

Algorithm	Local importance weights (Sect. 4.2.2)		Local resampling algorithm (Sect. 4.4)	Section	Smoothing-by-weights method (Sect. 4.4.1)		Regularisation method (Sect. 5.2 and 5.8)		L96 benchmark sections
	Eq. (28)	Eq. (29)			–	Eq. (30)    Eq. (31)	Eq. (45)	Eq. (49)	
	(Non-Gaussian)	(Gaussian)			(Disabled)	(Enabled)	(White)	(Colour)	
$S(IR)^XR$		✓	Adjustment-minimising SU sampling	4.4.2	✓		✓		5.3 to 5.12
$S(I_{ng}R)^XR$	✓		Adjustment-minimising SU sampling	4.4.2	✓		✓		5.6
$S(IR_{su})^XR$		✓	SU sampling	–	✓		✓		5.7
$S(IR_d)^XR$		✓	Adjustment-minimising SU sampling with the same random numbers	4.4.2	✓		✓		5.7
$S(IR)^XR_c$		✓	Adjustment-minimising SU sampling	4.4.2	✓			✓	5.8 to 5.11
$S(IR)^XS_{PMR}$		✓	Adjustment-minimising SU sampling	4.4.2		✓	✓		5.9
$S(IR)^XS_{PMR}_c$		✓	Adjustment-minimising SU sampling	4.4.2		✓		✓	5.9, 5.12
$S(IT_R)^XR$		✓	Optimal ensemble coupling	4.4.3	✓		✓		5.10, 5.12
$S(IT_R)^XR_c$		✓	Optimal ensemble coupling	4.4.3	✓			✓	5.10
$S(IT_R)^XS_{PMR}$		✓	Optimal ensemble coupling	4.4.3		✓	✓		5.10
$S(IT_R)^XS_{PMR}_c$		✓	Optimal ensemble coupling	4.4.3		✓		✓	5.10
$S(IT_s)^XR$		✓	Anamorphosis	4.4.4	✓		✓		5.11, 5.12
$S(IT_s)^XR_c$		✓	Anamorphosis	4.4.4	✓			✓	5.11
$S(IT_s)^XS_{PMR}$		✓	Anamorphosis	4.4.4		✓	✓		5.11