N₂ / 6-31G (10e, 16o) bond length 1.2 Å LUCJ heavy-hex UCJ Entropy Entropy 10⁰ 10⁰ 10^{-1} 10 2 8 10 2 4 8 Repetitions Repetitions 1000 1000 800 800 SCI dim sqrt SCI dim sqrt 600 600 400 400 200 200 0 10 10 4 8 6 8 Repetitions Repetitions 10^{0} 10^{0} Energy error (Hartree) Energy error (Hartree) 10^{-1} 10^{-1} 10⁻² 10- 10^{-3} 10^{-3} 10 2 10 8 2 8 4 6 Repetitions Repetitions compressed with regularization $\lambda = 10^{-3}$ full truncated compressed