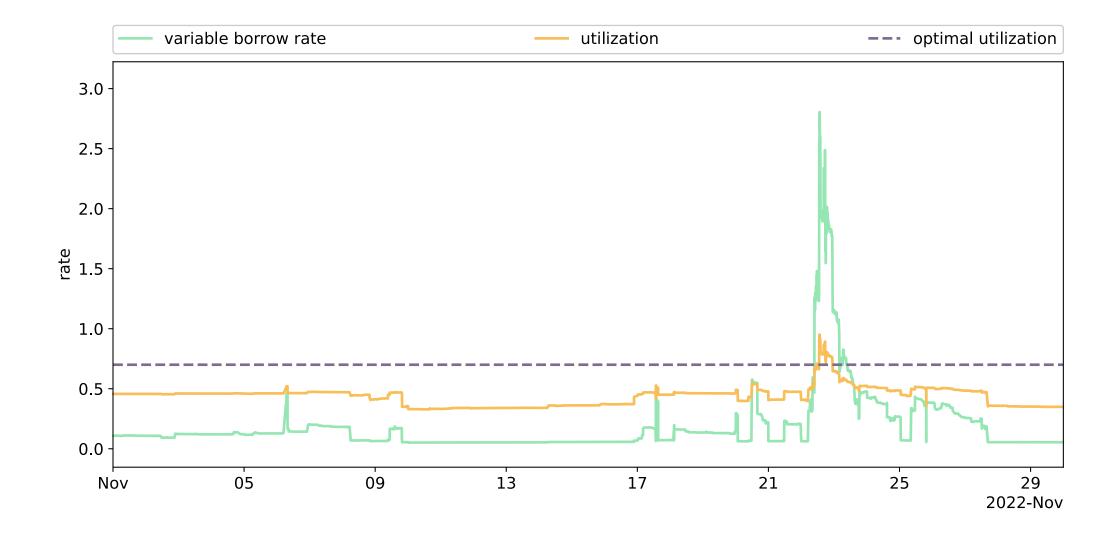


hlioba@ethz.ch

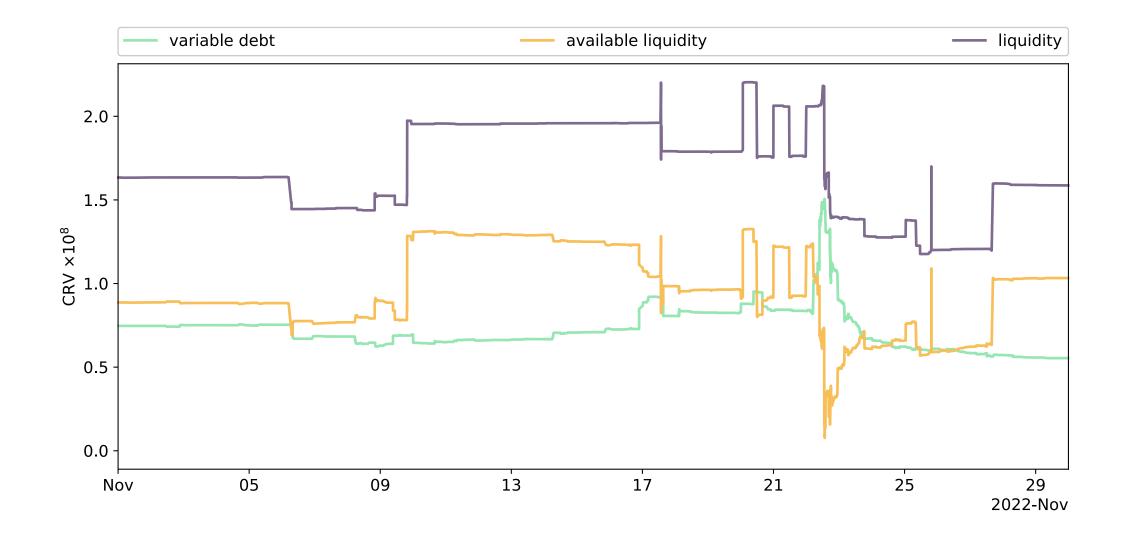
#### Avi Eisenberg's position

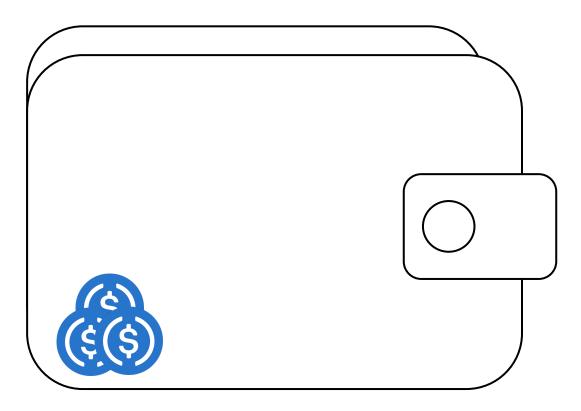


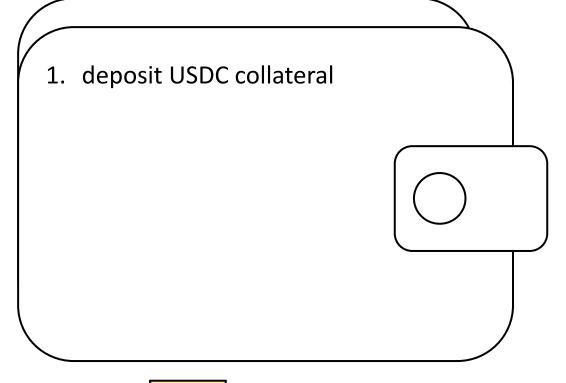
