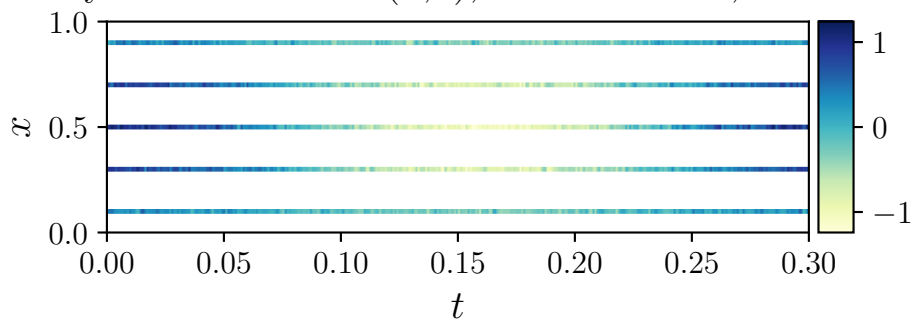
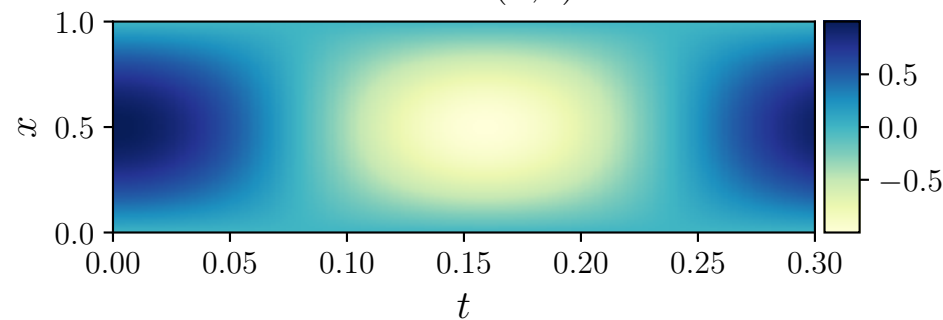


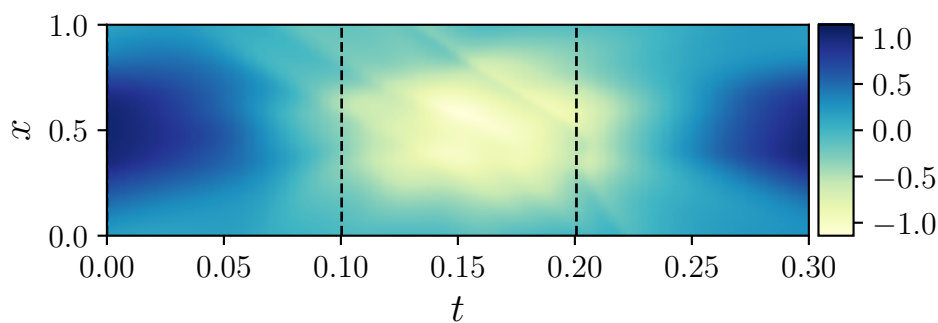
Noisy measurement $\tilde{w}(x, t)$, SNR = 10 dB, 5 sensors



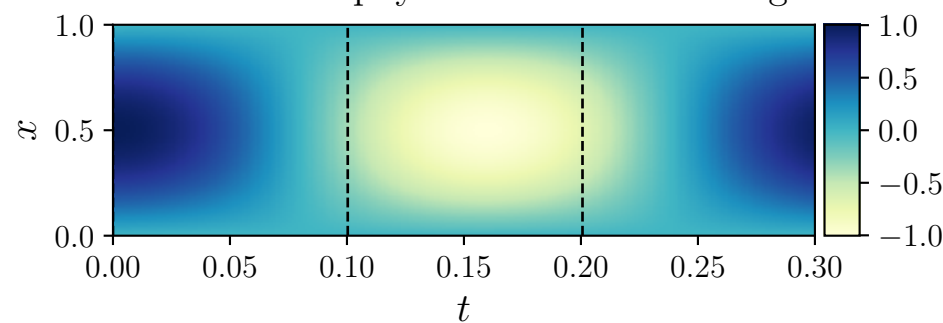
Exact $w(x, t)$



Result from data-driven method

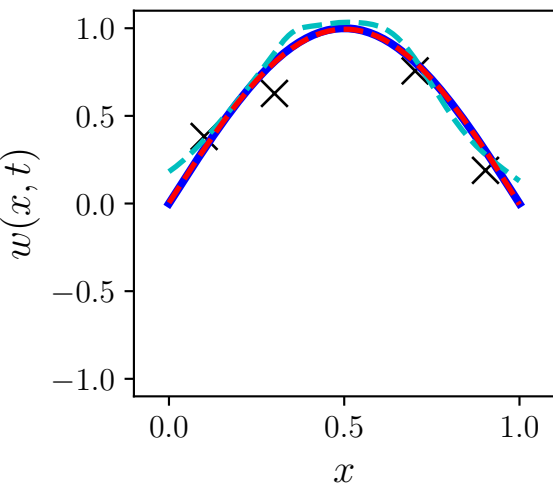


Result from physics-informed learning



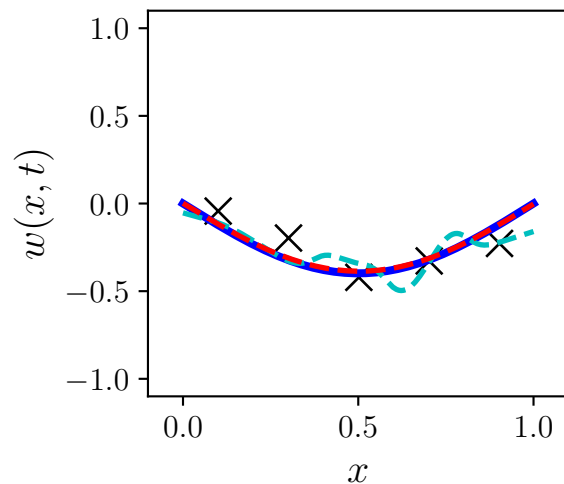
$t = 0.00$

Error: 18.17%(DD) vs 0.38%(PI)



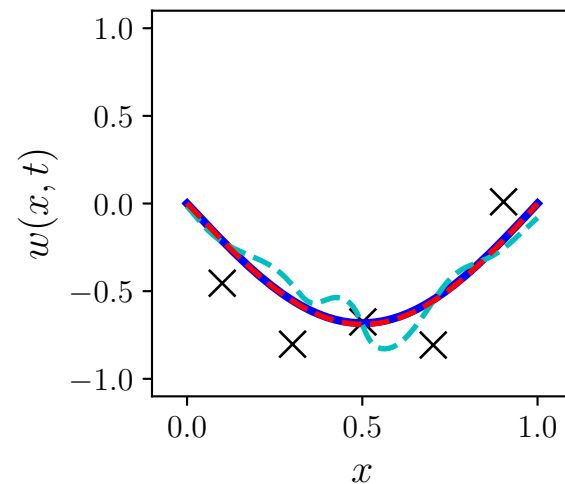
$t = 0.10$

Error: 8.99%(DD) vs 1.25%(PI)



$t = 0.20$

Error: 13.04%(DD) vs 0.12%(PI)



— Exact Solution × Noisy Measurement - - - Data-driven - - - Physics-informed