

Observation Operator	Statistics	Integrator used with sampling filter					Traditional Filters	
		Verlet	Two-stage	Three-stage	Four-stage	Hilbert	EnKF	MLEF
Linear	Mean	0.266498	0.269914	0.263563	0.263878	1.413573	0.305293	3.318066
	Std	0.024486	0.026238	0.02482	0.028621	0.097418	0.091245	1.413271
Quadratic	Mean	4.492176	0.65887	0.577684	0.645417	2.487458	3.927612	5.118004
	Std	0.836105	0.828443	0.662738	0.8385	0.432504	0.323017	0.377321
Cubic	Mean	4.159783	1.300494	0.606089	0.454872	2.213129	8.768142	5.691641
	Std	0.382443	1.153967	0.482256	0.166534	0.220747	1.61792	0.665145
Absolute value	Mean	0.390026	0.488504	0.514439	0.401922	2.240063	0.235906	4.566194
	Std	0.472502	0.70202	0.719887	0.52001	0.410658	0.101655	0.794186
Quadratic with threshold	Mean	3.406461	0.303039	0.295141	0.303422	1.579326	2.801247	5.918242
	Std	1.067004	0.044306	0.03201	0.037552	0.119657	0.311357	0.603508
Exponential with $r = 0.2$	Mean	0.433829	0.408104	0.405423	0.408271	1.610456	3.153979	5.713367
	Std	0.267084	0.05718	0.055325	0.05946	0.10526	0.551218	0.934198