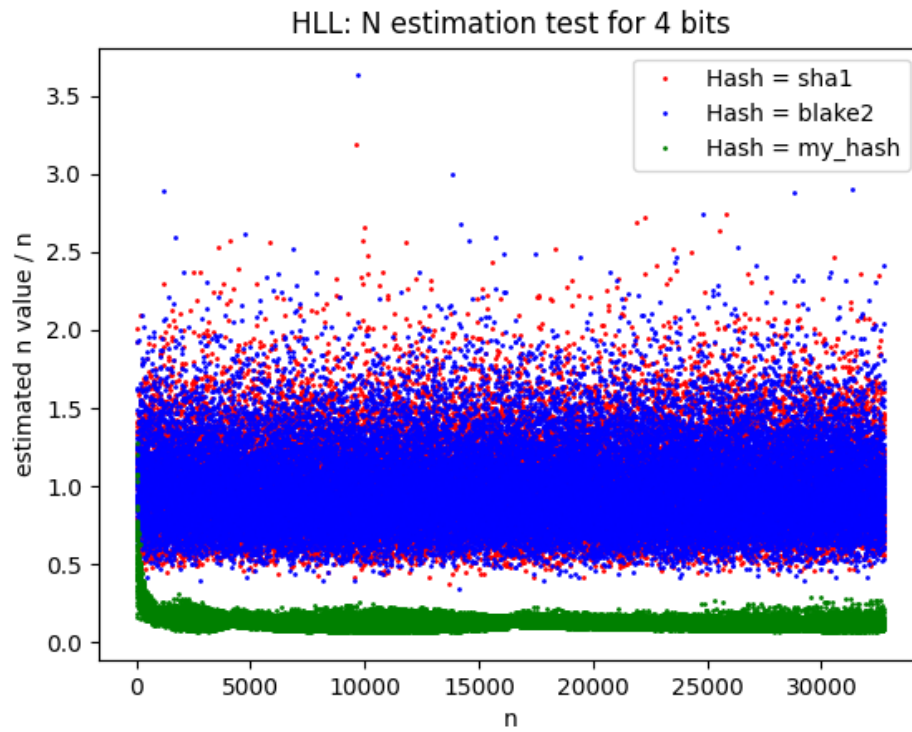


Analiza Algorytmów - Laboratorium 3

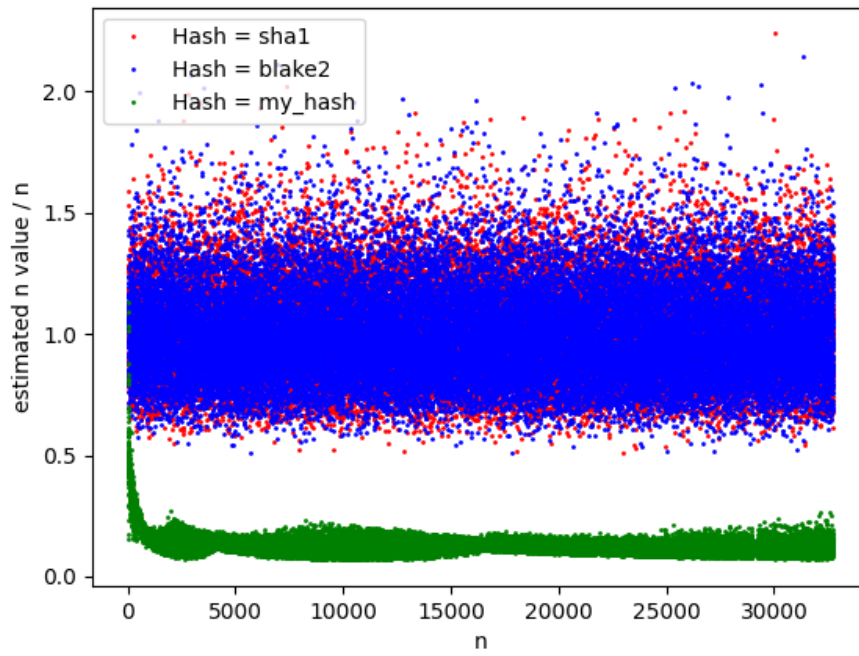
Wojciech Sęk

4 kwietnia 2023

