CCSD initial parameters n2 6-31g (10e, 16o) R=1.0 Å all-to-all square Energy error (Hartree) error (Hartree) 10-2 Energy (Repetitions Repetitions 0.02 0.010 SO 0.005 -S 0.01 0.000 0.00 Repetitions Repetitions 1e6 shap 200000 sci_vec_shape **UCCSD** init LUCJ Compressed-t2 --- LUCJ truncated - LUCJ Compressed-t2 multi-stage 0.5 0.0 -Repetitions Repetitions