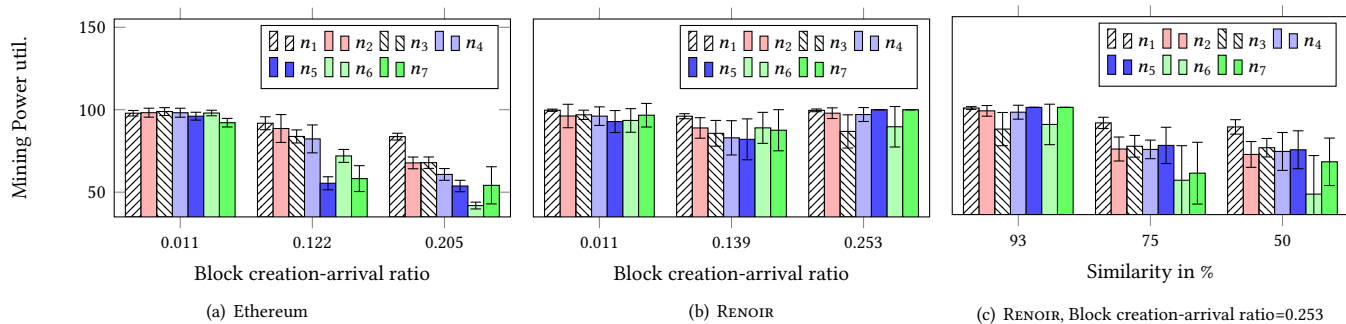
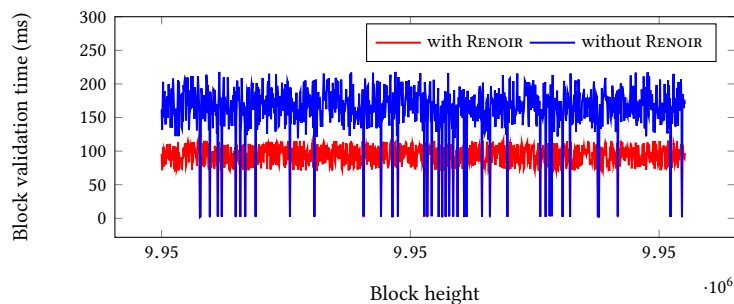


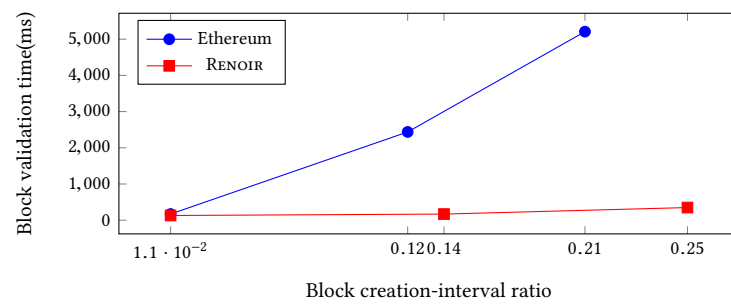
**Figure 1: Mining power utilization and throughput of Ethereum and RENOIR with a confidence interval of 95% measured in our private network with varying block creation-arrival ratio**



**Figure 2: Mining power utilization of the first 7 nodes of Ethereum and RENOIR with a confidence interval of 95% measured in our private network with varying block creation-arrival and varying similarity**



**Figure 3: Validation time of 1000 real Ethereum blocks at two nodes, one of which is equipped with RENOIR and the other is not.**



**Figure 4: Time taken by the node to validate a received block with and without RENOIR for varying block creation-interval ratio.**