#### AAVE rates and utilization



#### AAVE rates







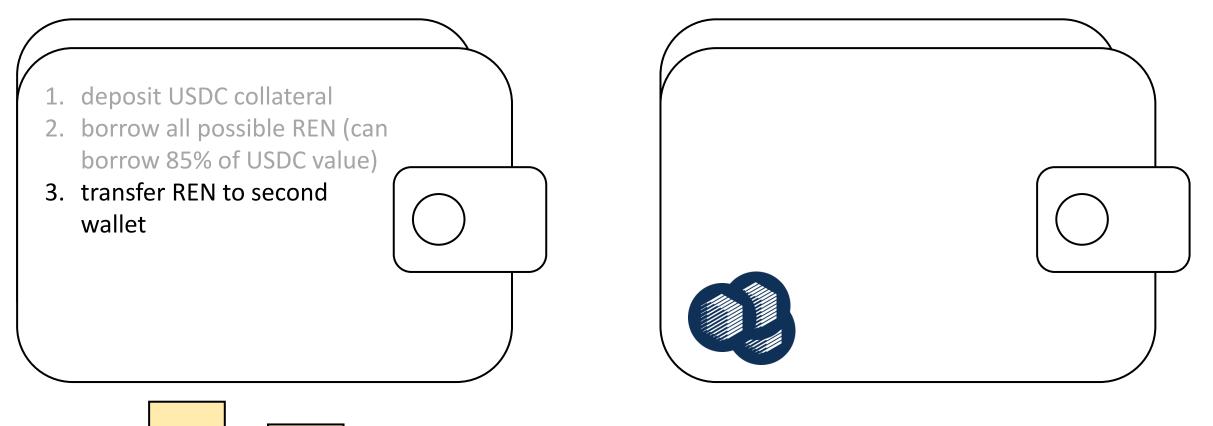


- 1. deposit USDC collateral
- 2. borrow all possible REN (can borrow 85% of USDC value)



