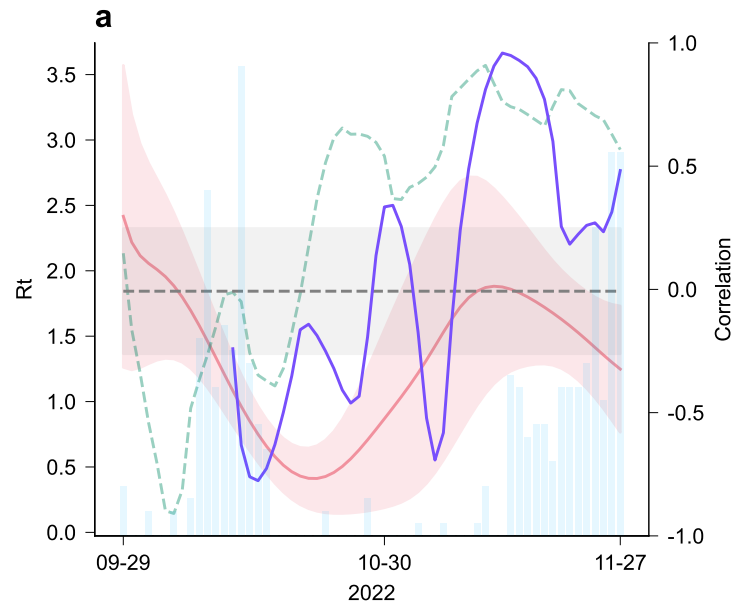
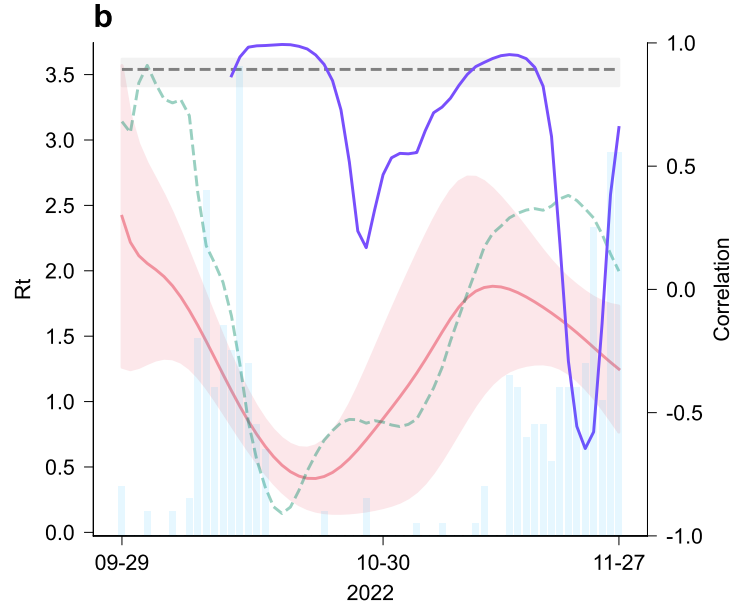


Anhui_Fuyang (Wave 2)

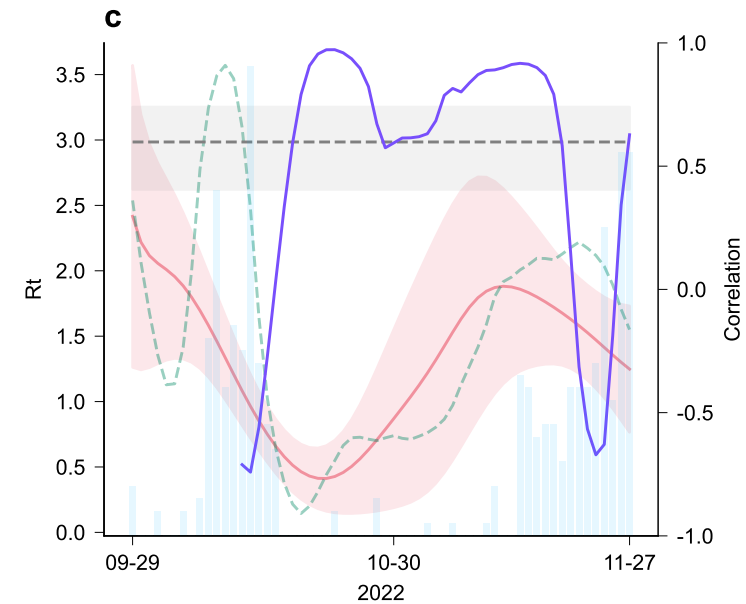
Within-city movement



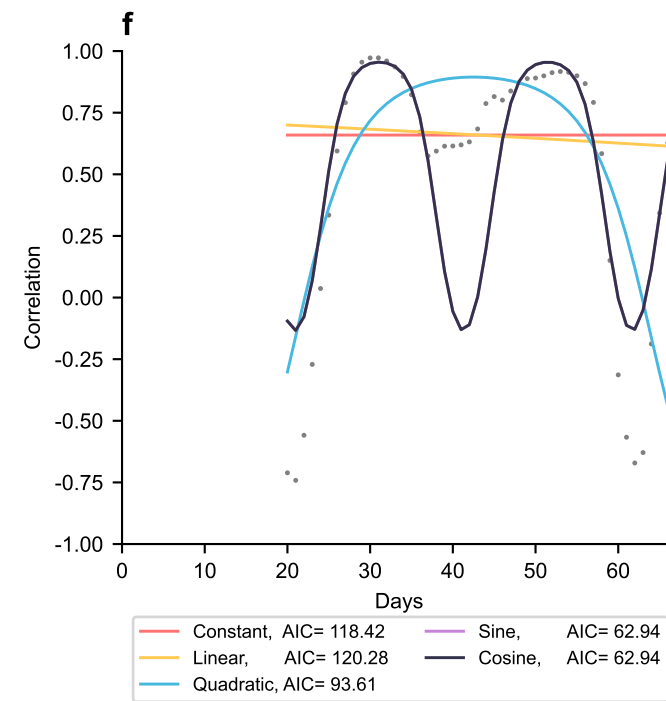
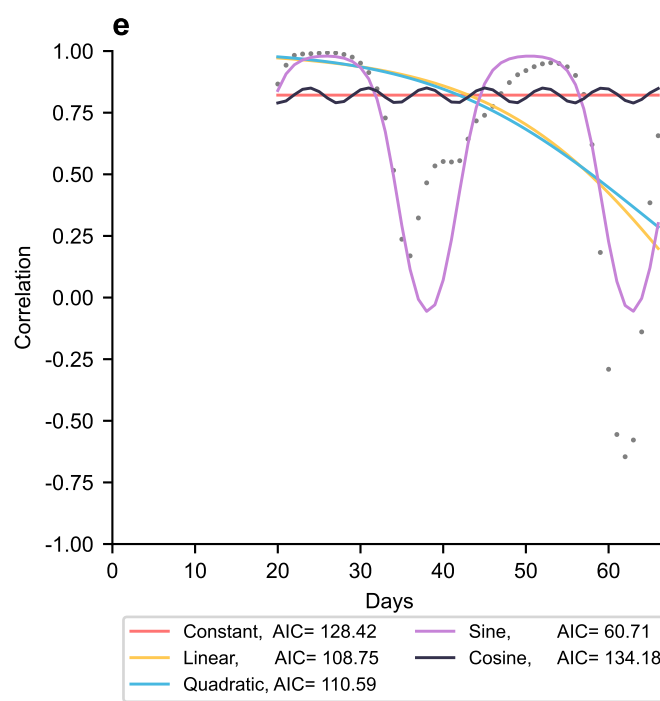
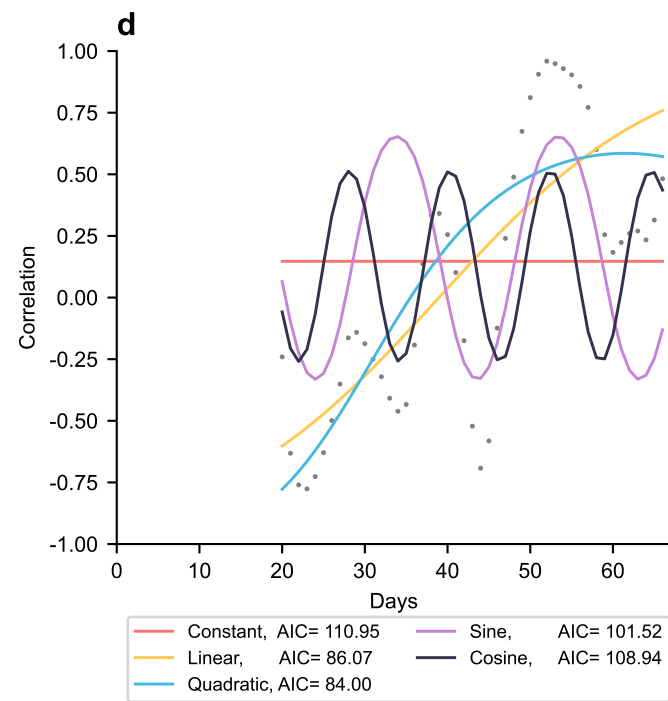
Inter-city inflow



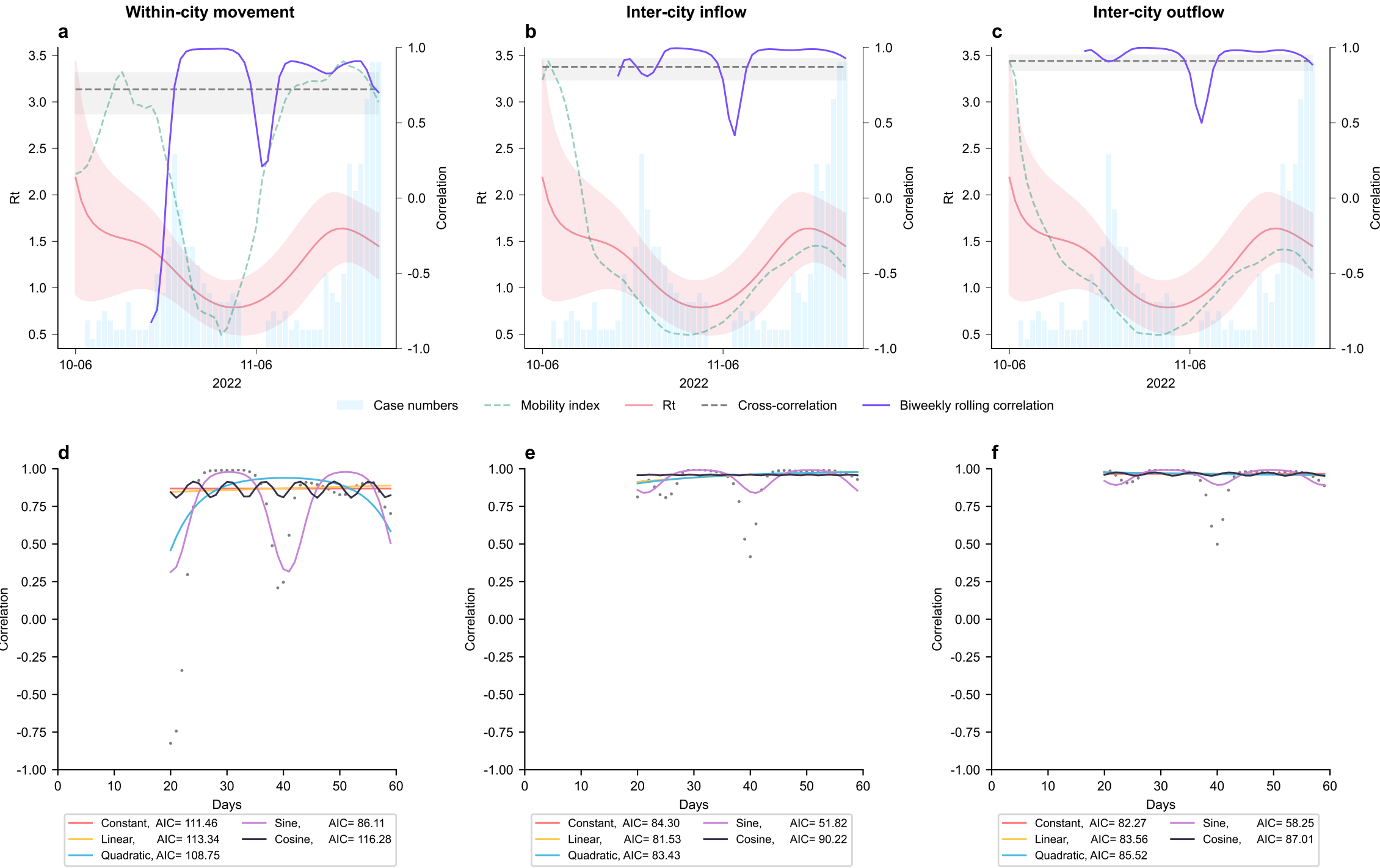
Inter-city outflow



Case numbers Mobility index R_t Cross-correlation Biweekly rolling correlation

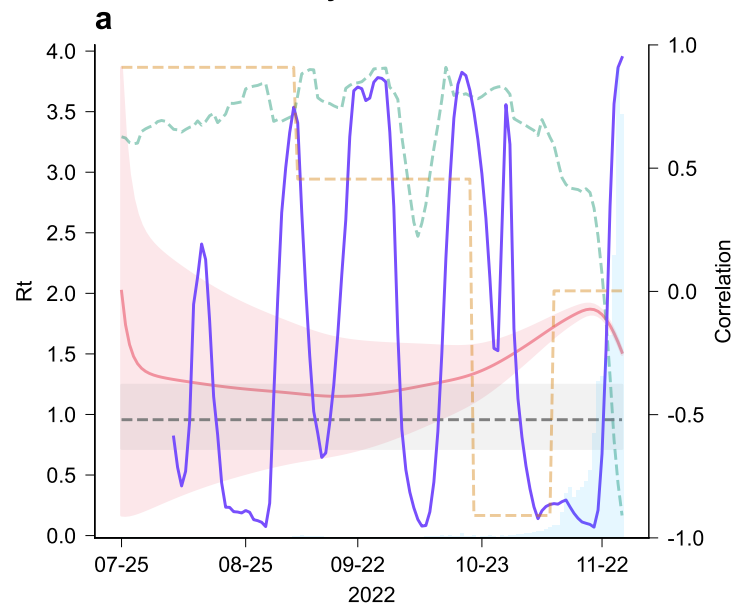


Anhui_Hefei (Wave 2)

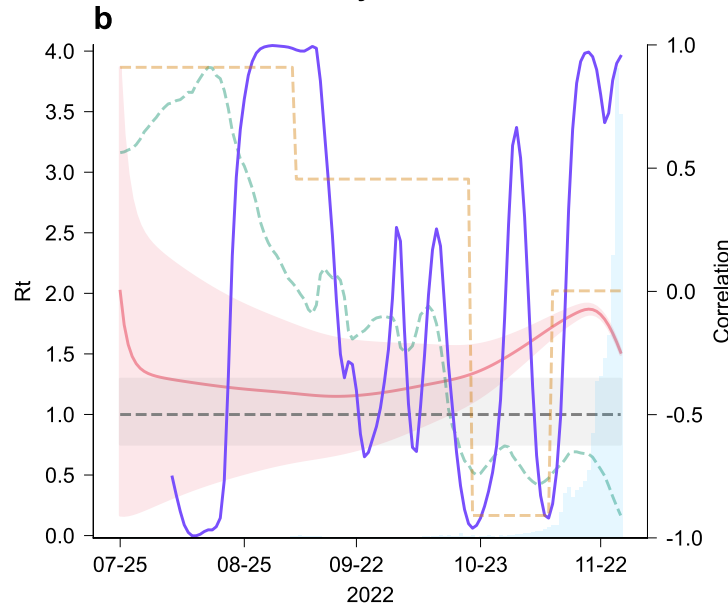


Beijing (Wave 2)

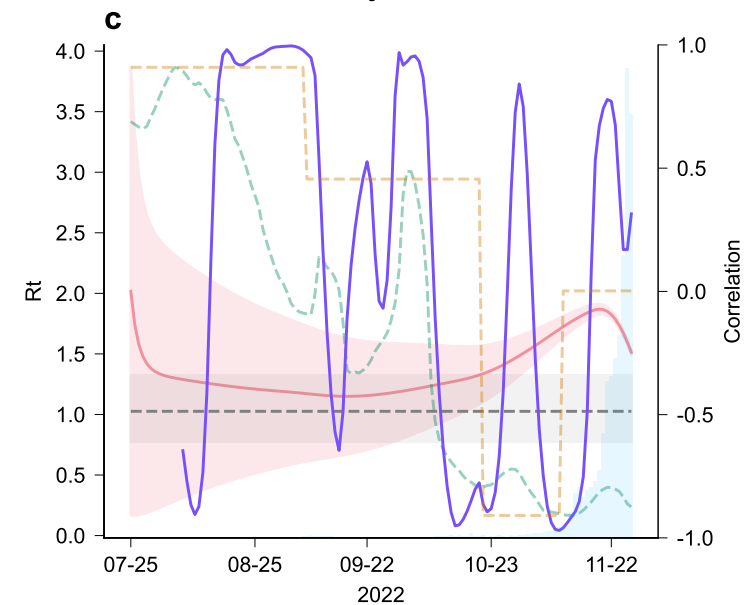
Within-city movement



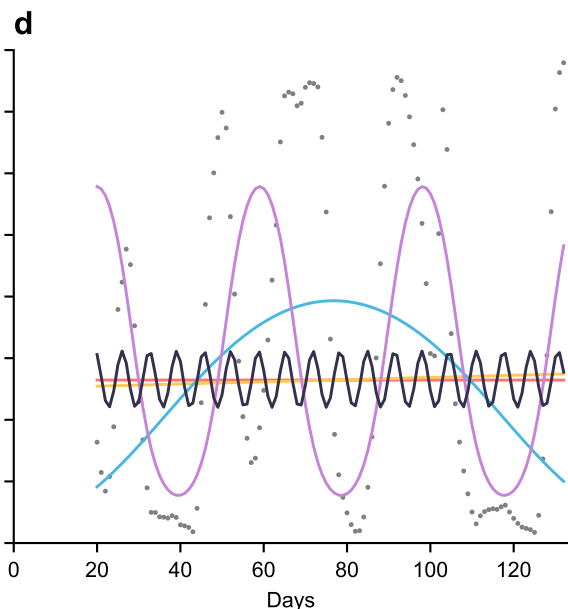
Inter-city inflow



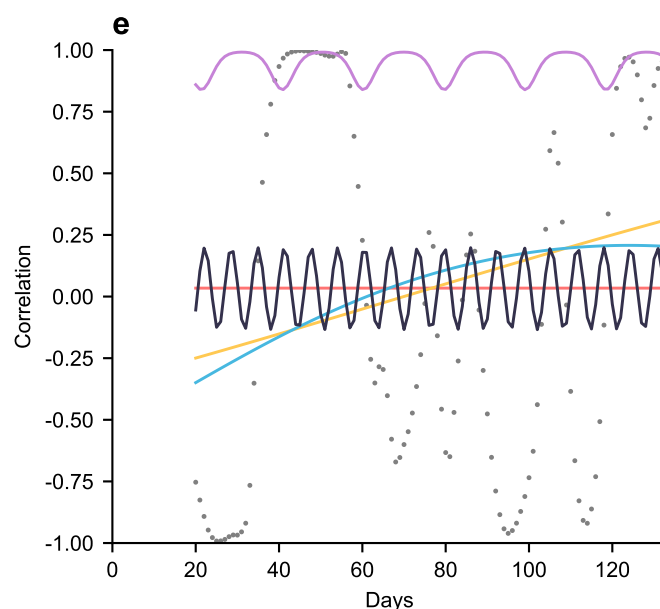
Inter-city outflow



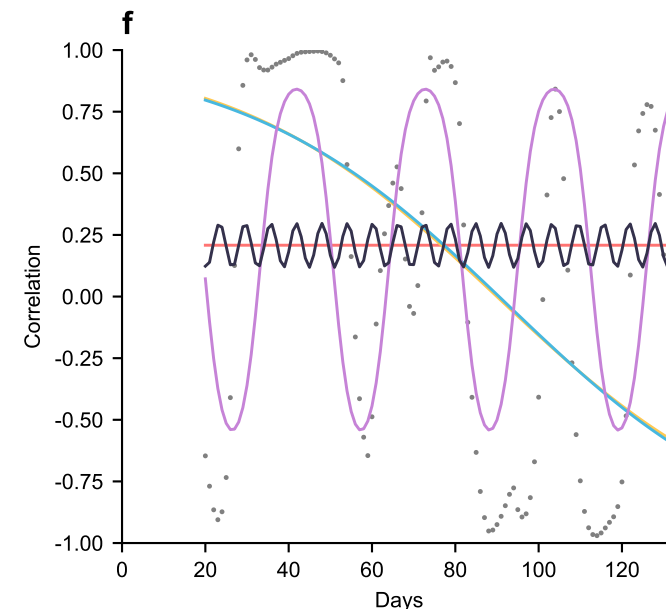
Case numbers Mobility index R_t Cross-correlation Biweekly rolling correlation GRI



Constant, AIC= 325.00 Sine, AIC= 290.90
Linear, AIC= 326.97 Cosine, AIC= 330.08
Quadratic, AIC= 318.85



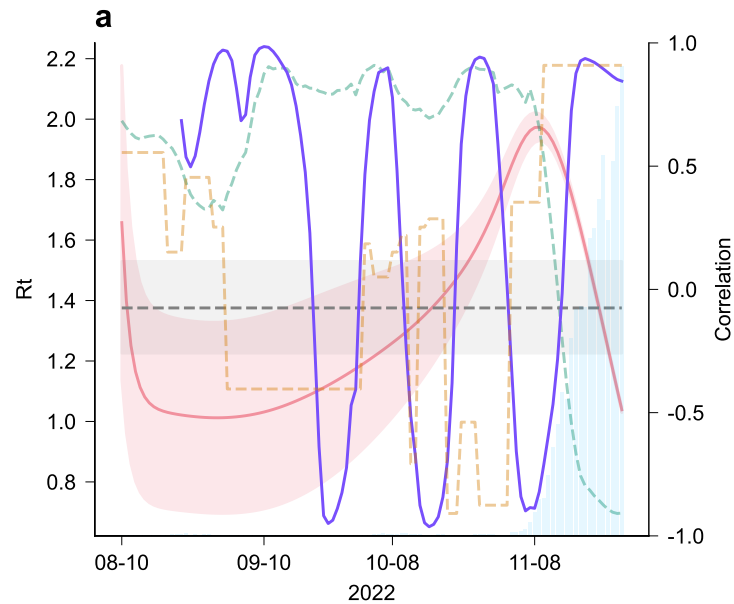
Constant, AIC= 386.49 Sine, AIC= 51.82
Linear, AIC= 386.98 Cosine, AIC= 391.75
Quadratic, AIC= 388.83



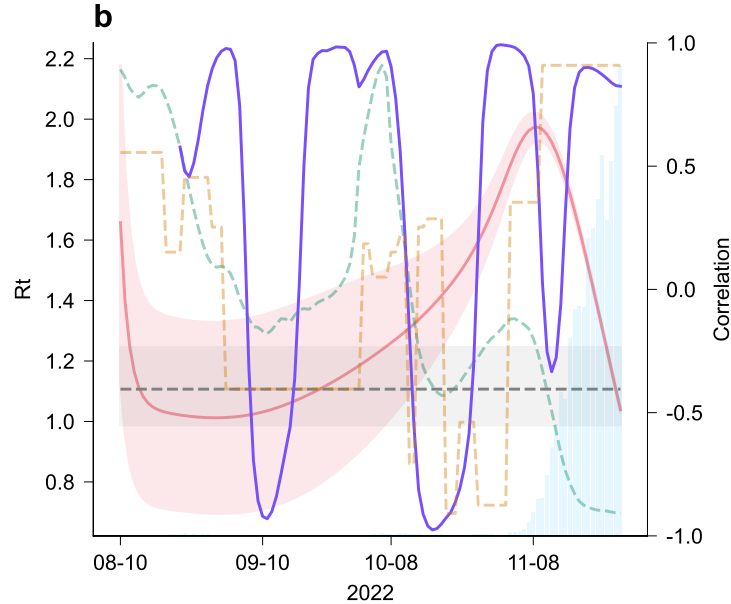
Constant, AIC= 371.30 Sine, AIC= 350.02
Linear, AIC= 355.23 Cosine, AIC= 377.03
Quadratic, AIC= 357.22

Chongqing (Wave 2)

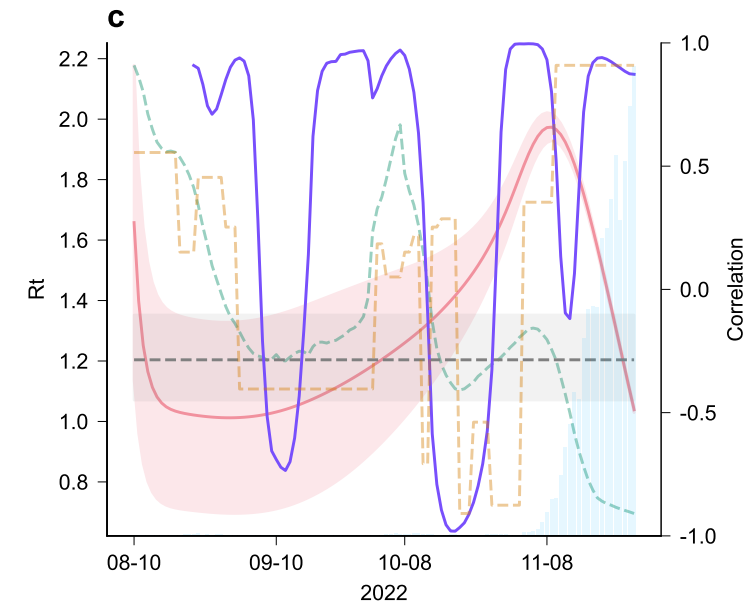
Within-city movement



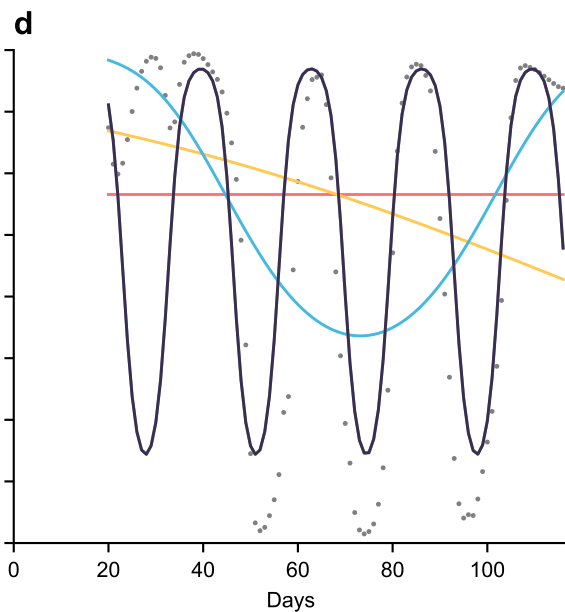
Inter-city inflow



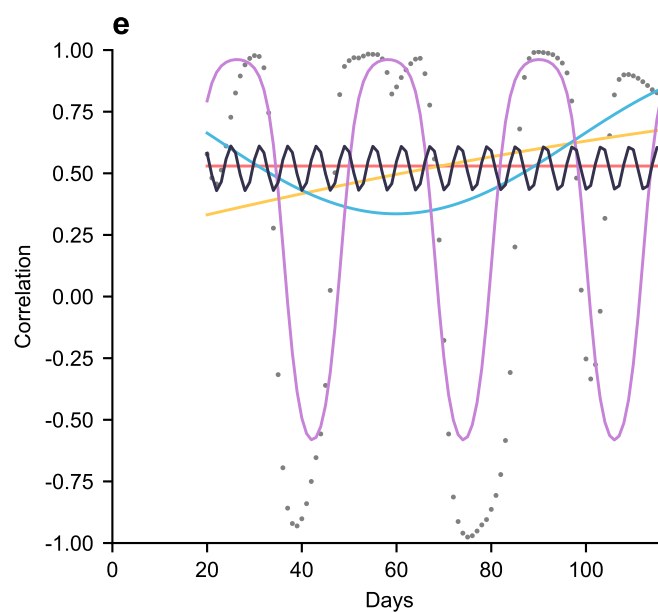
Inter-city outflow



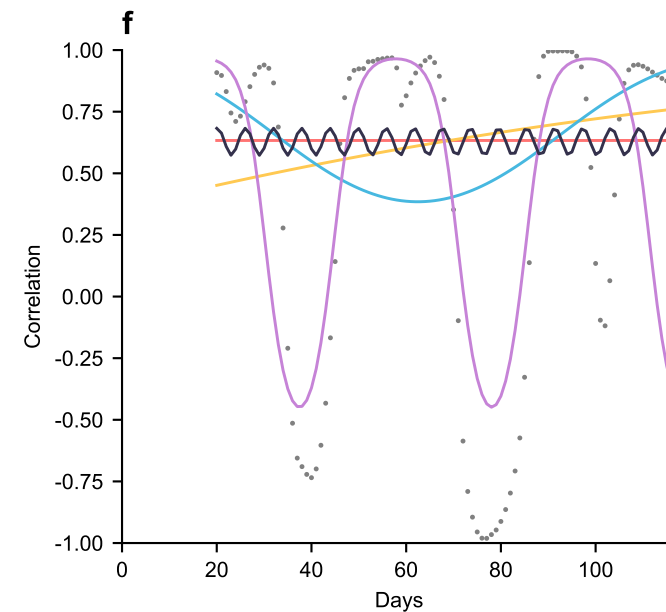
Case numbers Mobility index R_t Cross-correlation Biweekly rolling correlation GRI



Constant, AIC= 310.63	Sine, AIC= 253.65
Linear, AIC= 309.39	Cosine, AIC= 253.65
Quadratic, AIC= 290.35	

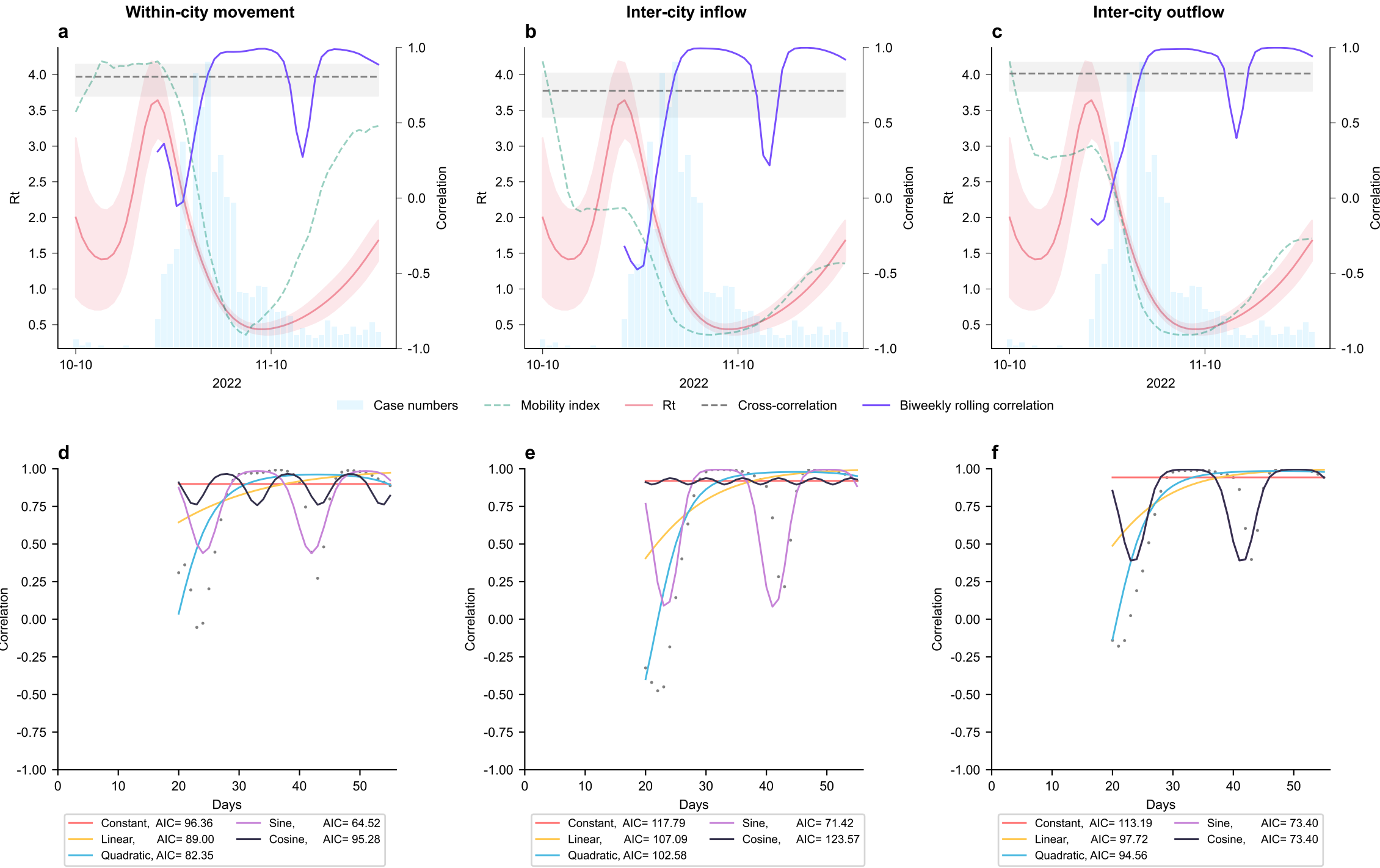


Constant, AIC= 315.62	Sine, AIC= 263.17
Linear, AIC= 316.60	Cosine, AIC= 321.19
Quadratic, AIC= 316.50	

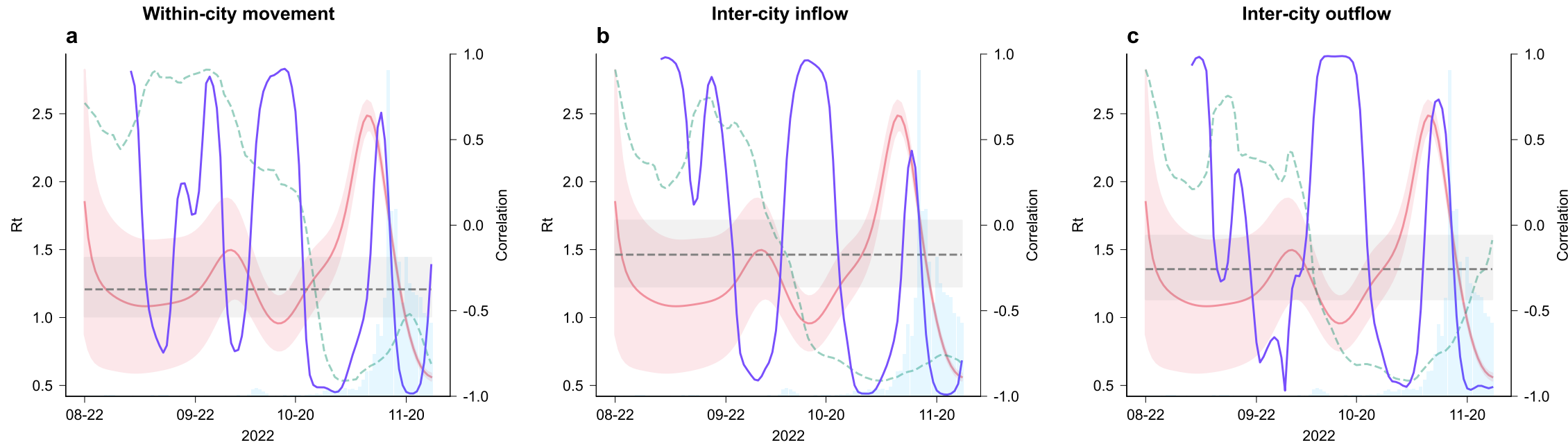


Constant, AIC= 315.03	Sine, AIC= 267.13
Linear, AIC= 315.88	Cosine, AIC= 320.81
Quadratic, AIC= 313.10	

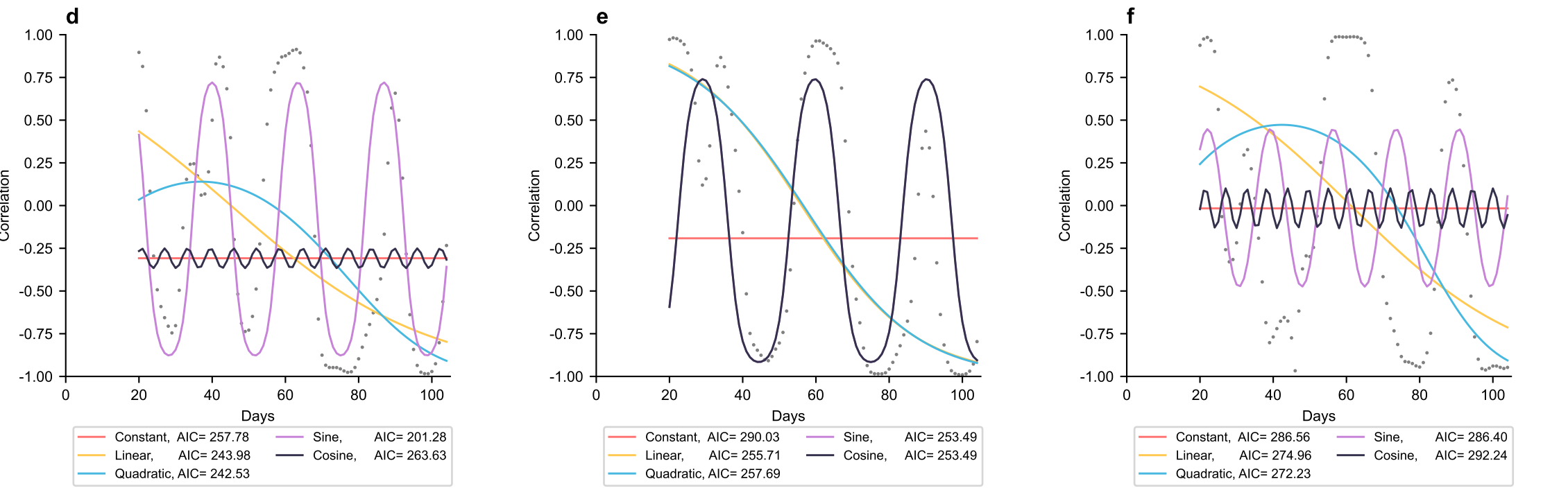
Fujian_Fuzhou (Wave 2)



Gansu_Lanzhou (Wave 2)

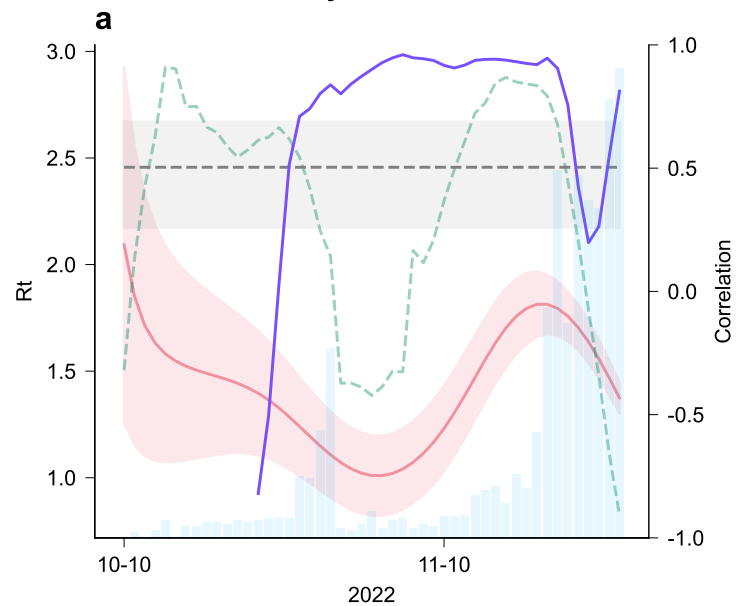


Case numbers Mobility index Rt Cross-correlation Biweekly rolling correlation

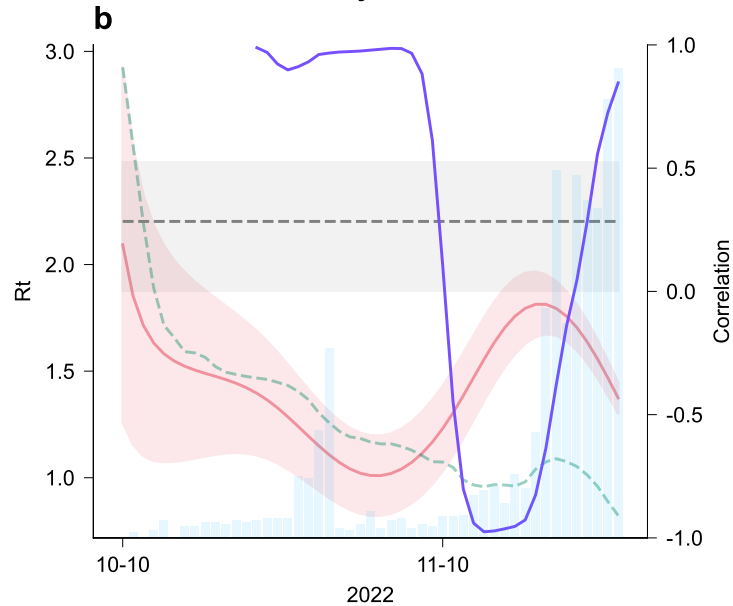


Guangdong_Foshan (Wave 2)

