

## Electronic Supplementary Material

### Epidemiological Characteristics of Influenza A and B in Macau, 2010–2018

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**Table S1.** Binary multivariable logistic regression of influenza A and influenza B in general year

Variables	Influenza A			Influenza B			
	OR <sup>a</sup>	95%CI <sup>b</sup>	P-value	OR	95%CI	P-value	
Age	0–4	1		1			
	5–10	1.46	1.35–1.56	$< 2 \times 10^{-16}$	4.38	3.95–4.88	$< 2 \times 10^{-16}$
	11–17	2.21	2.00–2.43	$< 2 \times 10^{-16}$	3.25	2.78–3.80	$< 2 \times 10^{-16}$
	18–39	2.07	1.96–2.20	$< 2 \times 10^{-16}$	2.39	2.14–2.67	$< 2 \times 10^{-16}$
	40–64	1.94	1.80–2.08	$< 2 \times 10^{-16}$	2.35	2.06–2.68	$< 2 \times 10^{-16}$
	> 64	1.02	0.93–1.13	0.6498	0.84	0.66–1.04	0.1121
Gender	Male	1		1			
	Female	0.97	0.93–1.01	0.1485	0.99	0.91–1.07	0.7763
Area	Local	1		1			
	Tourist	1.09	1.00–1.19	0.0557	1.15	0.98–1.33	0.0771
Season	Spring	1		1			
	Summer	1.62	1.51–1.72	$< 2 \times 10^{-16}$	0.29	0.26–0.33	$< 2 \times 10^{-16}$
	Autumn	1.23	1.15–1.32	$6.28 \times 10^{-9}$	0.14	0.11–0.16	$< 2 \times 10^{-16}$
	Winter	1.95	1.84–2.07	$< 2 \times 10^{-16}$	0.33	0.30–0.37	$< 2 \times 10^{-16}$

<sup>a</sup>OR: odds ratio<sup>b</sup>95% CI: 95% confident intervals**Table S2.** Binary multivariable logistic regression of influenza A in July 2017 and influenza B in January-February 2012 and January-February 2018

Variables	Influenza A in 2017			Influenza B in 2012 and 2018			
	OR <sup>a</sup>	95% CI <sup>b</sup>	P-value	OR	95% CI	P-value	
Age	0–4	1		1			
	5–10	1.25	1.00–1.56	0.04845	3.51	3.13–3.95	$< 2 \times 10^{-16}$
	11–17	2.15	1.46–3.18	0.0001	3.66	3.06–4.37	$< 2 \times 10^{-16}$
	18–39	2.04	1.70–2.44	$1.29 \times 10^{-14}$	2.24	1.99–2.53	$< 2 \times 10^{-16}$
	40–64	1.72	1.39–2.13	$5.13 \times 10^{-7}$	2.04	1.76–2.37	$< 2 \times 10^{-16}$
	> 64	1.48	1.16–1.89	0.0016	1.07	0.93–1.22	0.3131
Gender	Male	1		1			
	Female	0.97	0.85–1.11	0.6870	1.03	0.95–1.12	0.4670
Area	Local	1		1			
	Tourist	1.32	1.07–1.63	0.0091	1.25	0.10–1.56	0.0474

<sup>a</sup>OR: odds ratio<sup>b</sup>95% CI: 95% confident intervals