

Table A1 Seasonal indices of influenza for the 31 Chinese provinces calculated from the data from 2009-2012

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
ANHUI	1.12	1.26	1.33	0.86	0.60	0.44	0.54	0.92	1.65	0.95	1.09	1.24
BEIJING	0.93	0.38	0.43	0.19	0.07	0.05	0.28	1.77	4.19	1.53	0.93	1.26
CHONGQING	0.22	0.61	0.78	0.43	0.42	0.68	0.48	0.44	2.80	3.44	1.29	0.40
FUJIAN	0.81	0.84	1.10	0.76	0.91	1.04	1.24	1.11	0.86	0.63	0.78	1.93
GANSU	0.56	0.63	1.15	1.16	1.08	0.51	0.32	0.36	0.82	1.09	2.69	1.63
GUANGDONG	0.39	0.74	1.67	1.00	1.05	1.09	0.93	0.92	0.86	0.44	1.70	1.21
GUANGXI	0.38	0.60	0.76	0.60	0.52	0.97	0.60	0.31	1.73	1.03	2.77	1.73
GUIZHOU	0.48	0.51	0.67	0.40	0.35	0.48	0.26	0.49	2.05	2.69	2.91	0.71
HAINAN	0.37	0.54	1.93	0.76	1.60	0.67	0.41	0.61	1.64	1.62	1.26	0.59
HEBEI	1.11	1.27	1.24	0.98	0.69	0.52	0.43	0.55	0.93	1.12	1.49	1.67
HELONGJIANG	1.37	1.21	1.29	0.42	0.70	0.27	0.19	0.31	1.32	2.38	1.19	1.34
HENAN	0.93	0.90	1.08	0.87	0.75	0.57	0.47	0.91	1.43	1.03	1.45	1.62
HUBEI	0.56	0.85	0.82	0.49	0.49	0.35	0.48	1.20	2.19	0.77	2.08	1.72
HUNAN	0.66	1.00	1.39	0.60	0.54	0.56	0.71	1.01	1.18	1.03	2.27	1.05
JIANGSU	1.06	1.43	1.33	0.59	0.35	0.29	0.65	1.92	2.89	0.59	0.35	0.56
JIANGXI	0.77	0.98	1.16	0.77	0.66	0.66	0.54	0.91	1.48	0.94	1.65	1.47
JILIN	1.70	1.46	1.87	0.94	0.37	0.33	0.35	0.51	1.26	0.90	0.94	1.36
LIAONING	1.96	1.35	1.69	0.62	0.37	0.30	0.12	0.67	1.99	0.79	0.94	1.20
NEIMENGGU	0.44	0.56	0.96	0.57	1.82	0.66	0.22	0.29	0.87	1.58	2.52	1.50
NINGXIA	1.01	1.03	1.60	0.61	0.43	0.28	0.14	0.14	0.64	1.45	2.63	2.04
QINGHAI	1.57	0.99	1.35	1.64	0.92	0.30	0.22	0.34	0.39	0.83	1.05	2.40
SHAANXI	0.65	0.86	0.74	0.48	0.29	0.21	0.13	0.23	0.80	0.92	3.24	3.47
SHANDONG	1.58	1.39	1.10	0.86	0.41	0.28	0.21	0.50	1.29	0.80	1.55	2.03
SHANGHAI	1.90	1.82	1.77	0.78	0.33	0.27	1.06	1.40	1.15	0.40	0.29	0.82
SHANXI	0.97	1.18	0.95	0.46	0.37	0.50	0.24	0.32	0.86	1.65	2.03	2.47
SICHUAN	0.52	0.62	0.63	0.48	0.39	0.35	0.54	0.94	2.97	2.06	1.72	0.77
TIANJIN	1.94	1.71	1.43	0.58	0.31	0.03	0.11	0.72	1.71	1.02	0.56	1.88
XINJIANG	0.91	0.73	2.61	0.38	0.27	0.04	0.02	0.05	1.09	1.34	3.14	1.41
XIZANG	0.13	0.66	0.10	2.08	0.97	0.03	0.06	0.00	0.89	2.60	4.39	0.07
YUNNAN	0.51	0.44	0.74	0.49	0.48	0.23	0.25	0.46	3.88	1.24	1.32	1.95
ZHEJIANG	1.07	1.12	1.24	0.64	0.52	0.38	0.61	1.63	2.07	0.58	1.31	0.85

