

		True Equation
		$u_t = 0.050000u_{xx} + 15.000000u + -7.500000u^2$
σ	Method	Learned Equation
0.0	FD	$u_t = 0.050752u_{xx} + -7.492064u^2 + 14.989317u$
0.01	FD	$u_t = -6.745575u^2 + 13.378114u$
0.05	FD	$u_t = 0$
0.10	FD	$u_t = 0$
0.25	FD	$u_t = 2.229899$
0.50	FD	$u_t = 0$
0.0	LCVSP	$u_t = 0.047061u_{xx} + -7.470261u^2 + 14.935312u$
0.01	LCVSP	$u_t = 0.033111u_{xx} + -7.224076u^2 + 14.428541u$
0.05	LCVSP	$u_t = -6.277497u^2 + 12.608248u$
0.10	LCVSP	$u_t = 0$
0.25	LCVSP	$u_t = 0$
0.50	LCVSP	$u_t = 0$
0.0	LNCVSP	$u_t = 0.048915u_{xx} + -7.473686u^2 + 14.948707u$
0.01	LNCVSP	$u_t = 0.045212u_{xx} + -7.398792u^2 + 14.797981u$
0.05	LNCVSP	$u_t = -6.762326u^2 + 13.442374u$
0.10	LNCVSP	$u_t = -6.527759u^2 + 13.027247u$
0.25	LNCVSP	$u_t = 0$
0.50	LNCVSP	$u_t = 0$
0.0	ANN	$u_t = -6.956080u^2 + 13.709073u$
0.01	ANN	$u_t = -6.801956u^2 + 13.460688u$
0.05	ANN	$u_t = -6.676666u^2 + 13.295807u$
0.10	ANN	$u_t = -6.188582u^2 + 12.628203u$
0.25	ANN	$u_t = -5.997008u^2 + 12.728506u$
0.50	ANN	$u_t = -5.019812u^2 + 12.883464u$

Table 3: Learned equations for the new fisher parameter values