

Variable	Time of day	Trajectory direction			
		SW	NW	NE	SE
k (ppbv yr ⁻¹)	all day	0.18	0.13	0.20	0.26
	day	0.17	0.14	0.28	0.35
	night	0.13	0.11	0.20	0.28
95 % confidence interval (ppbv yr ⁻¹)	all day	0.11–0.23	0.08–0.19	0.12–0.31	0.19–0.34
	day	0.13–0.23	0.07–0.19	0.15–0.41	0.26–0.44
	night	0.06–0.19	0.06–0.19	0.11–0.29	0.21–0.35
p	all day	< 0.01	< 0.01	< 0.01	< 0.01
	day	< 0.01	< 0.01	< 0.01	< 0.01
	night	0.01	< 0.01	< 0.01	< 0.01