		True Equation
		$u_t = 0.600000u_{xx} + 1.000000uu_x$
σ	**Method**	**Learned Equation**
0.0	FD	$u_t = 0.600075u_{xx} + 1.002067uu_x$
0.01	FD	$u_t = -1.498905u$
0.10	FD	$u_t = -1.525888u$
0.25	FD	$u_t = 0$
0.50	FD	$u_t = 0$
0.0	LCVSP	$u_t = 0.600204u_{xx} + 0.998713uu_x$
0.01	LCVSP	$u_t = -1.502450u$
0.05	LCVSP	$u_t = -1.497944u$
0.10	LCVSP	$u_t = -1.497604u$
0.25	LCVSP	$u_t = -1.367436u$
0.50	LCVSP	$u_t = 0$
0.0	LNCVSP	$u_t = 0.600327u_{xx} + 0.998459uu_x$
0.01	LNCVSP	$u_t = -1.503819u$
0.05	LNCVSP	$u_t = -1.514509u$
0.10	LNCVSP	$u_t = -1.504211u$
0.25	LNCVSP	$u_t = -1.471089u$
0.50	LNCVSP	$u_t = -1.390105u$
0.0	ANN	$u_t = -1.508629u$
0.01	ANN	$u_t = -1.521251u$
0.05	ANN	$u_t = -1.503749u$
0.10	ANN	$u_t = -1.520960u$
0.50	ANN	$u_t = -1.510723u$

Table 1: Burgers learned equation