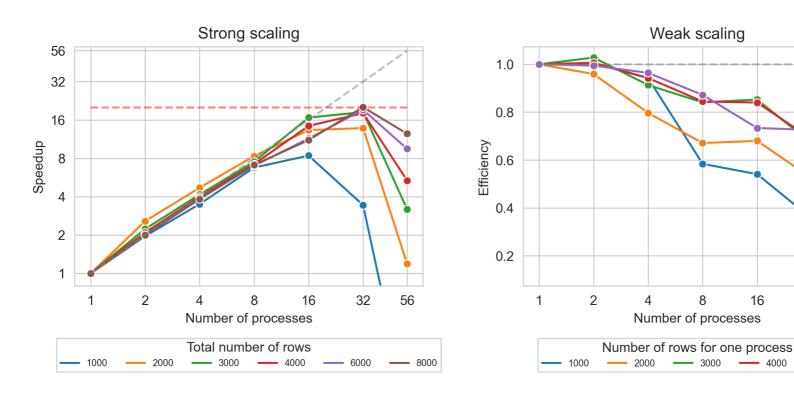


## Amdhal's Law & Gustafson's Law

Strong and weak scaling on HELVETIOS (32 cpus per node)



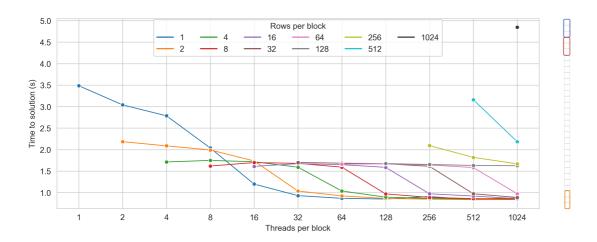
16

32

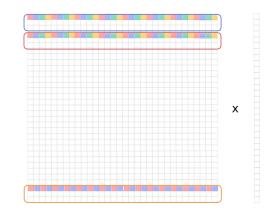
56

## Influence of grid and block size





## Blocks and threads



- ≥ 128 rows per block → not enough blocks to saturate GPU
- 128 rows per block → enough blocks, worry about occupancy