Correct PDE: 0.03183 u_xx - 1.0 uu_x   (viscosity = 0.1/pi)

Model	Discovered equation and parameters
128x64 (x,t train dataset)	
PINN	0.0318582 u_xx - 0.99928 uu_x
STLSQ	0.03222 u_xx - 1.00012 uu_x
FROLS	0.032 u_xx - 1.000 uu_x
SR3	0.032 u_xx - 1.000 uu_x
SSR	0.003 u + 0.032 u_xx - 1.002 uu_x
256x128 (x,t train dataset)	
PINN	0.0318372 u_xx - 0.99924 uu_x
STLSQ	0.03193 u_xx - 1.00002 uu_x
FROLS	0.032 u_xx - 1.000 uu_x
SR3	0.032 u_xx - 1.000 uu_x
SSR	0.001 u + 0.032 u_xx - 1.000 uu_x
512x256 (x,t train dataset)	
PINN	0.0318292 u_xx - 0.99936 uu_x
STLSQ	0.03186 u_xx - 1.00001 uu_x
FROLS	0.032 u_xx - 1.000 uu_x
SR3	0.032 u_xx - 1.000 uu_x
SSR	0.032 u_xx - 1.000 uu_x