N_2 (6-31g, 10e, 16o) R=1.2 Å / all-to-all R=2.4 Å / heavy-hex R=1.2 Å / heavy-hexR=2.4 Å / all-to-allEnergy error (Hartree) Energy error (Hartree) 10^{-1} 10^{-1} 10-2 error 10^{-2} 10^{-2} 10^{-2} Energy 6 9 10 6 8 8 6 8 9 10 6 8 9 10 Repetitions Repetitions Repetitions Repetitions 3000 3000 3000 3000 SCI subspace 2000 2000 2000 2000 1000 1000 1000 1000 6 4 5 6 -5 6 Repetitions Repetitions Repetitions Repetitions

LUCJ-truncated

LUCJ-compressed

LUCJ-full

Rand bitstr