

		<b>True Equation</b>
		$u_t = 0.080000u_{xx} + -1.200000u_x$
$\sigma$	<b>Method</b>	<b>Learned Equation</b>
0.0	FD	$u_t = -1.194886u_x + 0.080959u_{xx}$
0.01	FD	$u_t = -1.204546u_x$
0.05	FD	$u_t = 0$
0.10	FD	$u_t = -0.329025u_x$
0.25	FD	$u_t = 0$
0.50	FD	$u_t = 0$
0.0	LCVSP	$u_t = -1.206254u_x + 0.081930u_{xx}$
0.01	LCVSP	$u_t = -1.202511u_x + 0.076124u_{xx}$
0.05	LCVSP	$u_t = -1.111681u_x$
0.10	LCVSP	$u_t = 0$
0.25	LCVSP	$u_t = 0$
0.50	LCVSP	$u_t = 0$
0.0	LNCVSP	$u_t = -1.204874u_x + 0.082069u_{xx}$
0.01	LNCVSP	$u_t = -1.206943u_x + 0.081132u_{xx}$
0.05	LNCVSP	$u_t = -1.190837u_x$
0.10	LNCVSP	$u_t = -1.113043u_x$
0.25	LNCVSP	$u_t = 0$
0.50	LNCVSP	$u_t = 0$
0.0	ANN	$u_t = -1.240947u_x + 0.070534u_{xx}$
0.01	ANN	$u_t = -1.213077u_x$
0.05	ANN	$u_t = -1.229641u_x + 0.077089u_{xx}$
0.10	ANN	$u_t = -1.229760u_x + 0.079494u_{xx}$
0.25	ANN	$u_t = -1.203894u_x + 0.078395u_{xx}$
0.50	ANN	$u_t = -1.193848u_x + 0.066003u_{xx}$