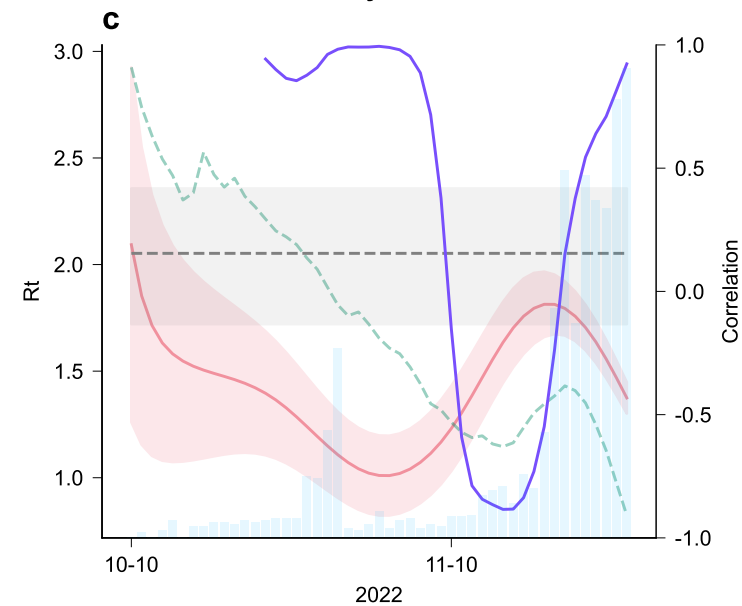
Within-city movement



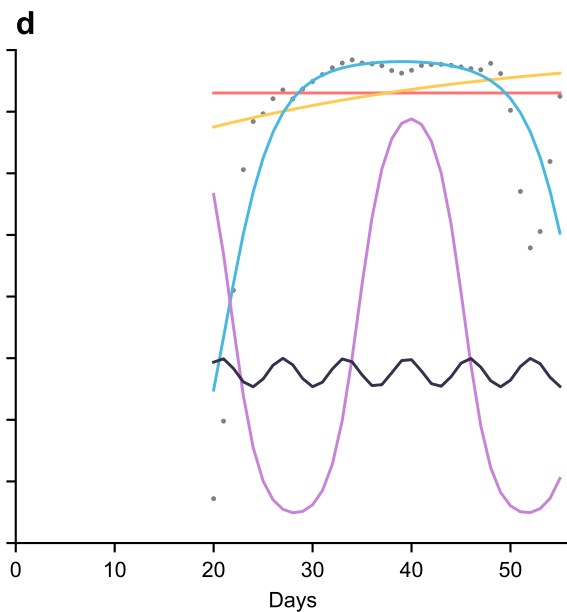
Inter-city inflow



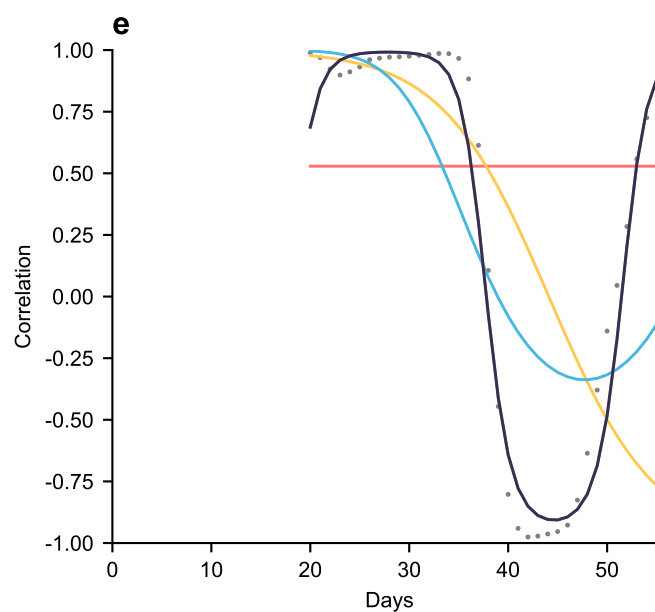
Inter-city outflow



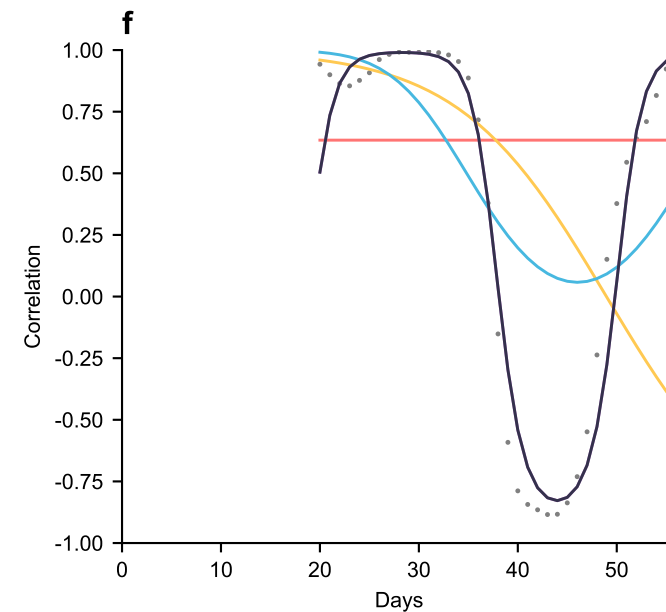
Case numbers Mobility index R_t Cross-correlation Biweekly rolling correlation



Constant, AIC= 81.36	Sine, AIC= 201.28
Linear, AIC= 80.48	Cosine, AIC= 263.63
Quadratic, AIC= 26.59	



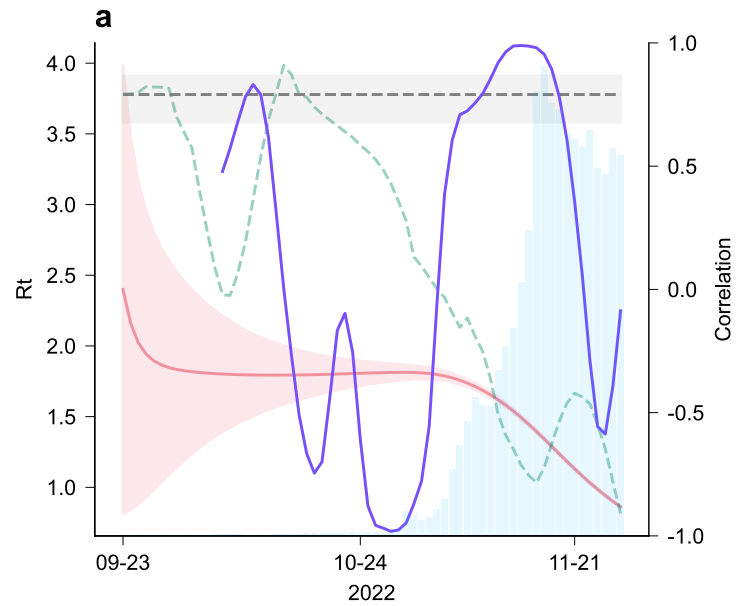
Constant, AIC= 134.18	Sine, AIC= 72.78
Linear, AIC= 119.03	Cosine, AIC= 72.78
Quadratic, AIC= 116.07	



Constant, AIC= 123.26	Sine, AIC= 45.33
Linear, AIC= 114.01	Cosine, AIC= 45.33
Quadratic, AIC= 111.77	

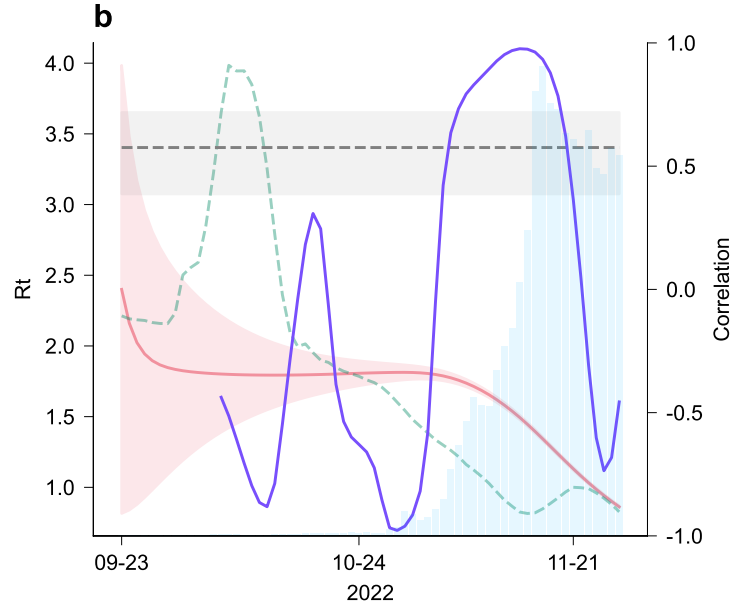
Guangdong_Guangzhou (Wave 2)

Within-city movement

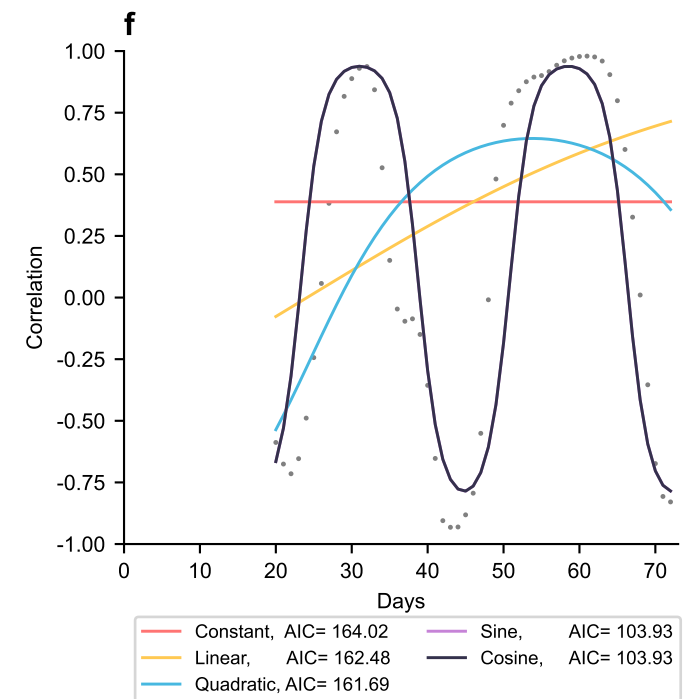
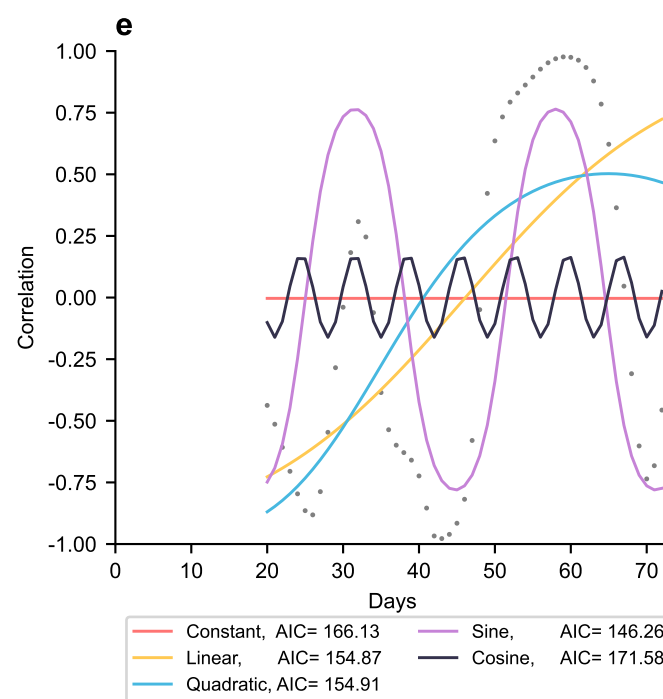
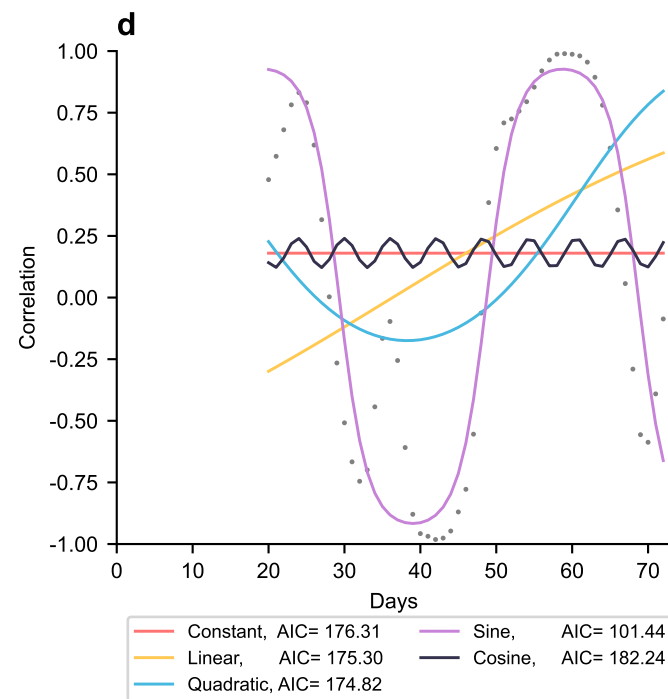
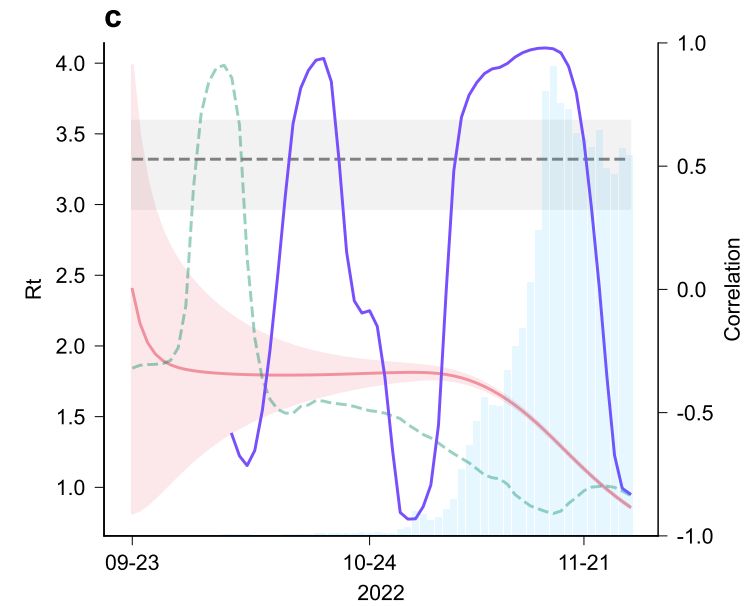


Case numbers Mobility index Rt Cross-correlation Biweekly rolling correlation

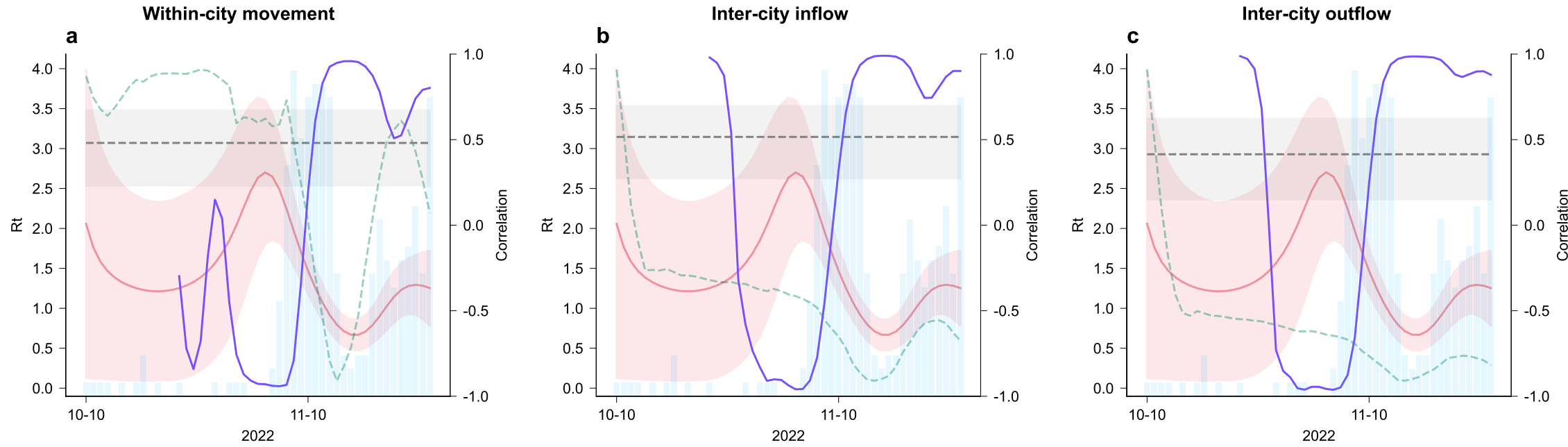
Inter-city inflow



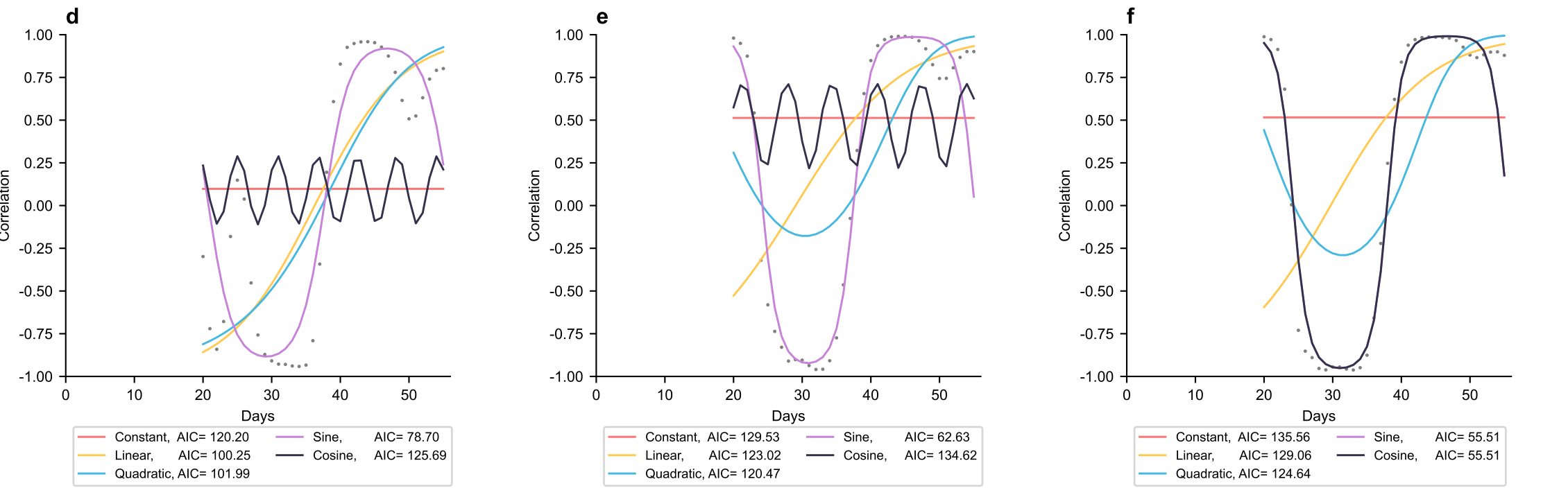
Inter-city outflow



Guangdong_Qingyuan (Wave 2)

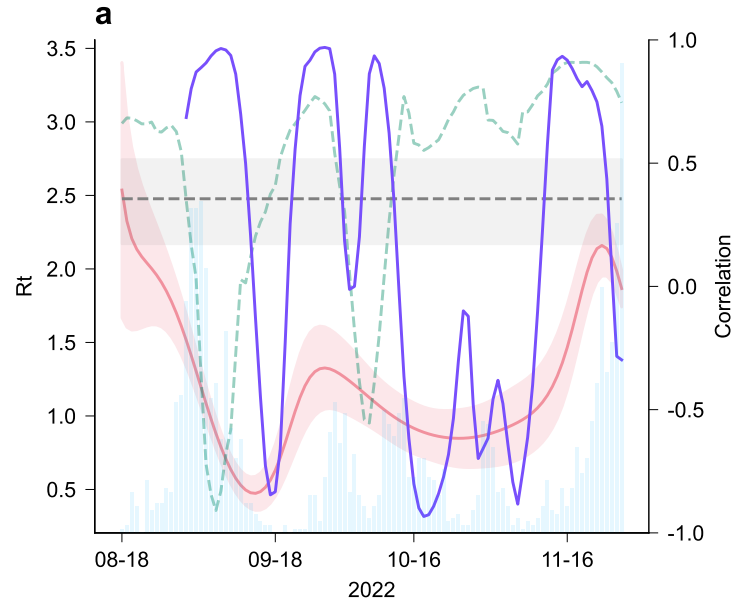


Case numbers Mobility index Rt Cross-correlation Biweekly rolling correlation

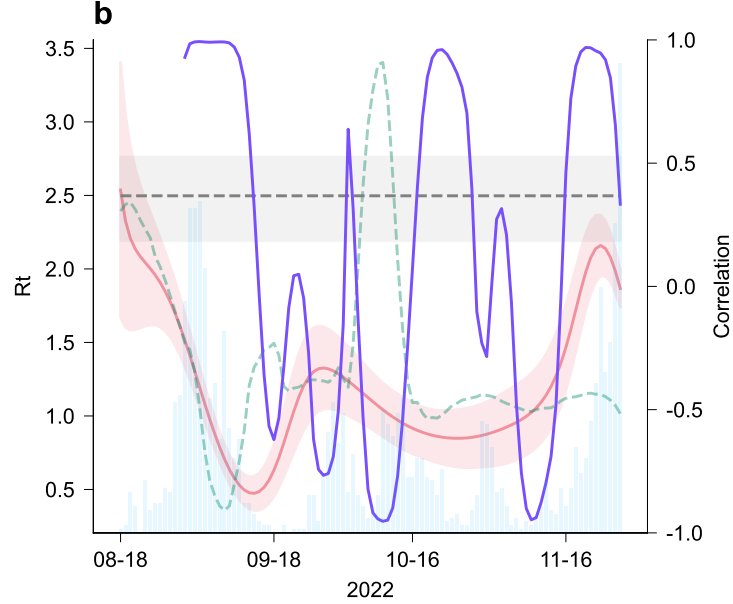


Guangdong_Shenzhen (Wave 2)

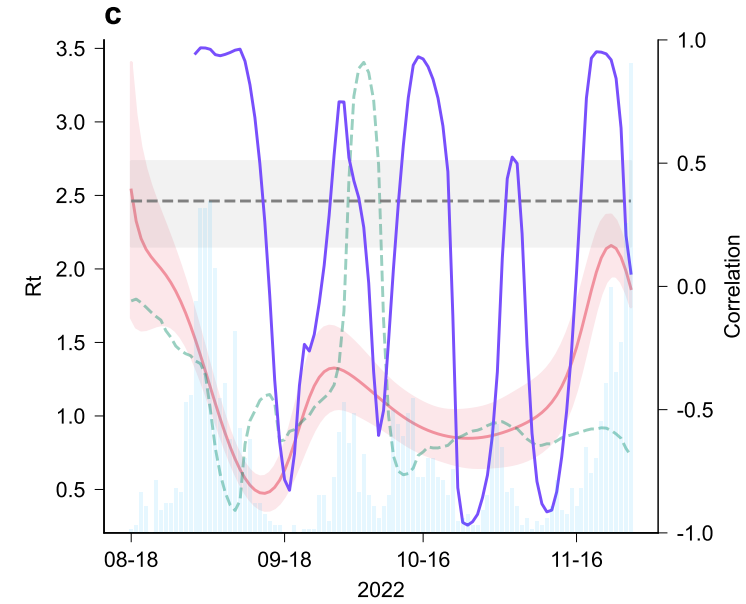
Within-city movement



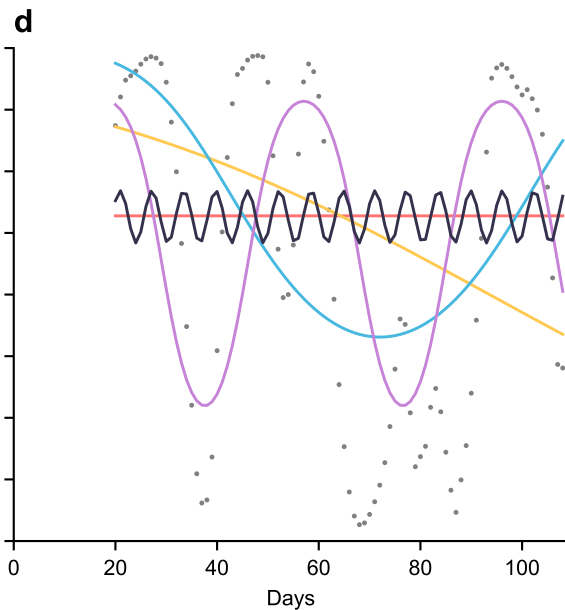
Inter-city inflow



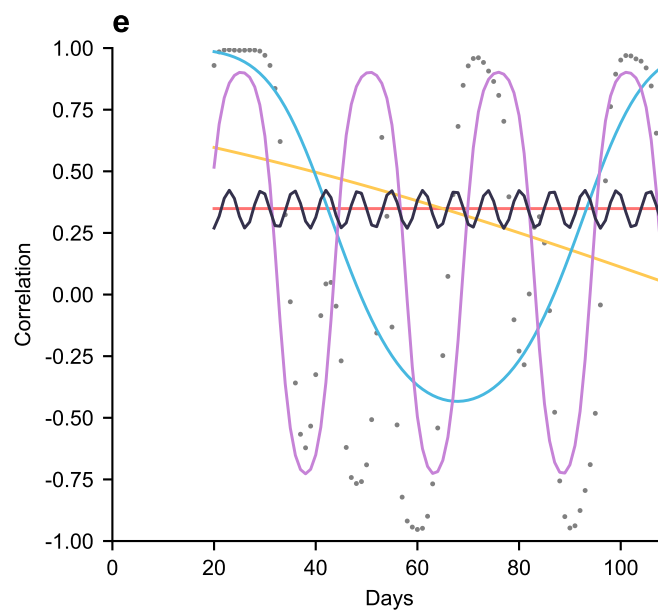
Inter-city outflow



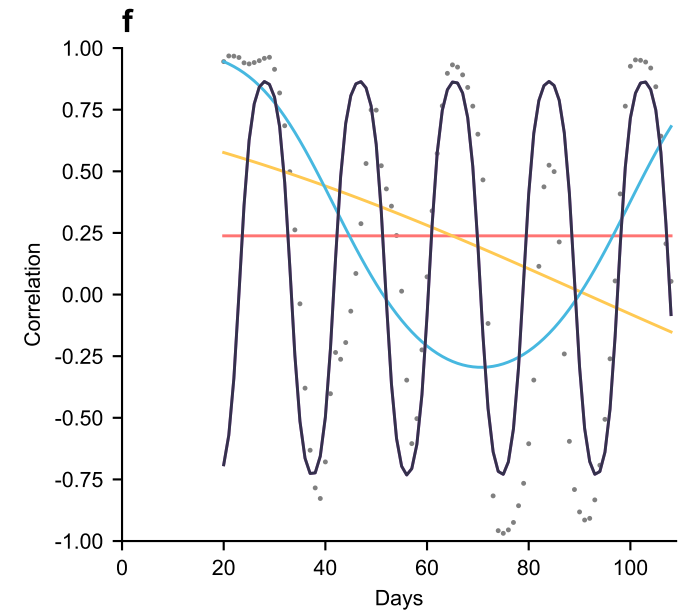
Case numbers Mobility index R_t Cross-correlation Biweekly rolling correlation



Constant, AIC= 263.80	Sine, AIC= 244.52
Linear, AIC= 258.93	Cosine, AIC= 269.24
Quadratic, AIC= 244.85	

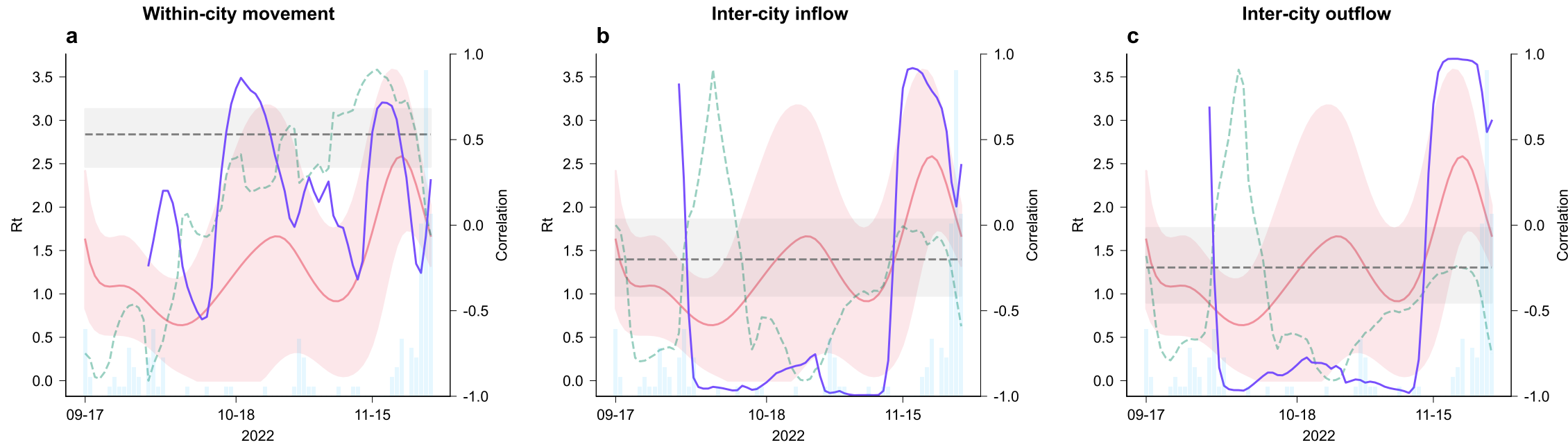


Constant, AIC= 290.05	Sine, AIC= 248.67
Linear, AIC= 290.37	Cosine, AIC= 295.85
Quadratic, AIC= 260.02	

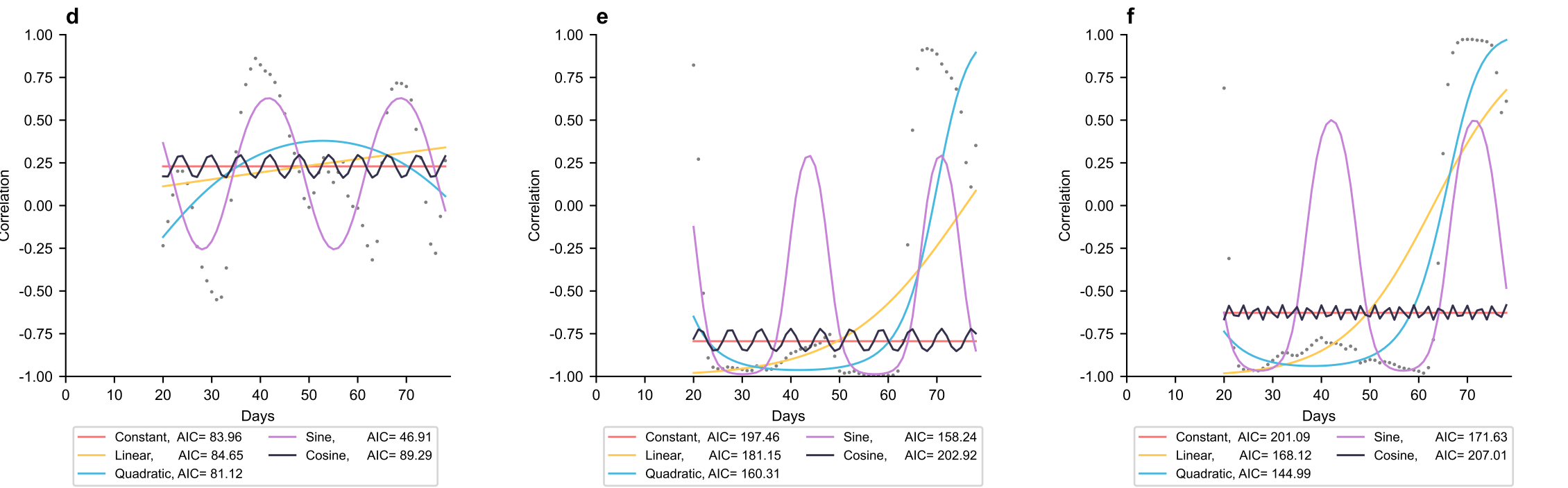


Constant, AIC= 257.74	Sine, AIC= 199.29
Linear, AIC= 255.67	Cosine, AIC= 199.29
Quadratic, AIC= 239.42	

Guangxi_Chongzuo (Wave 2)



Case numbers Mobility index Rt Cross-correlation Biweekly rolling correlation

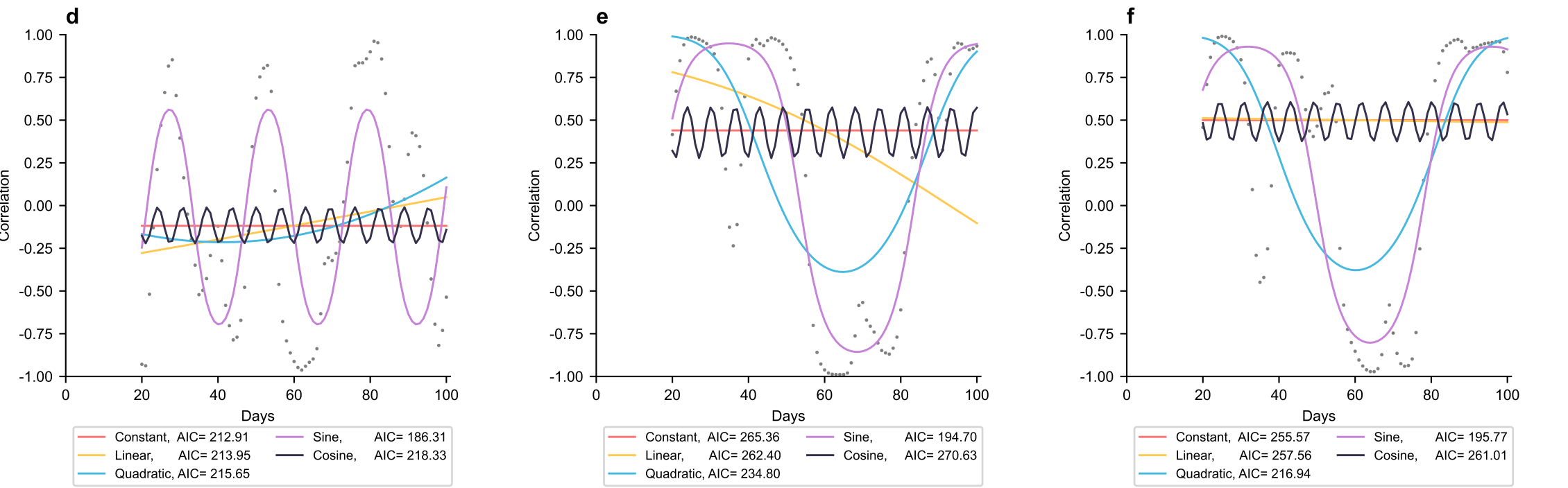
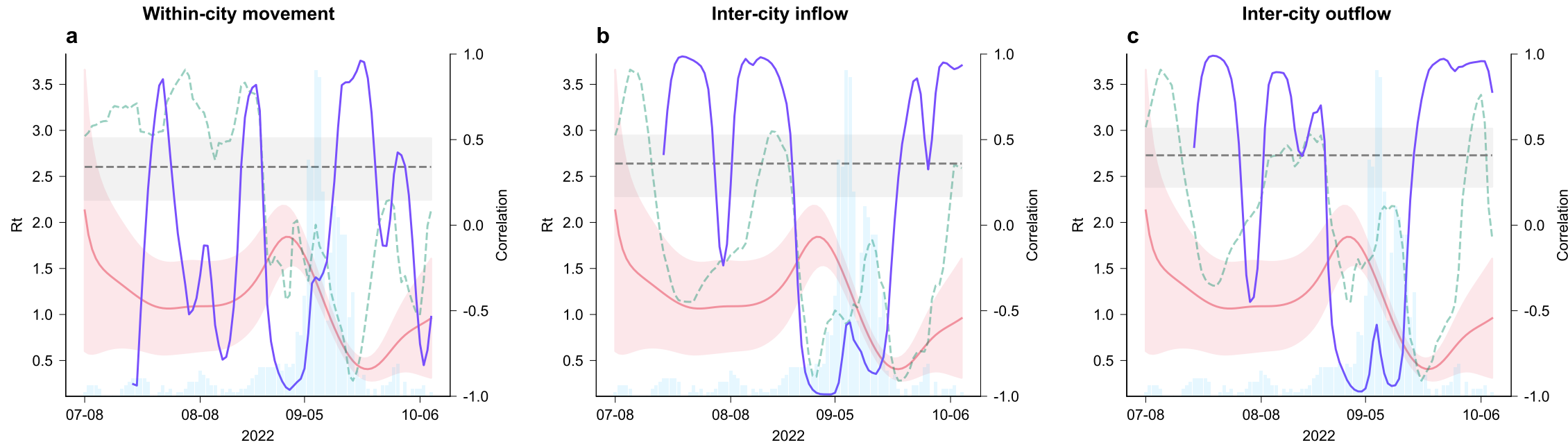


Constant, AIC= 83.96	Sine, AIC= 46.91
Linear, AIC= 84.65	Cosine, AIC= 89.29
Quadratic, AIC= 81.12	

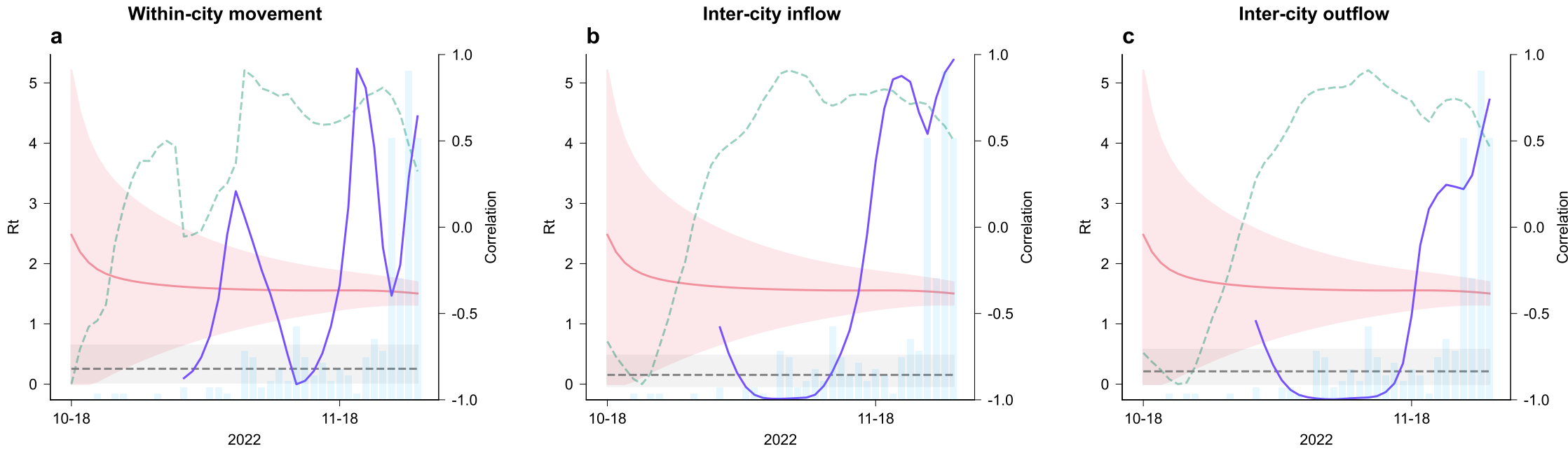
Constant, AIC= 197.46	Sine, AIC= 158.24
Linear, AIC= 181.15	Cosine, AIC= 202.92
Quadratic, AIC= 160.31	

Constant, AIC= 201.09	Sine, AIC= 171.63
Linear, AIC= 168.12	Cosine, AIC= 207.01
Quadratic, AIC= 144.99	

