

Algorithm	Loc. radius r (in units of L)	Reg. jitter s	Other parameters	Average RMSE (in units of σ)	1-core wall-clock time (in s)	24-core wall-clock time (in s)
$S(\text{IRP}_P)^y \text{R}$	0.03	0.70	–	0.90	122.18	–
$S(\text{IR})^x \text{R}$	0.02	0.55	–	0.78	7.58	0.54 ($\times 14.04$)
$S(\text{IRP}_{\text{RK}})^y \text{R}$	0.07	0.25	–	0.46	52.97	–
$S(\text{IR})^x S_{\text{PM}} \text{R}_c$	0.05	1.00	$\alpha_s = 1, r_s = r$	0.38	226.20	12.50 ($\times 18.10$)
$S(\text{IT}_s)^x \text{R}$	0.08	0.11	$h = 3$	0.33	13.94	0.86 ($\times 16.21$)
$S(\text{IT}_s \text{P}_{\text{RK}})^y \text{R}$	0.20	0.01	$h = 1$	0.13	64.79	–
LETKF	0.35	1.04	–	0.10	103.90	5.09 ($\times 20.41$)