$u(t, x)$

Data (1000 points)

$t = 0.25$ | $t = 0.50$ | $t = 0.75$

Exact — — Prediction

Correct PDE	$u_t + uu_x - 0.0031831u_{xx} = 0$
Identified PDE (clean data)	$u_t + 0.99963uu_x - 0.0031955u_{xx} = 0$
Identified PDE (1% noise)	$u_t + 1.00149uu_x - 0.0031788u_{xx} = 0$