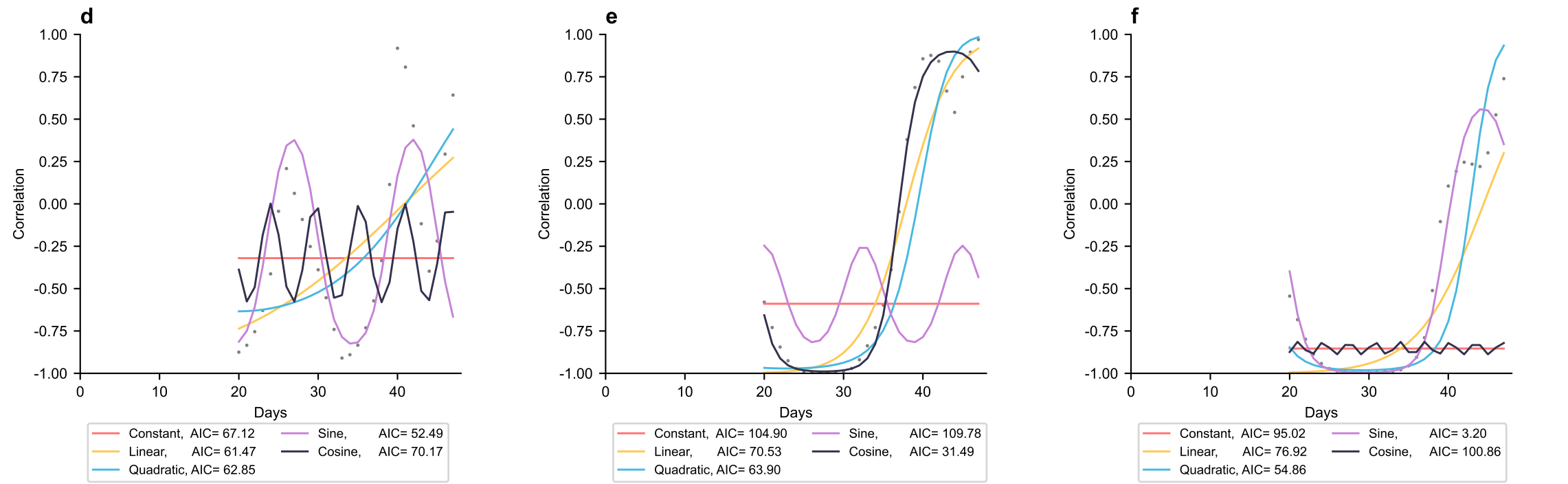
Guangxi_Fangchenggang (Wave 2)



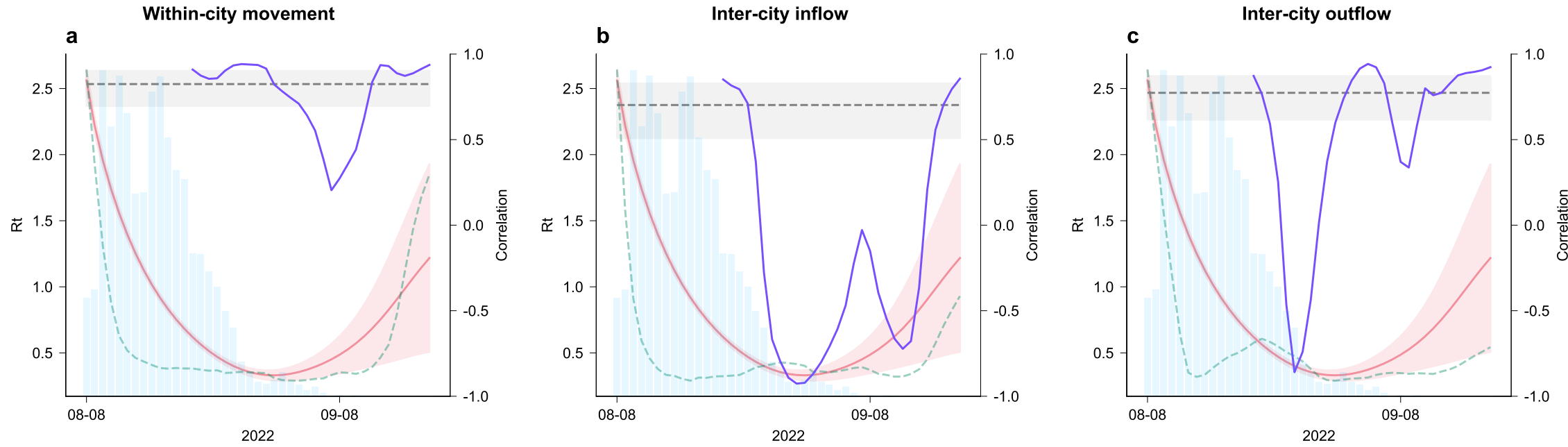
Guizhou_Guiyang (Wave 2)



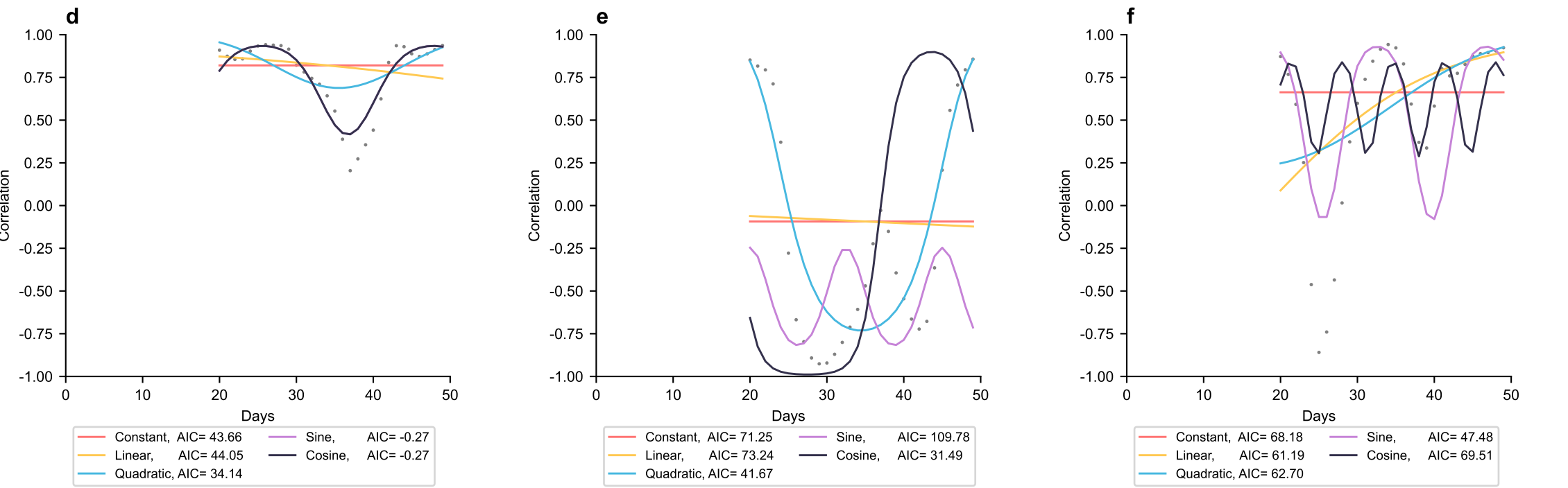
Case numbers Mobility index Rt Cross-correlation Biweekly rolling correlation



Hainan_Sanya (Wave 2)



Case numbers Mobility index Rt Cross-correlation Biweekly rolling correlation



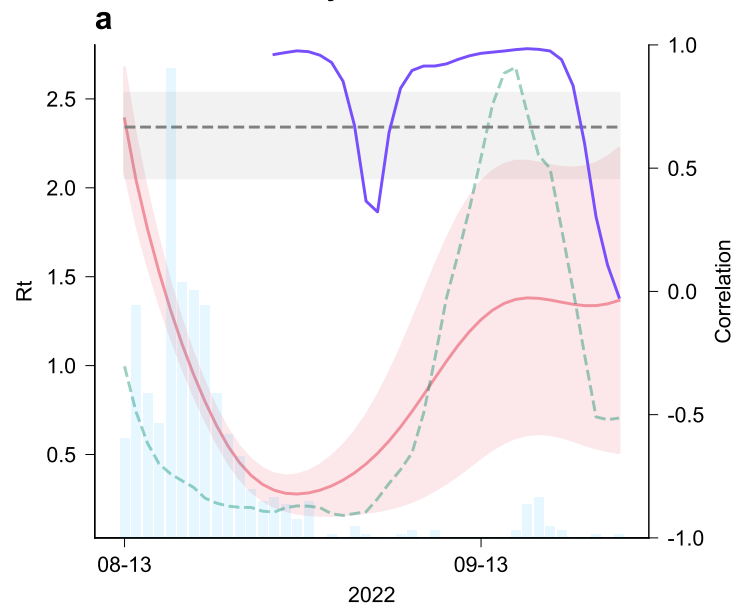
Constant, AIC= 43.66 Sine, AIC= -0.27
Linear, AIC= 44.05 Cosine, AIC= -0.27
Quadratic, AIC= 34.14

Constant, AIC= 71.25 Sine, AIC= 109.78
Linear, AIC= 73.24 Cosine, AIC= 31.49
Quadratic, AIC= 41.67

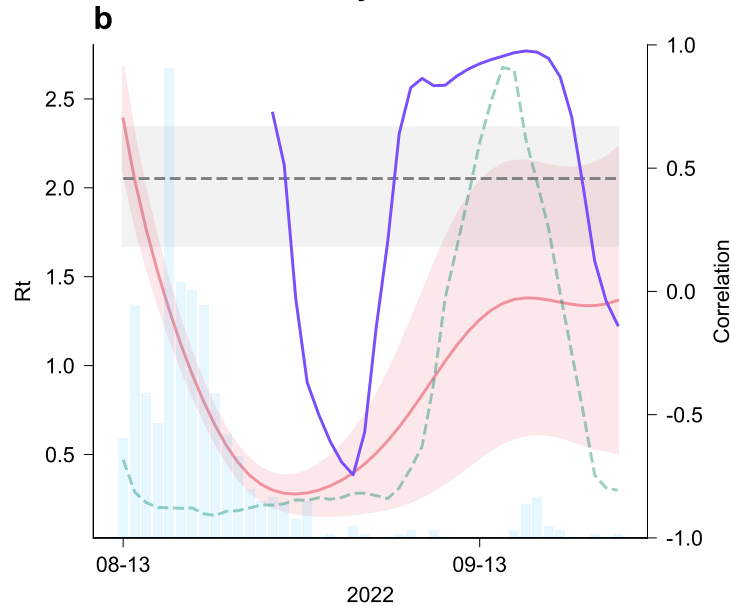
Constant, AIC= 68.18 Sine, AIC= 47.48
Linear, AIC= 61.19 Cosine, AIC= 69.51
Quadratic, AIC= 62.70

Hainan_Wanning (Wave 2)

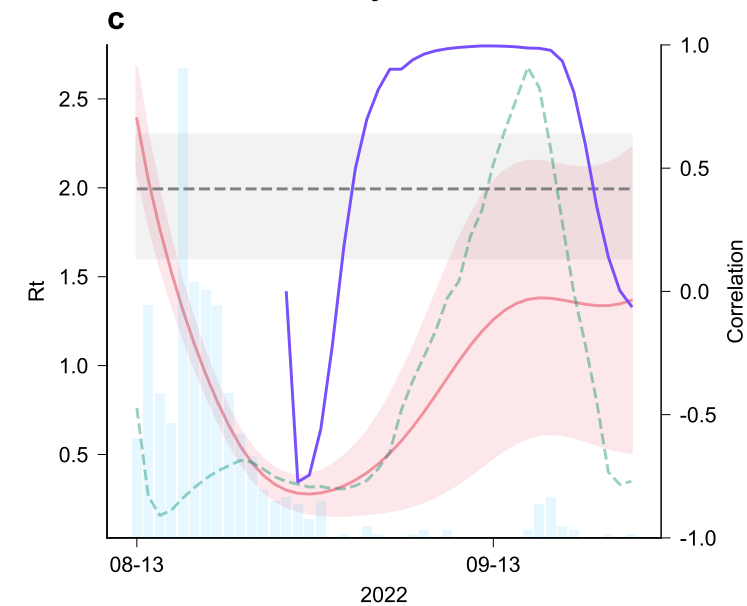
Within-city movement



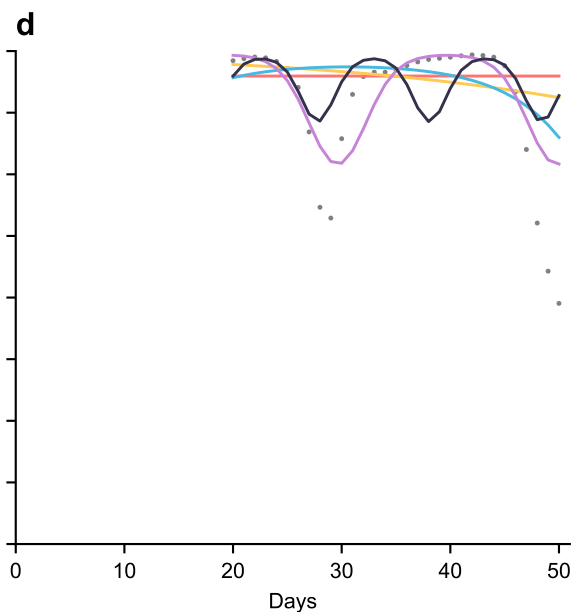
Inter-city inflow



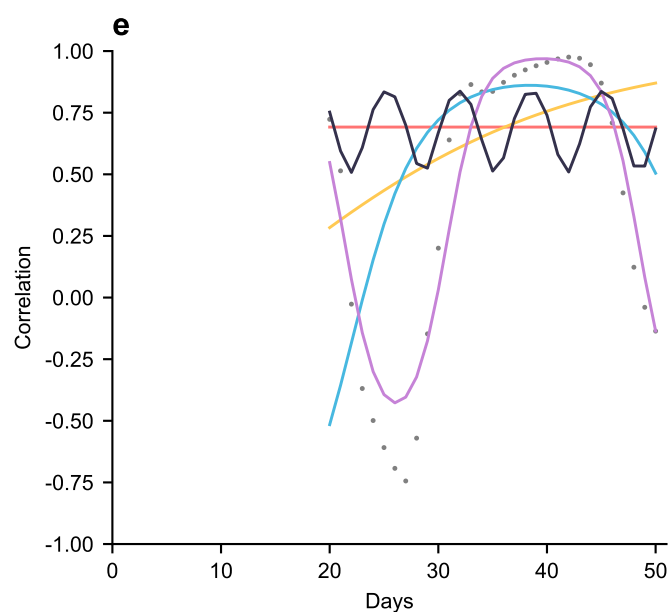
Inter-city outflow



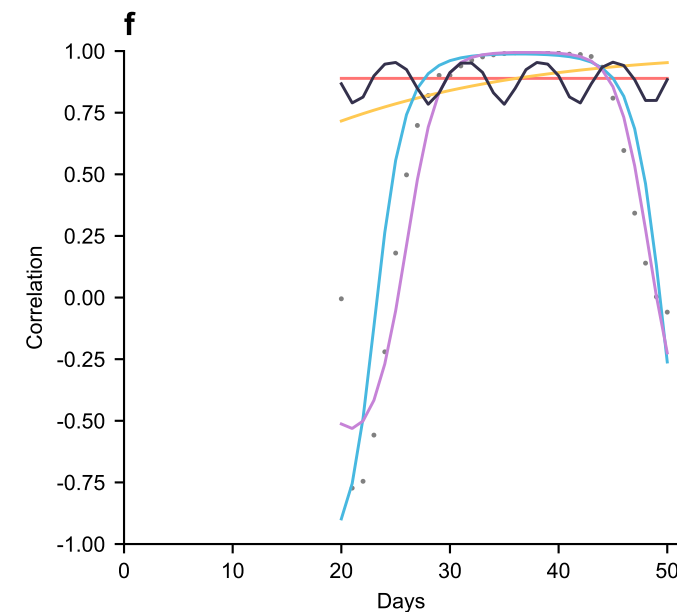
Case numbers Mobility index Rt Cross-correlation Biweekly rolling correlation



Constant, AIC= 69.28 Sine, AIC= 26.34
Linear, AIC= 68.97 Cosine, AIC= 63.33
Quadratic, AIC= 68.91

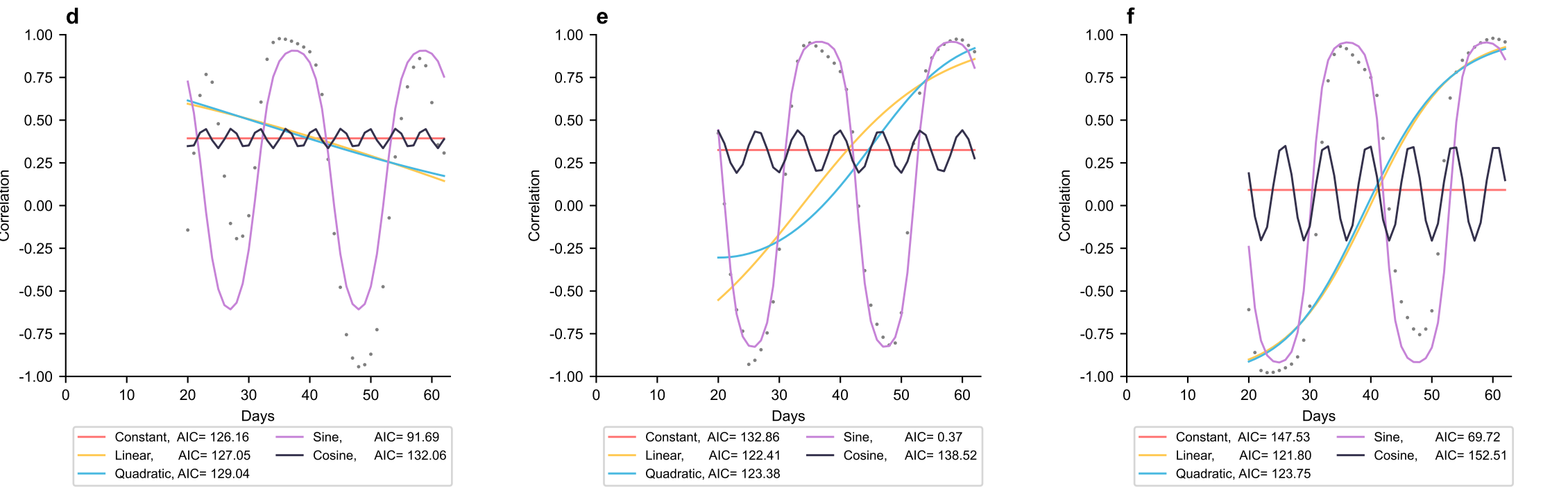
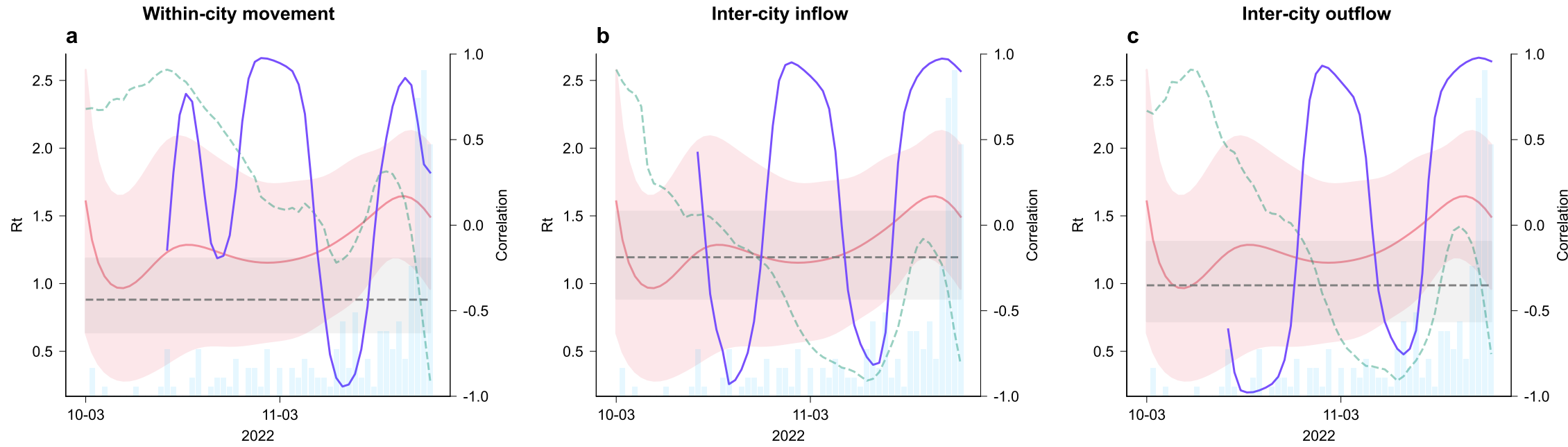


Constant, AIC= 76.46 Sine, AIC= 21.39
Linear, AIC= 74.97 Cosine, AIC= 80.63
Quadratic, AIC= 69.21

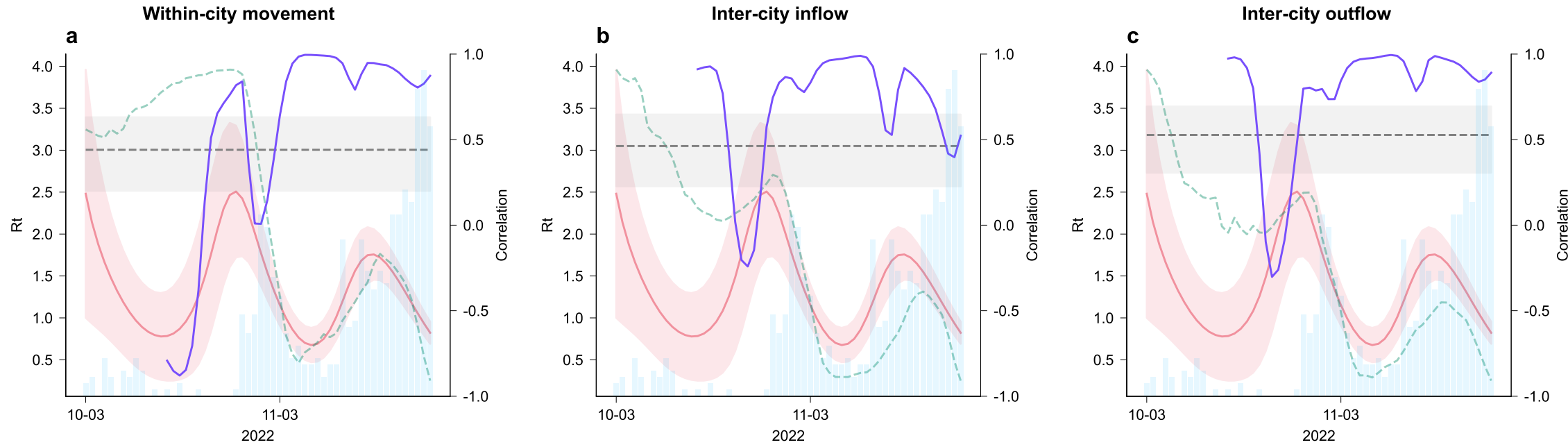


Constant, AIC= 95.35 Sine, AIC= 8.77
Linear, AIC= 95.87 Cosine, AIC= 99.74
Quadratic, AIC= 42.57

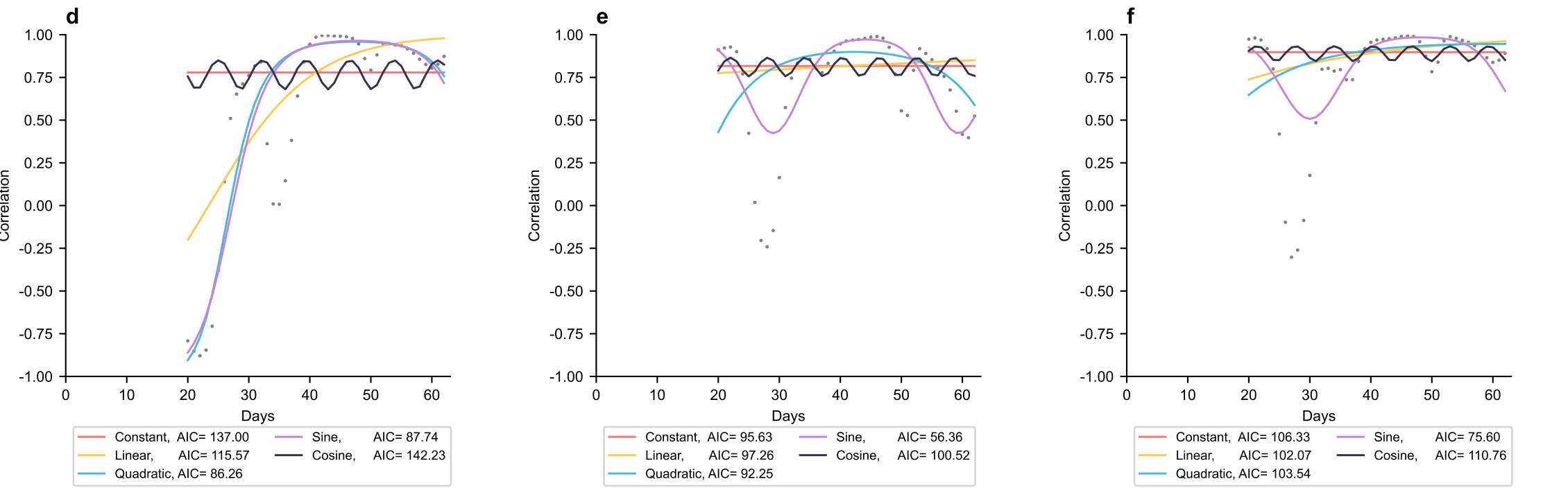
Hebei_Baoding (Wave 2)



Hebei_Langfang (Wave 2)

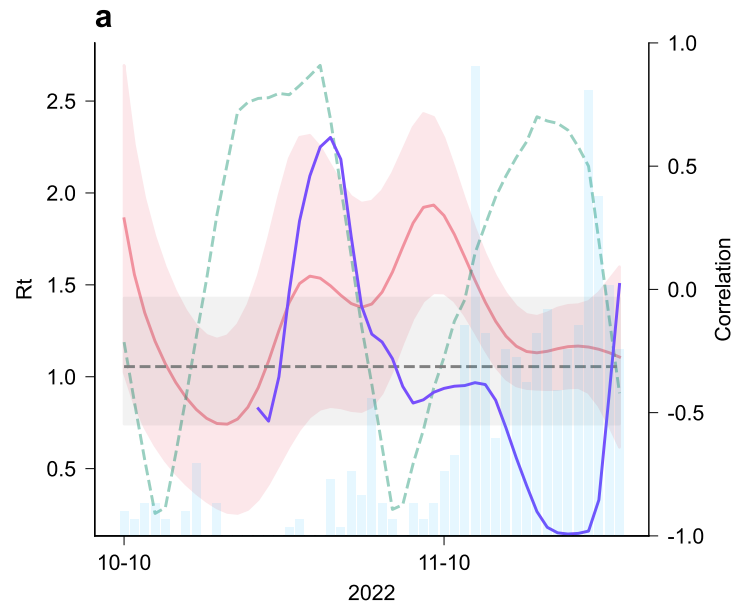


Case numbers Mobility index Rt Cross-correlation Biweekly rolling correlation

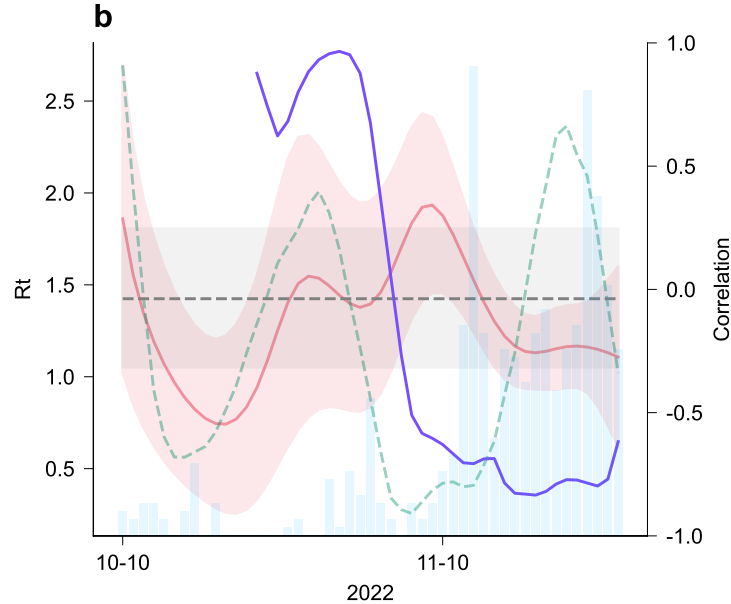


Hebei_Qinhuangdao (Wave 2)

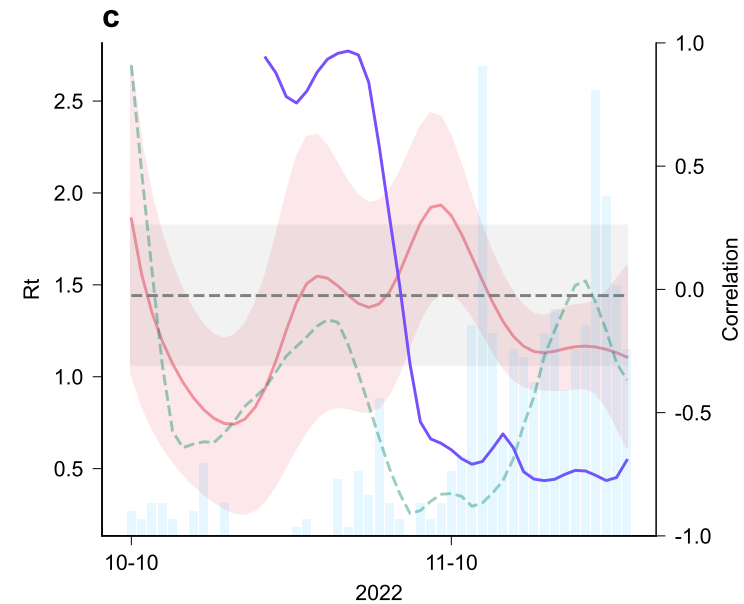
Within-city movement



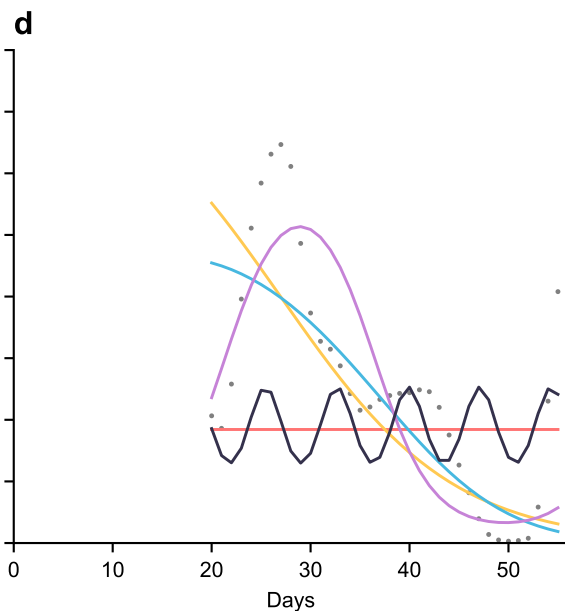
Inter-city inflow



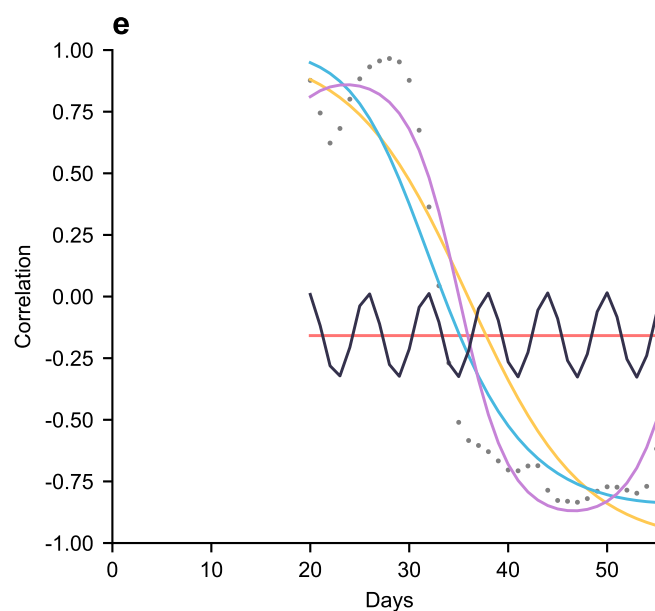
Inter-city outflow



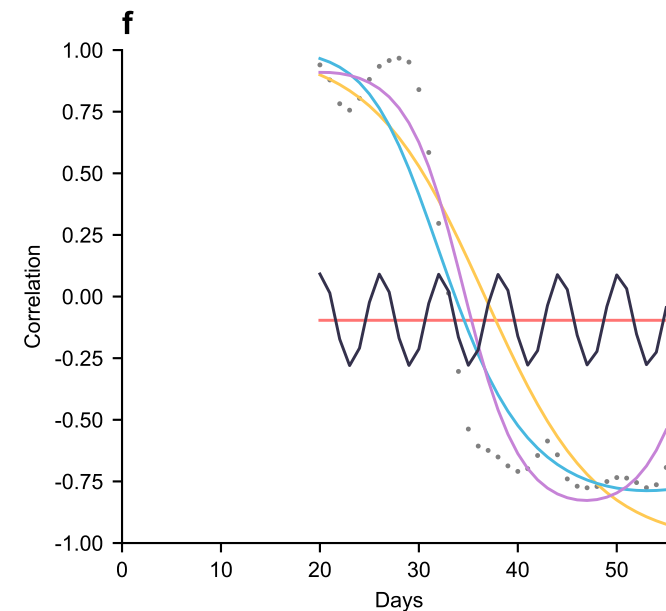
Case numbers Mobility index R_t Cross-correlation Biweekly rolling correlation



Constant, AIC= 97.55	Sine, AIC= 69.29
Linear, AIC= 78.05	Cosine, AIC= 102.44
Quadratic, AIC= 78.68	



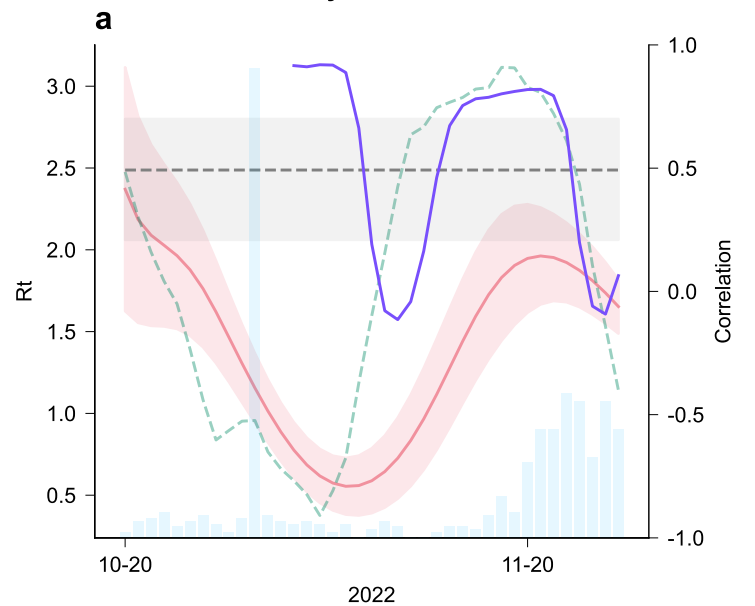
Constant, AIC= 106.29	Sine, AIC= 34.42
Linear, AIC= 60.32	Cosine, AIC= 111.78
Quadratic, AIC= 55.62	



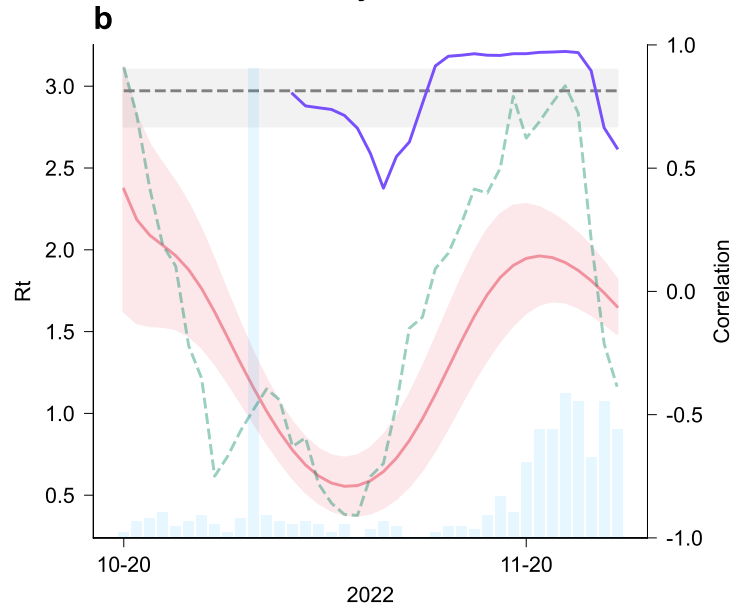
Constant, AIC= 106.43	Sine, AIC= 36.08
Linear, AIC= 56.97	Cosine, AIC= 111.83
Quadratic, AIC= 46.38	

Heilongjiang_Heihe (Wave 2)

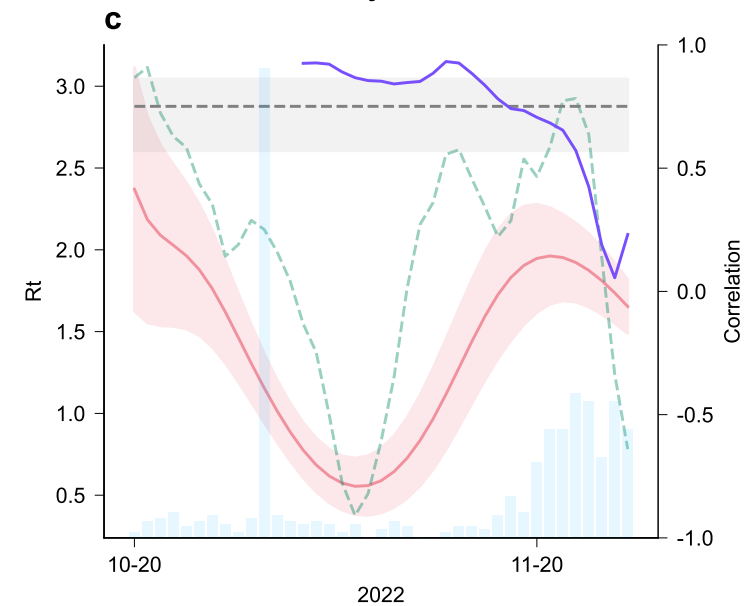
Within-city movement



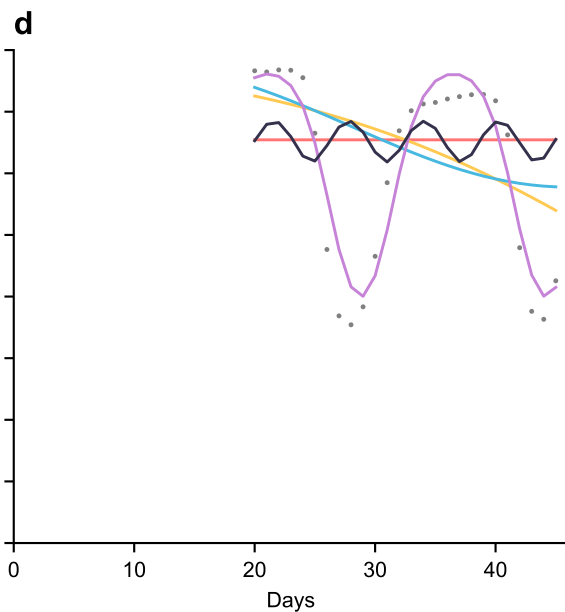
Inter-city inflow



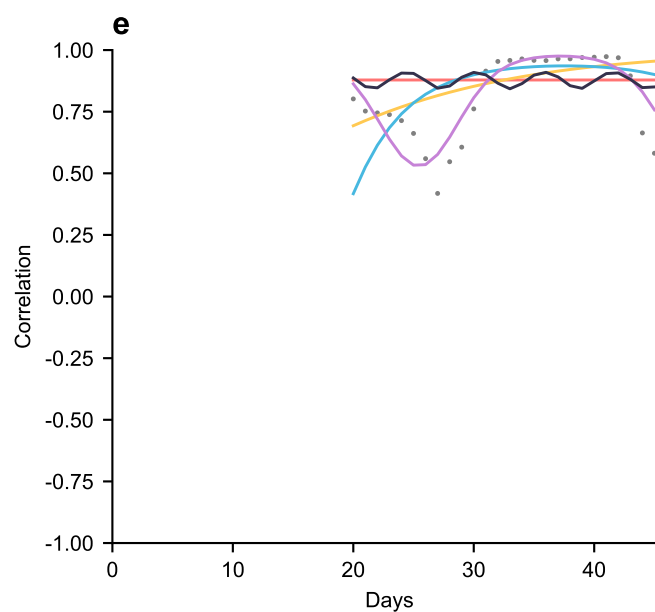
Inter-city outflow



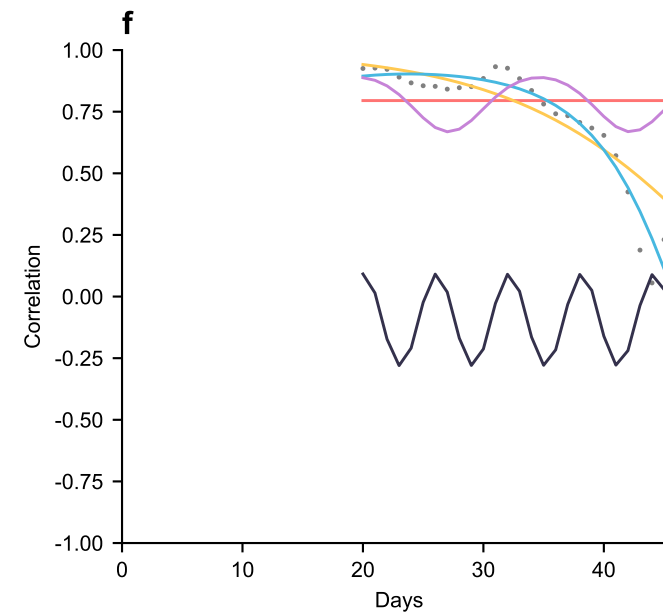
Case numbers Mobility index R_t Cross-correlation Biweekly rolling correlation