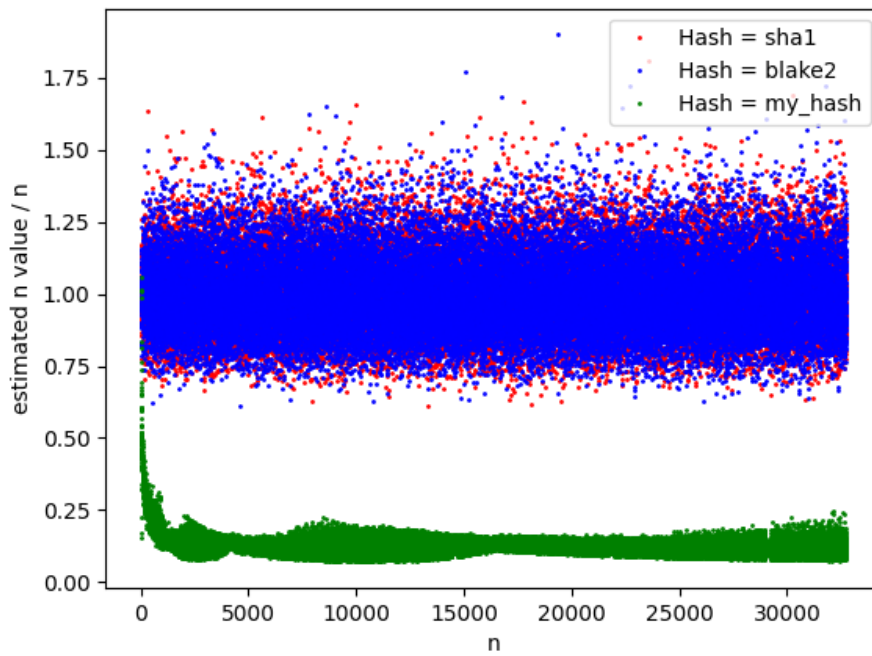
1 Różne hasze

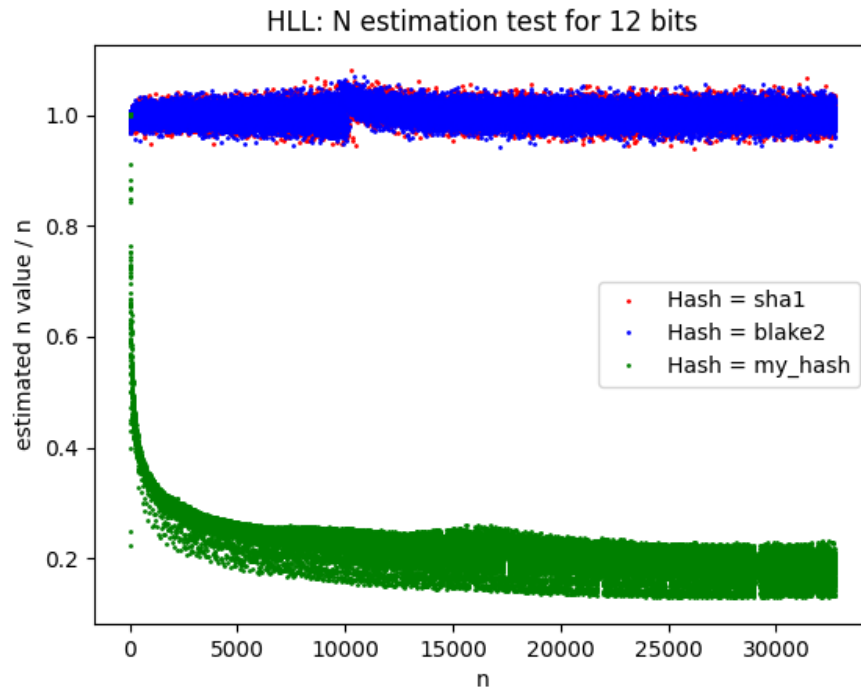
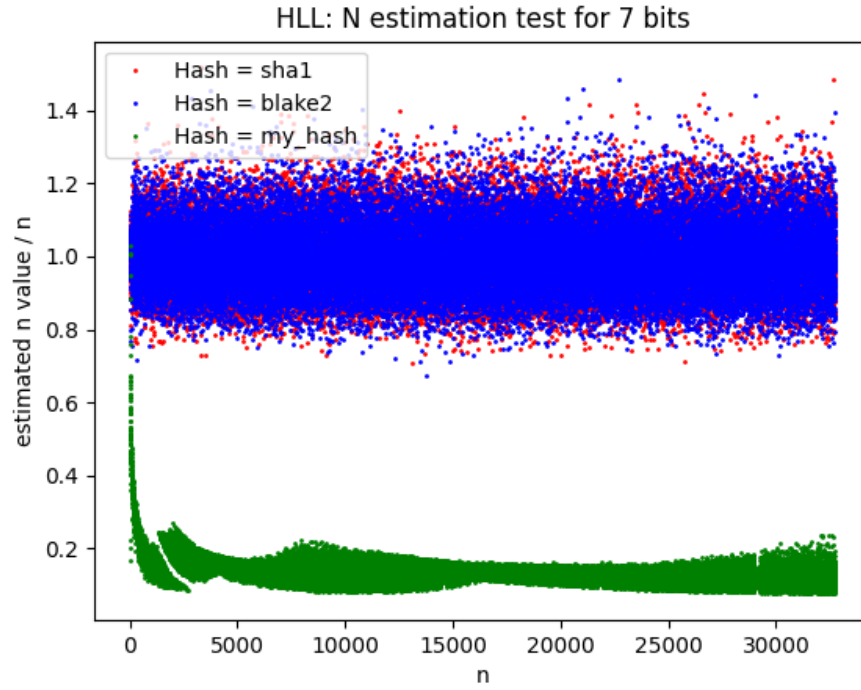