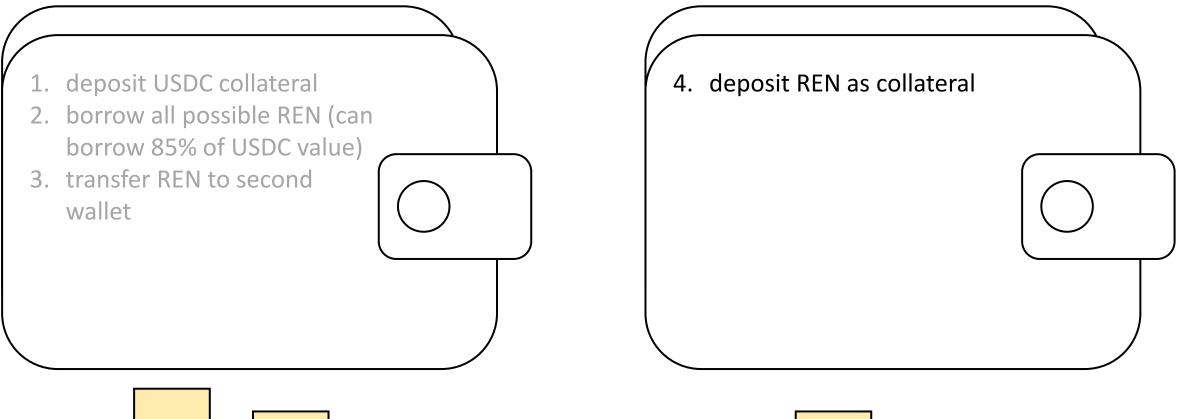






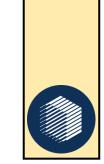








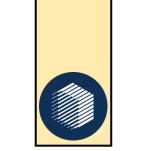




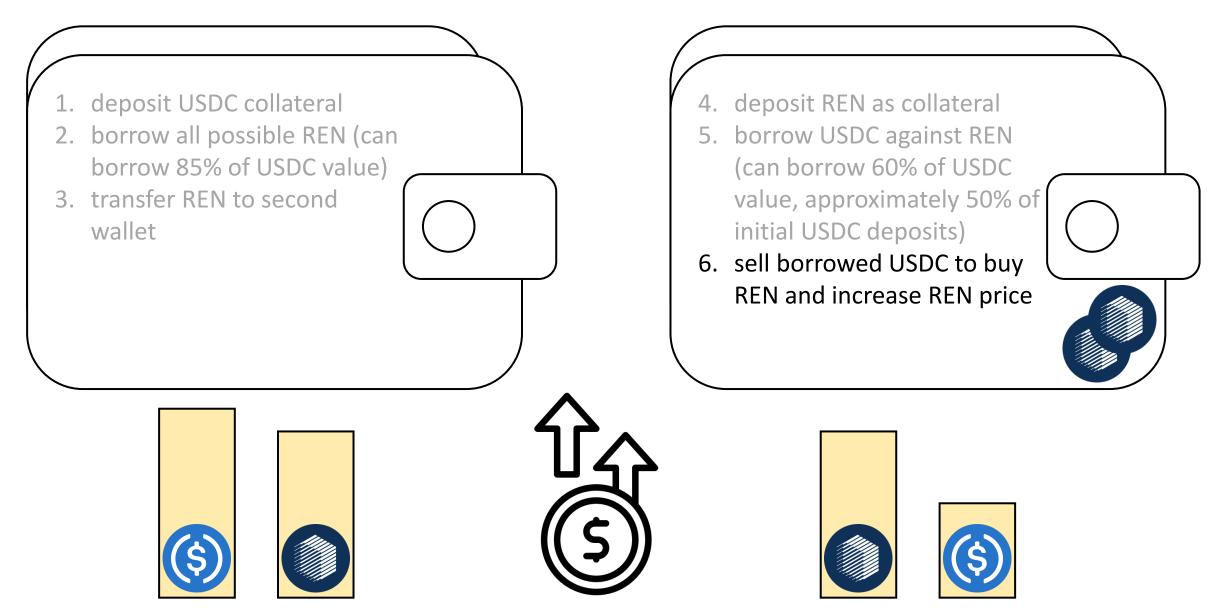
- 1. deposit USDC collateral
- 2. borrow all possible REN (can borrow 85% of USDC value)
- 3. transfer REN to second wallet