Constant, AIC= 50.12	Sine, AIC= 2.10
Linear, AIC= 47.72	Cosine, AIC= 55.41
Quadratic, AIC= 49.43	



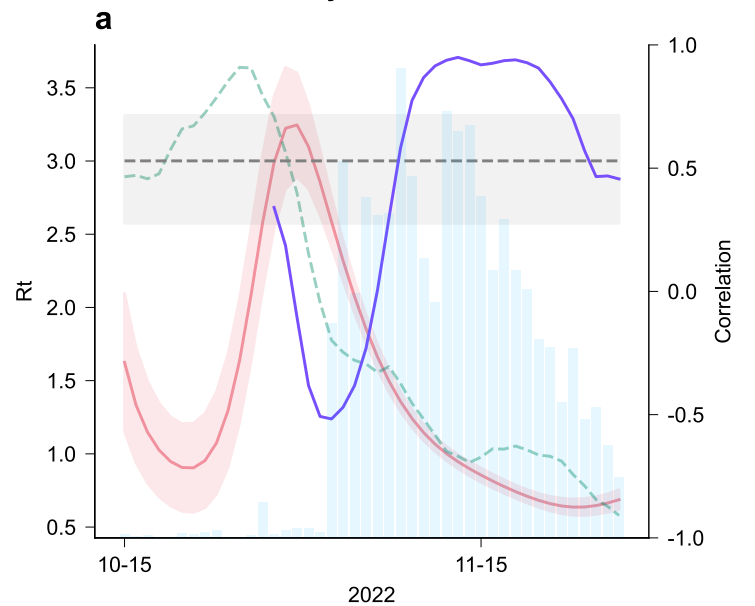
Constant, AIC= 50.43	Sine, AIC= 5.54
Linear, AIC= 44.09	Cosine, AIC= 55.61
Quadratic, AIC= 41.35	



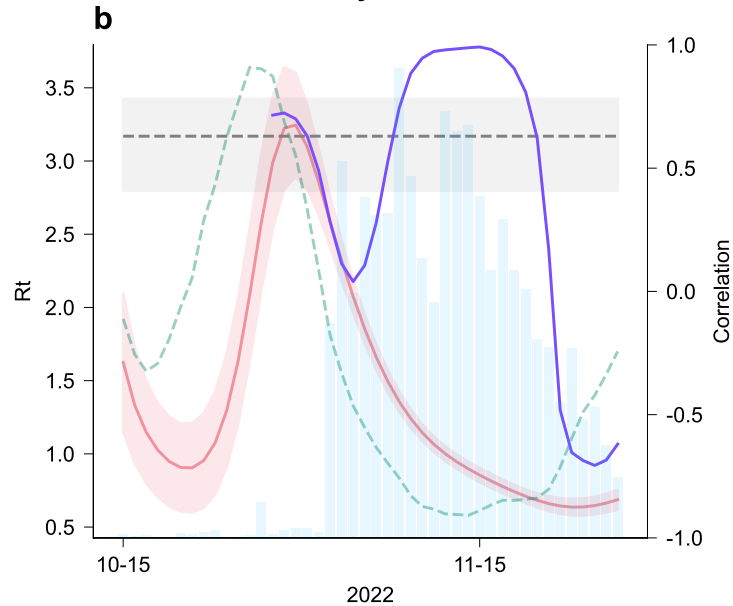
Constant, AIC= 37.13	Sine, AIC= 36.58
Linear, AIC= 1.87	Cosine, AIC= 111.83
Quadratic, AIC= -12.90	

Heilongjiang_Suihua (Wave 2)

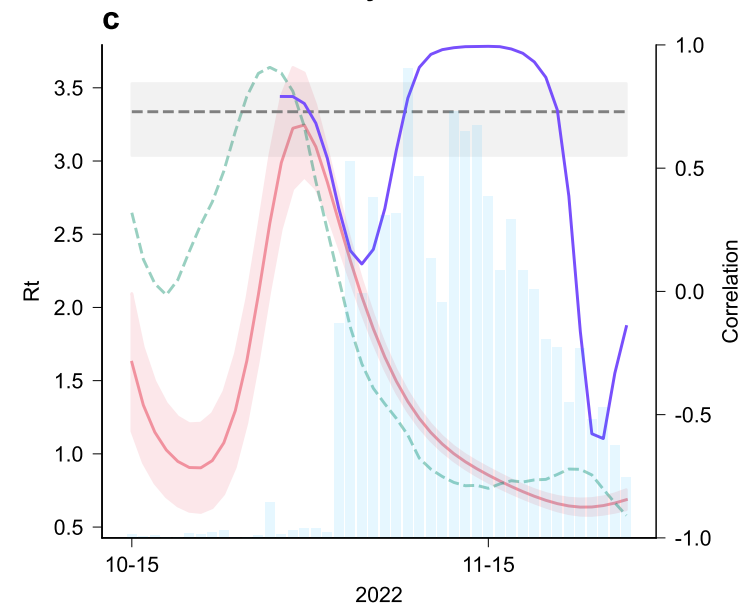
Within-city movement



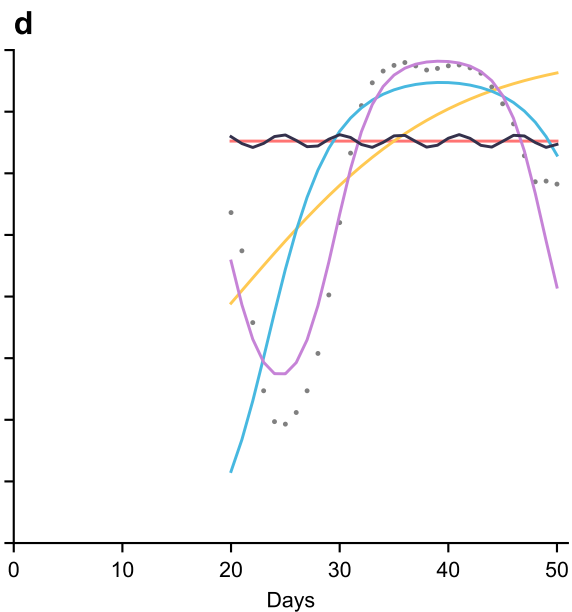
Inter-city inflow



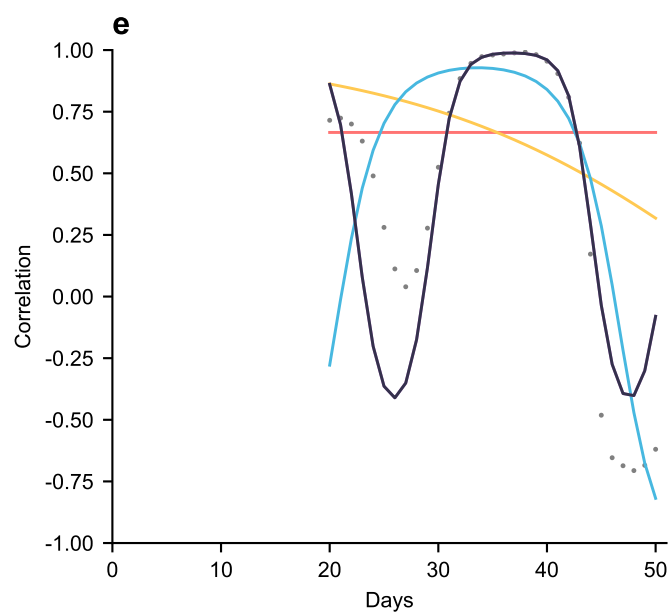
Inter-city outflow



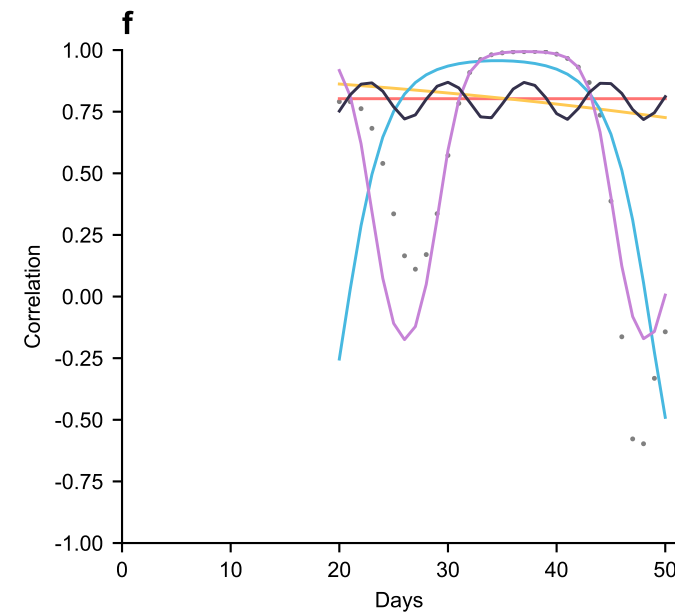
Case numbers Mobility index R_t Cross-correlation Biweekly rolling correlation



Constant, AIC= 78.33	Sine, AIC= -2.67
Linear, AIC= 68.06	Cosine, AIC= 84.29
Quadratic, AIC= 53.51	



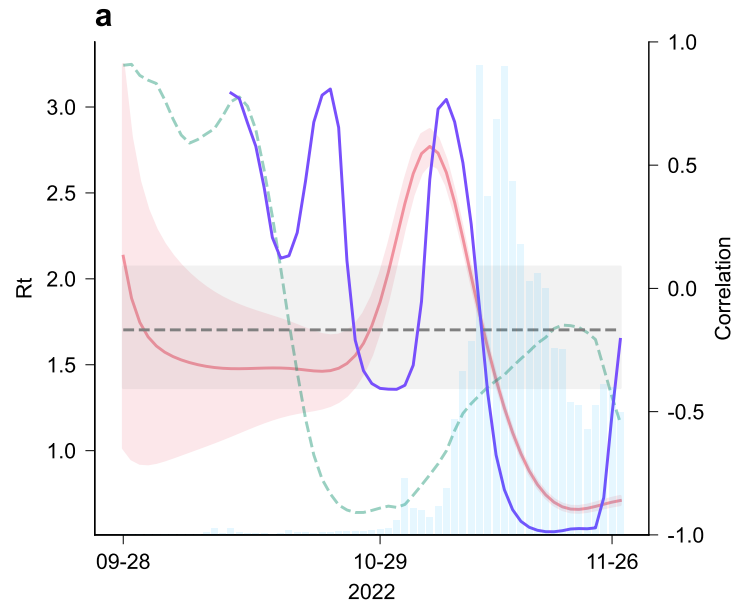
Constant, AIC= 94.95	Sine, AIC= 31.70
Linear, AIC= 94.86	Cosine, AIC= 31.70
Quadratic, AIC= 76.54	



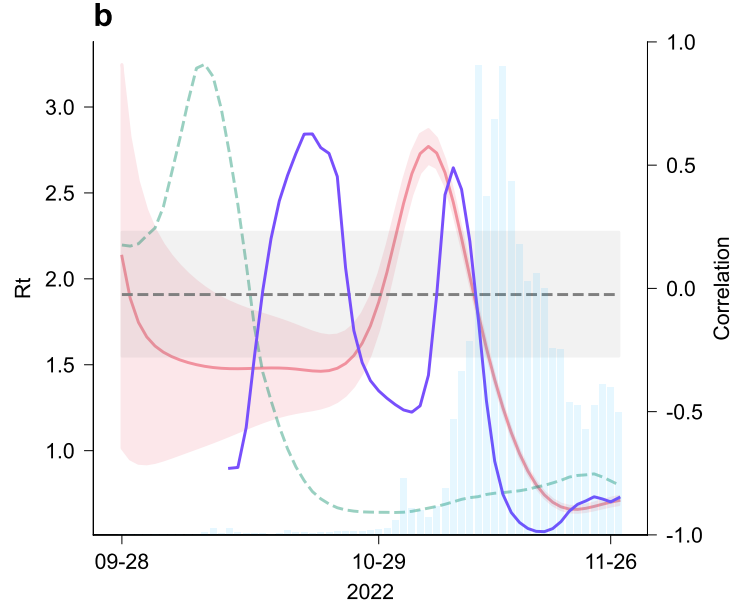
Constant, AIC= 94.76	Sine, AIC= 10.97
Linear, AIC= 96.45	Cosine, AIC= 100.23
Quadratic, AIC= 80.48	

Henan_Zhengzhou (Wave 2)

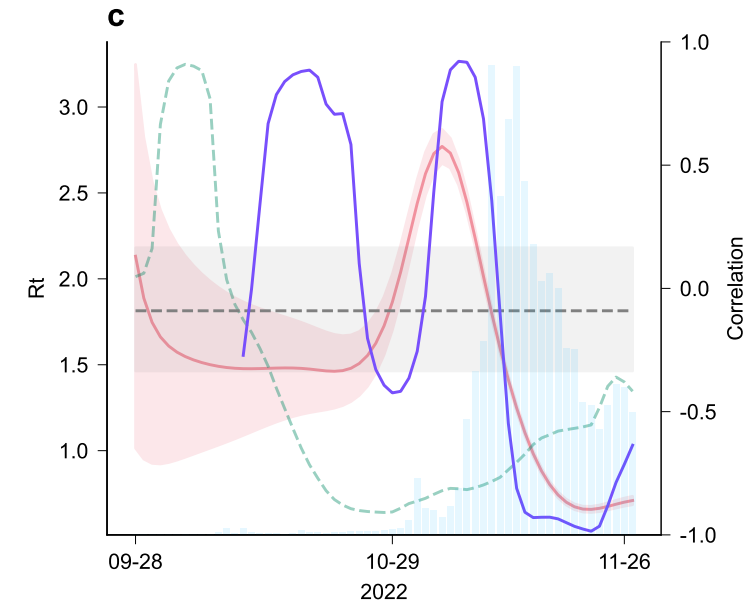
Within-city movement



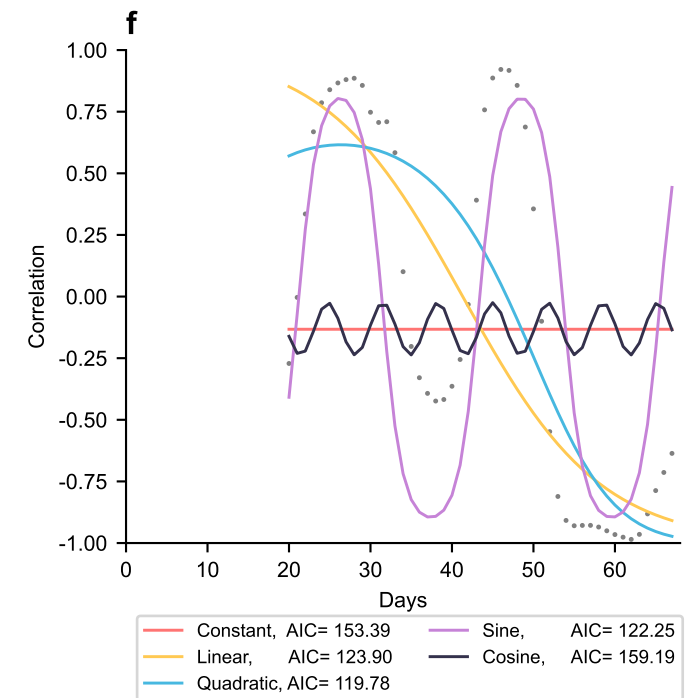
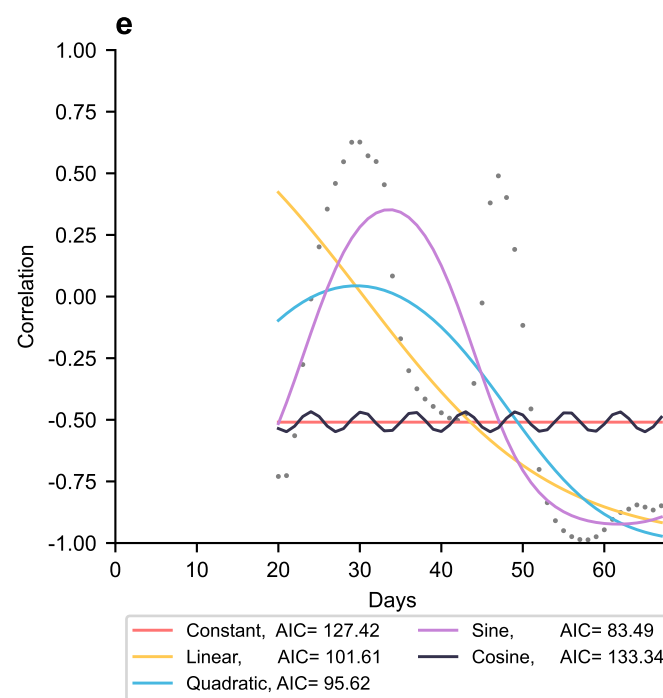
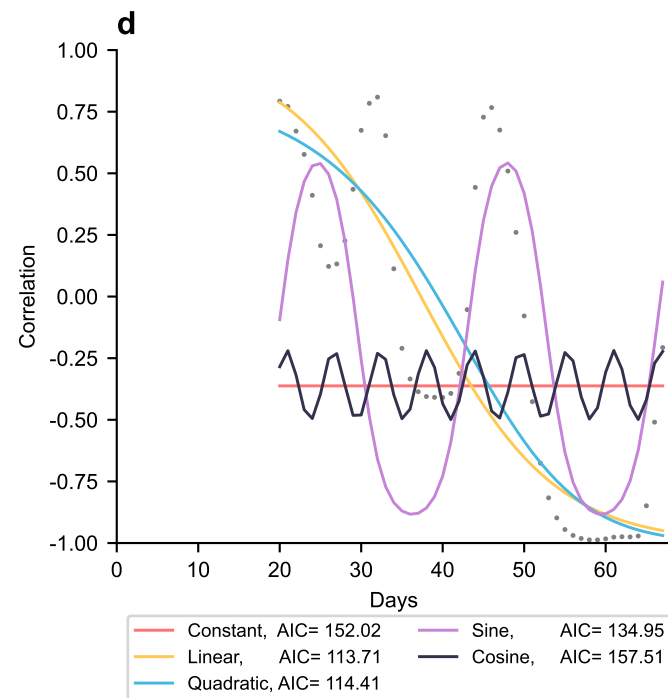
Inter-city inflow



Inter-city outflow



Case numbers Mobility index Rt Cross-correlation Biweekly rolling correlation

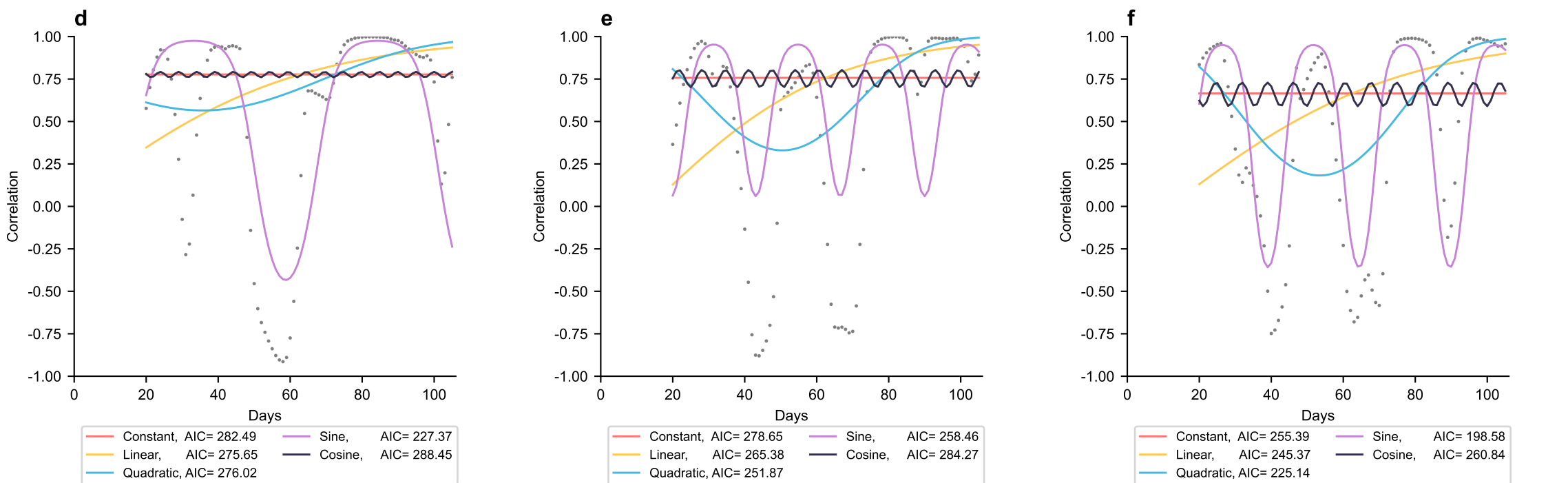
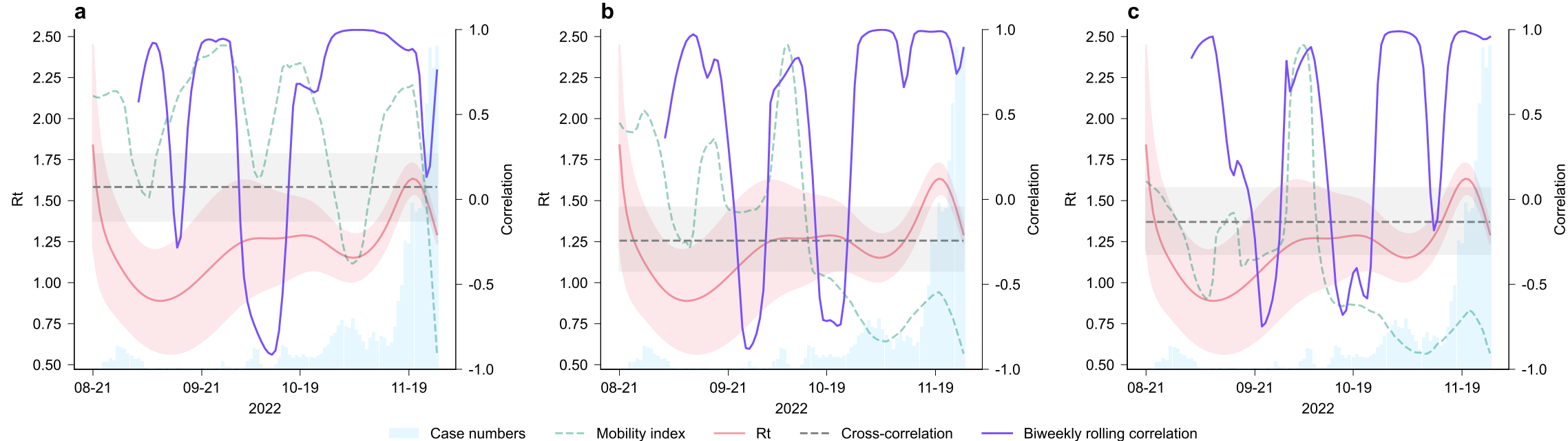


Hubei_Wuhan (Wave 2)

Within-city movement

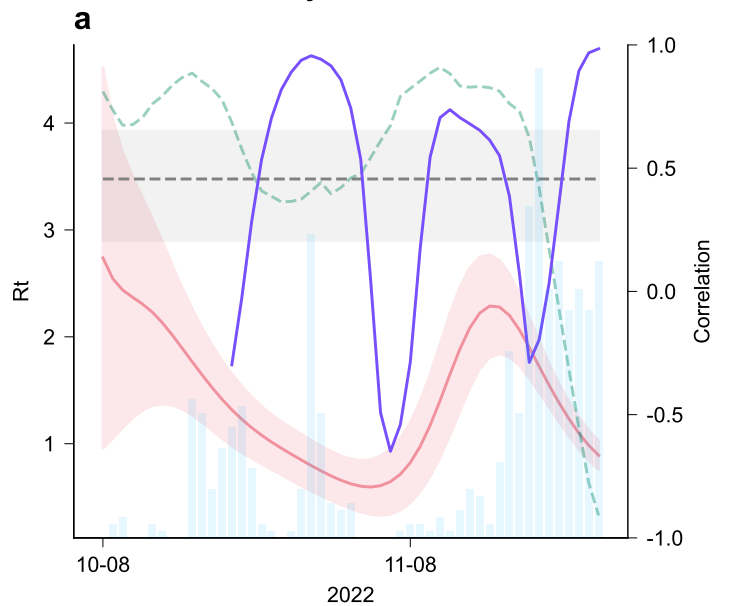
Inter-city inflow

Inter-city outflow

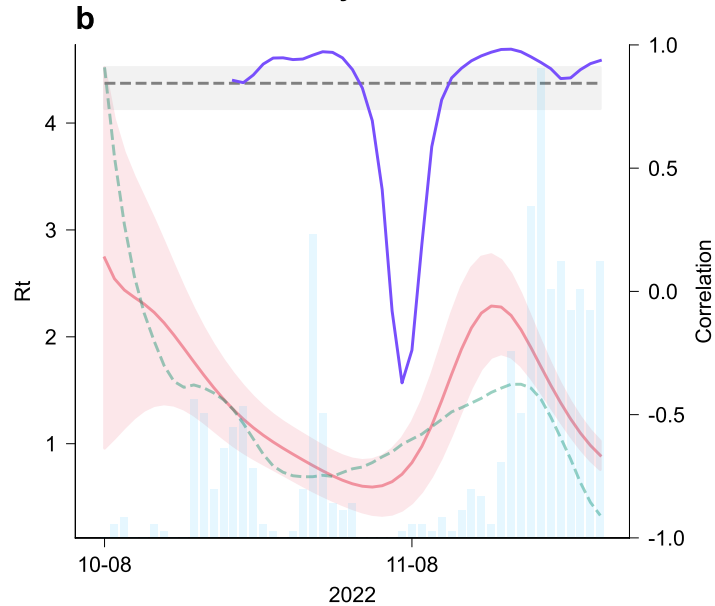


Hubei_Xiangyang (Wave 2)

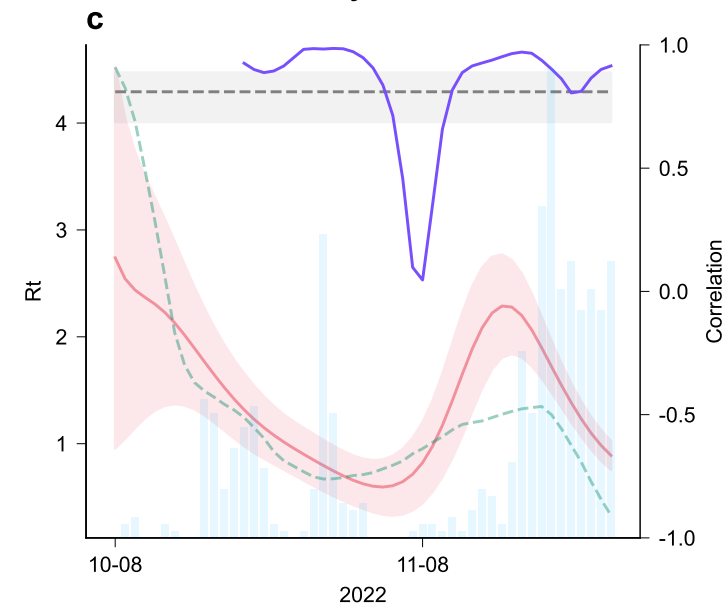
Within-city movement



Inter-city inflow

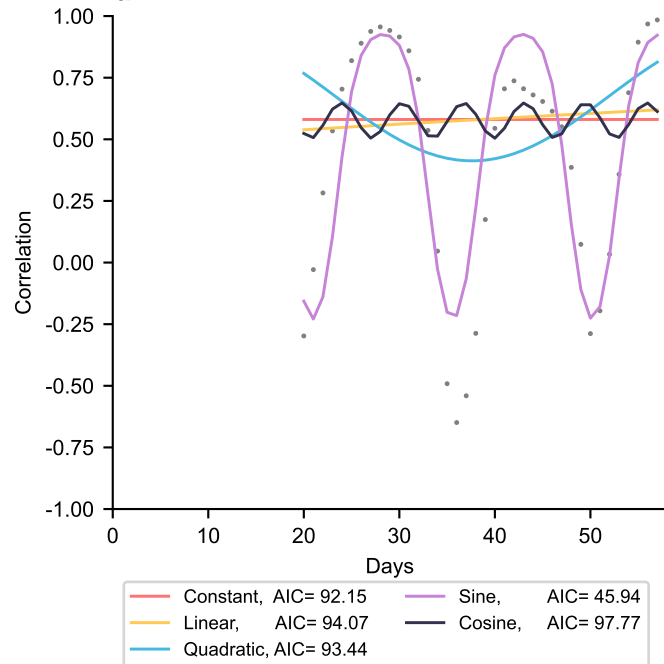


Inter-city outflow

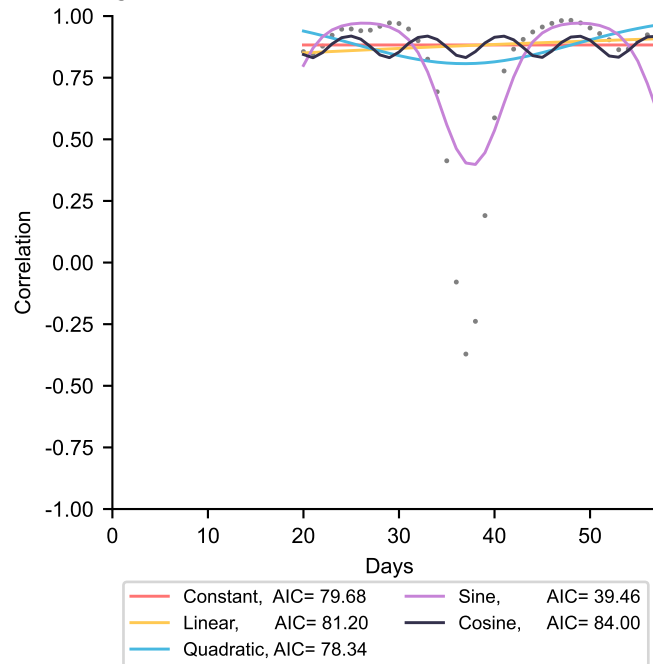


Case numbers Mobility index R_t Cross-correlation Biweekly rolling correlation

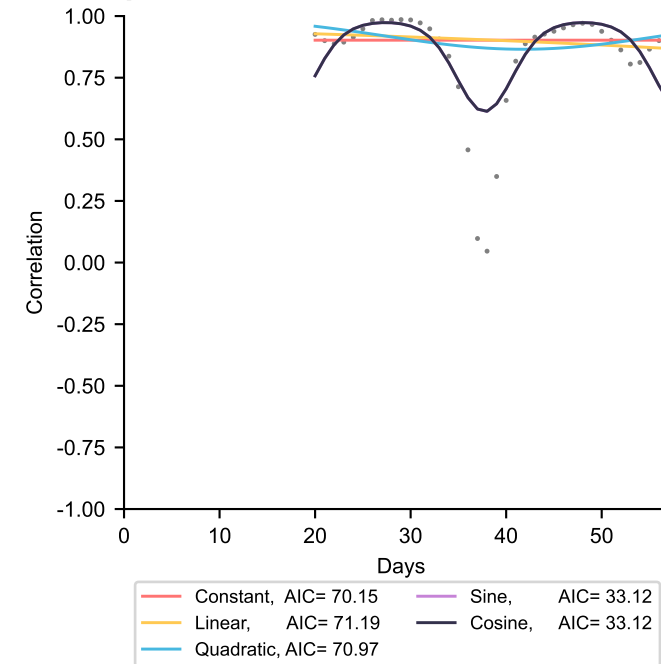
d



e

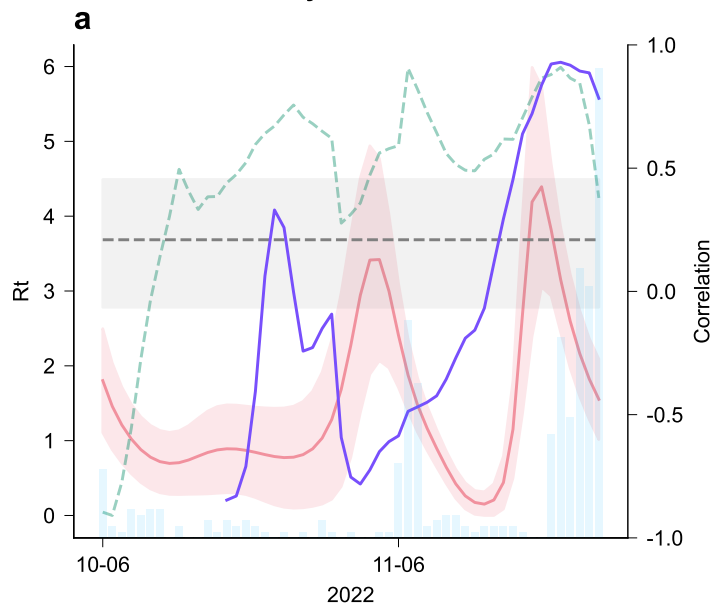


f

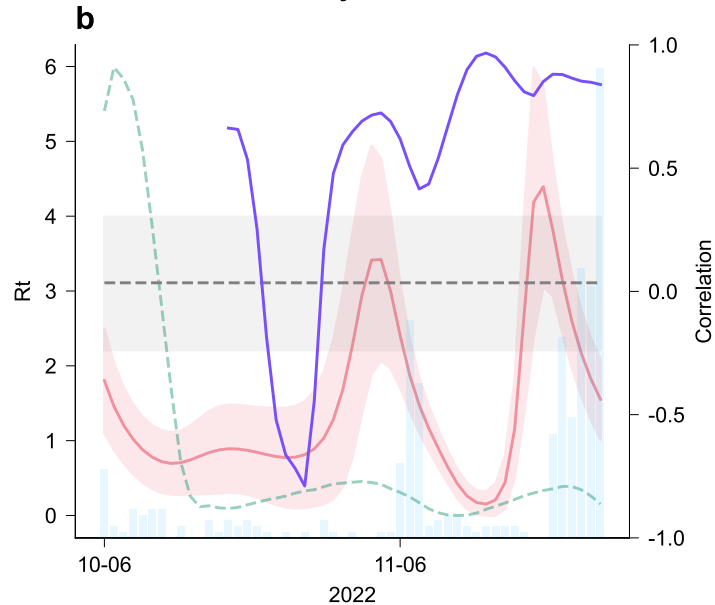


Hunan_Changsha (Wave 2)

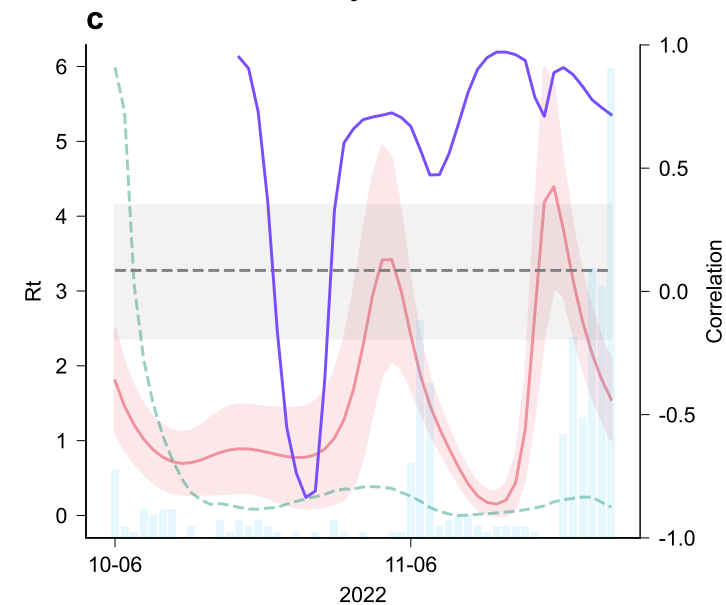
Within-city movement



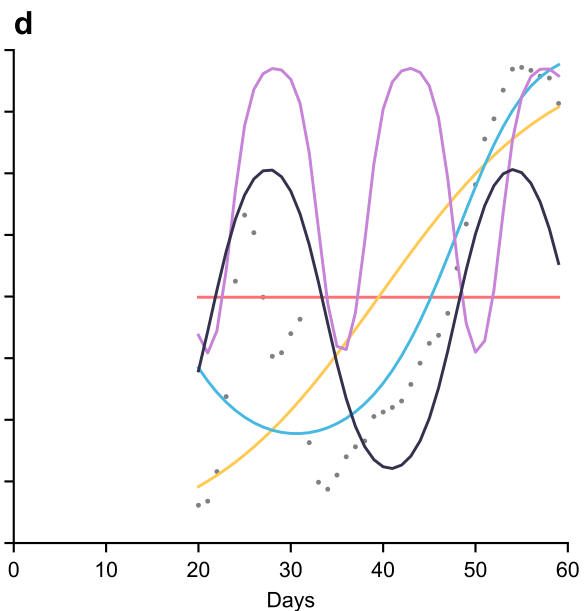
Inter-city inflow



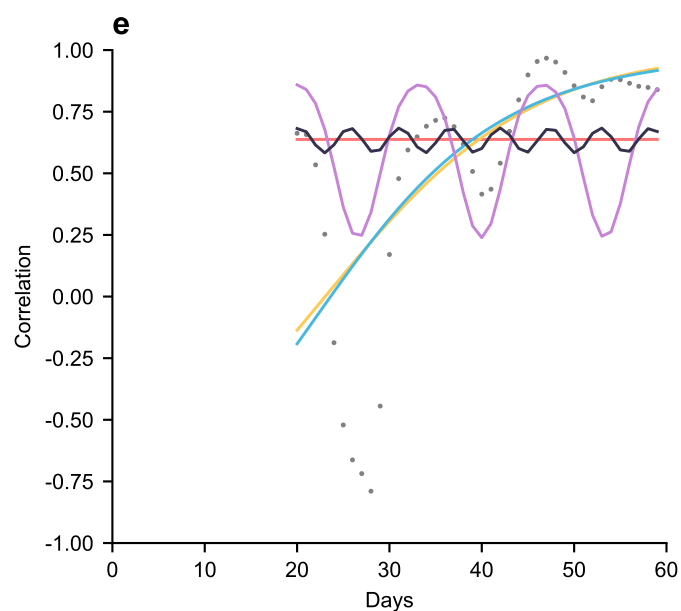
Inter-city outflow



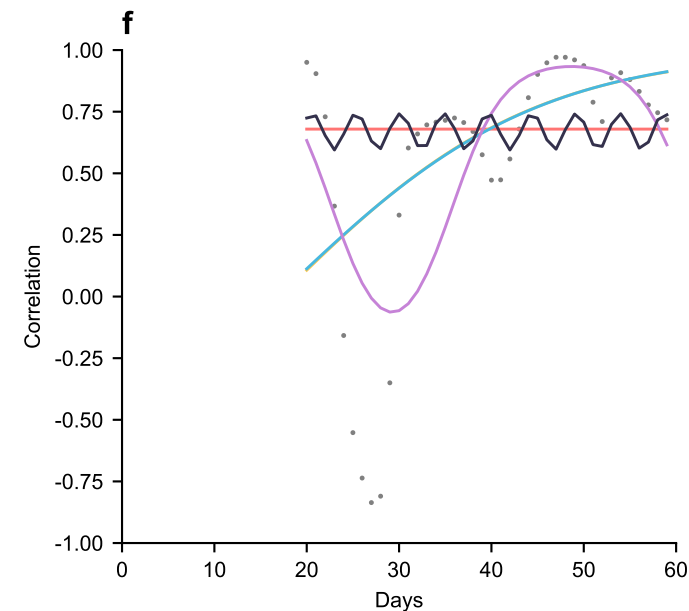
Case numbers Mobility index R_t Cross-correlation Biweekly rolling correlation



Constant, AIC= 101.24	Sine, AIC= 45.94
Linear, AIC= 71.48	Cosine, AIC= 89.86
Quadratic, AIC= 52.60	



