

	C_1 (mg L ⁻¹)	pH	T	K_H^* (M hPa ⁻¹)	Estimated C_g (ppbv)	Measured C_g (ppbv)	Percent explained
FA (snow)	0.01	5.37	0	2.4×10^6	0.0001	3	0.005
AA (snow)	0.02	5.37	0	1.4×10^5	0.003	4	0.1
FA (soil)	2	6.5	15	1.0×10^7	0.004	1.5	0.3
AA (soil)	1	6.5	15	4.6×10^5	0.05	1.5	3.1