HLL: N estimation test for 5 bits



HLL: N estimation test for 6 bits



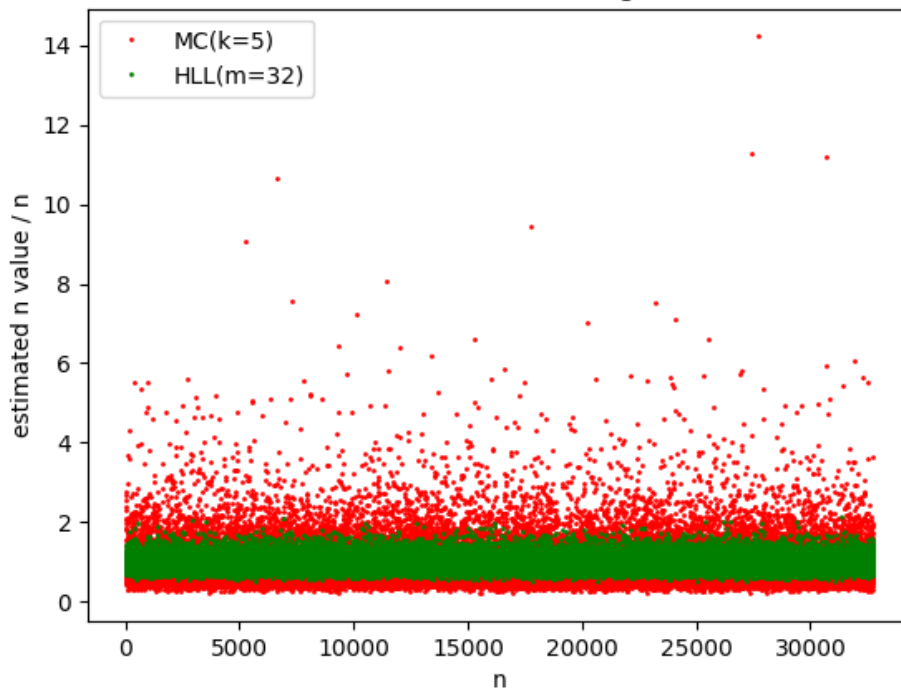


2 MinCount vs HyperLogLog

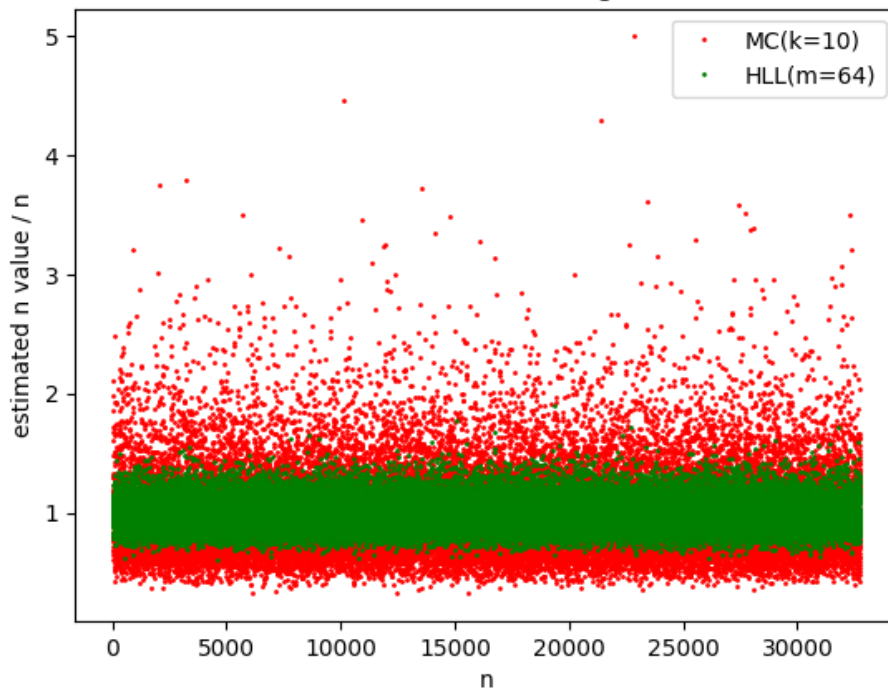
Pamięć na hasza to 32 bity, na rejestr w hll 5 bitów. Robimy testy dla:

b	m	Pamięć HLL	k	Pamięć MC
5	32	160	5	160
6	64	320	10	320
7	128	640	20	640
