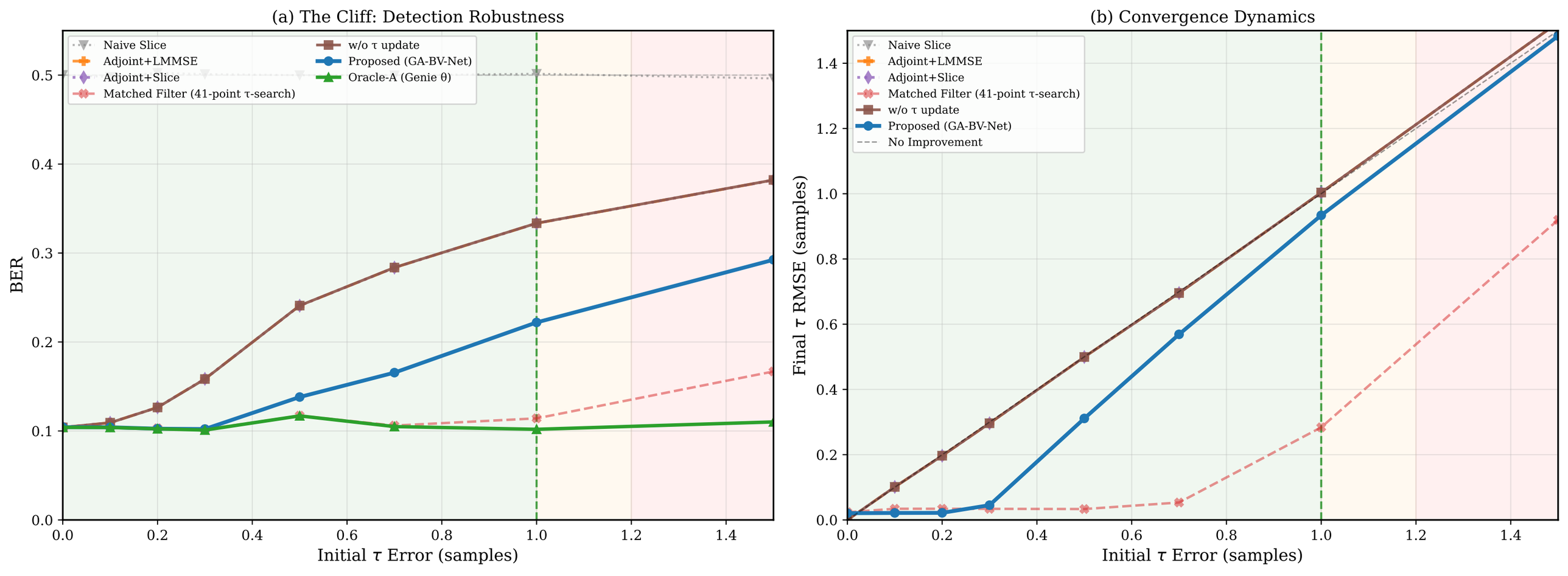
(a) The Cliff: Detection Robustness
Naive Slice
Adjoint+LMMSE
Adjoint+Slice
Matched Filter (41-point τ-search)
w/o τ update
Proposed (GA-BV-Net)
Oracle-A (Genie θ)
BER
Initial τ Error (samples)
(b) Convergence Dynamics
Naive Slice
Adjoint+LMMSE
Adjoint+Slice
Matched Filter (41-point τ-search)
w/o τ update
Proposed (GA-BV-Net)
No Improvement
Final τ RMSE (samples)
Initial τ Error (samples)