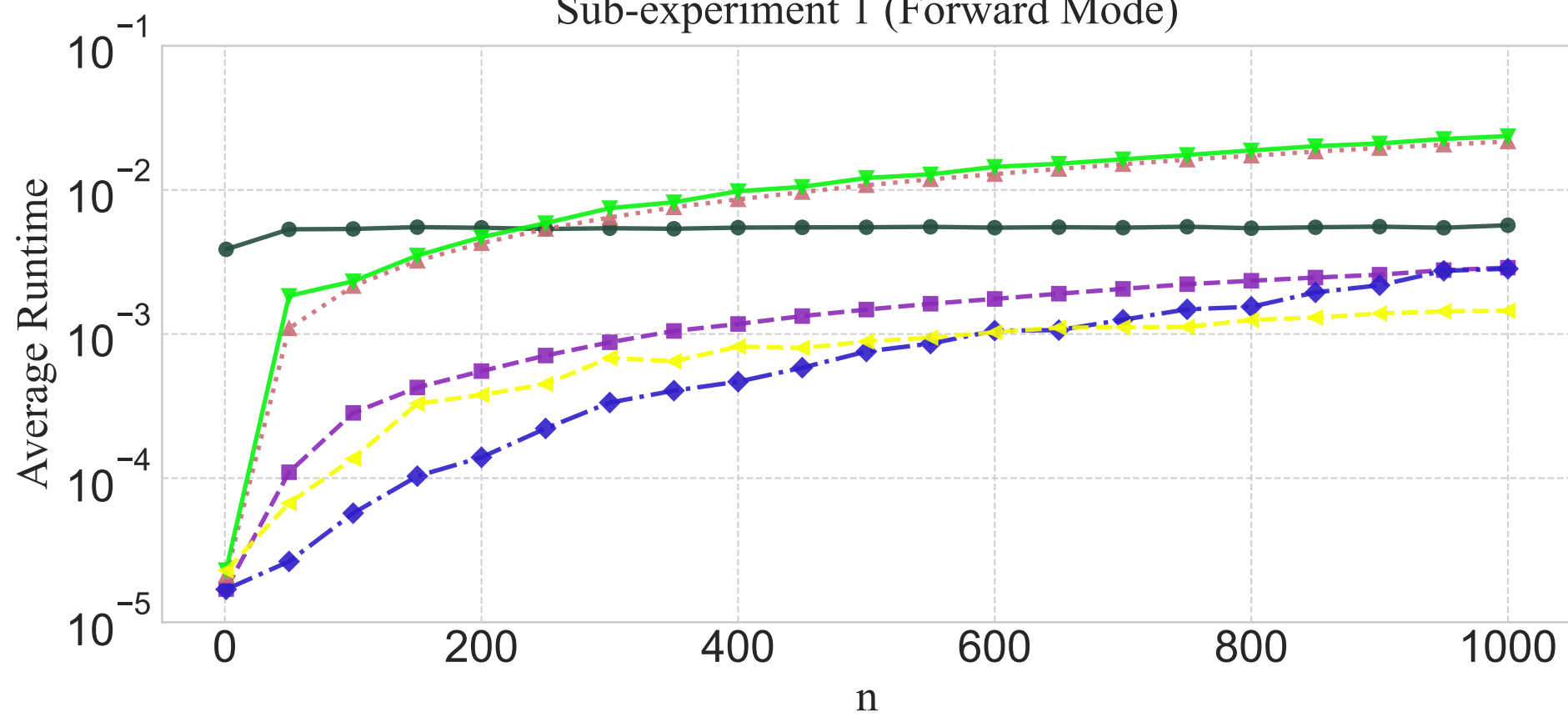
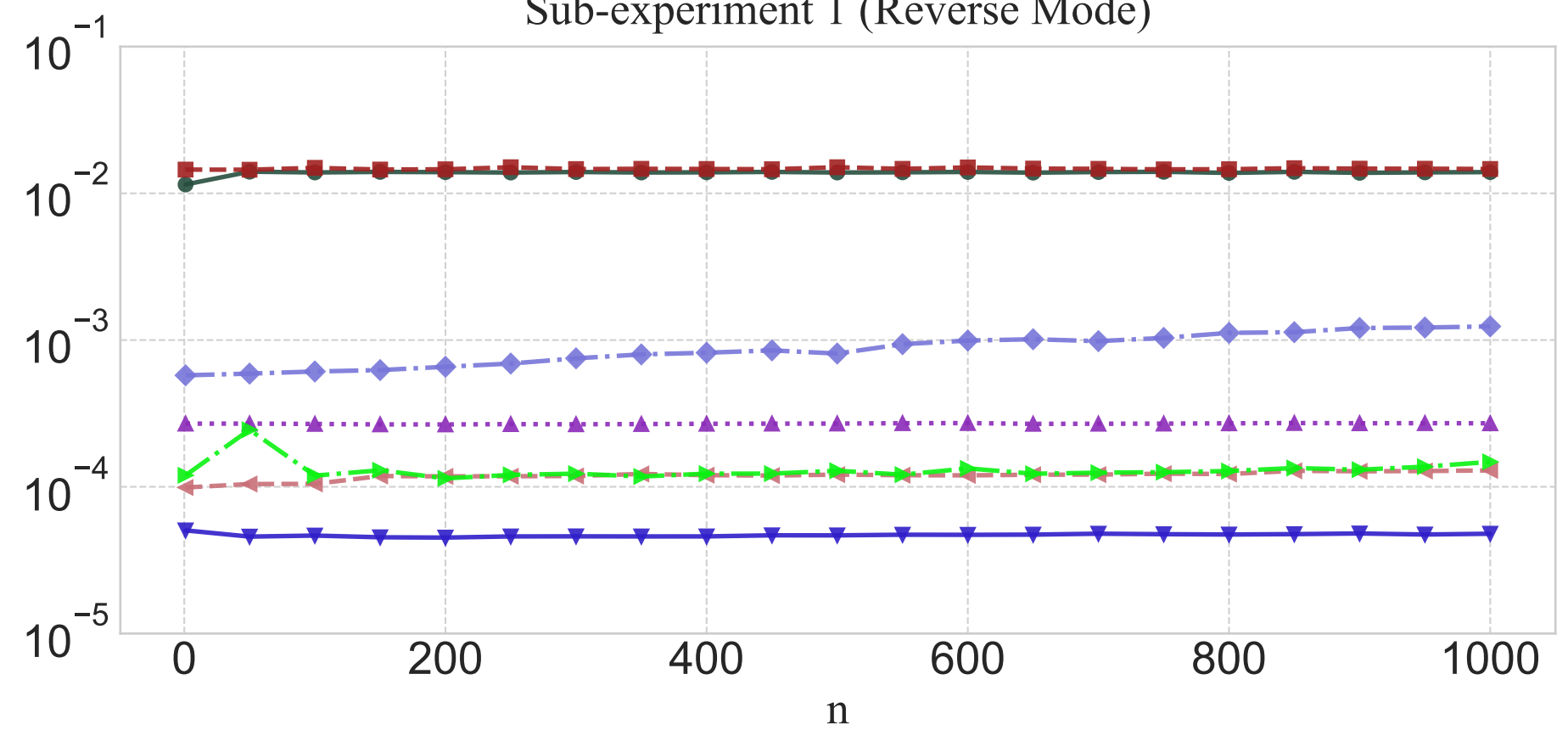


