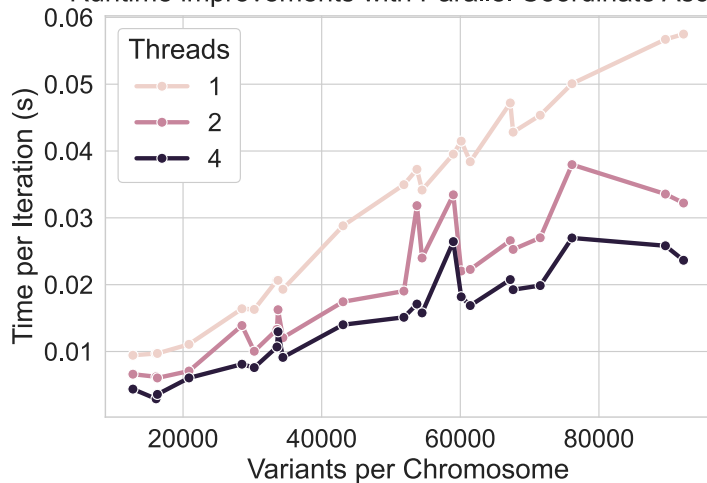
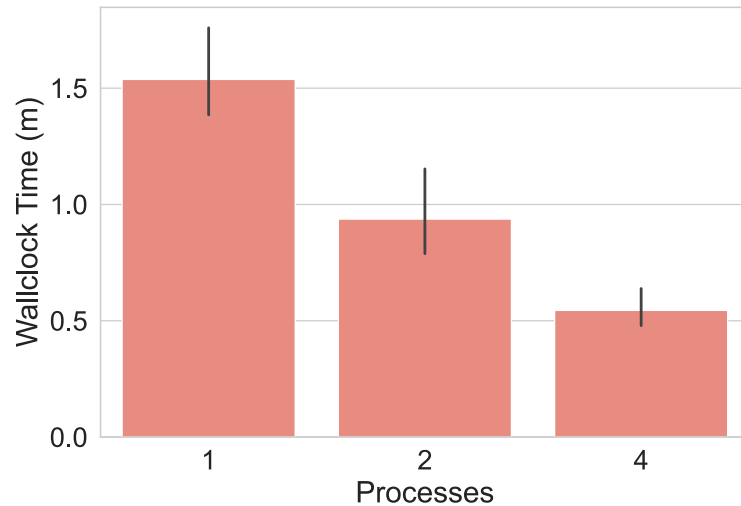
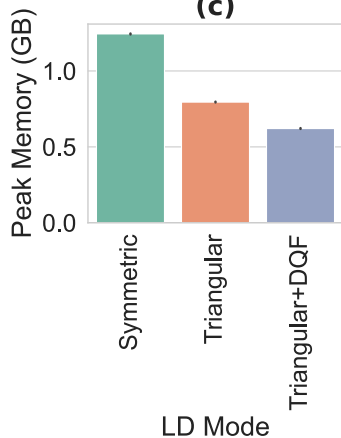
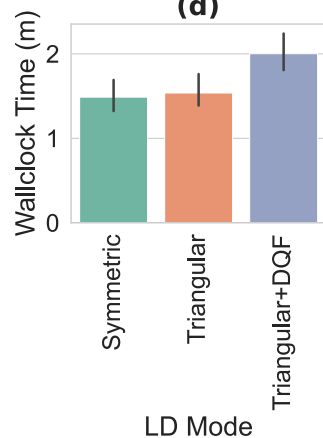
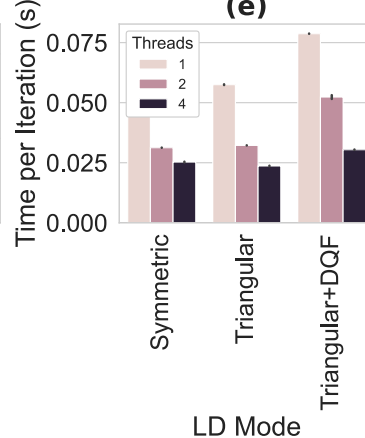


(a)

Multithreading across SNPs:
Runtime improvements with Parallel Coordinate Ascent

**(b)**

Parallelism across Chromosomes

**(c)****(d)****(e)****(f)**