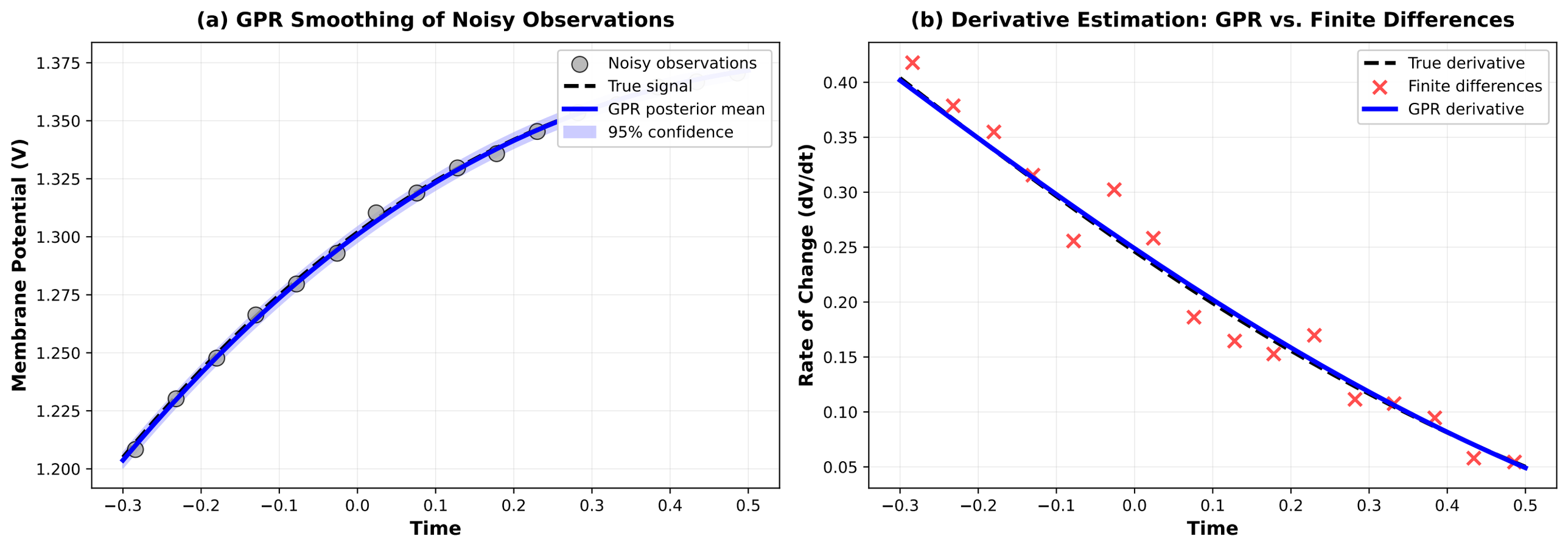
(a) GPR Smoothing of Noisy Observations
Noisy observations
True signal
GPR posterior mean
95% confidence
Membrane Potential (V)
Time
(b) Derivative Estimation: GPR vs. Finite Differences
True derivative
Finite differences
GPR derivative
Rate of Change (dV/dt)
Time