

# Supplementary Material

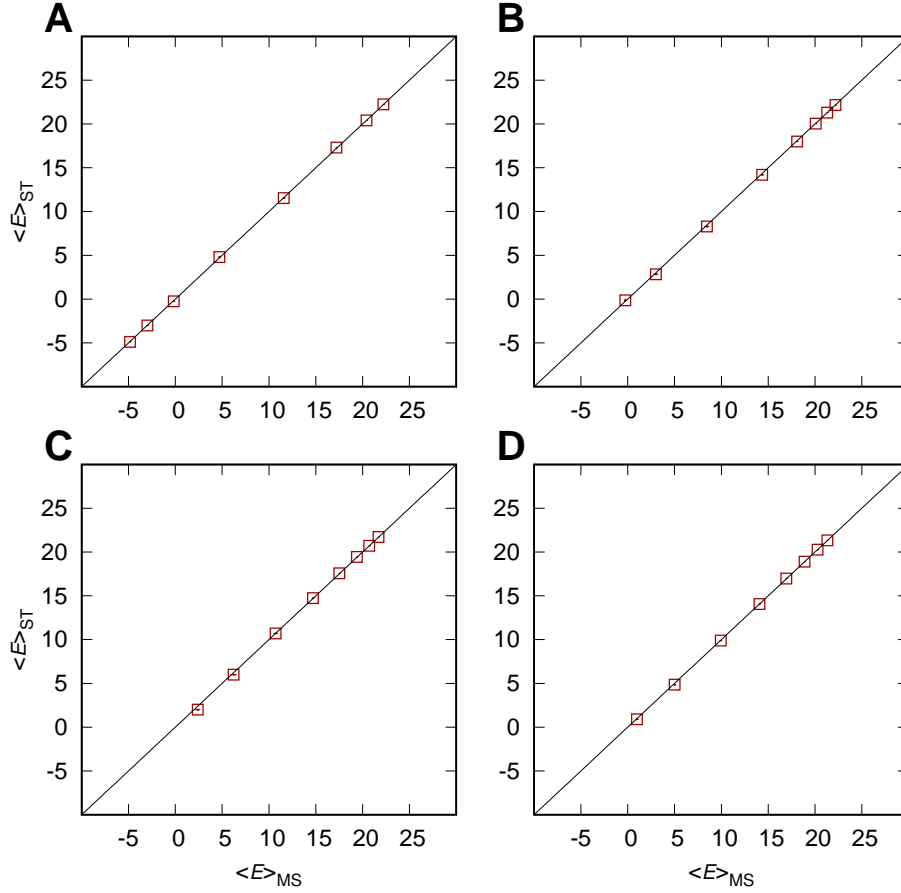


Figure 1: Comparison of the average energy,  $\langle E \rangle$ , as calculated at 8 different temperatures by the ST and MS algorithms for the 4 model sequences (A) A1, (B) N1, (C) R1, and (D) R2. Statistical  $1\sigma$  errors, estimated from 32 independent runs for each method (see Table II), are shown but are smaller than the plot symbols for all points.