ADAPT Root-Cause Diagnostic Report
Generated UTC: 2026-02-22T15:46:54.014394+00:00

Classification: mixed
Reason: Signals indicate both selection quality and optimization budget likely contribute.

Key metrics:
- baseline_gap: 0.6239423320387765
- best_frozen_gap: 0.6238426685482069
- frozen_gap_closure: 0.00015973189420230457
- selection_margin_current_minus_reference: 1.1102230246251565e-16
- budget_gain: 0.0

L4 baseline:
- energy=-0.2121147861
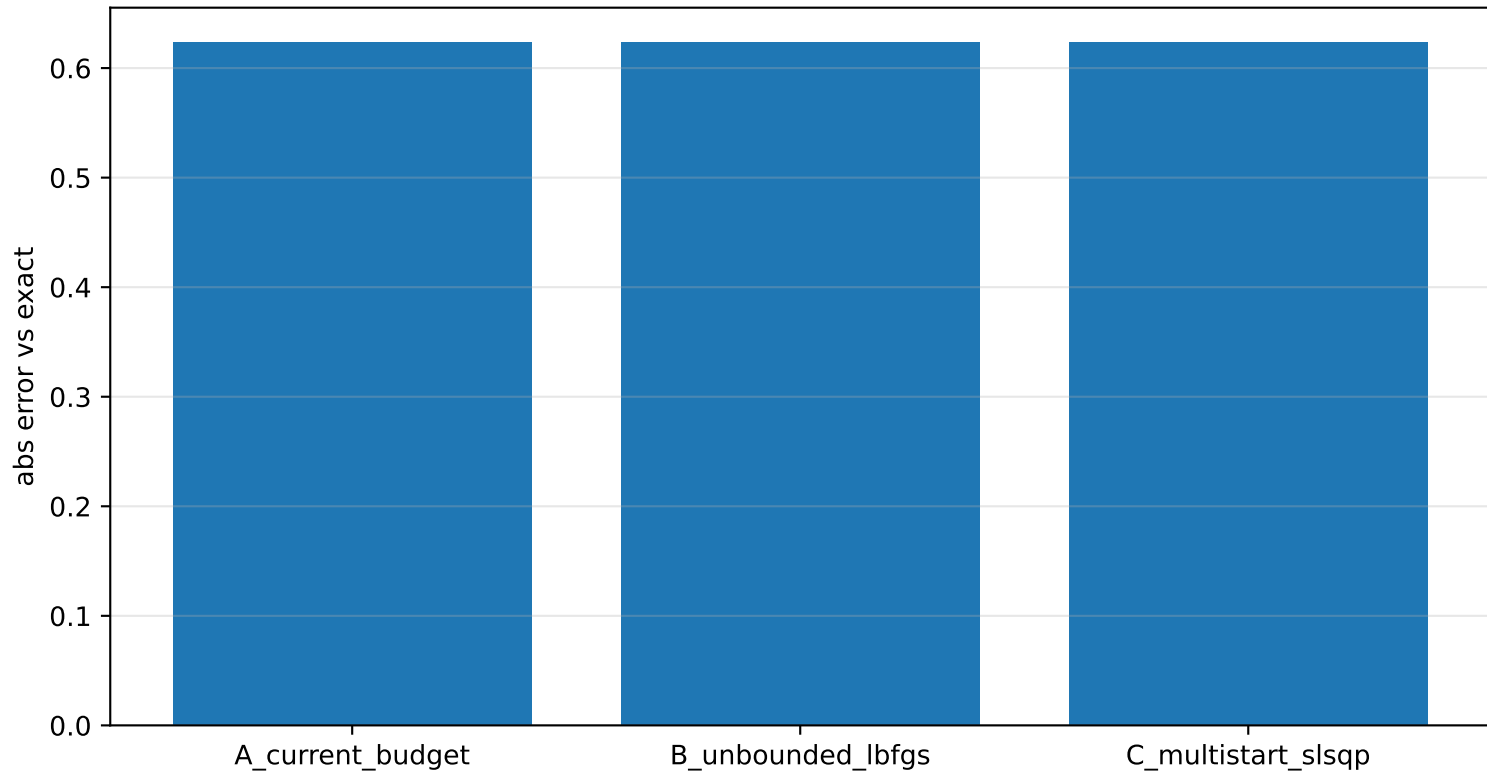- abs_delta_e=6.239423e-01
- depth=1
- stop_reason=None

