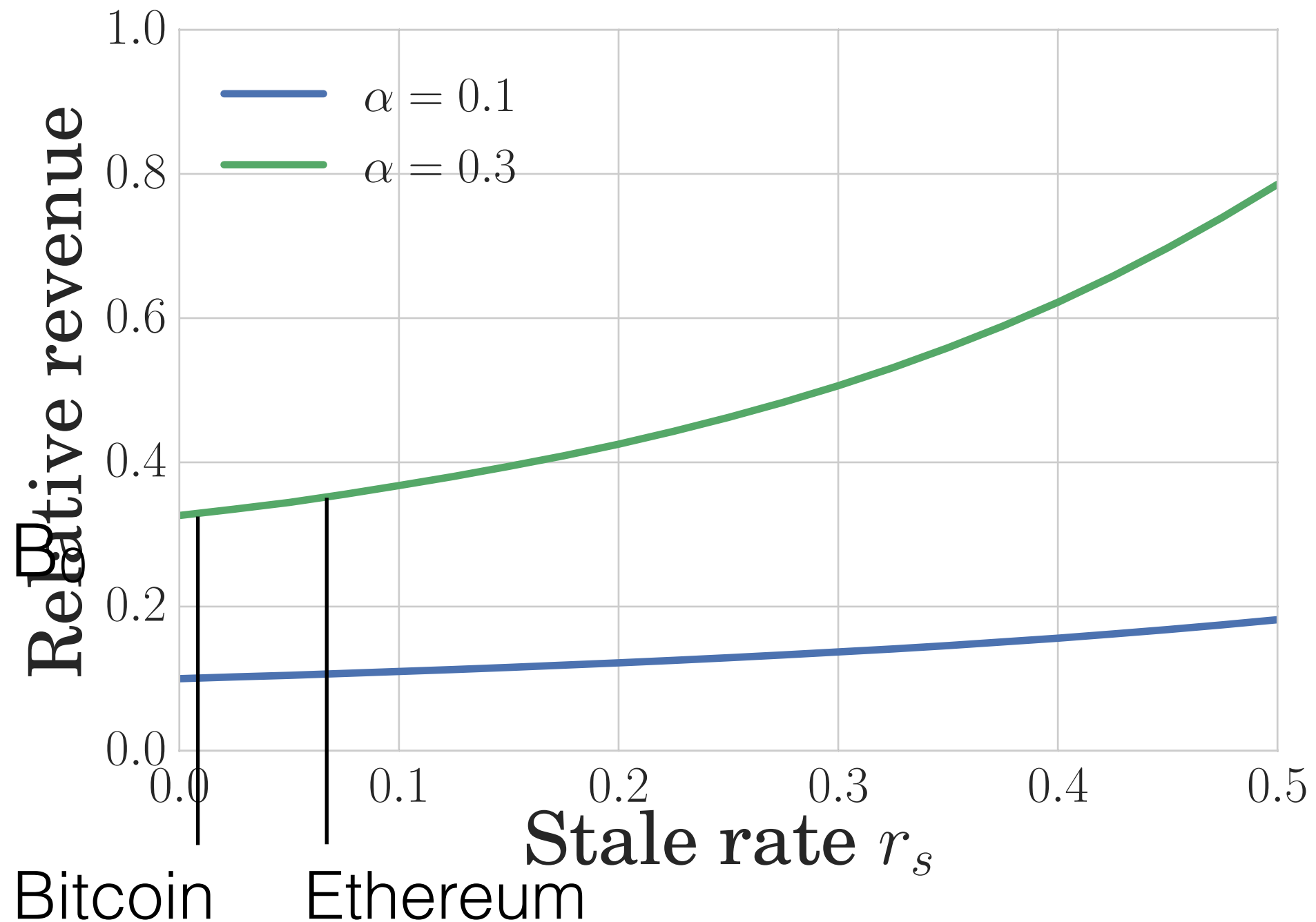




# Selfish Mining and the Stale Block Rate

# Influence of Stale Block rate on Selfish Mining

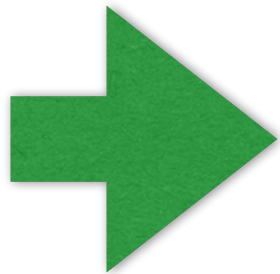


The higher the stale block rate  
the higher the relative revenue

# Selfish Mining under constant difficulty

## Mining 1000 blocks

- 30 % selfish miner mines **209** blocks, instead of **300!**  
(under our optimal strategy)
- Eyal and Sirer's strategy yields on average **205.8** blocks



Selfish Mining yields fewer  
block rewards than honest mining.