

Figure	Gas	Flux type	System	Method	<i>k</i> model	Effect size (slope)						Cohen's <i>D</i>
						Mean	SE	df	<i>t</i>	<i>p</i>	bse	
6a	CO ₂	Diffusion	Lake	Logger	Cole	0.13	0.11	965	1.25	0.23	0.03	0.02
–	CO ₂	Diffusion	Lake	Logger	Vachon	0.15	0.10	965	1.45	0.17	0.03	0.02
–	CO ₂	Diffusion	Lake	Logger	Heiskanen	0.09	0.07	965	1.33	0.31	0.06	–0.03
6d	CO ₂	Diffusion	Stream	Logger	This study	0.16	0.23	982	0.77	0.47	0.07	0.08
6b	CH ₄ *	Diffusion	Lake	Spot	Cole	0.00	0.21	72	0.00	0.93	0.02	0.14
–	CH ₄ *	Diffusion	Lake	Spot	Vachon	–0.01	0.22	72	–0.07	0.91	0.02	0.16
–	CH ₄	Diffusion	Lake	Spot	Heiskanen	–0.01	0.22	72	–0.06	0.88	0.03	0.31
7	CH ₄ *	Diffusion + ebullition	Lake	Chamber	–	–0.02	0.24	33	–0.20	0.49	0.09	–0.13
6e	CH ₄ *	Diffusion	Stream	Spot	This study	0.04	0.08	74	0.51	0.62	0.05	0.07
6c	N ₂ O	Diffusion	Lake	Spot	Cole	–0.08	0.05	48	–1.45	0.17	0.02	–0.03
–	N ₂ O	Diffusion	Lake	Spot	Vachon	–0.09	0.06	48	–1.45	0.16	0.01	–0.04
–	N ₂ O*	Diffusion	Lake	Spot	Heiskanen	–0.11	0.07	48	–1.56	0.13	0.02	–0.03
6f	N ₂ O*	Diffusion	Stream	Spot	This study	–0.01	0.10	47	–0.05	0.87	0.03	–0.07