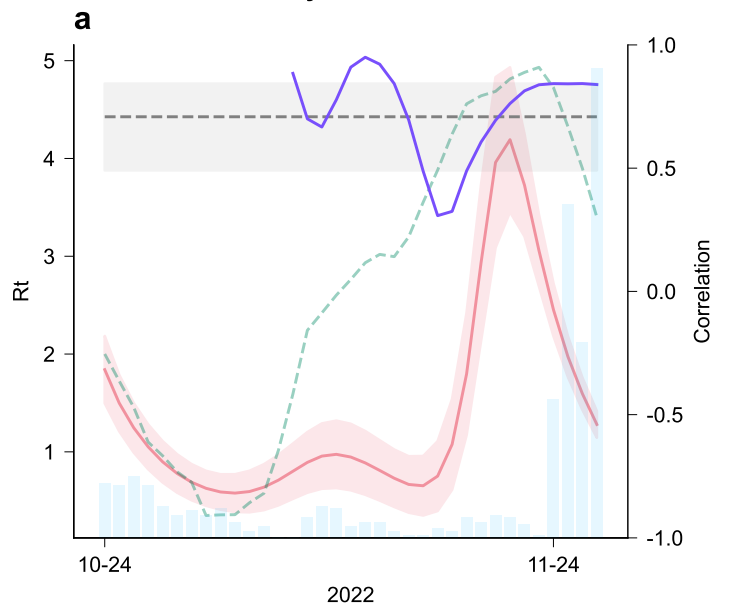
Constant, AIC= 91.56	Sine, AIC= 86.63
Linear, AIC= 66.43	Cosine, AIC= 97.29
Quadratic, AIC= 68.32	



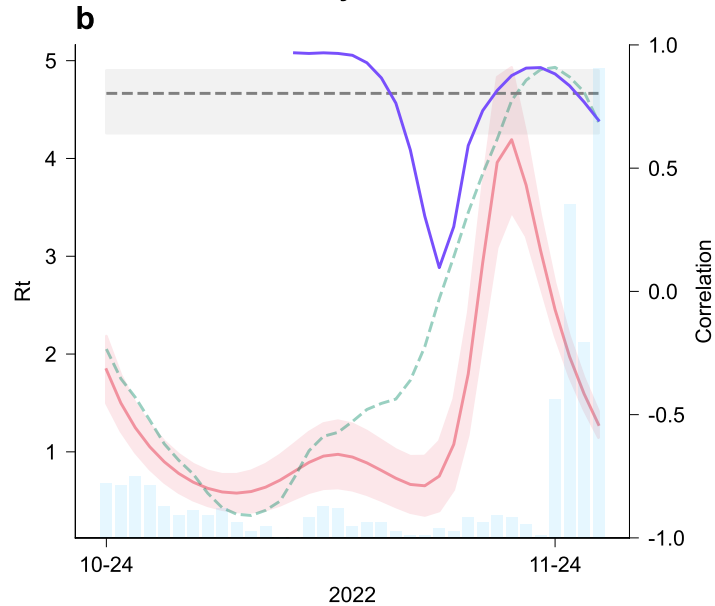
Constant, AIC= 98.81	Sine, AIC= 73.97
Linear, AIC= 88.43	Cosine, AIC= 104.27
Quadratic, AIC= 90.43	

Hunan_Huaihua (Wave 2)

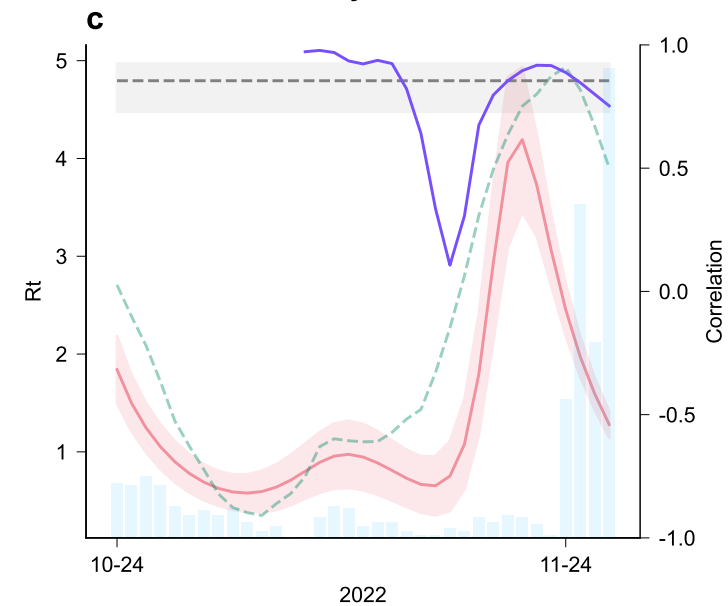
Within-city movement



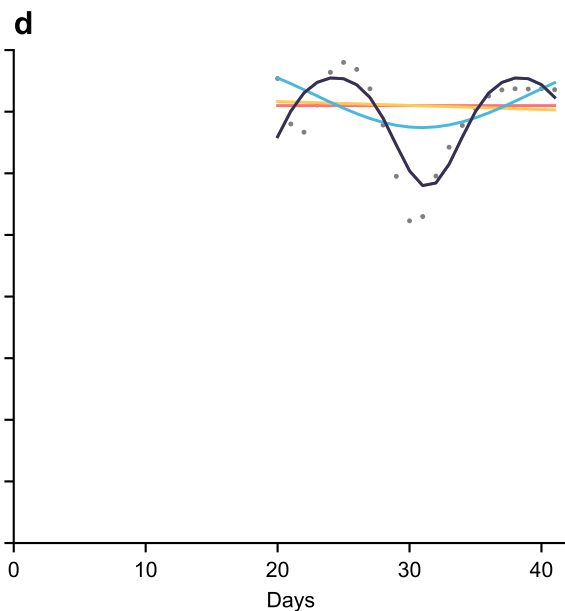
Inter-city inflow



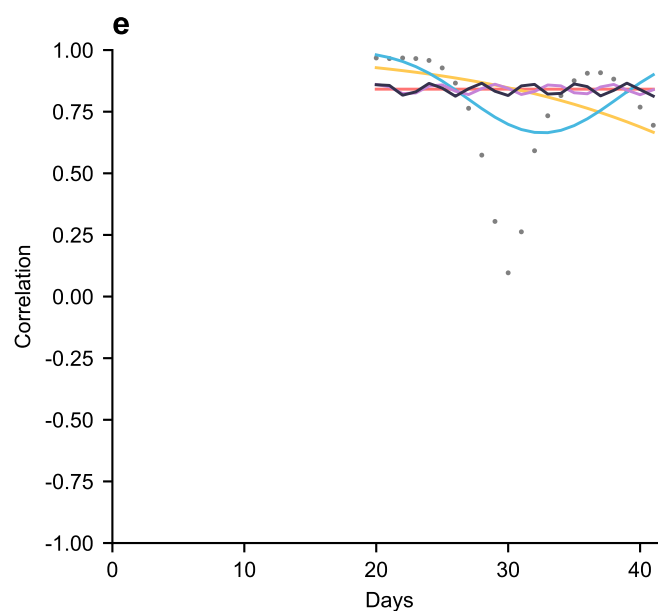
Inter-city outflow



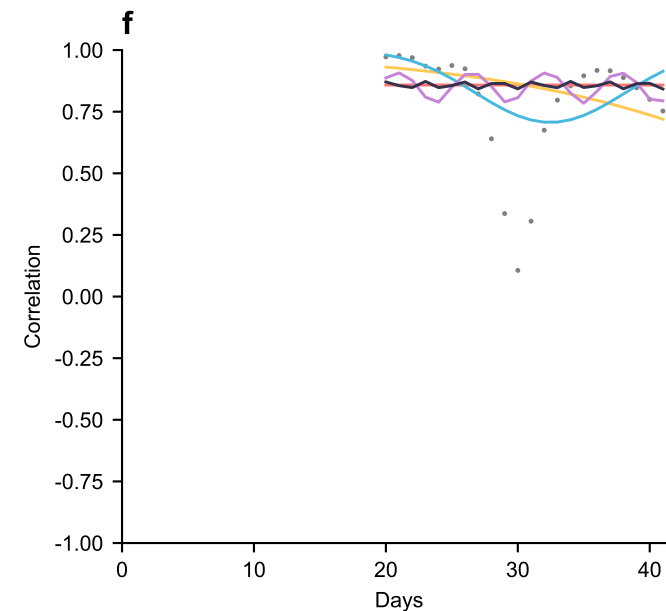
Case numbers Mobility index R_t Cross-correlation Biweekly rolling correlation



Constant, AIC= 24.80	Sine, AIC= 7.73
Linear, AIC= 26.70	Cosine, AIC= 7.73
Quadratic, AIC= 23.94	



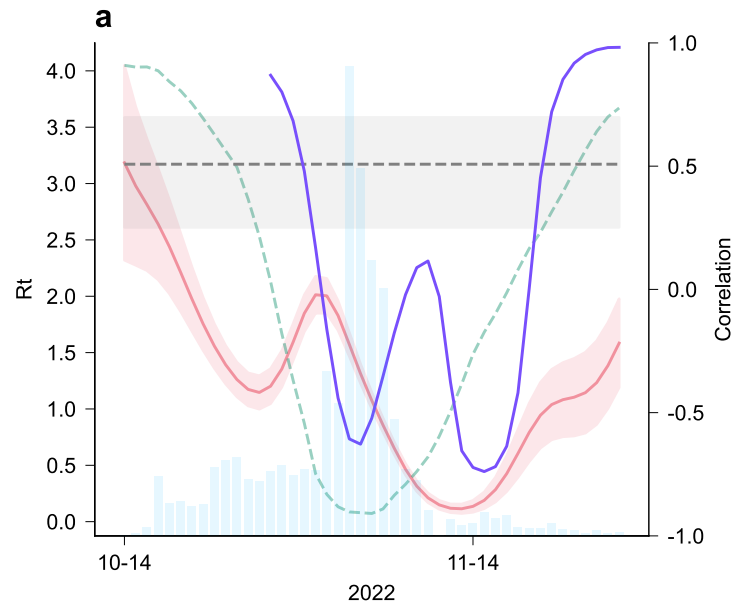
Constant, AIC= 42.70	Sine, AIC= 48.53
Linear, AIC= 40.05	Cosine, AIC= 48.43
Quadratic, AIC= 29.86	



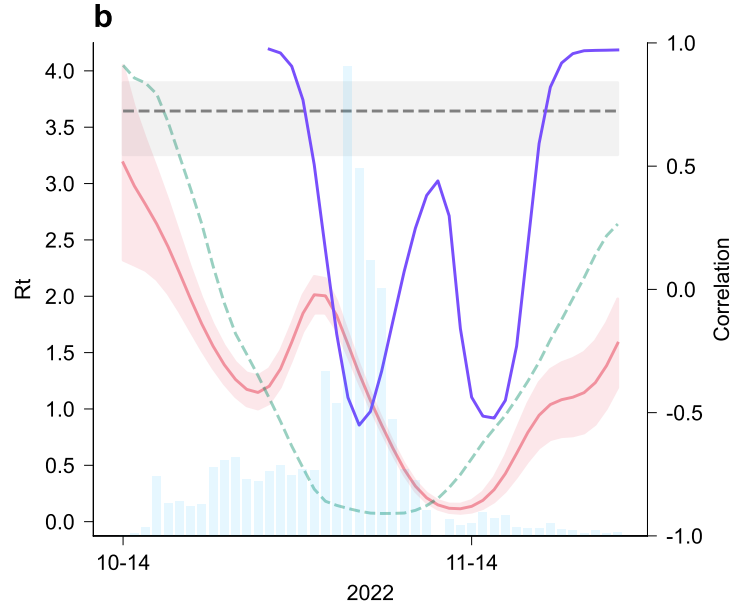
Constant, AIC= 40.99	Sine, AIC= 45.03
Linear, AIC= 38.96	Cosine, AIC= 46.87
Quadratic, AIC= 29.11	

Hunan_Shaoyang (Wave 2)

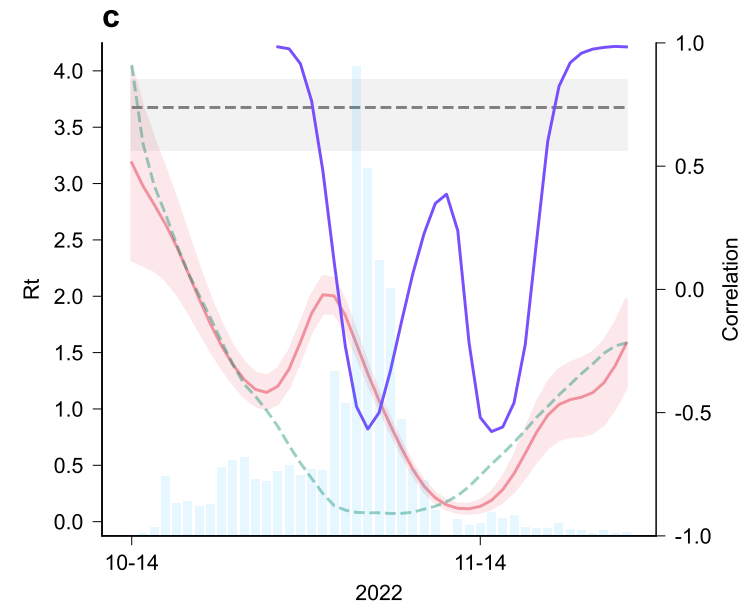
Within-city movement



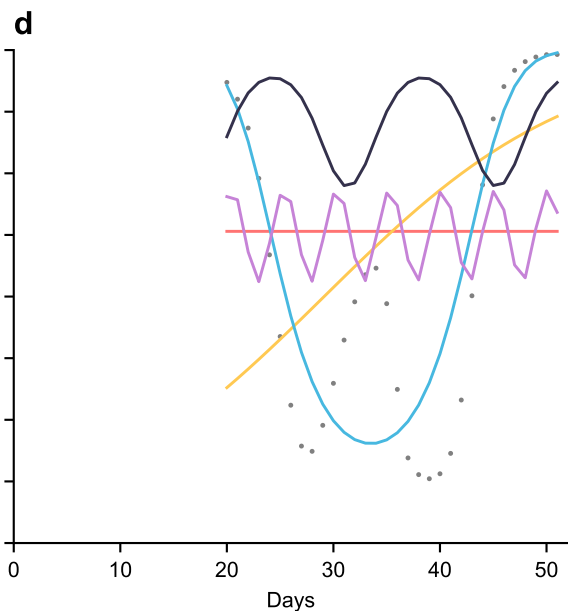
Inter-city inflow



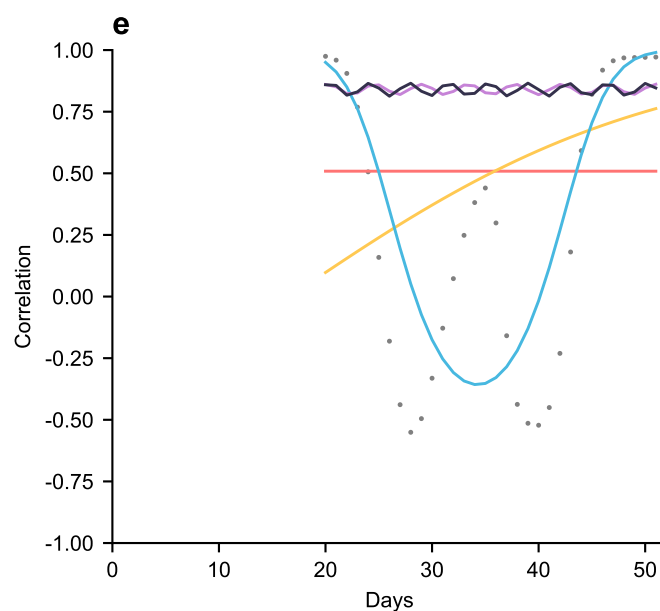
Inter-city outflow



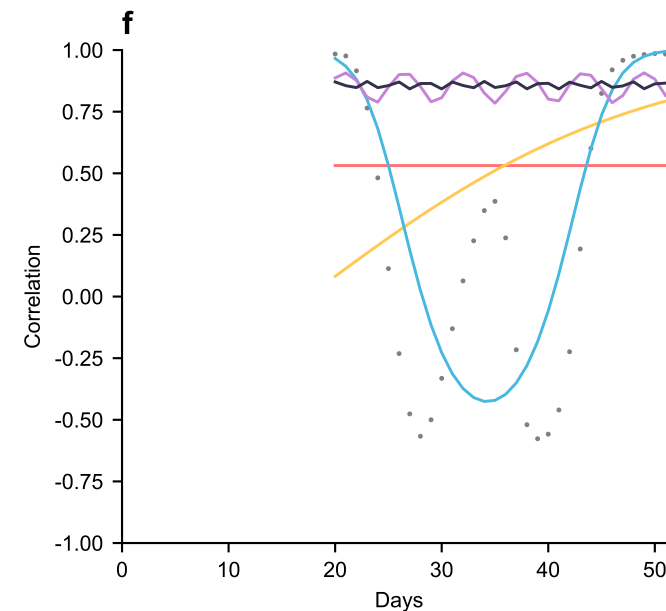
Case numbers Mobility index R_t Cross-correlation Biweekly rolling correlation



Constant, AIC= 94.43	Sine, AIC= 99.76
Linear, AIC= 91.00	Cosine, AIC= 7.73
Quadratic, AIC= 40.82	

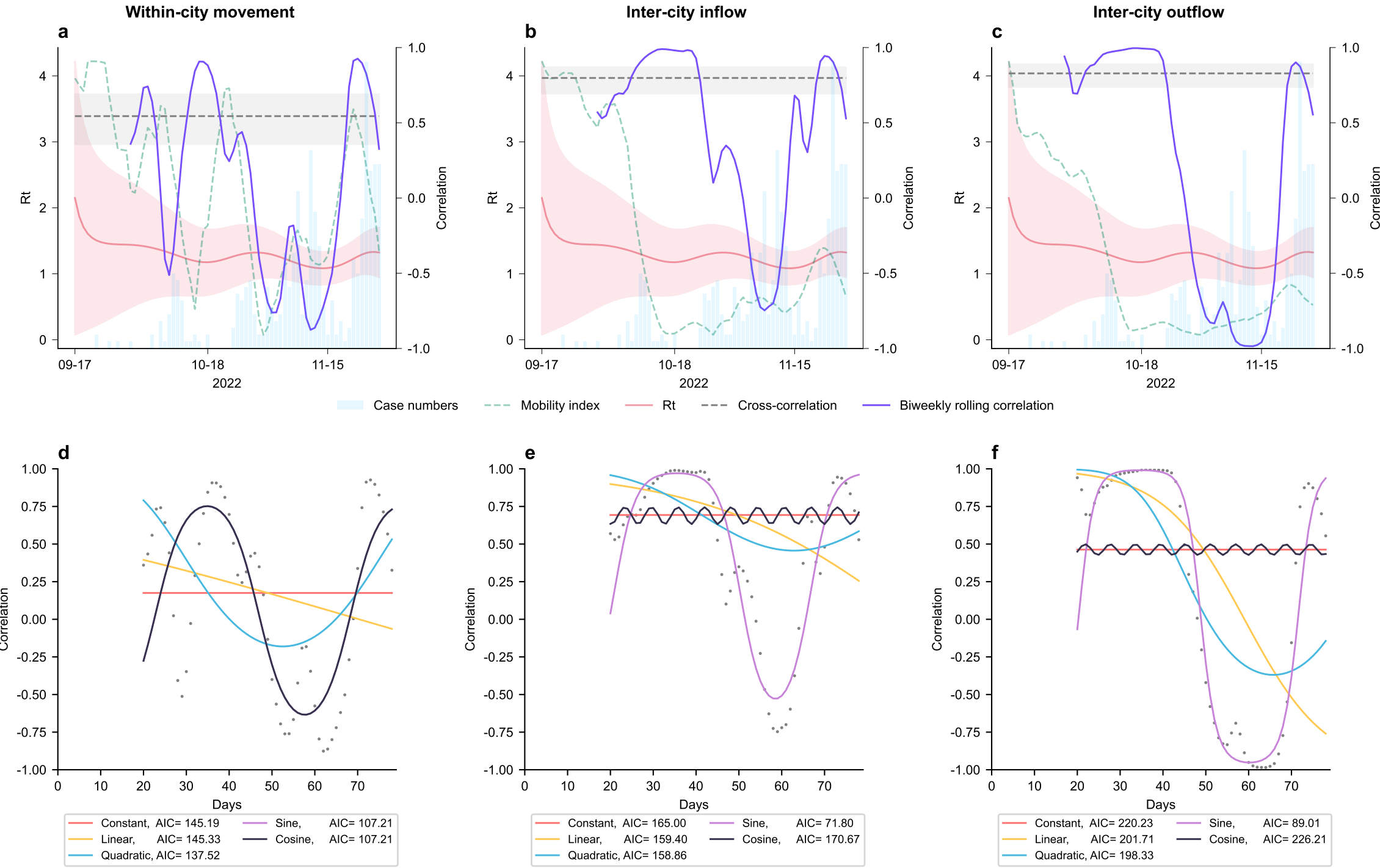


Constant, AIC= 91.30	Sine, AIC= 48.53
Linear, AIC= 90.96	Cosine, AIC= 48.43
Quadratic, AIC= 47.85	



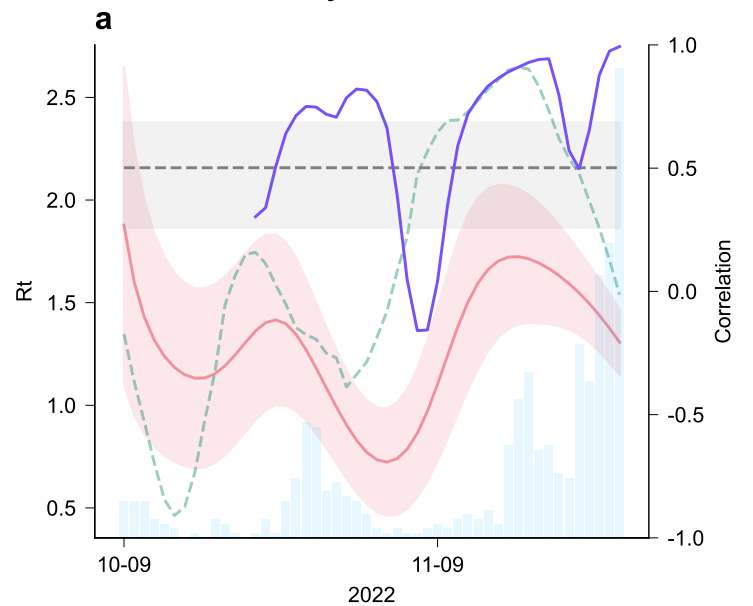
Constant, AIC= 97.17	Sine, AIC= 45.03
Linear, AIC= 96.81	Cosine, AIC= 46.87
Quadratic, AIC= 49.27	

Inner Mongolia_Bayannaoer (Wave 2)

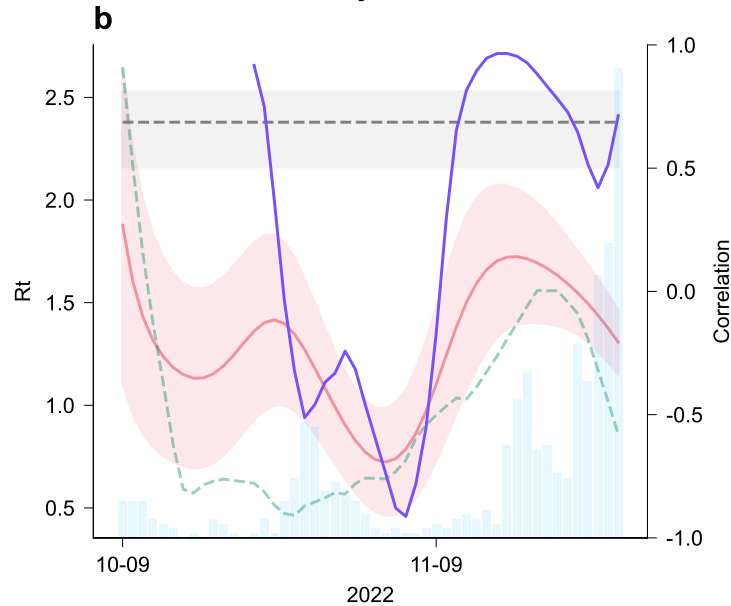


Inner Mongolia_Eerduosi (Wave 2)

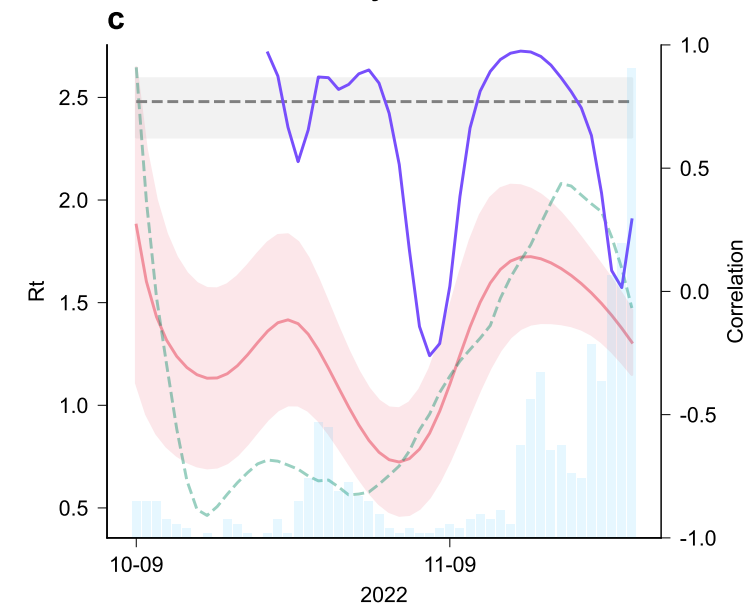
Within-city movement



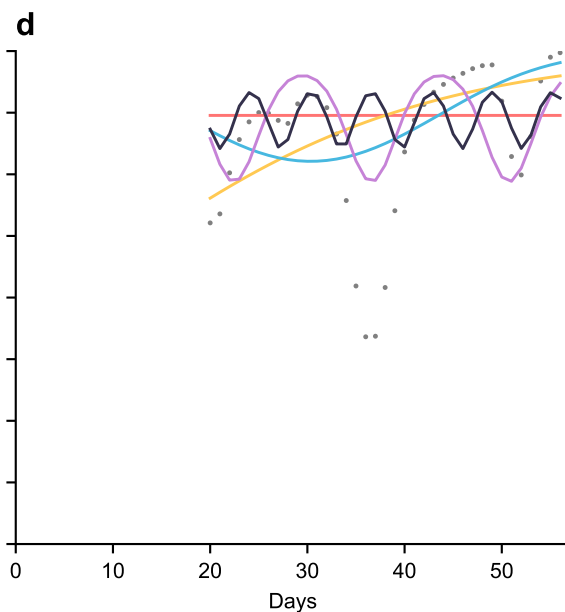
Inter-city inflow



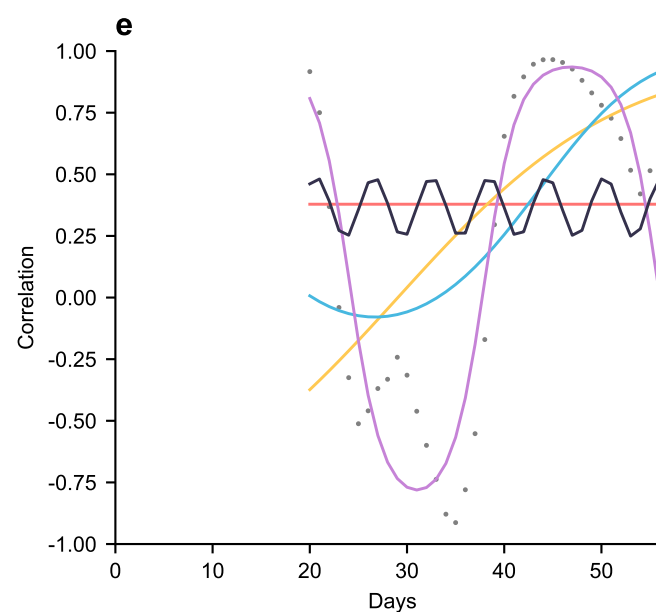
Inter-city outflow



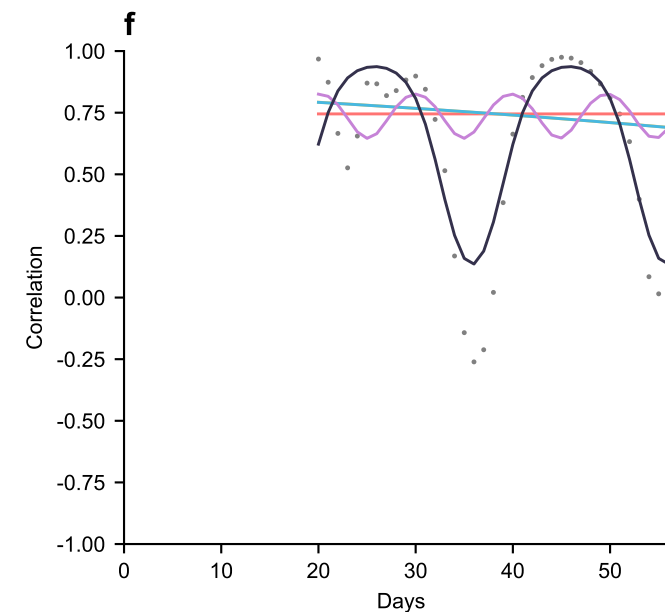
Case numbers Mobility index R_t Cross-correlation Biweekly rolling correlation



Constant, AIC= 73.21	Sine, AIC= 66.05
Linear, AIC= 64.52	Cosine, AIC= 76.03
Quadratic, AIC= 61.37	



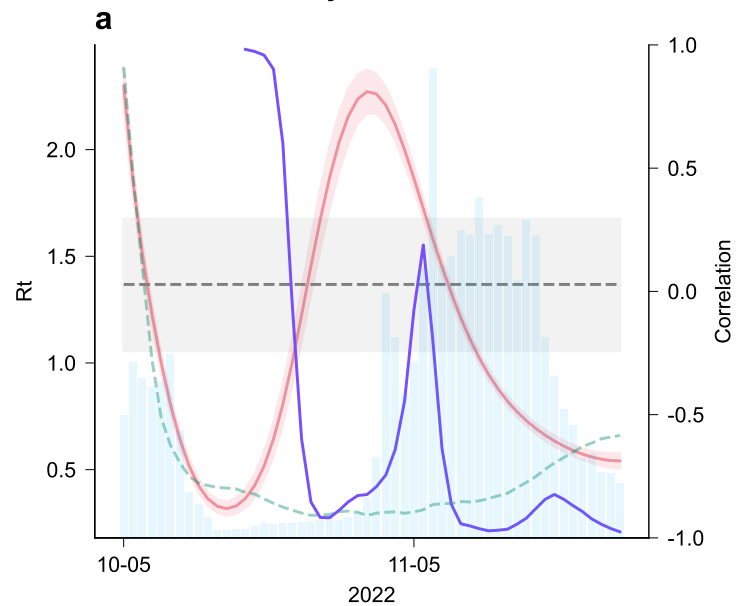
Constant, AIC= 105.60	Sine, AIC= 48.51
Linear, AIC= 98.69	Cosine, AIC= 111.23
Quadratic, AIC= 98.80	



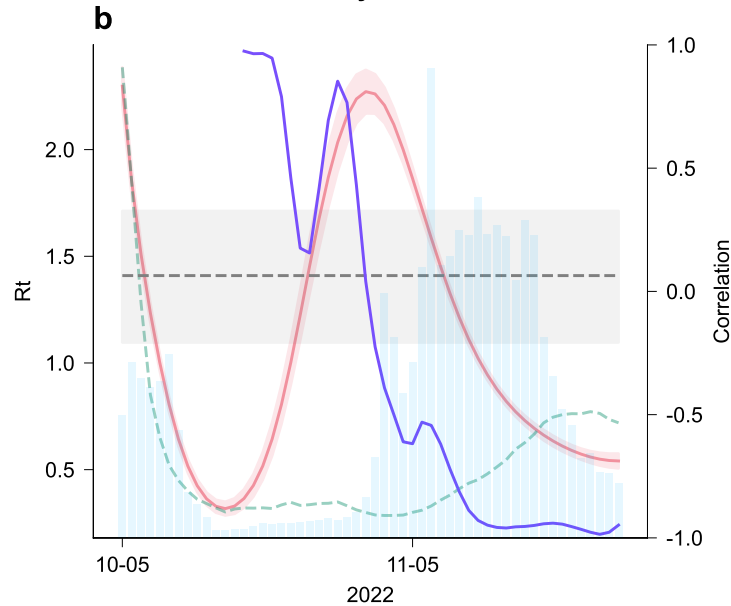
Constant, AIC= 79.14	Sine, AIC= 83.50
Linear, AIC= 80.79	Cosine, AIC= 46.81
Quadratic, AIC= 82.79	

Inner Mongolia_Hohhot (Wave 2)

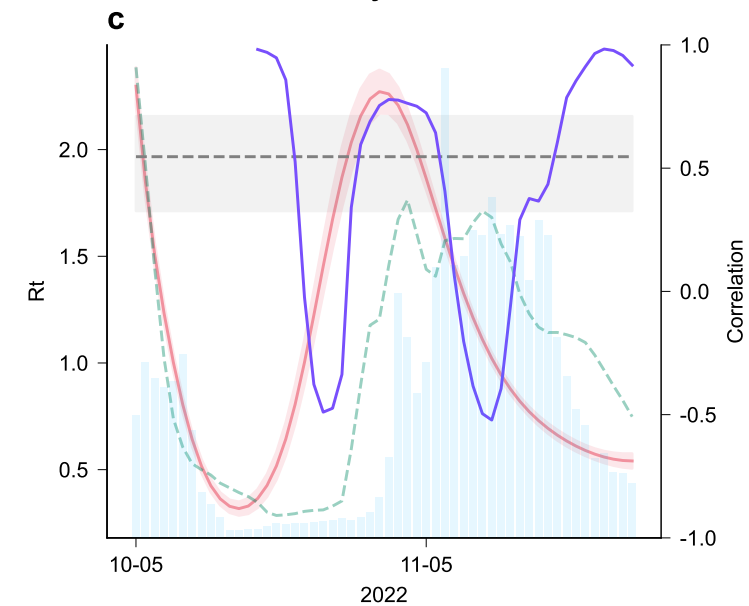
Within-city movement



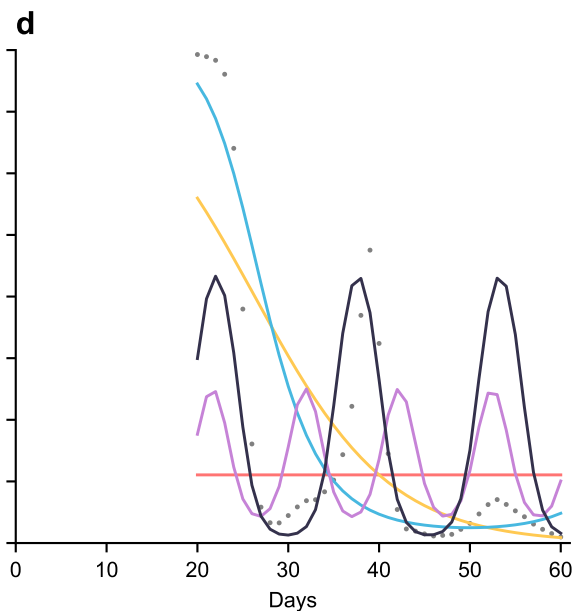
Inter-city inflow



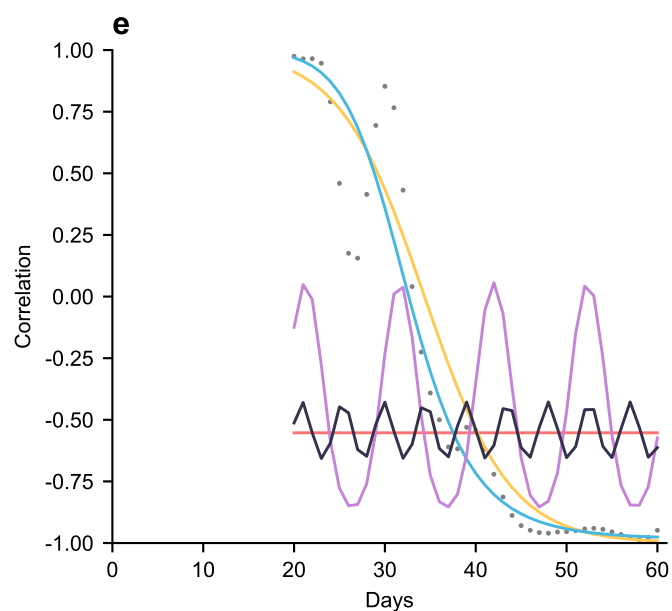
Inter-city outflow



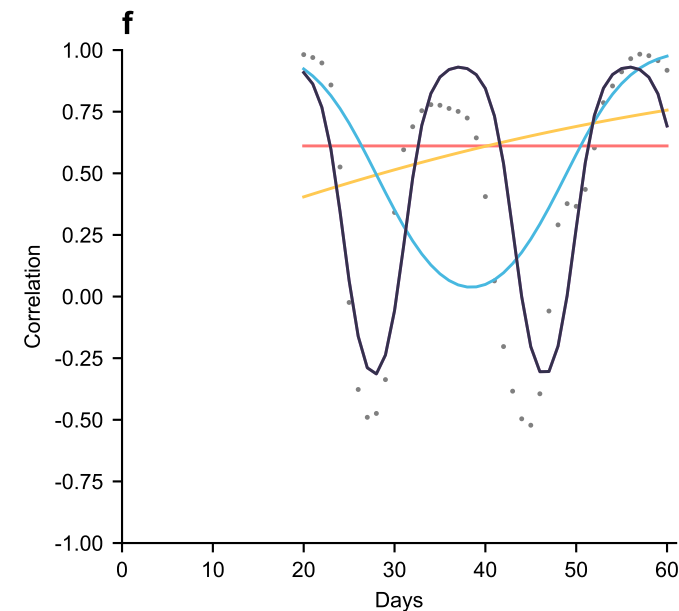
Case numbers Mobility index R_t Cross-correlation Biweekly rolling correlation



Constant, AIC= 132.01	Sine, AIC= 133.57
Linear, AIC= 107.86	Cosine, AIC= 114.79
Quadratic, AIC= 97.76	



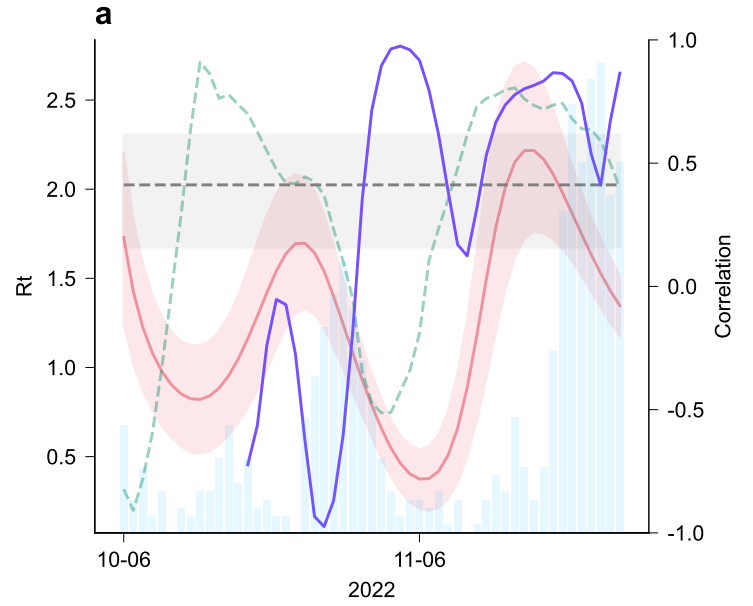
Constant, AIC= 141.44	Sine, AIC= 142.21
Linear, AIC= 52.82	Cosine, AIC= 147.13
Quadratic, AIC= 36.53	



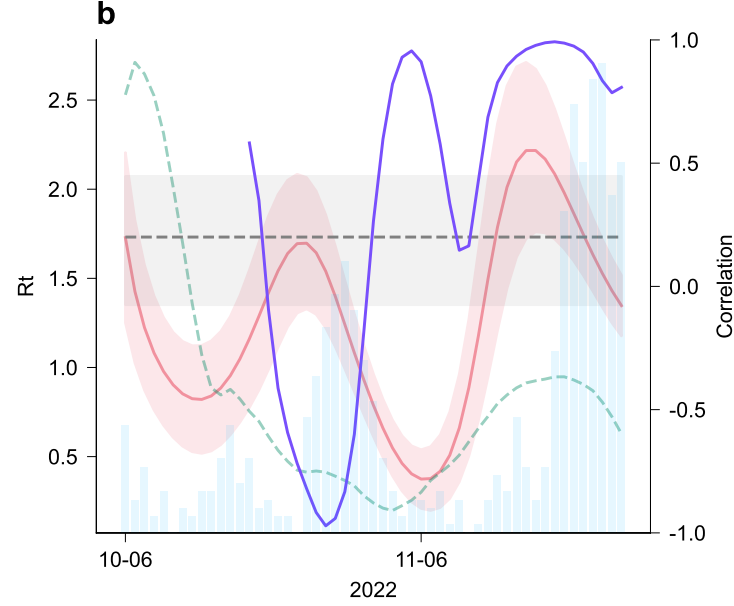
Constant, AIC= 107.14	Sine, AIC= 72.22
Linear, AIC= 107.68	Cosine, AIC= 72.22
Quadratic, AIC= 85.28	