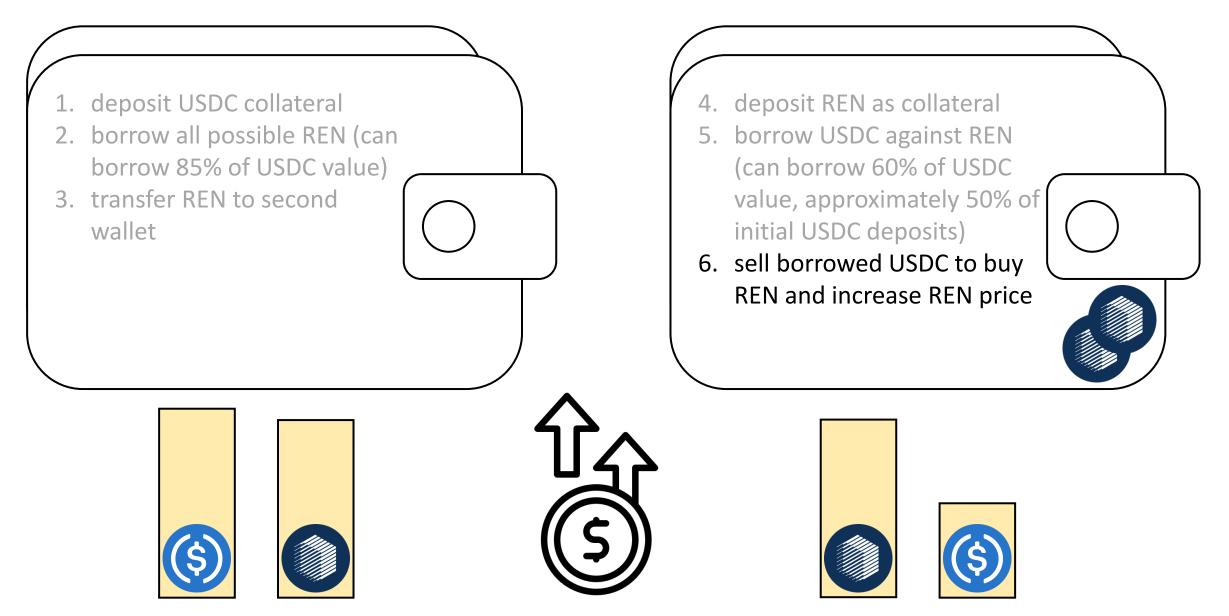
4. deposit REN as collateral
5. borrow USDC against REN (can borrow 60% of USDC value, approximately 50% of initial USDC deposits)