12	4096	20480	640	20480

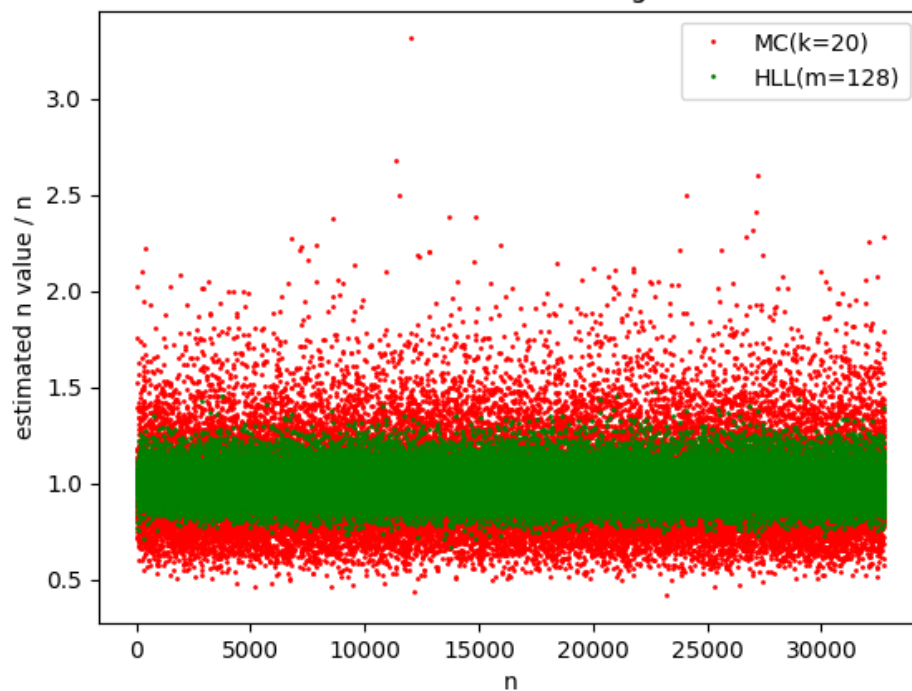
HLL vs MC: N estimation test for 32 registers and 5 hashes



HLL vs MC: N estimation test for 64 registers and 10 hashes



HLL vs MC: N estimation test for 128 registers and 20 hashes



HLL vs MC: N estimation test for 4096 registers and 640 hashes