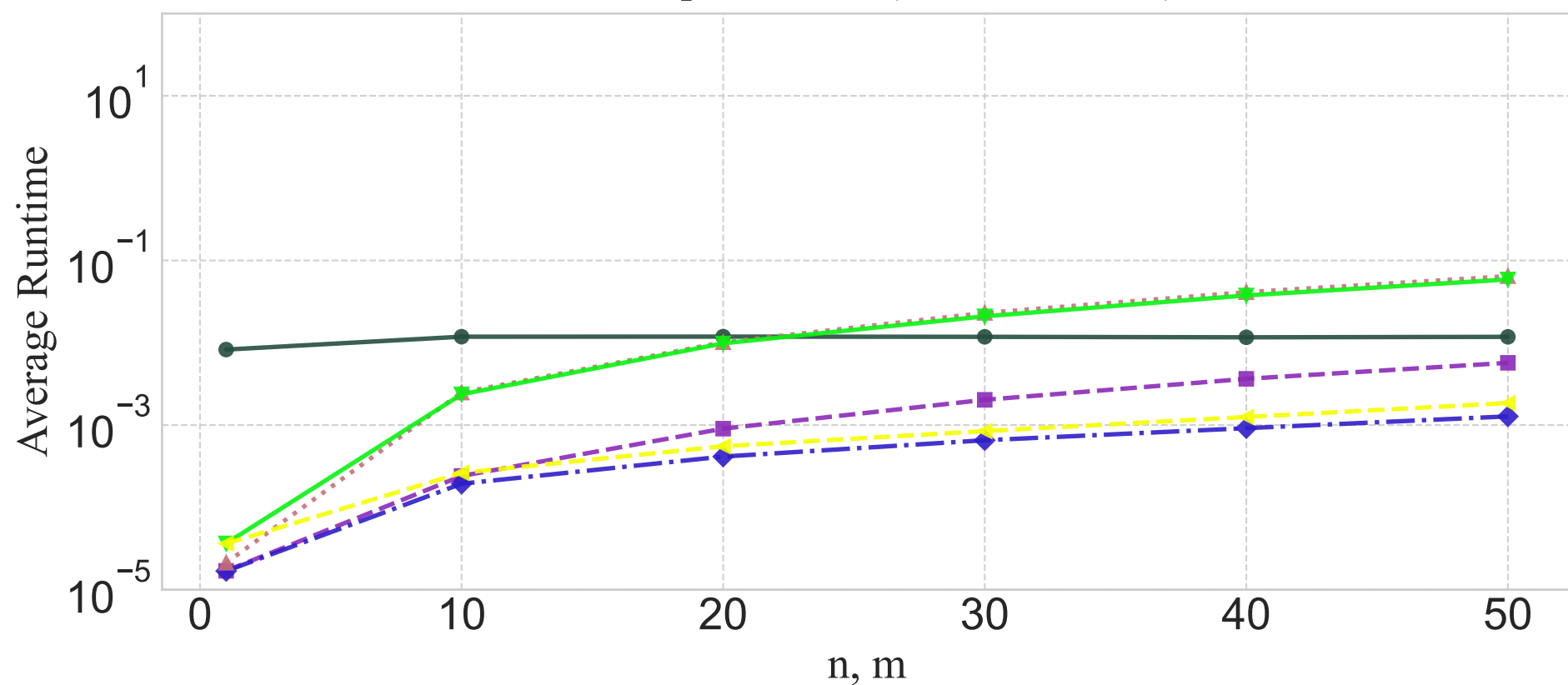
Sub-experiment 1 (Forward Mode)