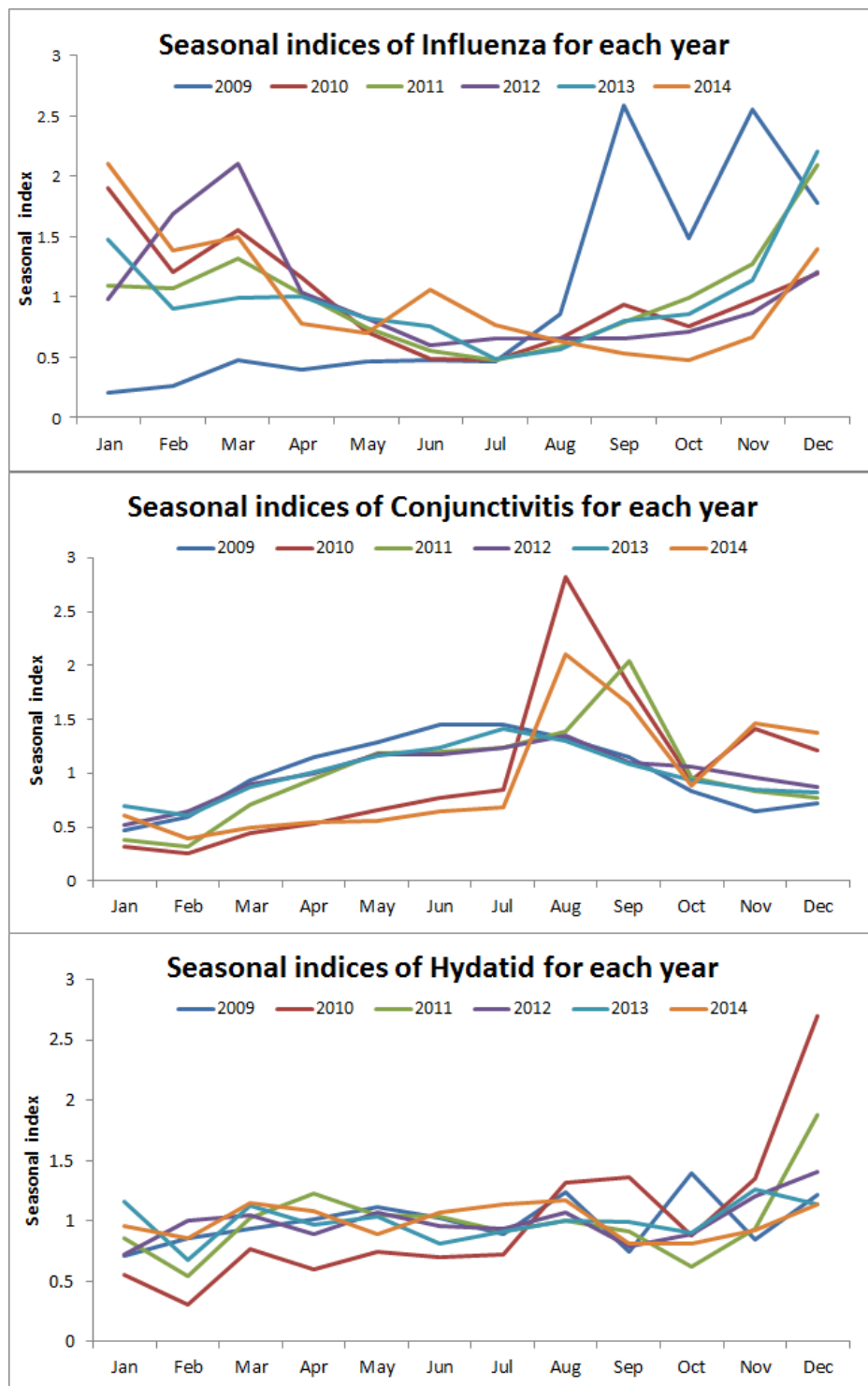


Figure A1 Seasonal indices of influenza,conjunctivitis and hydatid disease

