N₂ (6-31g, 10e, 16o) R=1.2 Å / all-to-all R=1.2 Å / heavy-hexR=2.4 Å / all-to-allR=2.4 Å / heavy-hexEnergy error (Hartree) Energy error (Hartree) 10^{-1} error (Hartree) (Hartree 10-1 10-2 error 10^{-2} 10^{-2} 10^{-2} Energy Energy 6 8 9 10 6 8 9 10 6 8 9 10 6 7 8 9 10 5 4 Repetitions Repetitions Repetitions Repetitions 3000 3000 3000 3000 SCI subspace 2000 2000 2000 2000 SCI 1000 1000 1000 1000 6 6 6 5

Repetitions

LUCJ-compressed

Repetitions

LUCJ-compressed-reg

Repetitions

LUCJ-truncated

LUCJ-full

Repetitions

Rand bitstr