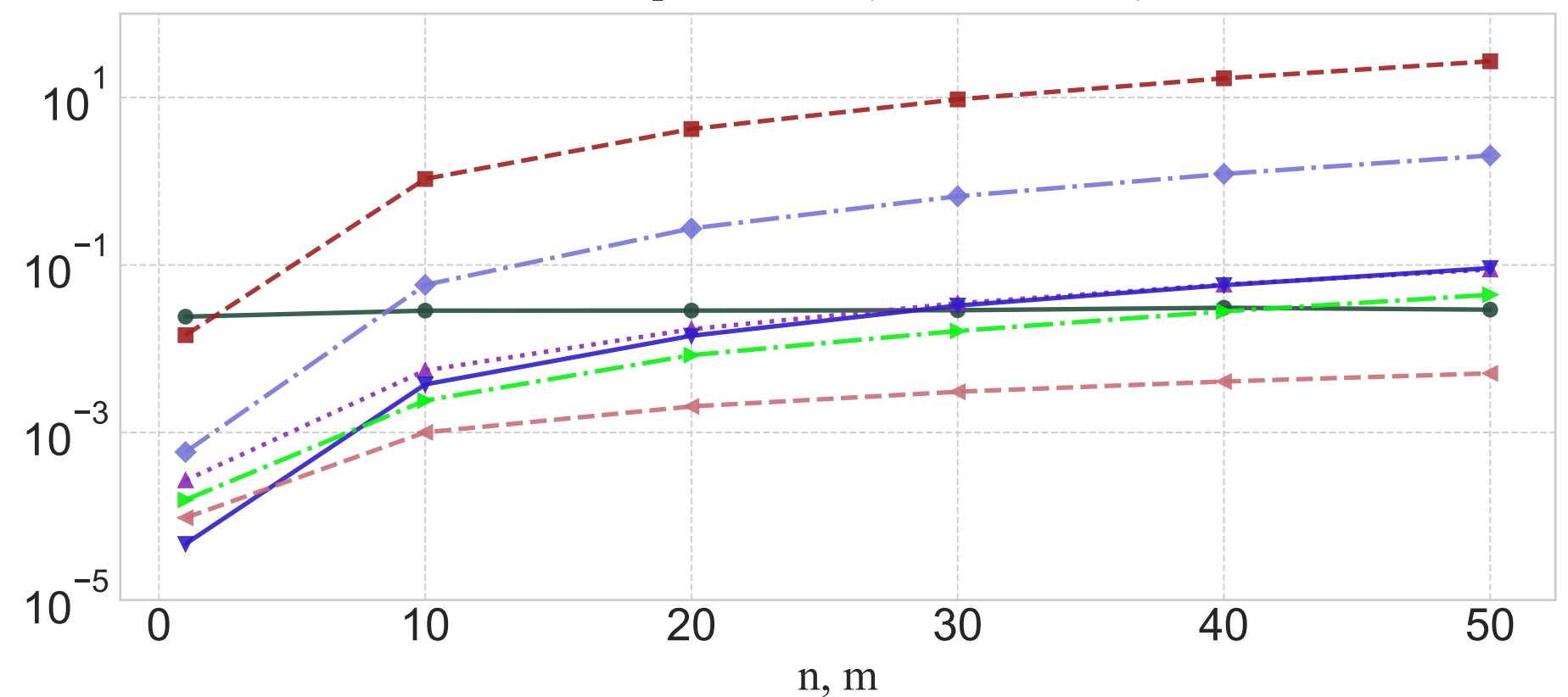
Sub-experiment 1 (Reverse Mode)



Sub-experiment 2 (Forward Mode)



Sub-experiment 2 (Reverse Mode)



—●— JAX (Python) —◆— Enzyme.jl (Julia) —▼— ad-trait (Rust)
 - -■- ForwardDiff.jl (Julia) ···▲··· AutoDiff (C++) - -▲- ad-trait SIMD (Rust)

—●— JAX (Python) ···▲··· ReverseDiff.jl (Julia) - -▲- AutoDiff (C++)
 - -■- PyTorch (Python) —▼— Enzyme.jl (Julia) —▶— ad-trait (Rust)
 - -◆- Zygote.jl (Julia)