Jiangsu_Nanjing (Wave 2)

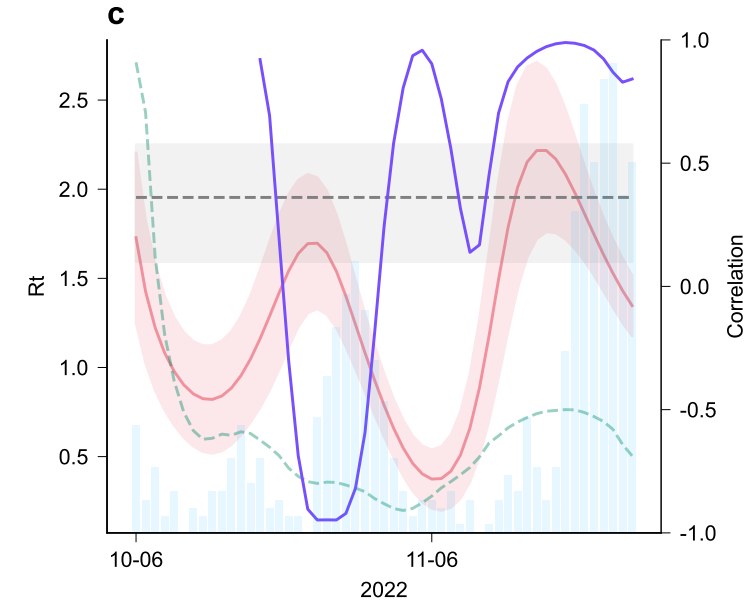
Within-city movement



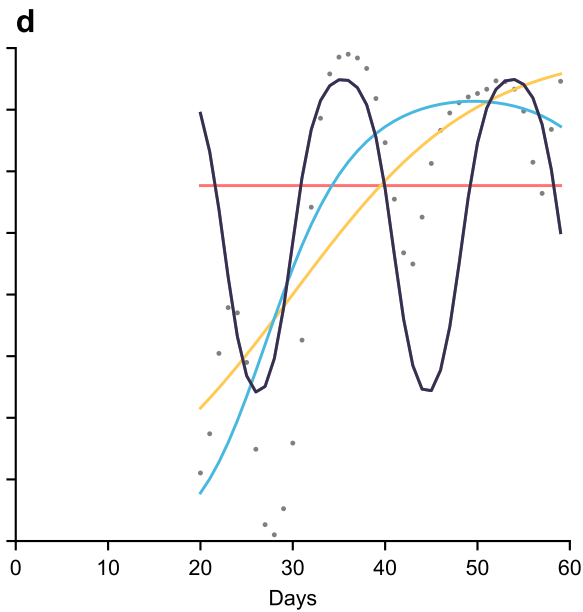
Inter-city inflow



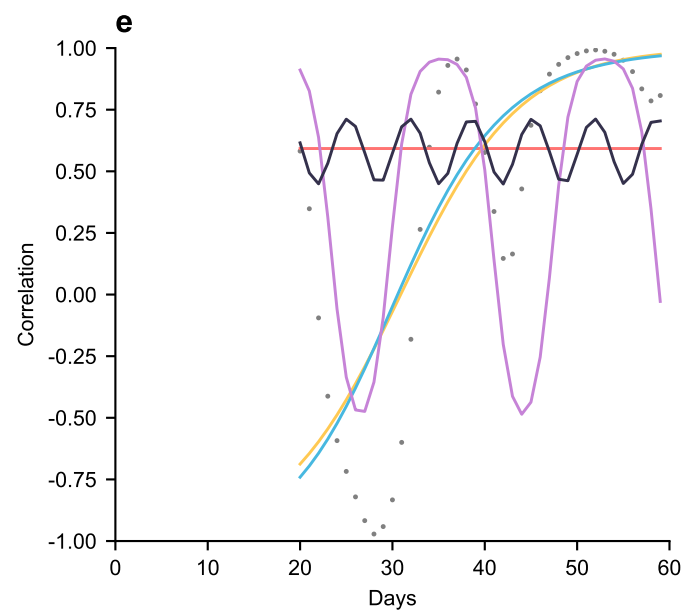
Inter-city outflow



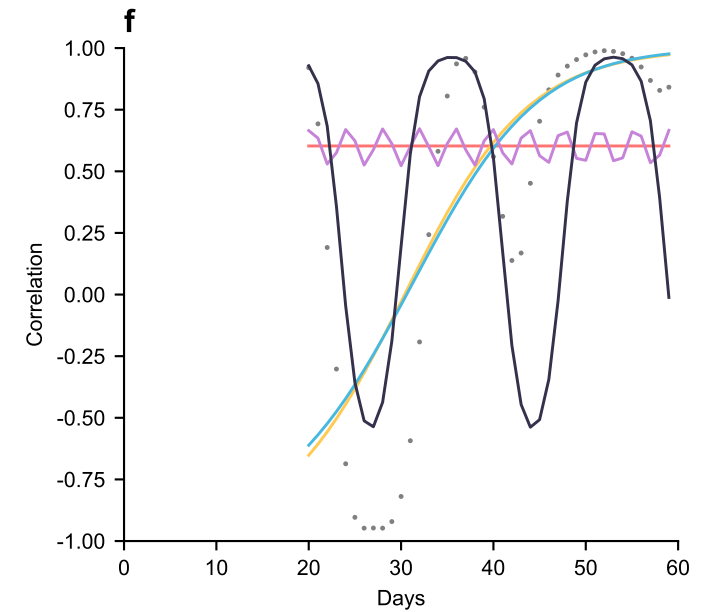
Case numbers Mobility index R_t Cross-correlation Biweekly rolling correlation



Constant, AIC= 115.97	Sine, AIC= 102.84
Linear, AIC= 101.07	Cosine, AIC= 102.84
Quadratic, AIC= 97.07	

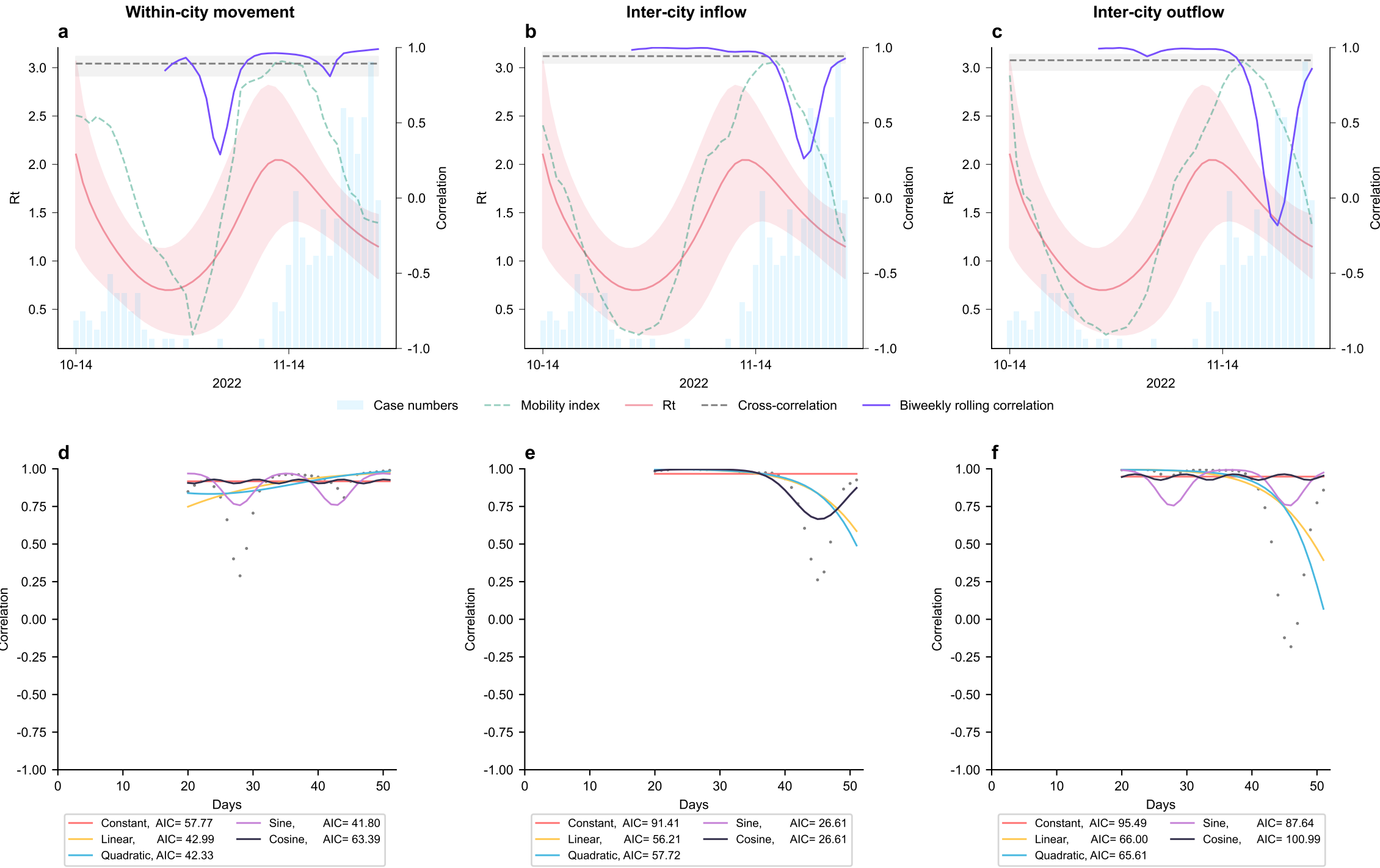


Constant, AIC= 131.83	Sine, AIC= 114.53
Linear, AIC= 105.03	Cosine, AIC= 137.31
Quadratic, AIC= 106.88	

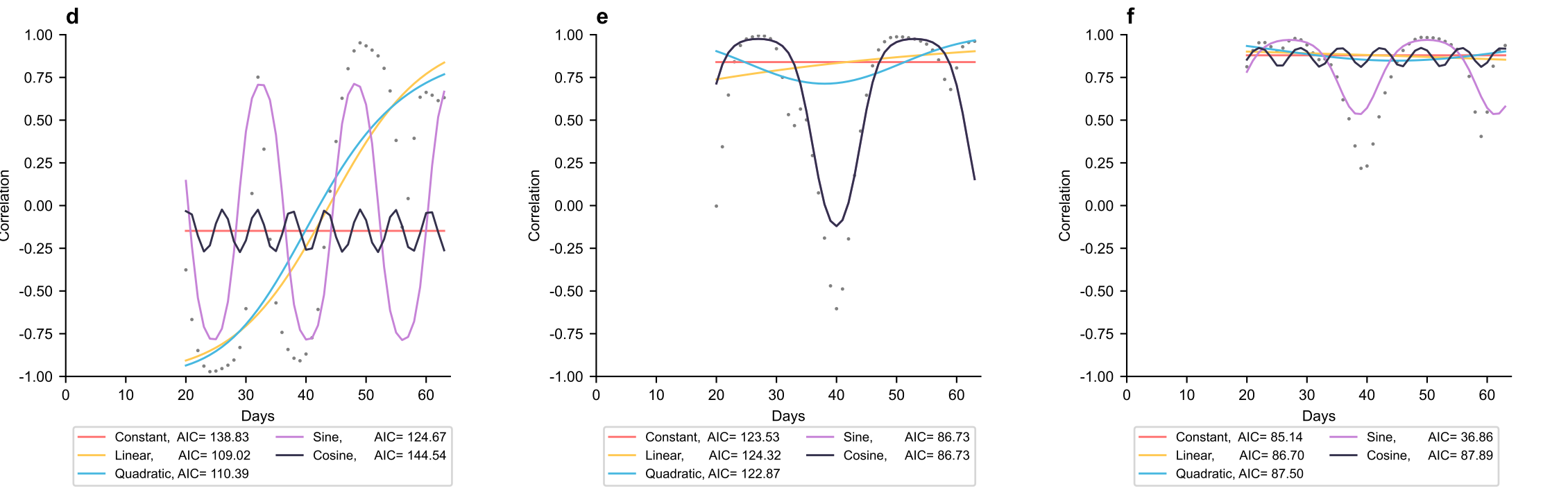
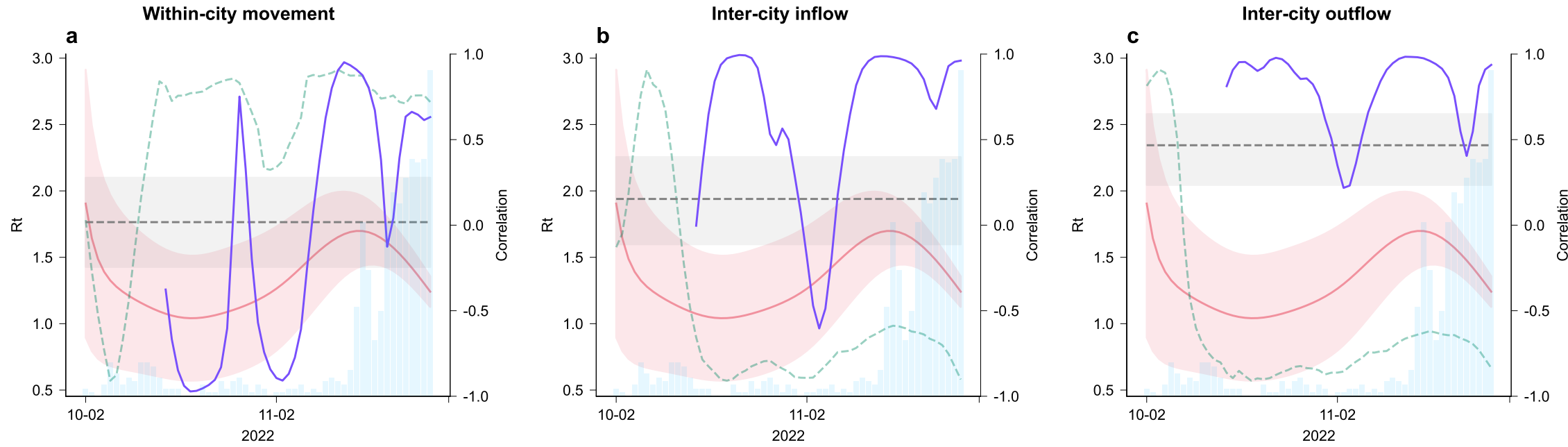


Constant, AIC= 133.80	Sine, AIC= 139.63
Linear, AIC= 111.39	Cosine, AIC= 113.59
Quadratic, AIC= 113.34	

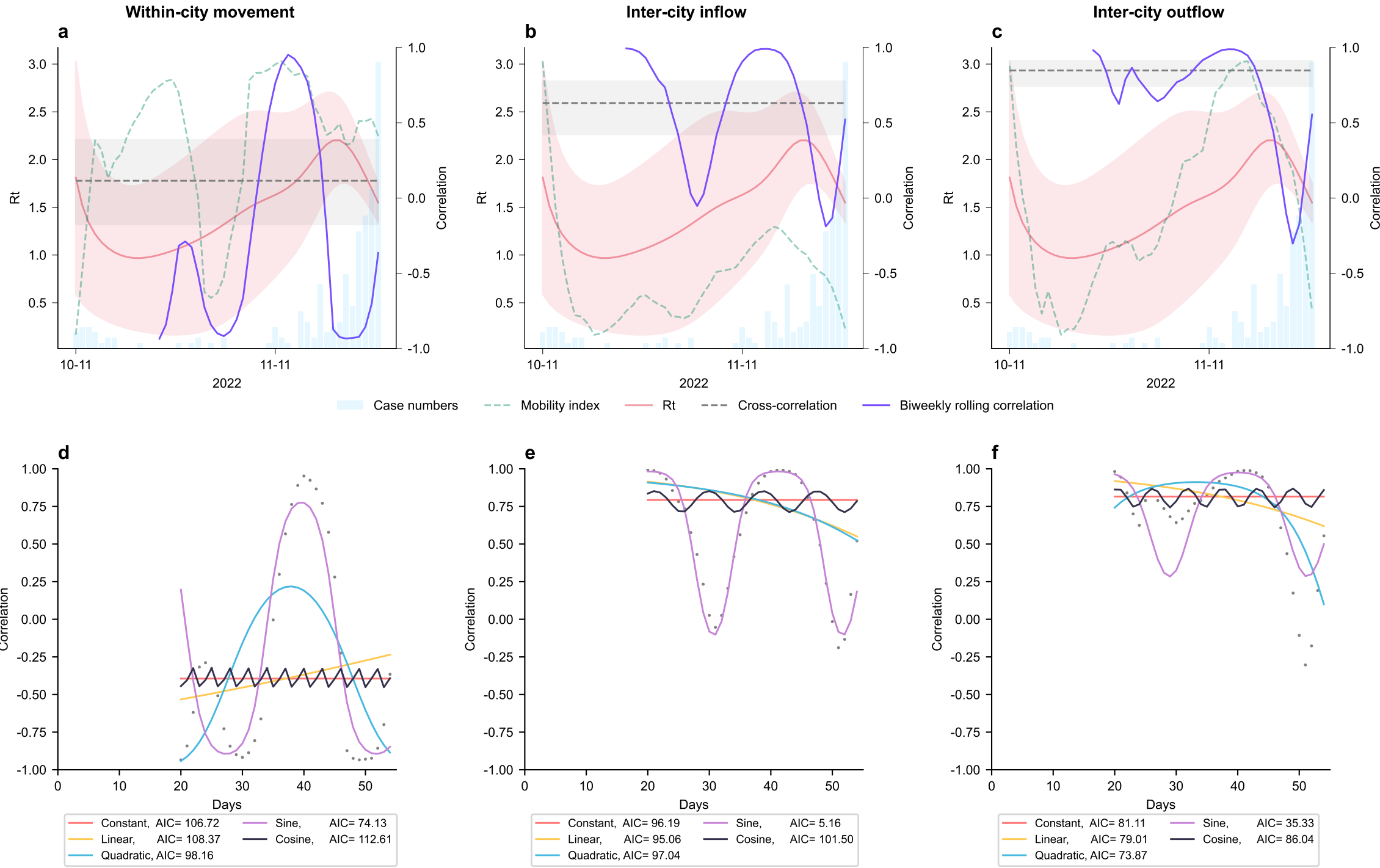
Jiangsu_Nantong (Wave 2)



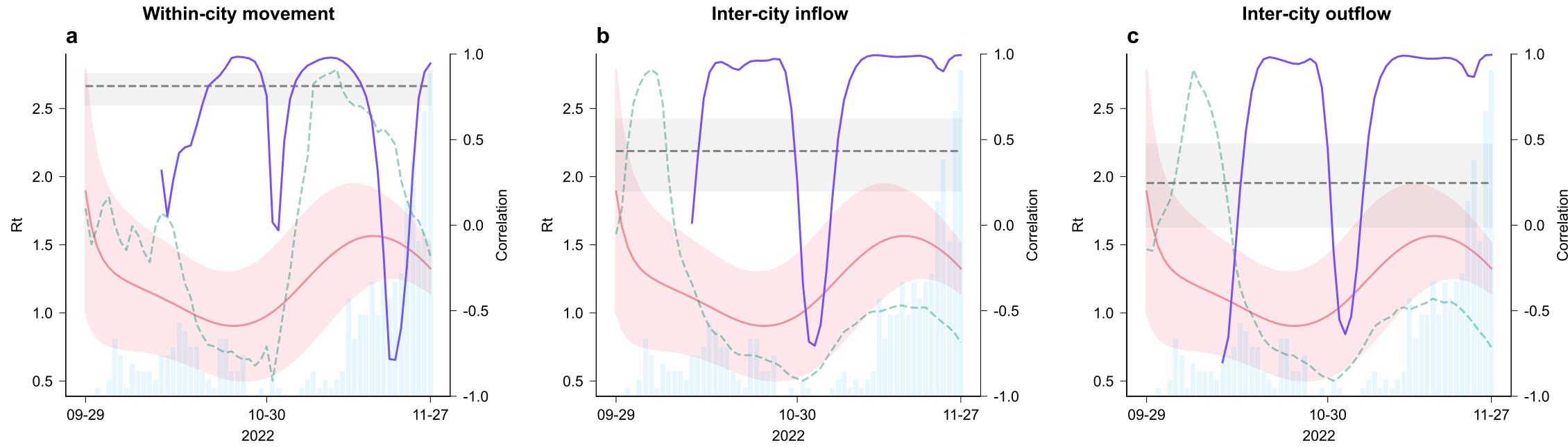
Jiangsu_Suzhou (Wave 2)



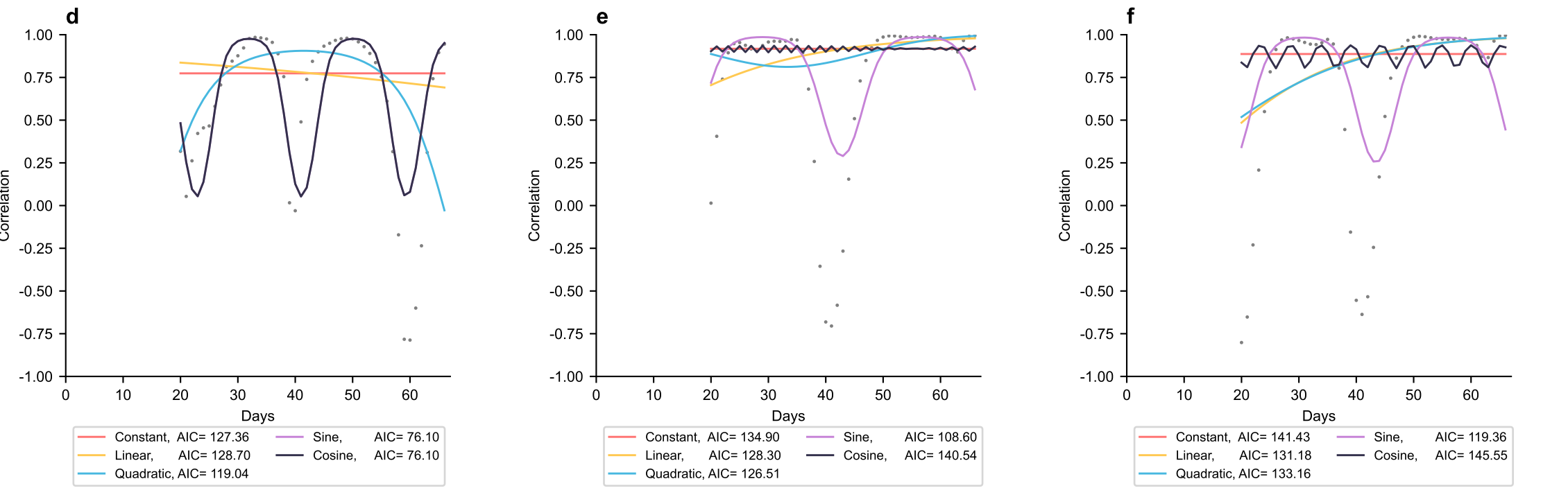
Jiangsu_Wuxi (Wave 2)



Jiangsu_Xuzhou (Wave 2)



Case numbers Mobility index Rt Cross-correlation Biweekly rolling correlation



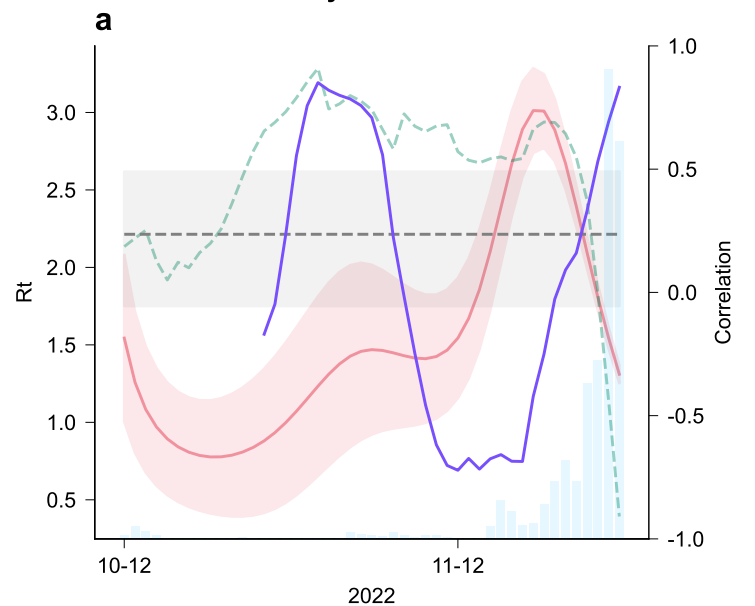
Constant, AIC= 127.36	Sine, AIC= 76.10
Linear, AIC= 128.70	Cosine, AIC= 76.10
Quadratic, AIC= 119.04	

Constant, AIC= 134.90	Sine, AIC= 108.60
Linear, AIC= 128.30	Cosine, AIC= 140.54
Quadratic, AIC= 126.51	

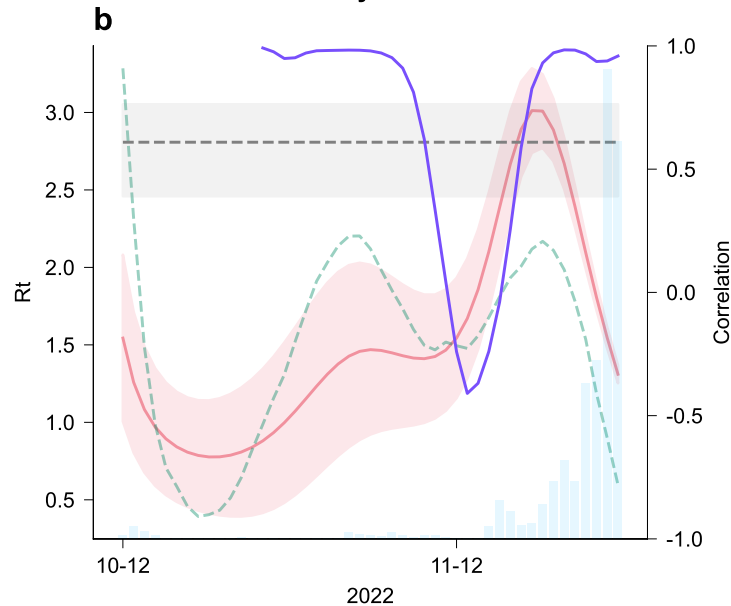
Constant, AIC= 141.43	Sine, AIC= 119.36
Linear, AIC= 131.18	Cosine, AIC= 145.55
Quadratic, AIC= 133.16	

Jilin_Changchun (Wave 2)

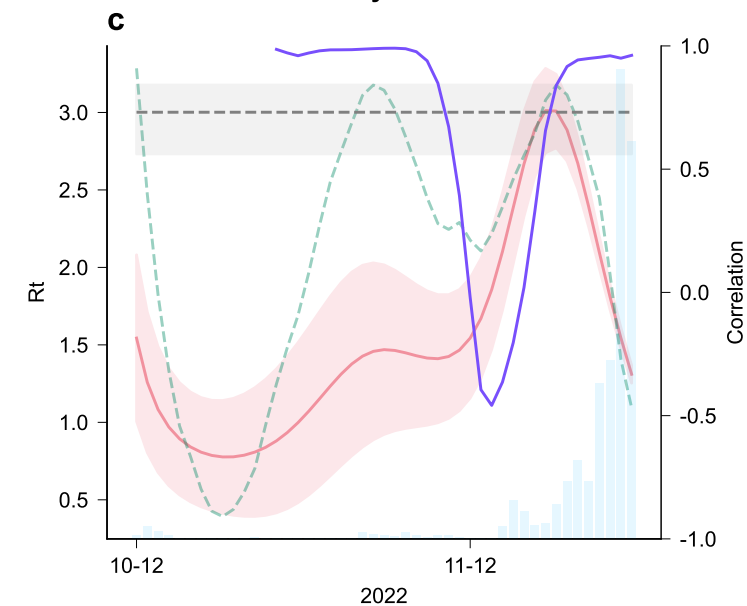
Within-city movement



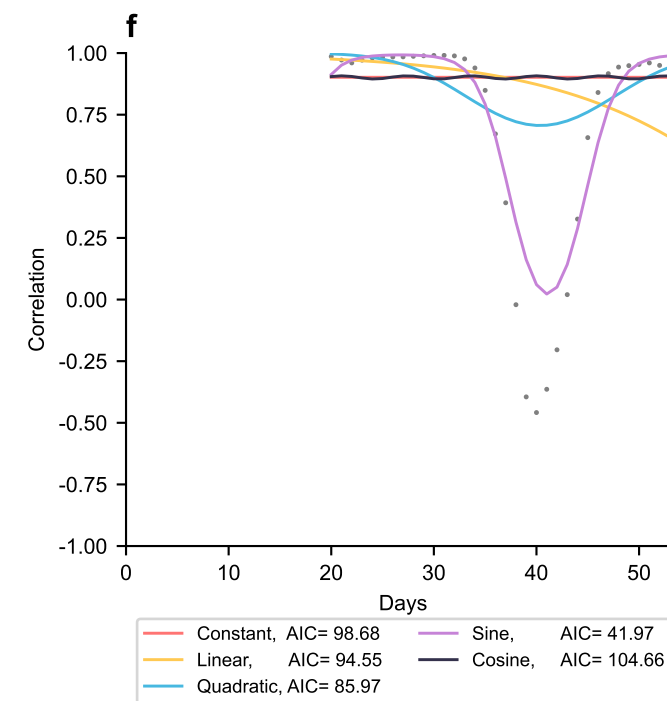
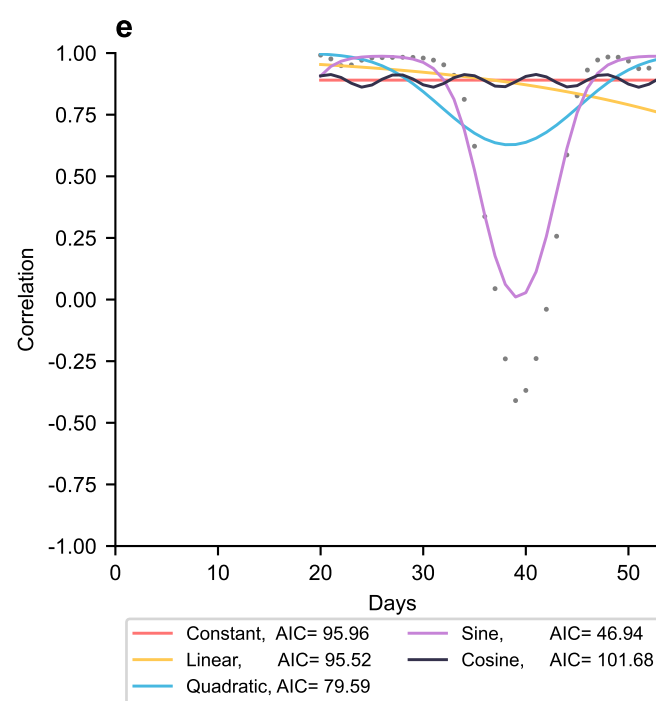
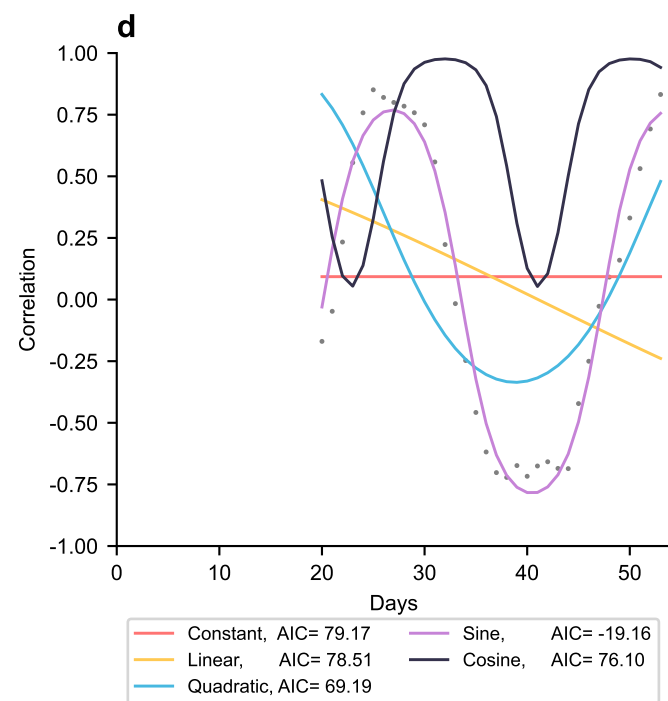
Inter-city inflow



Inter-city outflow

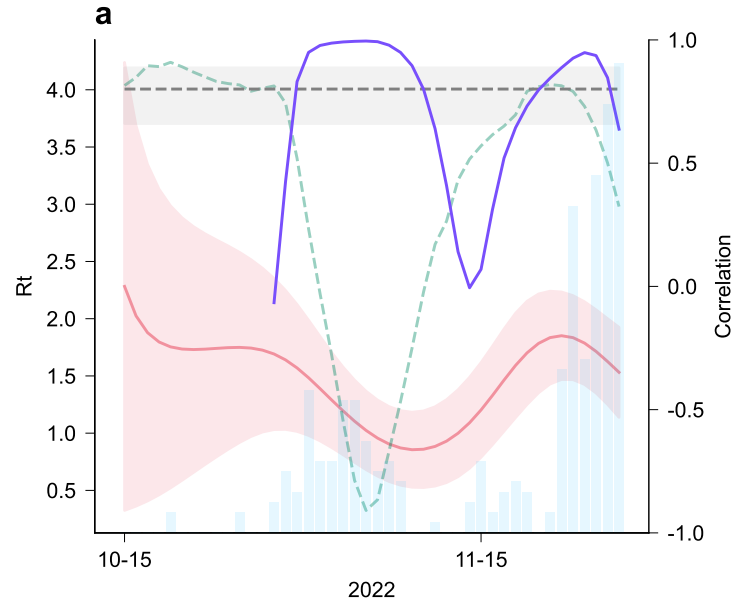


Case numbers Mobility index Rt Cross-correlation Biweekly rolling correlation

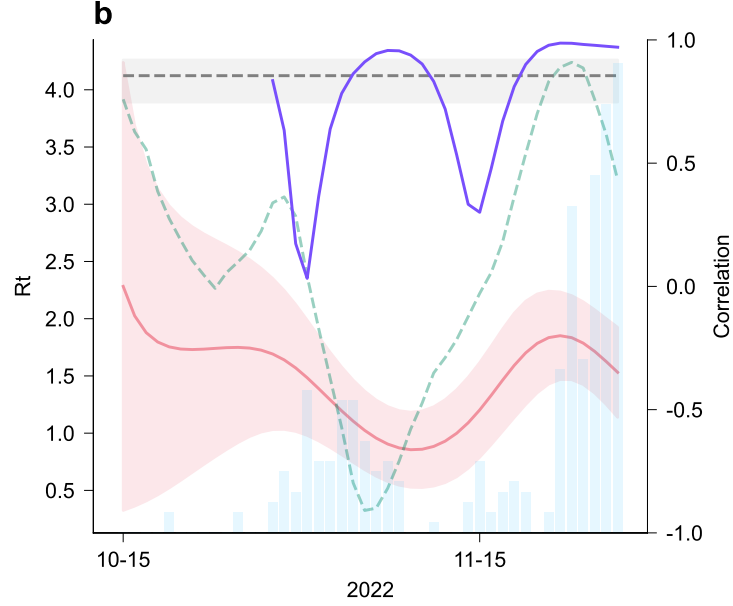


Liaoning_Jinzhou (Wave 2)

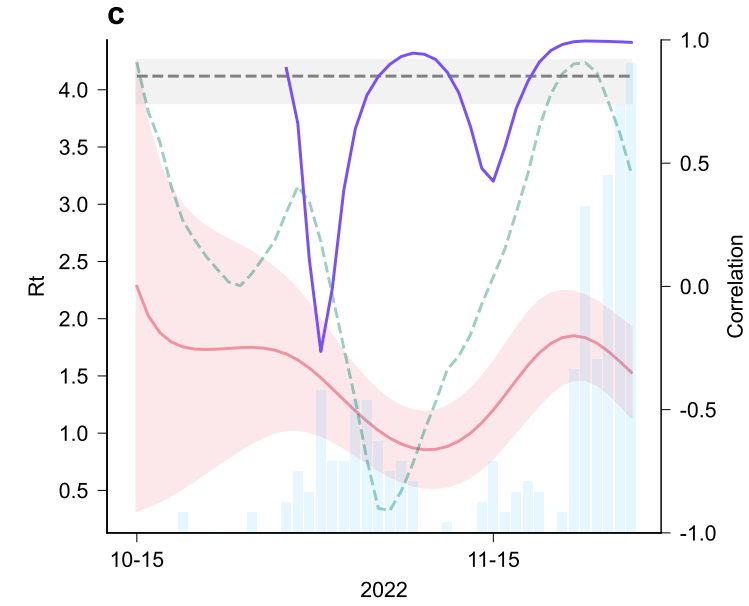
Within-city movement



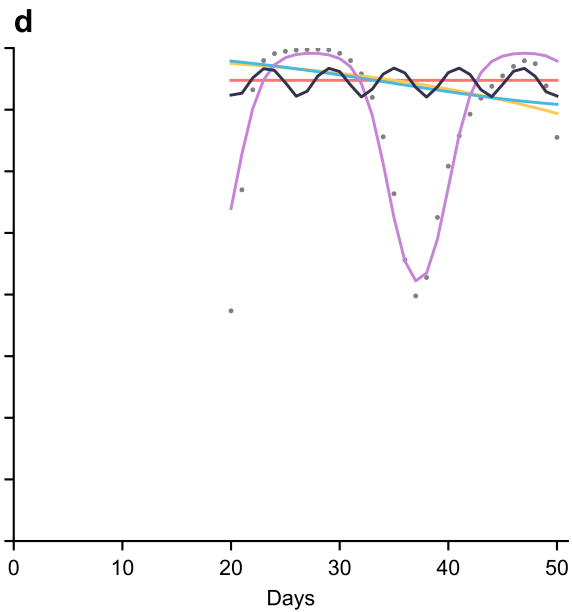
Inter-city inflow



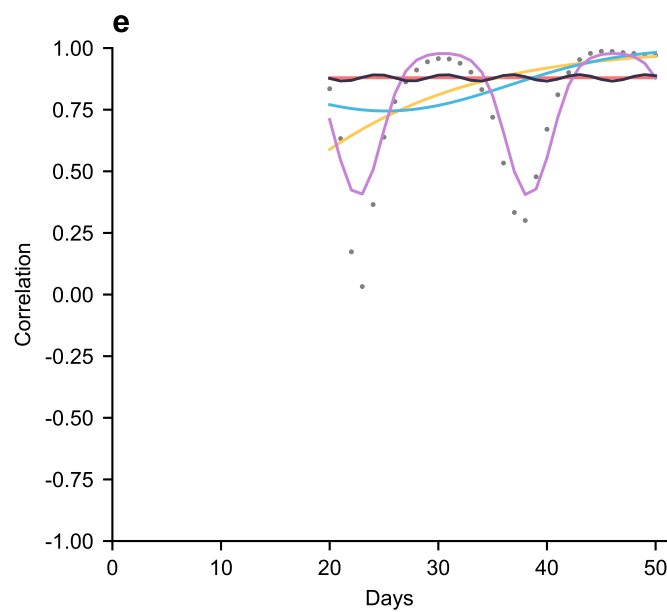
Inter-city outflow



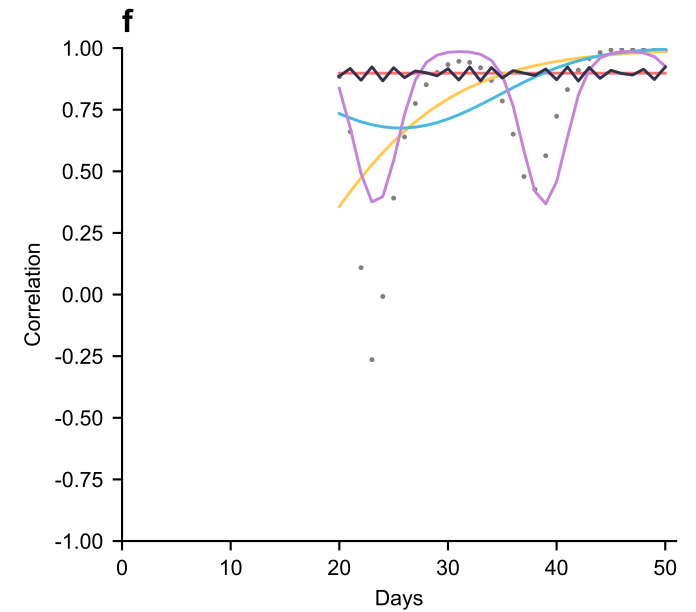
Case numbers Mobility index R_t Cross-correlation Biweekly rolling correlation



