$u(t, x)$

$t = 0.20$
199 trainng data

$t = 0.80$
201 trainng data

$u(t, x)$

— Exact   ✕ Data

Correct PDE	$u_t + uu_x + 0.0025u_{xxx} = 0$
Identified PDE (clean data)	$u_t + 1.000uu_x + 0.0025000u_{xxx} = 0$
Identified PDE (1% noise)	$u_t + 1.000uu_x + -5.9914395u_{xxx} = 0$