N_2 (6-31g, 10e, 16o) R: 1.2 Å R: 2.4 Å Energy error (Hartree) Energy error (Hartree) 10-1 10^{-1} 10^{-2} 10^{-2} 1000 1000 800 800 SCI subspace SCI subspace 600 600 400 400 200 200 0 0 LUCJ random LUCJ truncated LUCJ compressed