$N_2$  (6-31g, 10e, 26o) R: 1.2 Å R: 2.4 Å  $10^{2}$ 10<sup>2</sup> Energy error (Hartree) Energy error (Hartree)  $10^{1}$  $10^{1}$ 10<sup>0</sup>  $10^{0}$  $10^{-1}$  $10^{-1}$  $10^{-2}$  $10^{-2}$ 10<sup>-3</sup>  $10^{-3}$ 2500 -2500 2000 2000 SCI subspace SCI subspace 1500 1500 1000 1000 500 500 0 0

LUCJ truncated LUCJ compressed

LUCJ random