

Total flux	Base (SiBCASA)	B1 (SiB3)	B2 (CT2013B)	B2' (CT2013B-avg)
Prior (PgC yr^{-1})	$-0.51(\pm 4.66)$	$-0.57(\pm 4.66)$	$-0.43(\pm 4.66)$	$-0.44(\pm 4.66)$
Optimized (PgC yr^{-1})	$-1.08(\pm 1.74)$	$-1.01(\pm 1.74)$	$-0.65(\pm 1.75)$	$-1.20(\pm 1.74)$
Flux adjustment (PgC yr^{-1})	-0.57	-0.44	-0.21	-0.76
BC adjustment (ppm, range)	-0.17 to 0.14	-0.17 to 0.14	-0.17 to 0.14	-0.17 to 0.14
BC adjustment (ppm, mean \pm SD)	$-0.004(\pm 0.0067)$	$-0.004(\pm 0.0067)$	$-0.004(\pm 0.0067)$	$-0.004(\pm 0.0067)$