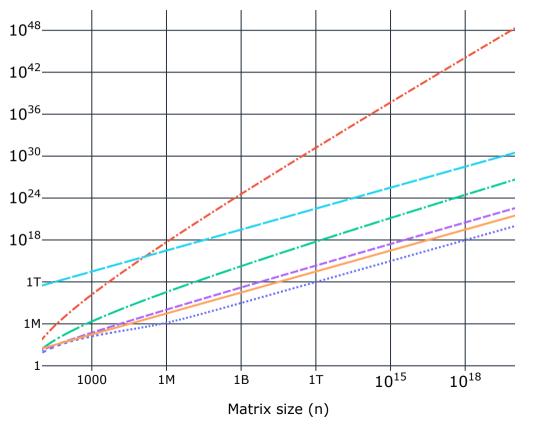
Runtime comparison of CG and conversions to TT



Estimated runtime (FLOPs)

Method, assumptions

••••• matrix2mpo, all O(log(n))

-- TT-SVD, matrix, all $O(\log(n))$

 $\overline{}$ TT-SVD, rhs, all $O(\log(n))$

- TT-SVD, rhs, all $O(\log(n))$, r=2

 $---- \text{CG}, z = O(n), \kappa = 10^2$

- CG, z = O(n), $\kappa = 10^{20}$