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

6

Repetitions

LUCJ-compressed-1stg

8 9 10

6

Repetitions

LUCJ-compressed-fp

8

8 9 10

5 6

Repetitions

LUCI-truncated

LUCI-compressed

9 10

Rand bitstr

LUCJ-full

8

Repetitions