$u(t,x)$

Data (8 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)	$u_t + 0.25551uu_x - 0.0026605u_{xx} = 0$
Identified PDE (1% noise)	$u_t + 0.28519uu_x - 0.0028861u_{xx} = 0$