

S1 Table. Association between Incidence Rates of Melioidosis and Environmental Confounding Factors.

	Incidence Rate (95% CI)	CH ₄	CO	NO	NO ₂	NO _x	O ₃	PM ₁₀	PM _{2.5}	SO ₂	THC
Whole Period*											
2003-2023		Negative	Negative		Negative	Negative		Negative	Negative		Negative
Each Year**											
2003	0.00 (0.00-0.00)										
2004	0.00 (0.00-0.00)										
2005	2.60 (0.65-5.20)		Negative	Negative	Negative	Negative		Negative	Negative	Negative	
2006	1.30 (0.00-3.25)										
2007	0.00 (0.00-0.00)										
2008	5.85 (2.60-9.76)	Negative				Negative				Negative	Negative
2009	9.11 (4.55-14.31)	Negative	Negative		Negative		Negative	Negative	Negative		Negative
2010	11.06 (5.85-16.91)	Positive					Positive				Positive
2011	13.66 (8.46-19.51)			Negative	Negative	Negative	Positive			Negative	
2012	4.52 (1.29-8.39)										
2013	3.84 (1.28-7.05)			Negative			Positive				
2014	3.19 (0.64-6.37)										
2015	5.08 (1.91-8.89)	Negative	Negative		Negative	Negative		Negative	Negative		Negative
2016	3.16 (0.63-6.32)			Negative							
2017	2.51 (0.63-5.03)										
2018	3.13 (0.63-6.26)			Positive			Negative		Negative		
2019	2.49 (0.62-4.99)	Negative	Negative		Negative	Negative		Negative	Negative		Negative
2020	0.62 (0.00-1.86)										
2021	1.24 (0.00-3.09)										
2022	1.86 (0.00-4.34)	Negative	Negative	Negative	Negative	Negative			Negative		Negative
2023	0.62 (0.00-1.85)										

*: Significance $p < 0.05$; negative correlation between incidence rate and individual confounding factor across studied years.

** : Significance $p < 0.05$; negative or positive correlation between incidence rate and individual confounding factor in the indicated year.