Constant, AIC= 85.22	Sine, AIC= 50.80
Linear, AIC= 85.06	Cosine, AIC= 90.06
Quadratic, AIC= 86.99	

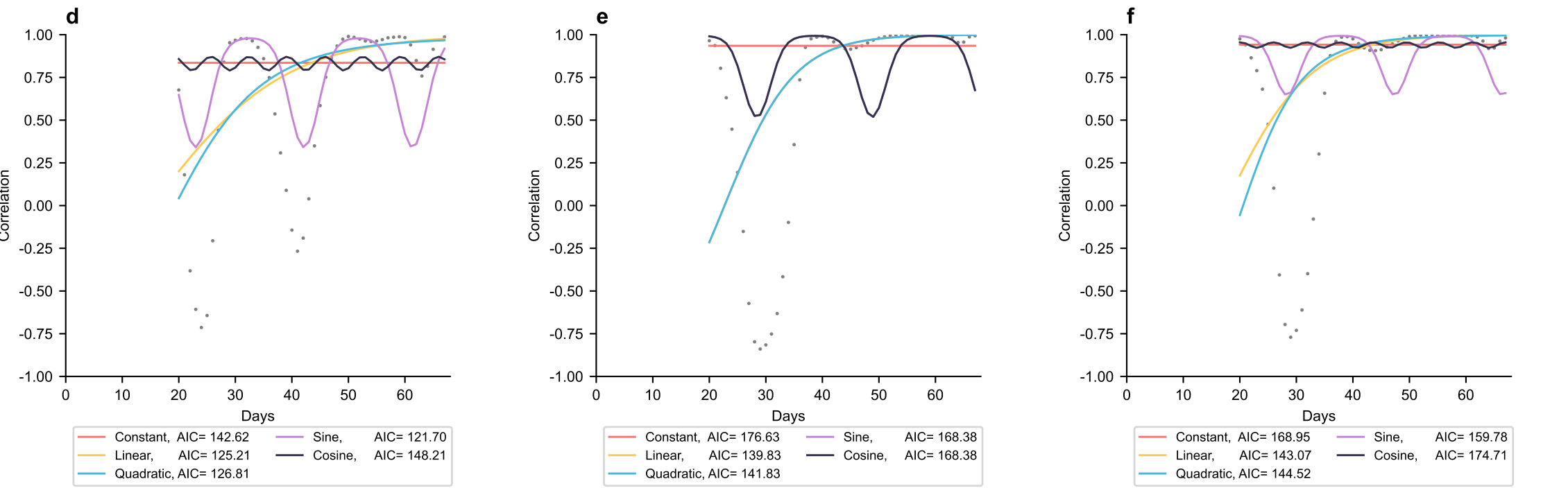
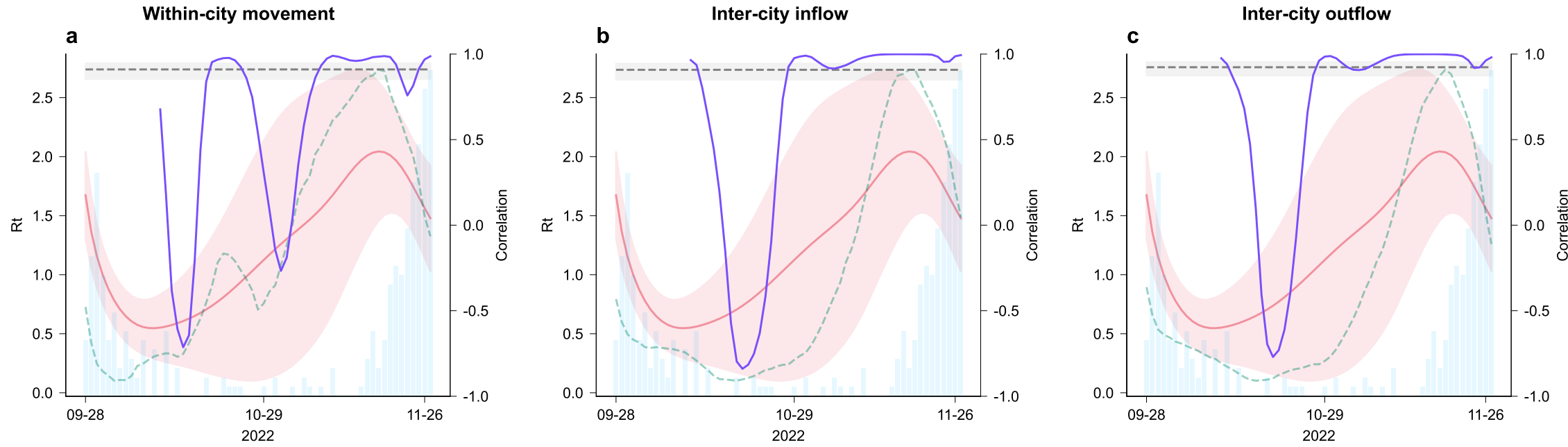


Constant, AIC= 67.97	Sine, AIC= 20.20
Linear, AIC= 58.25	Cosine, AIC= 73.86
Quadratic, AIC= 57.79	

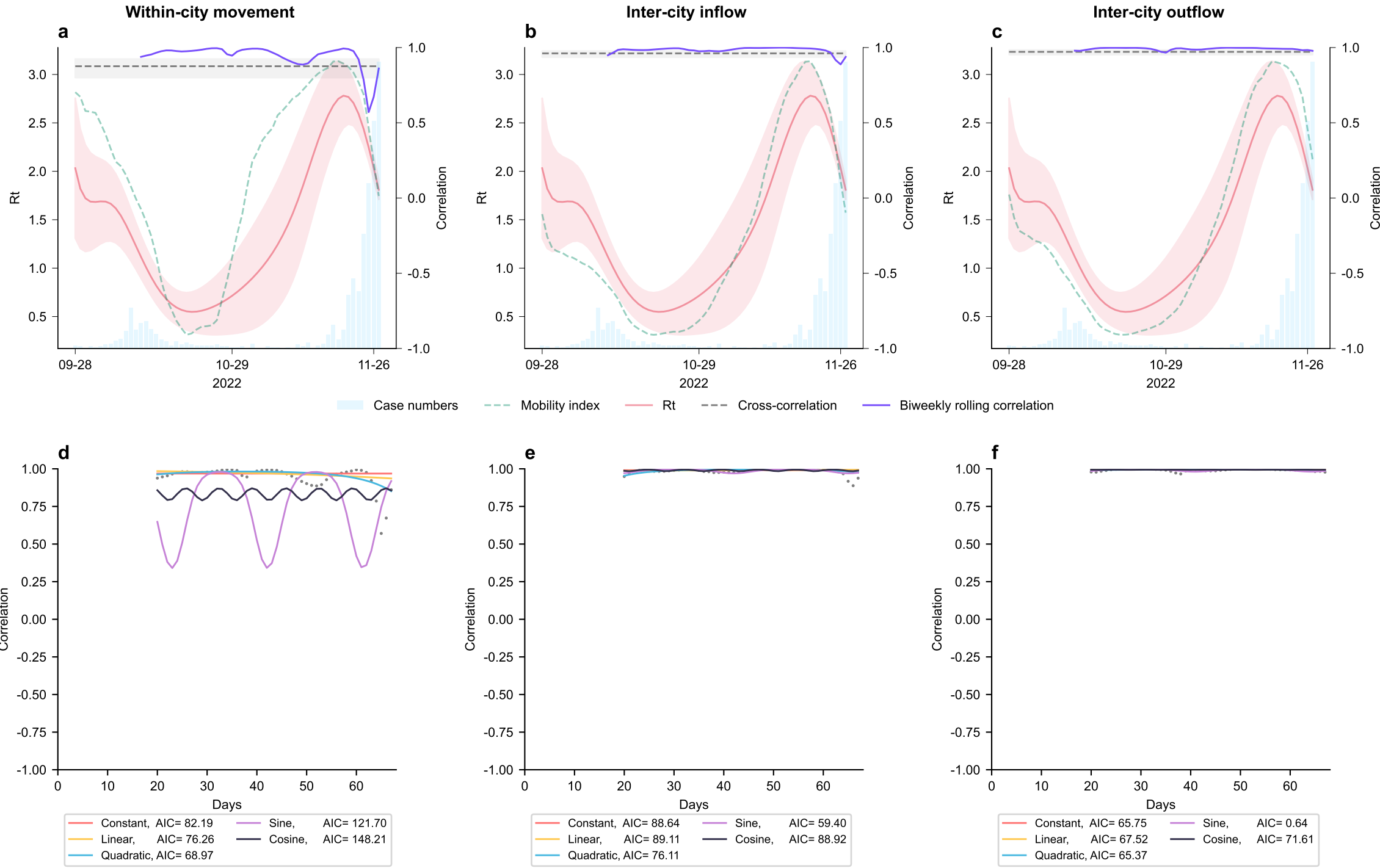


Constant, AIC= 81.09	Sine, AIC= 52.14
Linear, AIC= 61.78	Cosine, AIC= 86.66
Quadratic, AIC= 57.56	

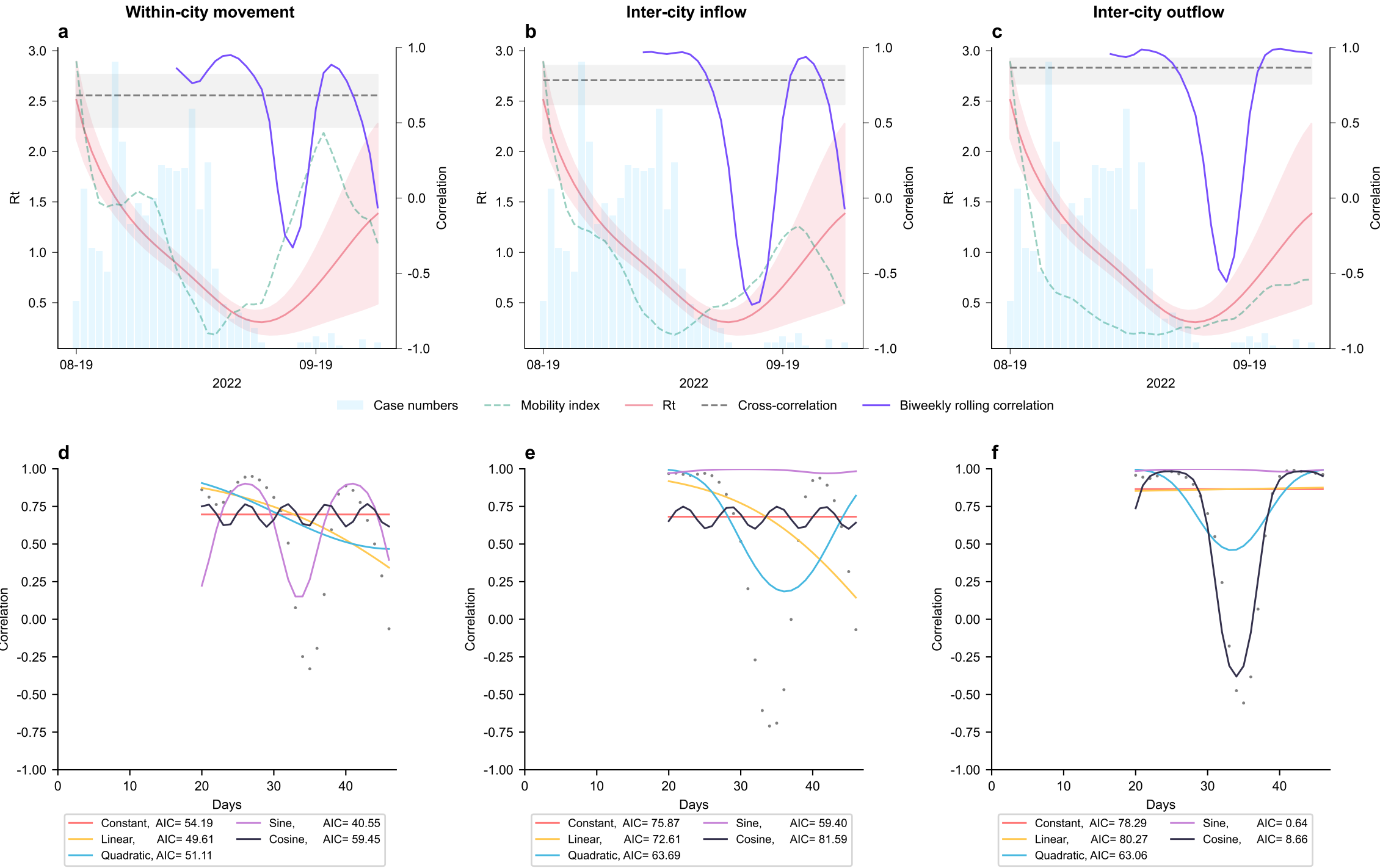
Ningxia_Wuzhong (Wave 2)



Ningxia_Yinchuan (Wave 2)



Qinghai_Haixi (Wave 2)

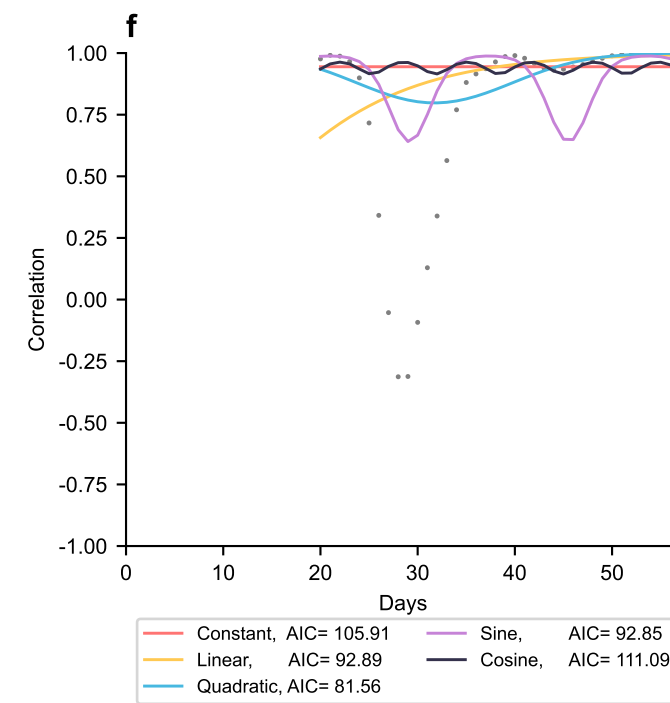
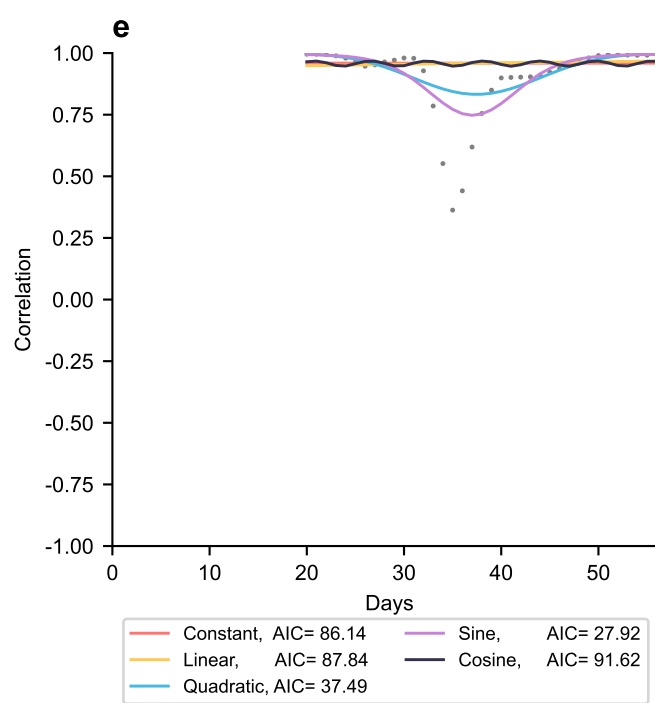
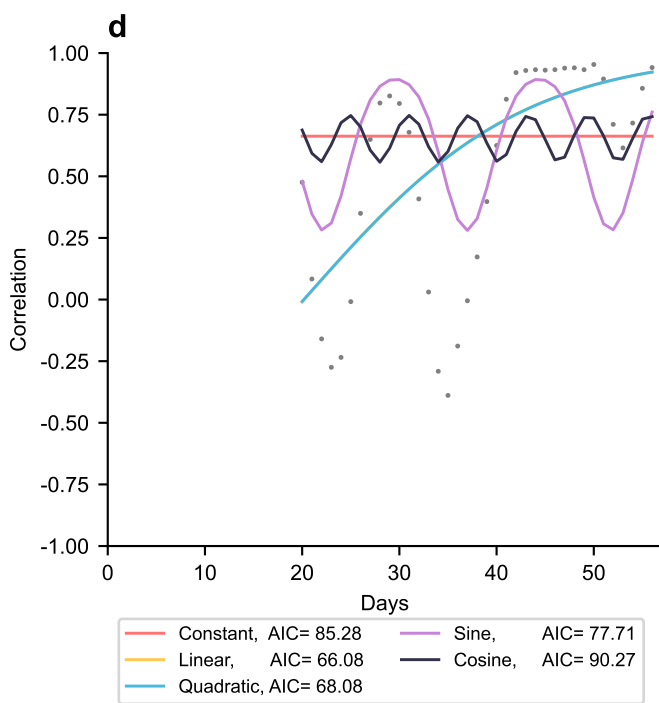
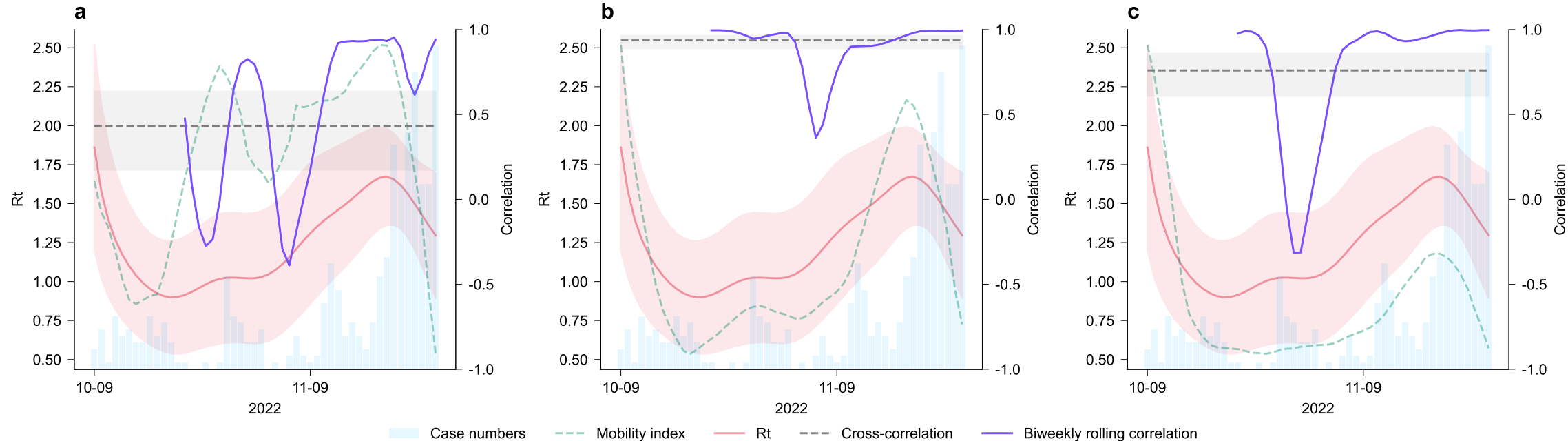


Shaanxi_Weinan (Wave 2)

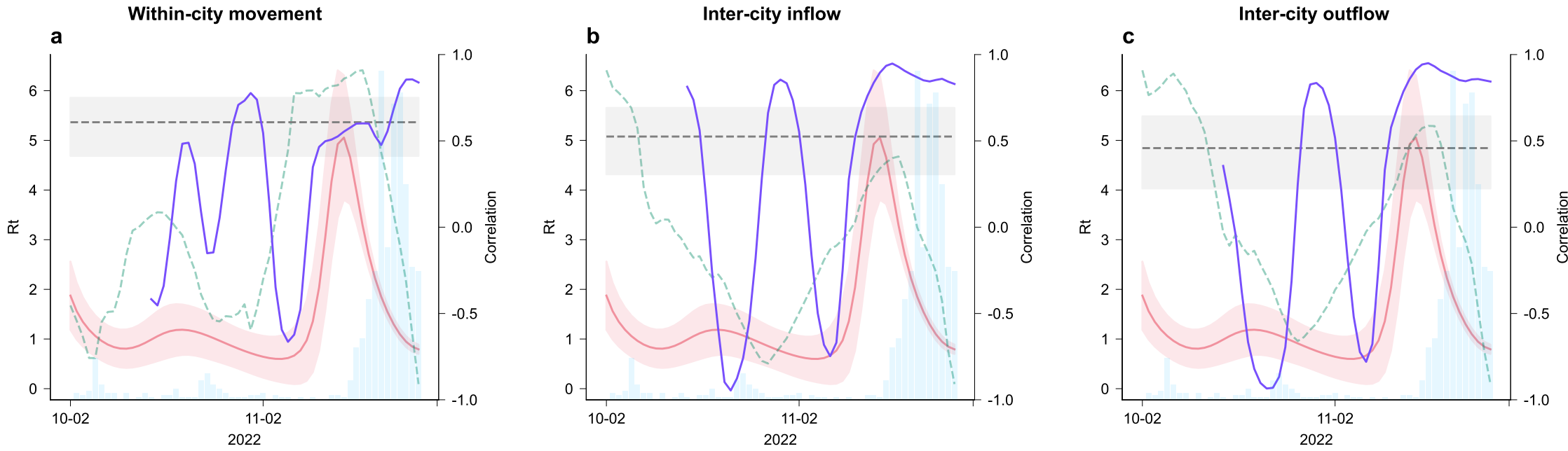
Within-city movement

Inter-city inflow

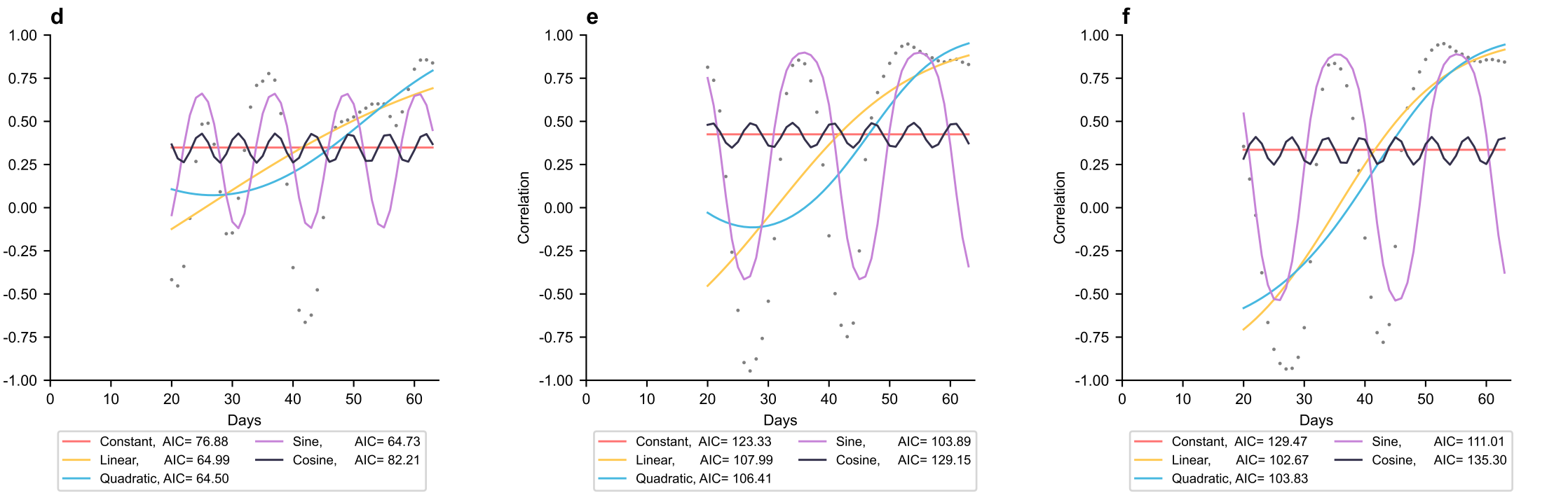
Inter-city outflow



Shaanxi_Xiayang (Wave 2)



Case numbers Mobility index Rt Cross-correlation Biweekly rolling correlation

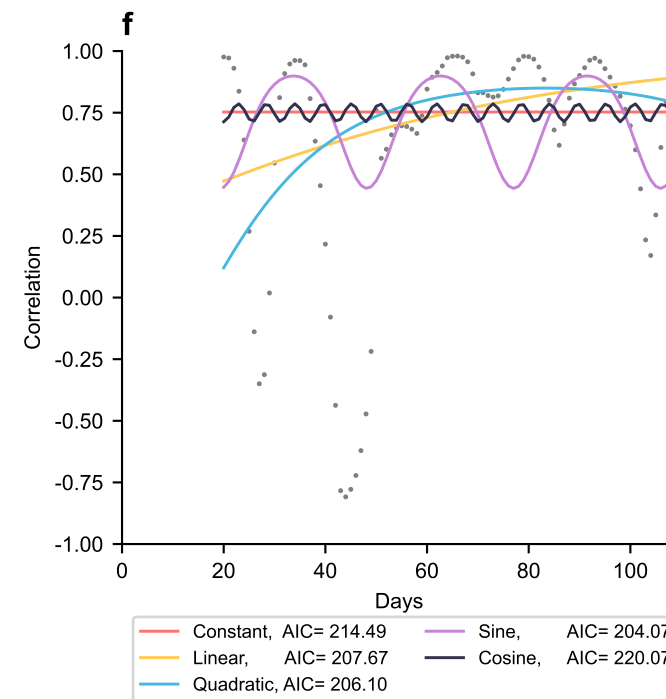
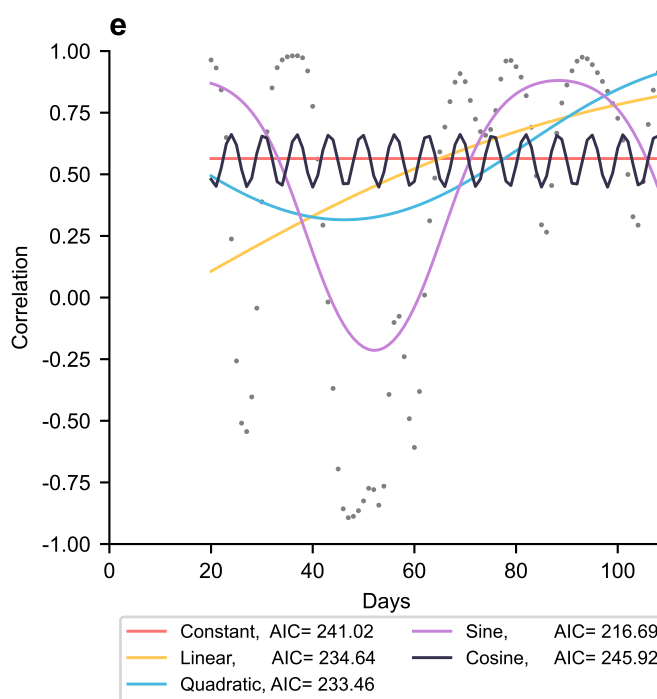
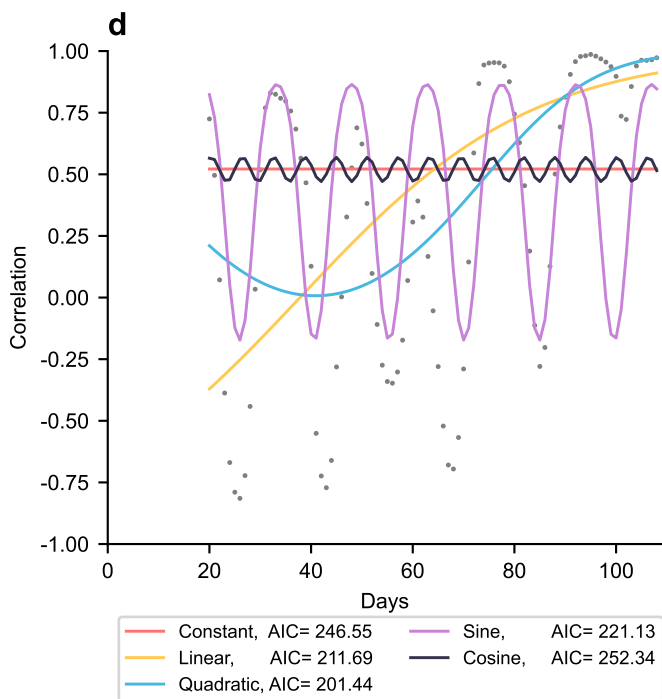
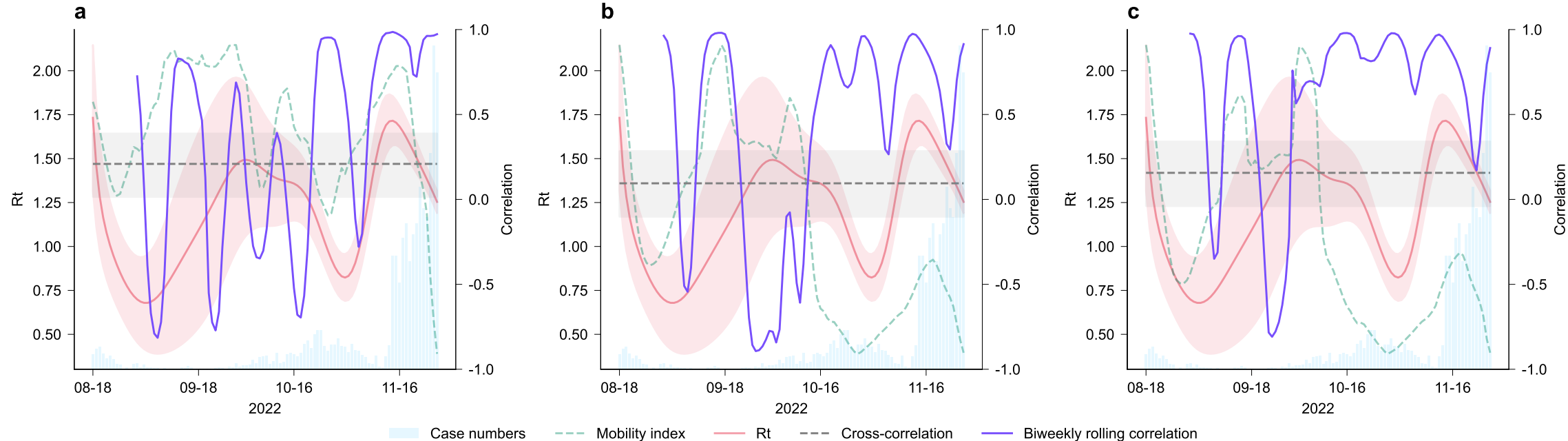


Shaanxi_Xian (Wave 2)

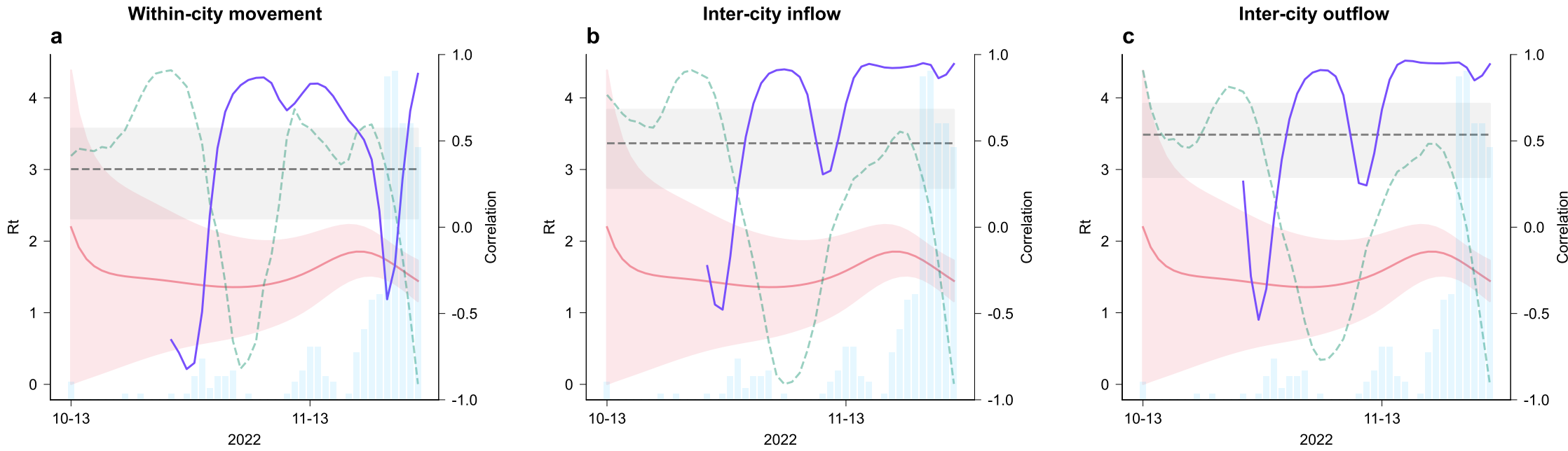
Within-city movement

Inter-city inflow

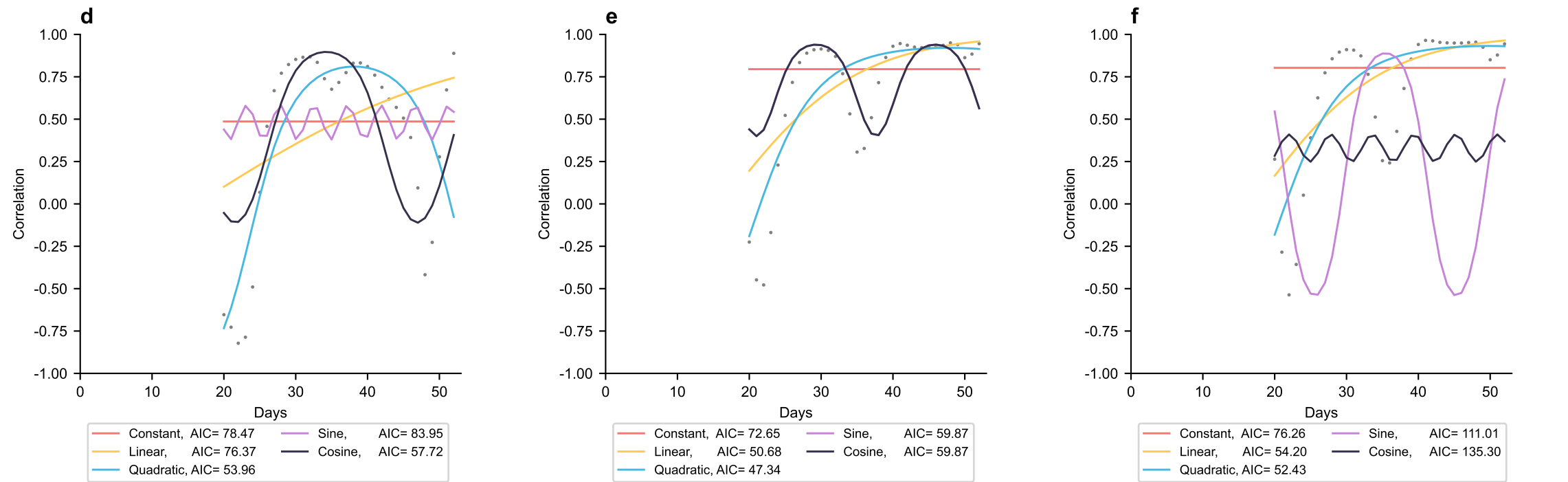
Inter-city outflow



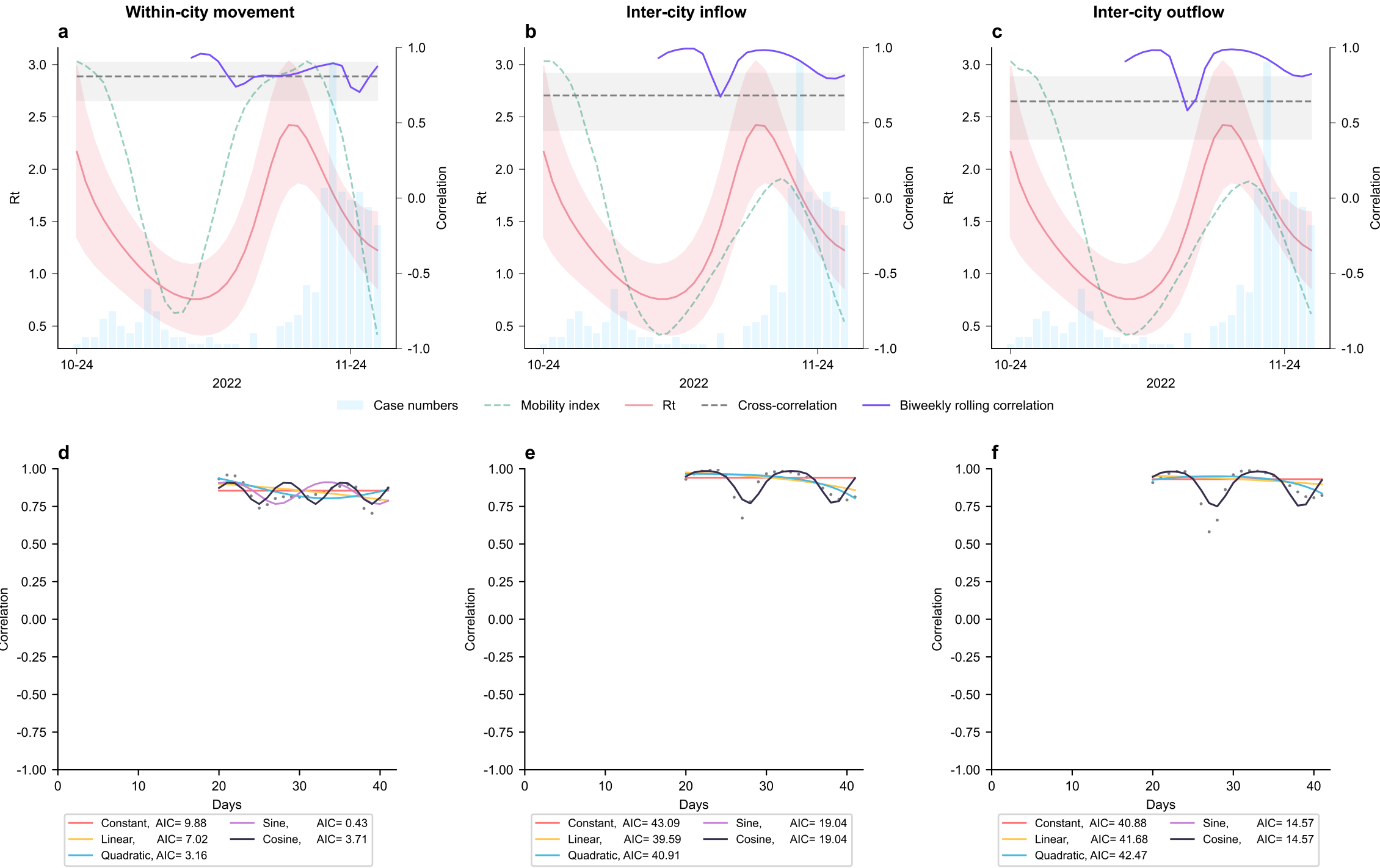
Shandong_Binzhou (Wave 2)



