Identified PDEs

	None	Moving Avg	Cubic Spline	Savitzky Golay	Kernel Filter
1 term	NA	NA	NA	NA	NA
2 term	$-15.41151uu_x +$ $27.02933u^2u_x$	NA	$0.75035uu_{xx}$ $+$ $-1.96325u^2u_{xx}$	$-11.11566uu_x +$ $17.21850u^2u_x$	NA
3 term	$-15.13381uu_x +$ $32.80010u^2u_x$ $+$ $0.60793u^2u_{xx}$	NA	NA	NA	$-170.82662uu_x+$ $505.85775u^2u_x+$ $-137.62189u^2u_{xxxx}$
4 term	NA	$0.01978uu_{xxx}$ $+$ $-0.04251u^2u_{xxx}+$ $0.00100uu_{xxxx}+$ $-0.00243u^2u_{xxxx}$	NA	$-10.89777uu_x +$ $17.93925u^2u_x$ $+$ $-0.01969uu_{xxx}+$ $-0.00153u^2u_{xxxx}$	NA
5 term	NA	$-0.00017u_{xxxx}+$ $0.02076uu_{xxx}$ $+$ $-0.04358u^2u_{xxx}+$ $0.00186uu_{xxxx}+$ $-0.00336u^2u_{xxxx}$	$9.39276u$ $+$ $-56.27816u^2$ $+$ $-13.51867u^2u_x+$ $0.86100uu_{xx}$ $+$ $-3.11048u^2u_{xx}$	NA	NA
6 term	$-0.00018u_{xxxx}+$ $-16.80180uu_x +$ $38.43710u^2u_x$ $+$ $-0.06598u^2u_{xxx}+$ $0.00316uu_{xxxx}+$ $-0.01230u^2u_{xxxx}$	NA	$10.40980u$ $+$ $-61.89290u^2$ $+$ $-0.10884u_{xx}$ $+$ $-19.83435u^2u_x+$ $1.64402uu_{xx}$ $+$ $-4.48042u^2u_{xx}$	NA	NA