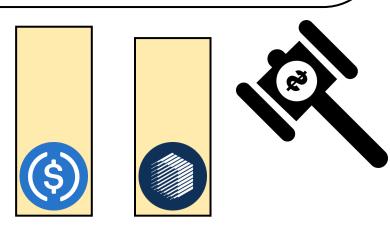


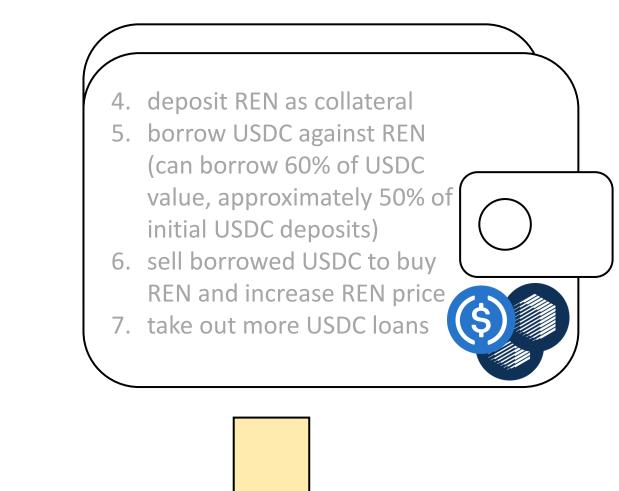






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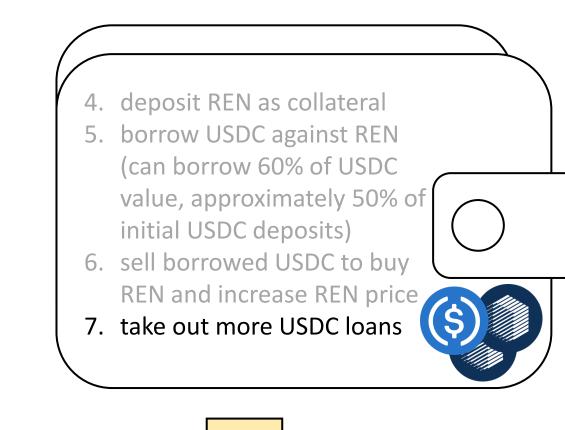


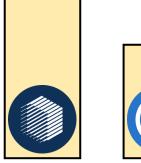




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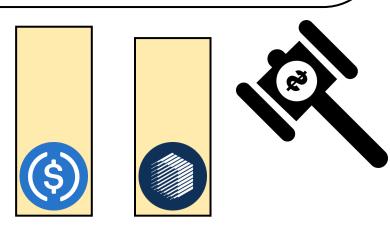


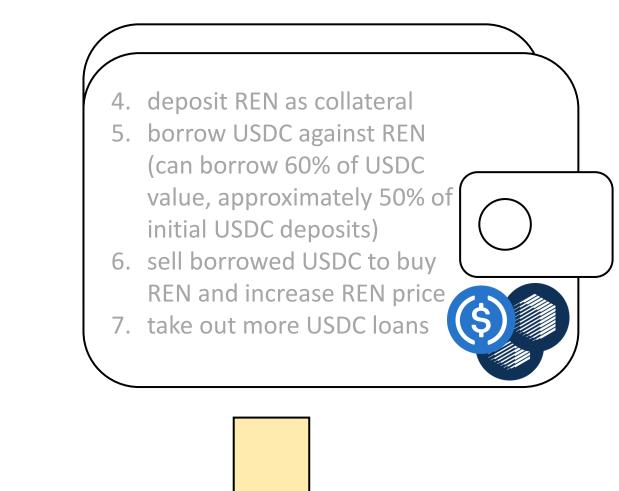






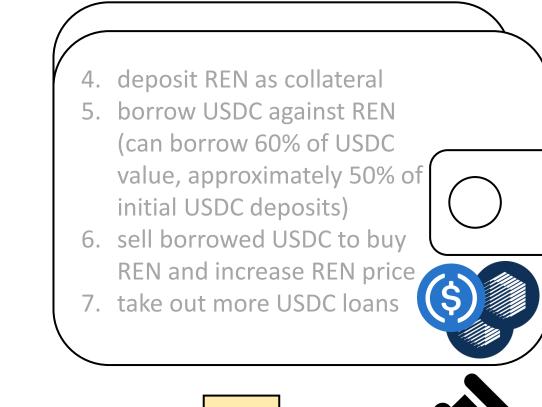
- 1. deposit USDC collateral
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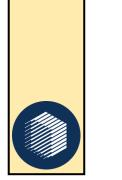






- 1. deposit USDC collateral
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- 3. transfer REN to second wallet





- 1. deposit USDC collateral
- 2. borrow all possible REN (can borrow 85% of USDC value)
- 3. transfer REN to second wallet