L4 frozen-sequence best:
- B_unbounded_lbfgs: abs_delta_e=6.238427e-01, energy=-0.2122144496
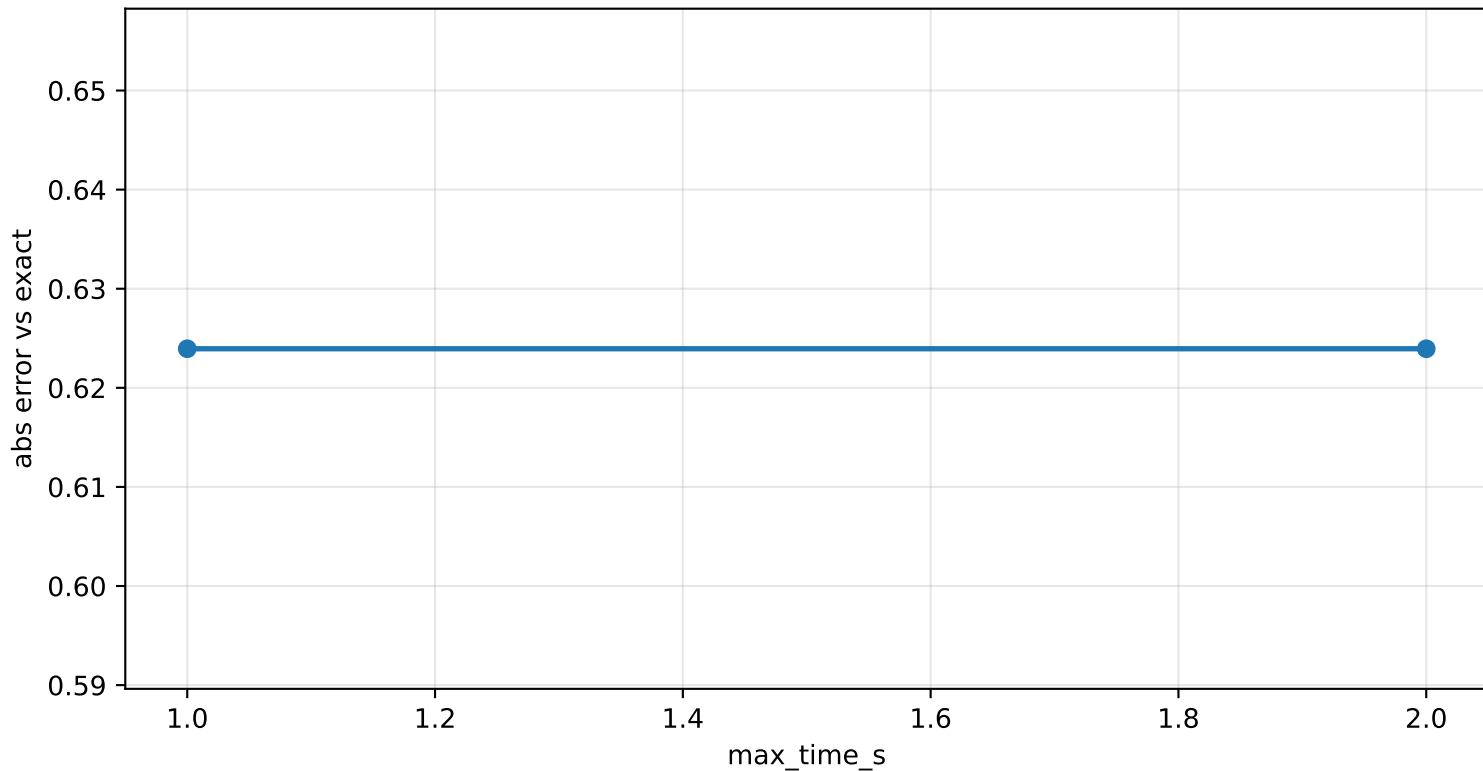
Assumptions:
- Sector exact energy is the reference ground truth.
- Current selection policy is the configured 'current' policy.
- Reference selection policy is directional FD.

L4 Frozen-Sequence Reoptimization

L4 Budget Ladder (ADAPT-UCCSD)

L4 Prefix Quality (Reoptimized)