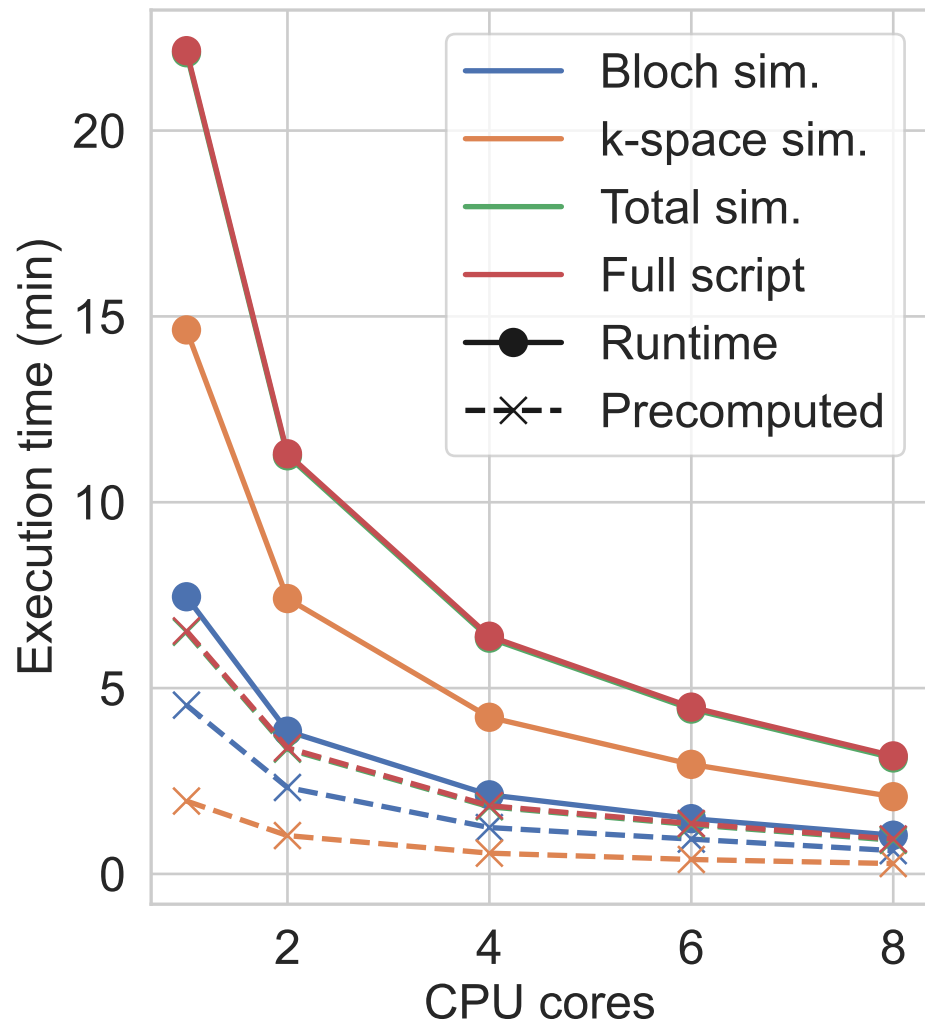**Execution Time vs CPU Cores**

Speedup vs CPU Cores

Legend (left):
- Bloch sim.
- k-space sim.
- Total sim.
- Full script
- Runtime
- Precomputed

Legend (right):
- Total sim.
- Full script
- Ideal linear scaling
- Runtime
- Precomputed

Left axis: Execution time (min); x-axis: CPU cores
Right axis: Speedup; x-axis: CPU cores