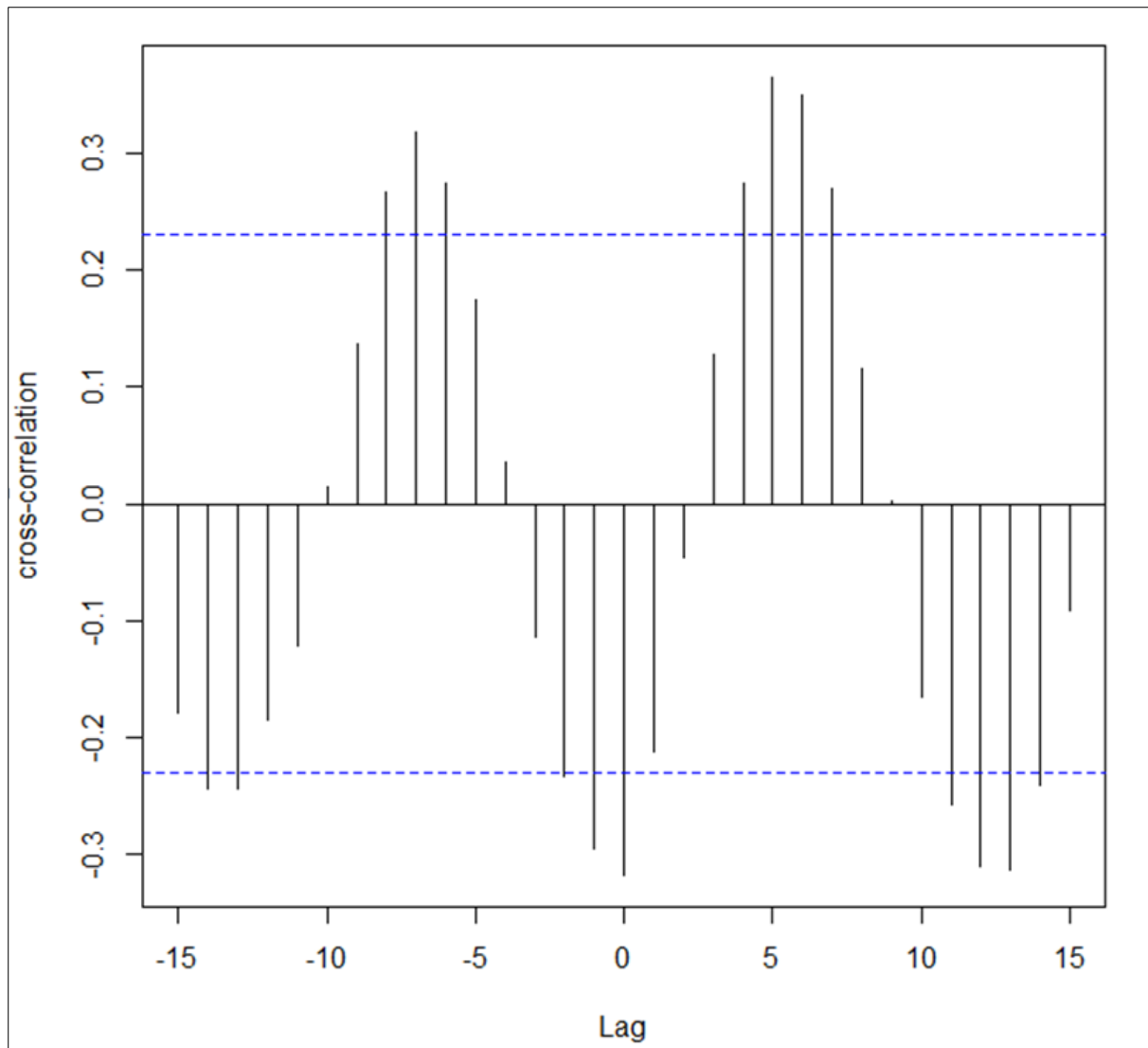


Figure A2 the time series cross correlation between average monthly temperature and influenza time series