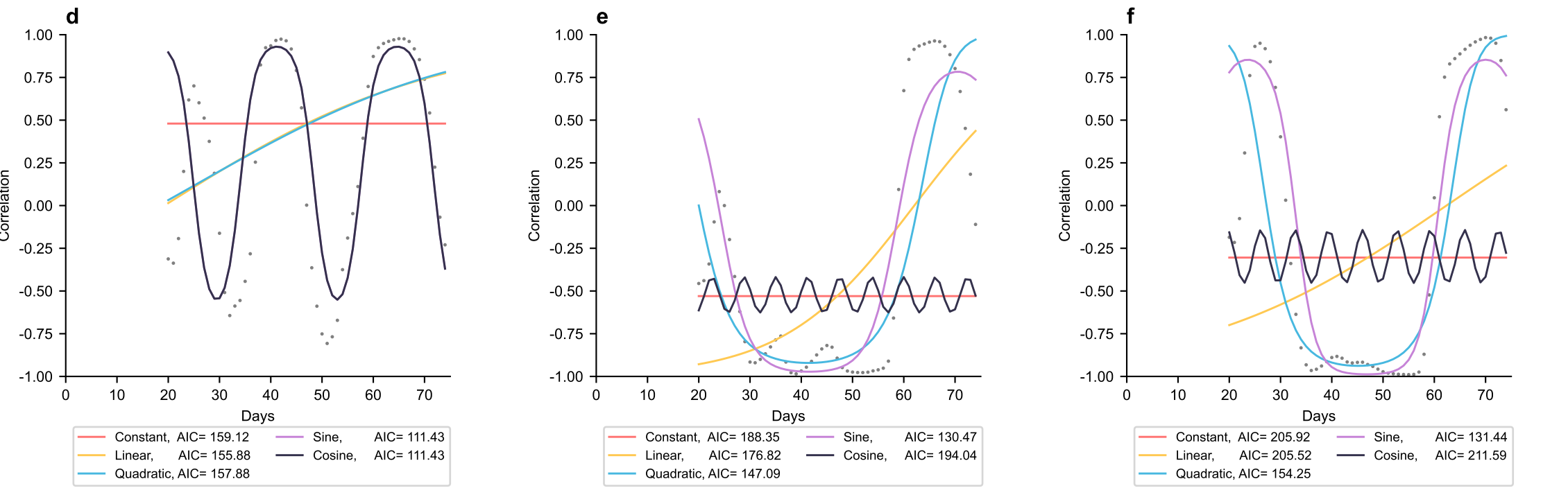
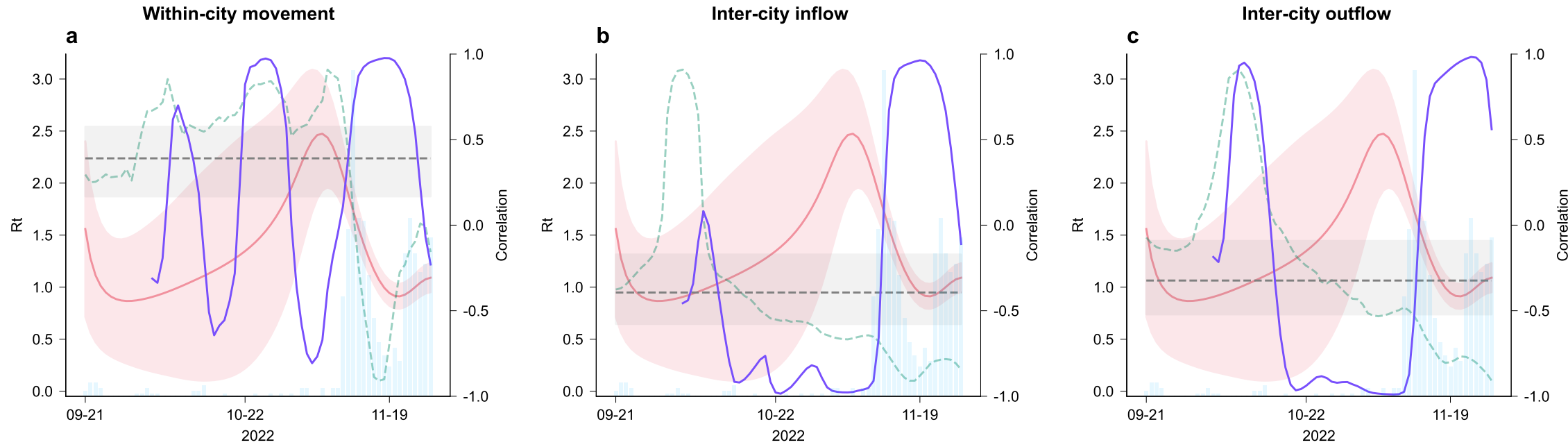
Case numbers Mobility index Rt Cross-correlation Biweekly rolling correlation



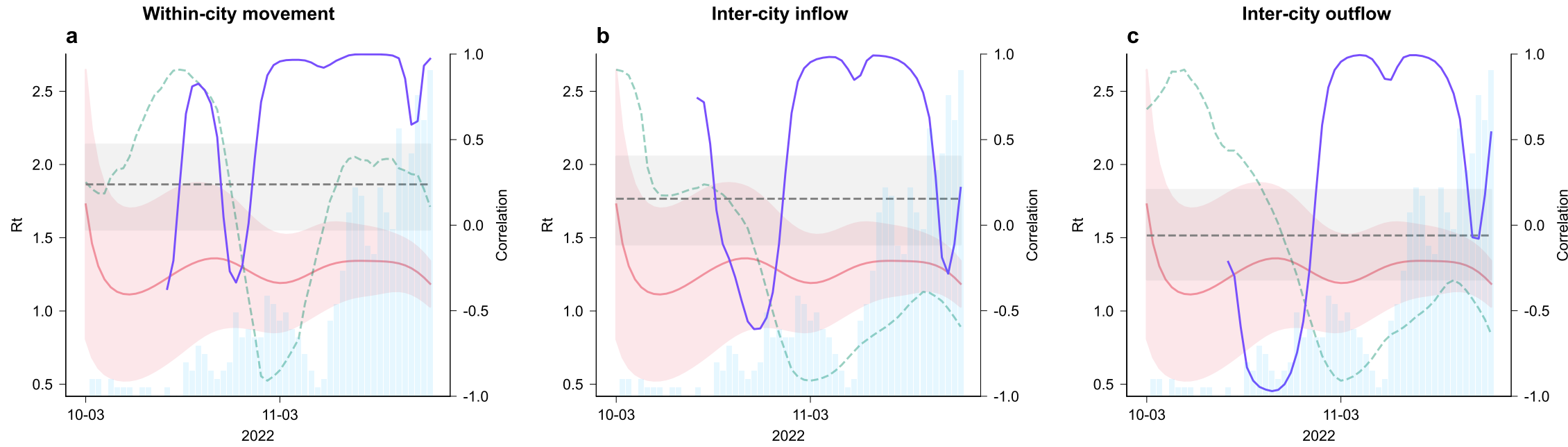
Shandong_Dezhou (Wave 2)



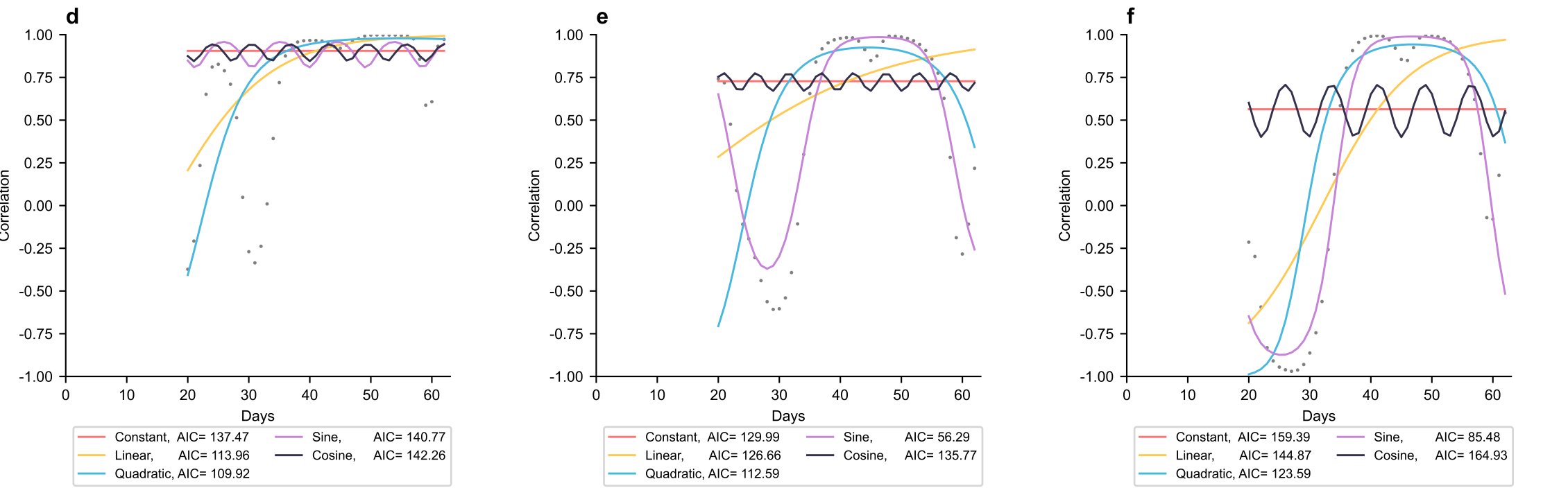
Shandong_Heze (Wave 2)



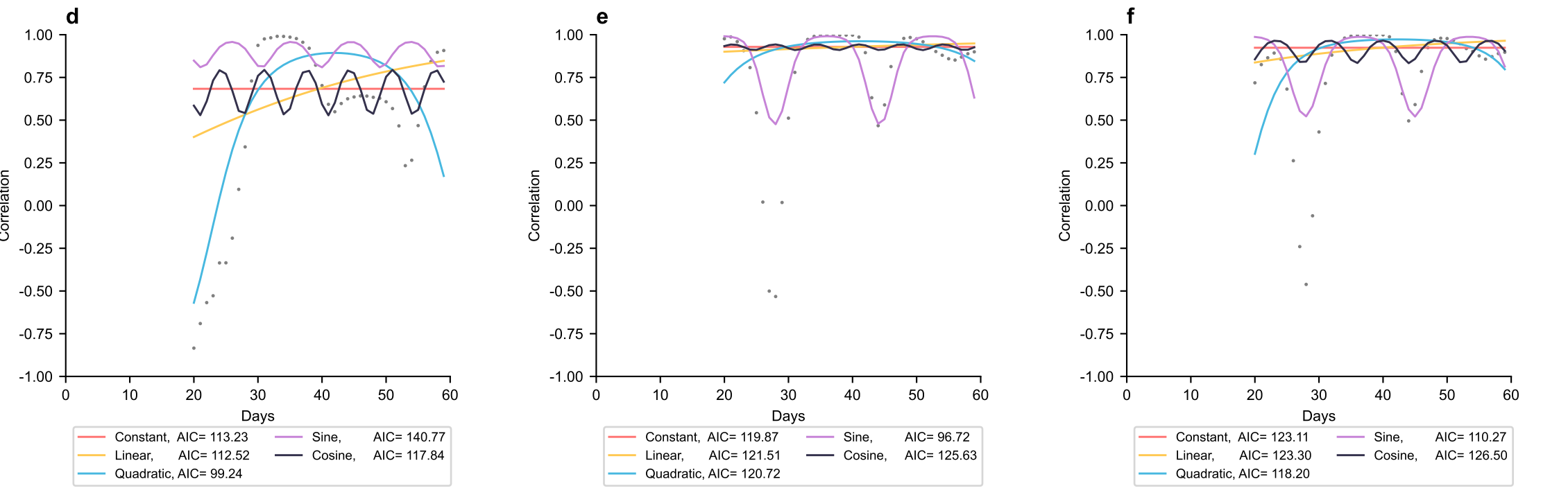
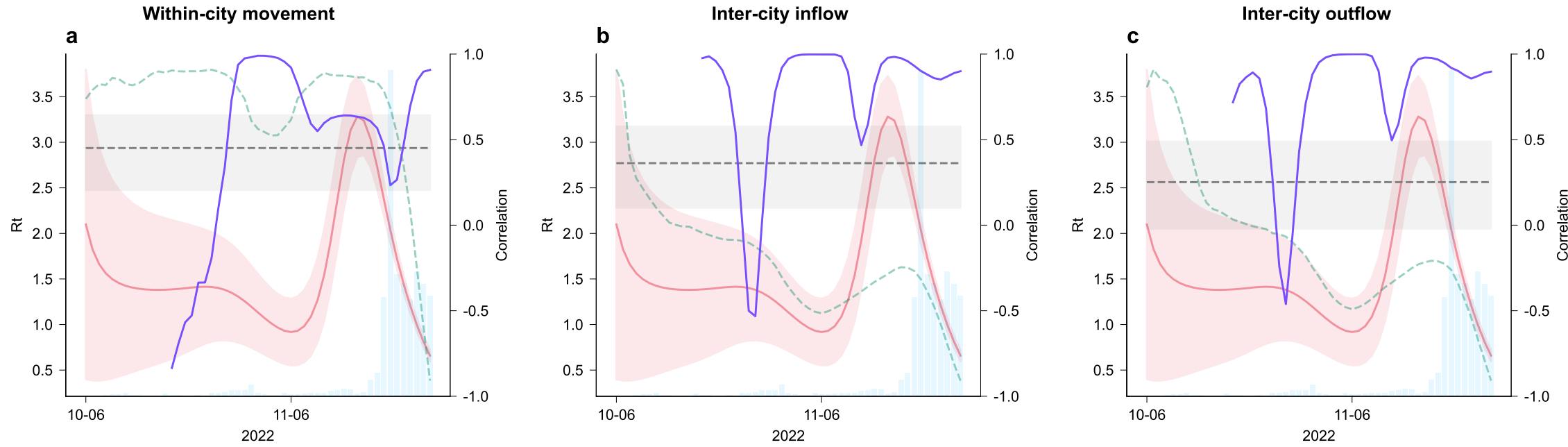
Shandong_Jining (Wave 2)



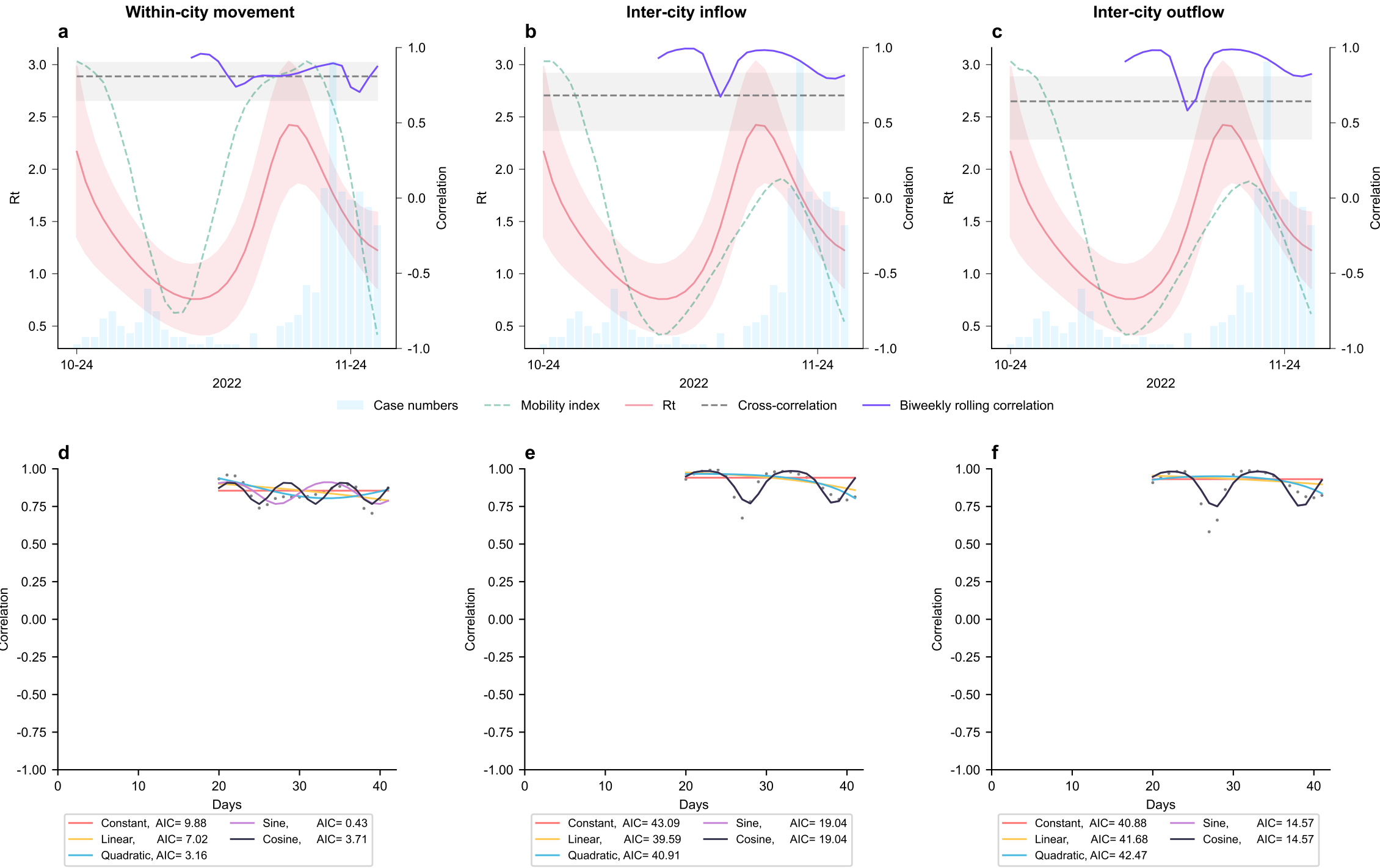
Case numbers Mobility index Rt Cross-correlation Biweekly rolling correlation



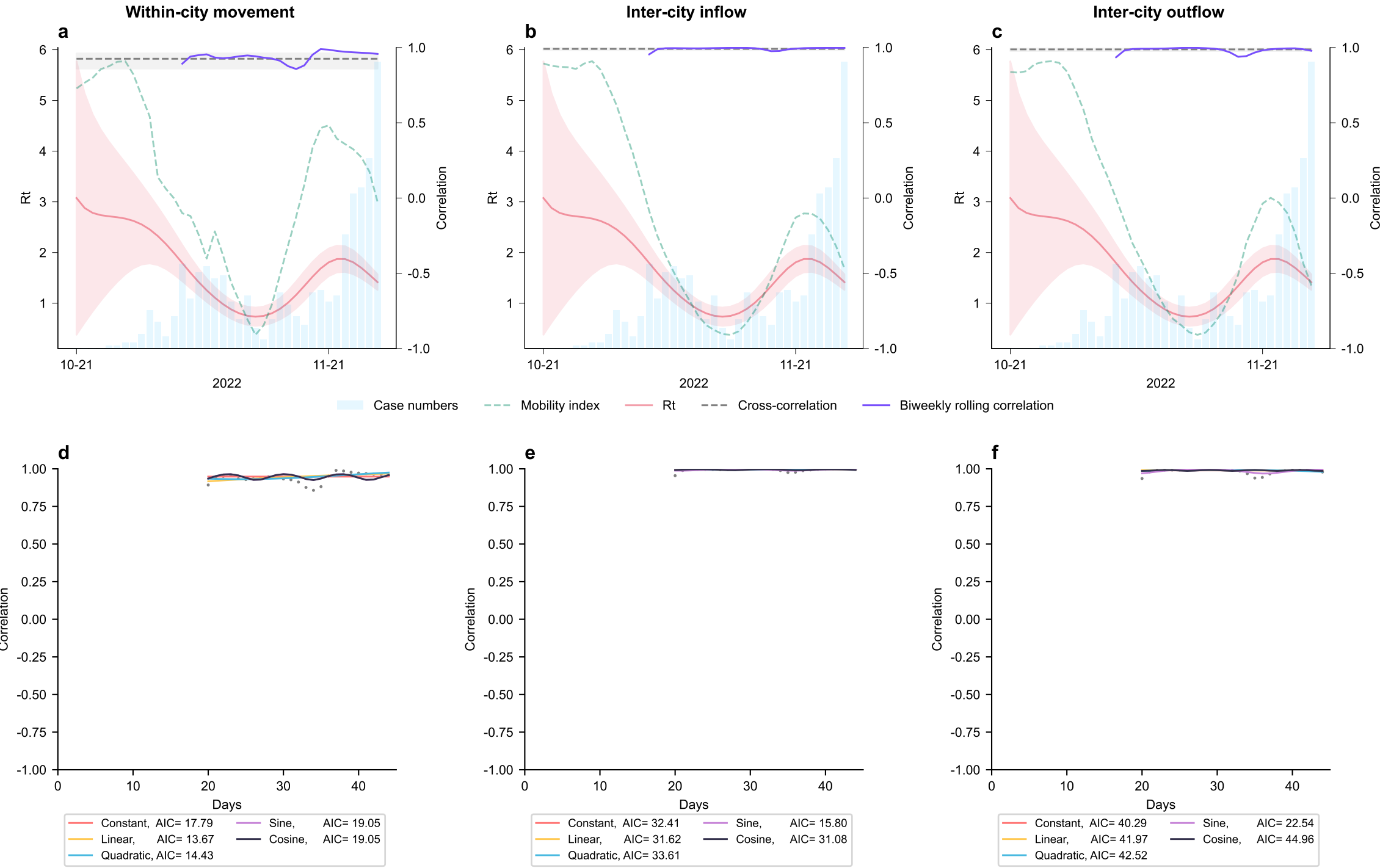
Shandong_Liaocheng (Wave 2)



Shandong_Dezhou (Wave 2)



Shandong_Qingdao (Wave 2)

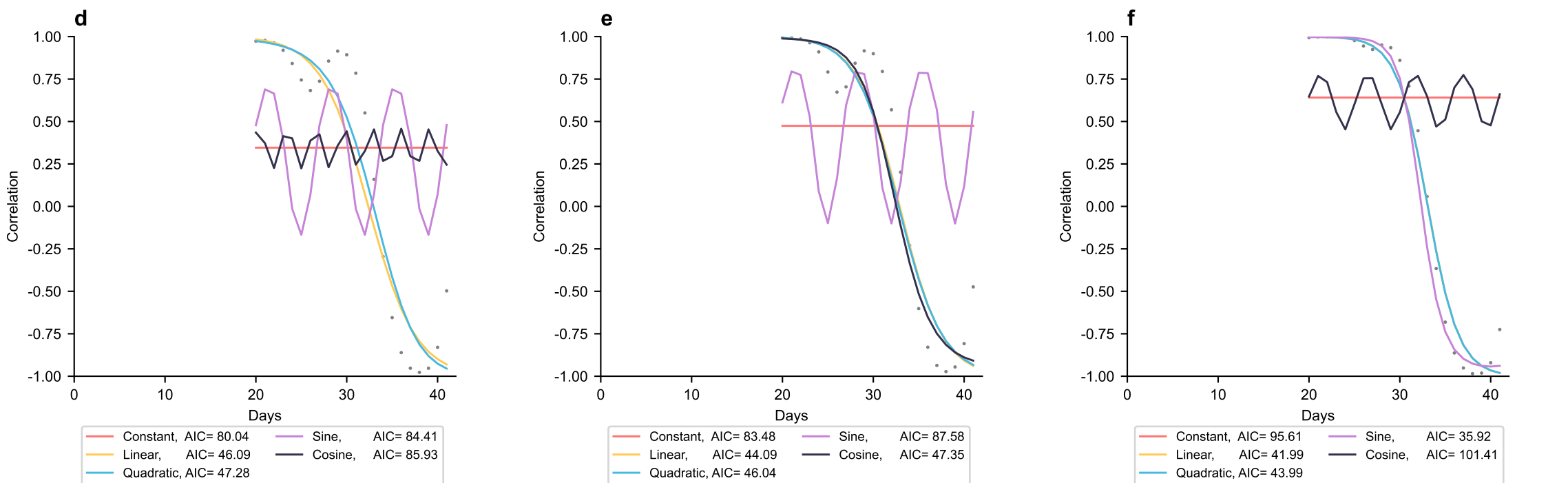
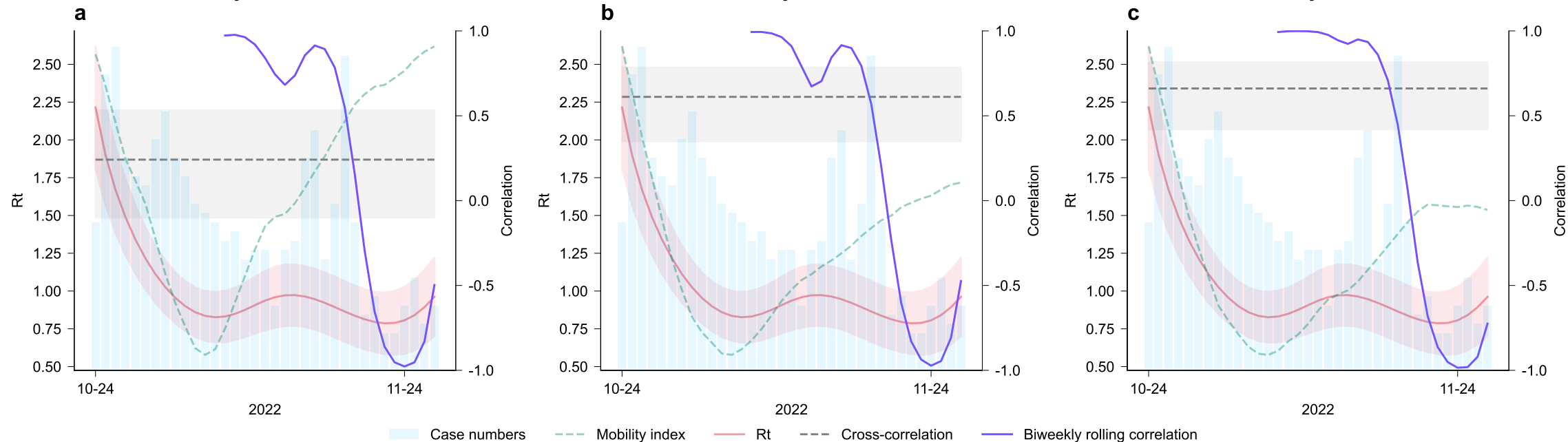


Shandong_Zaozhuang (Wave 2)

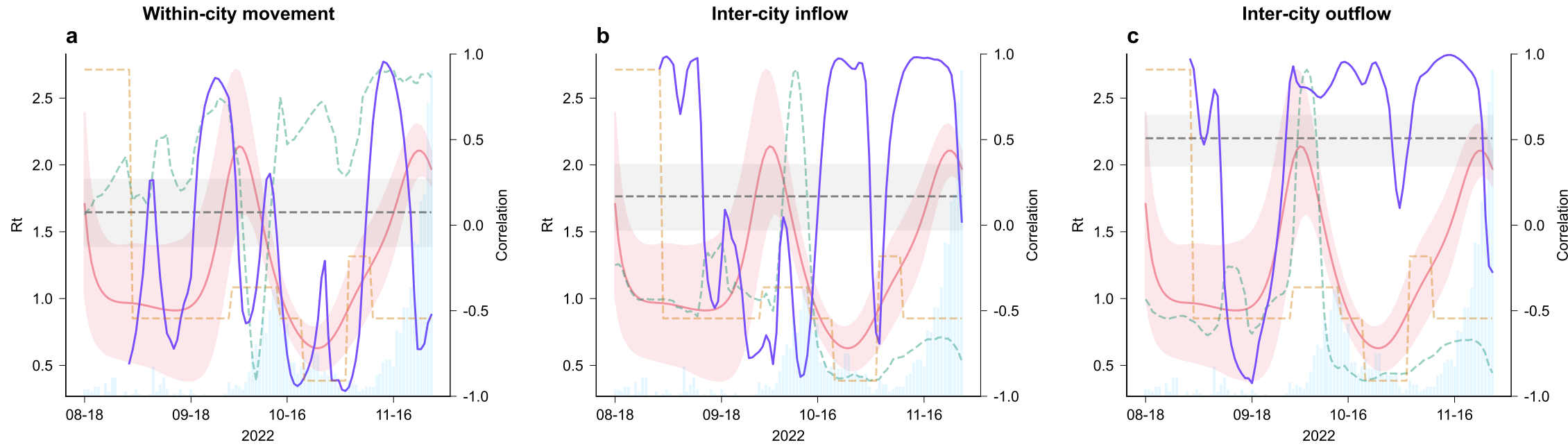
Within-city movement

Inter-city inflow

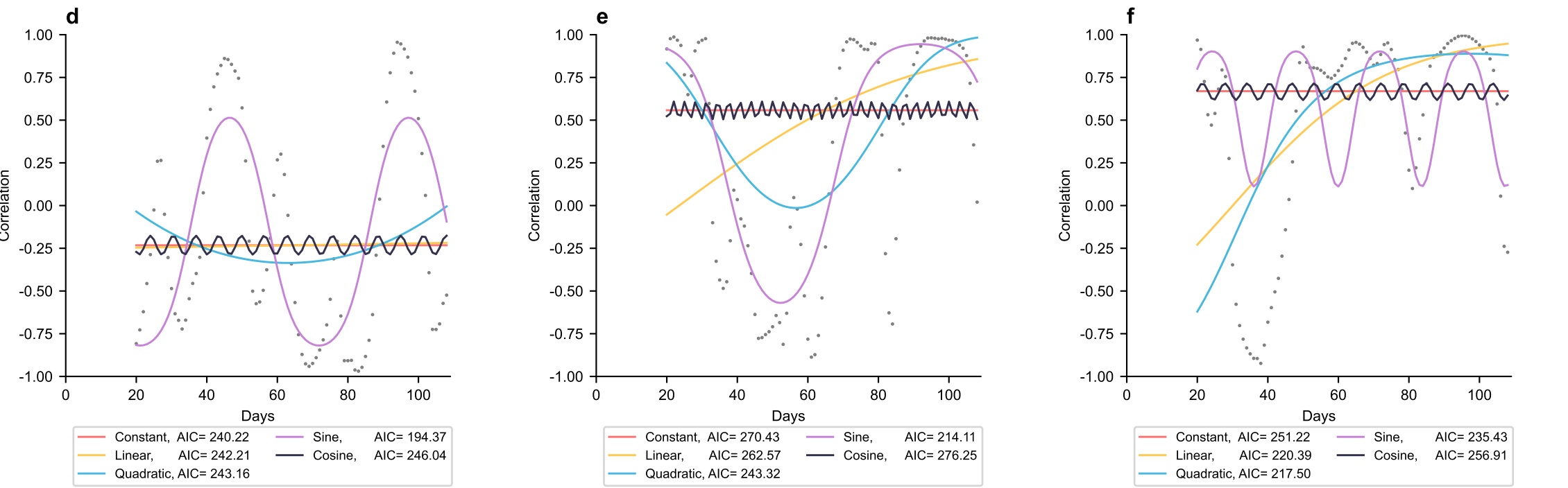
Inter-city outflow



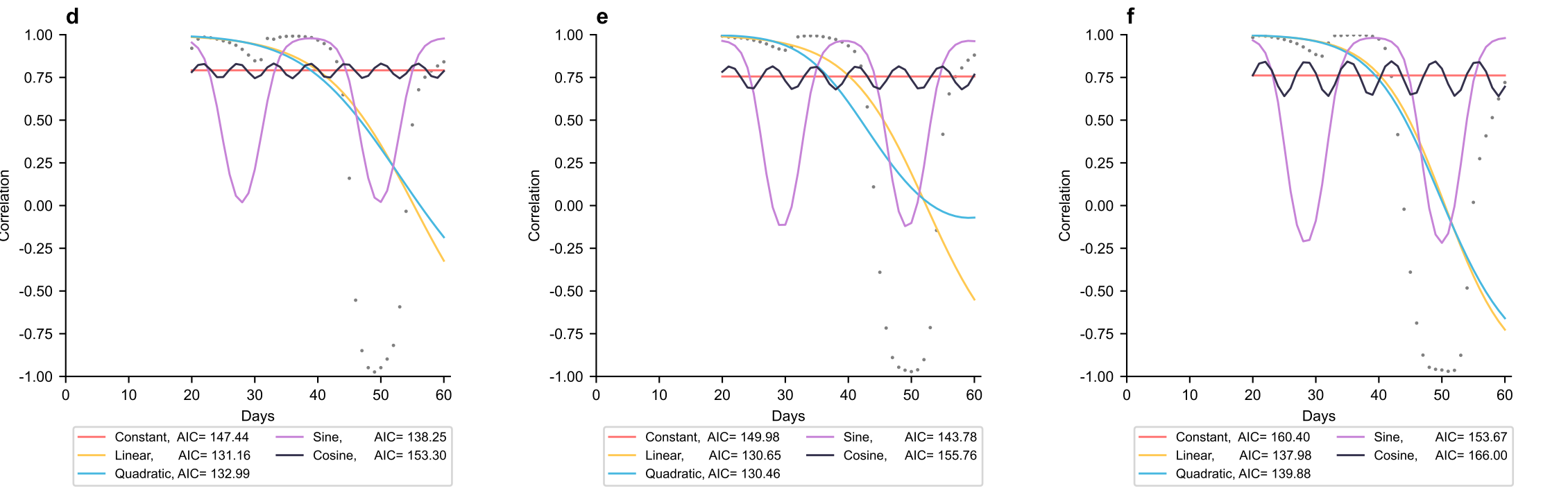
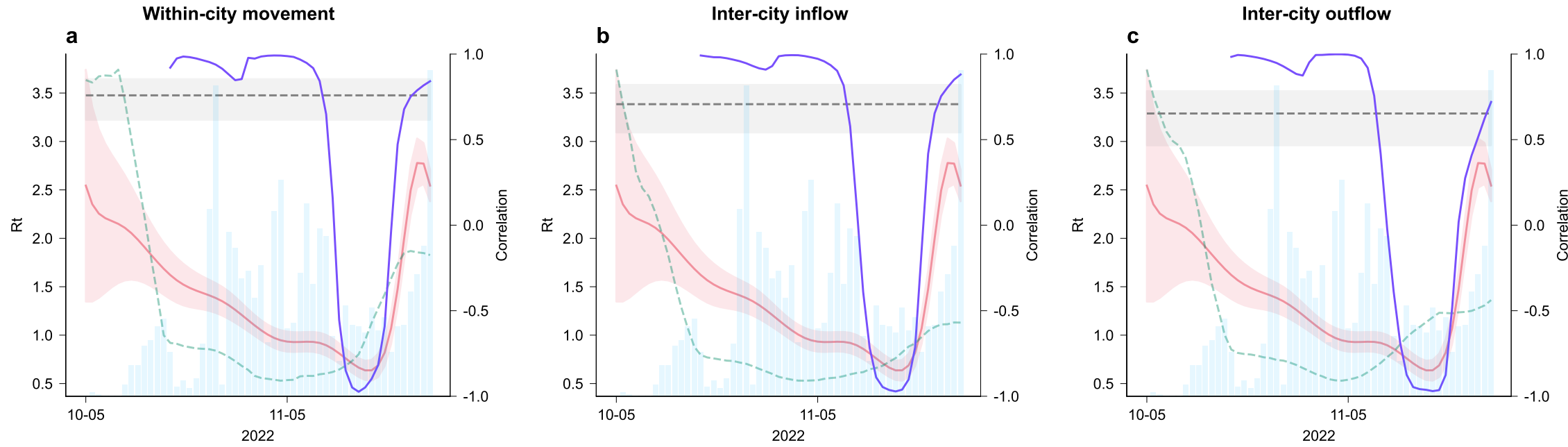
Shanghai (Wave 2)



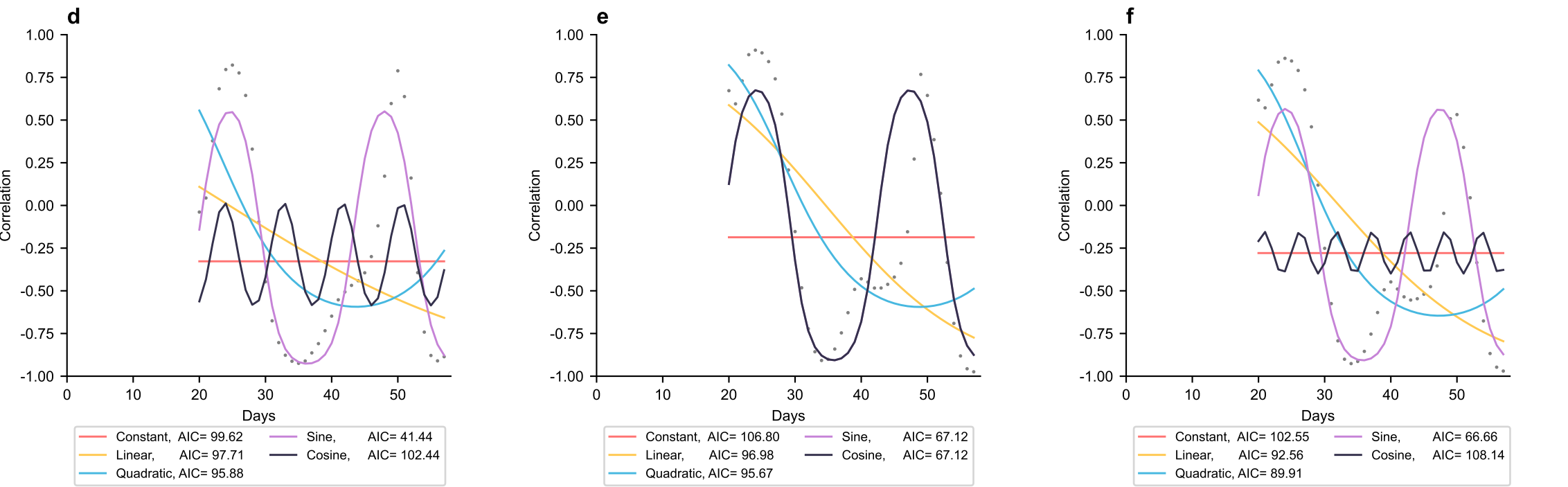
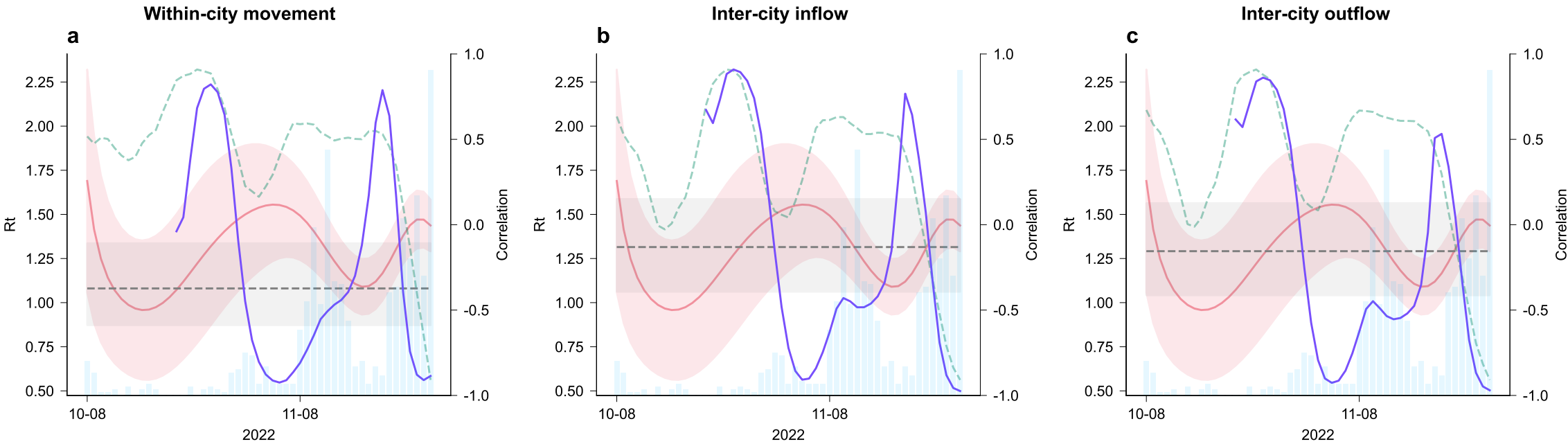
Case numbers Mobility index Rt Cross-correlation Biweekly rolling correlation GRI



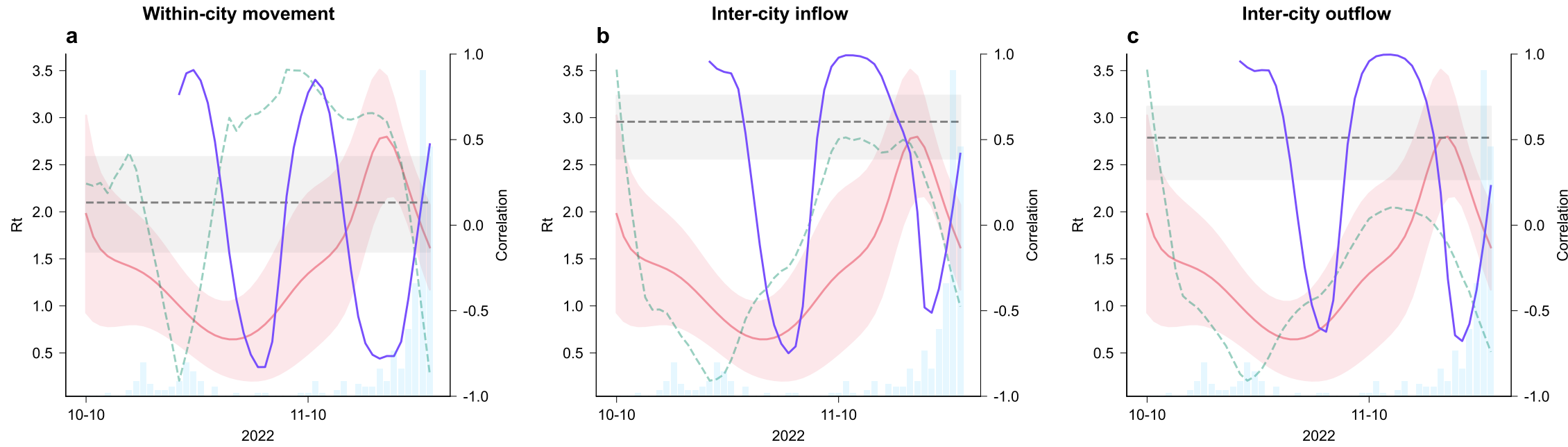
Shanxi_Datong (Wave 2)



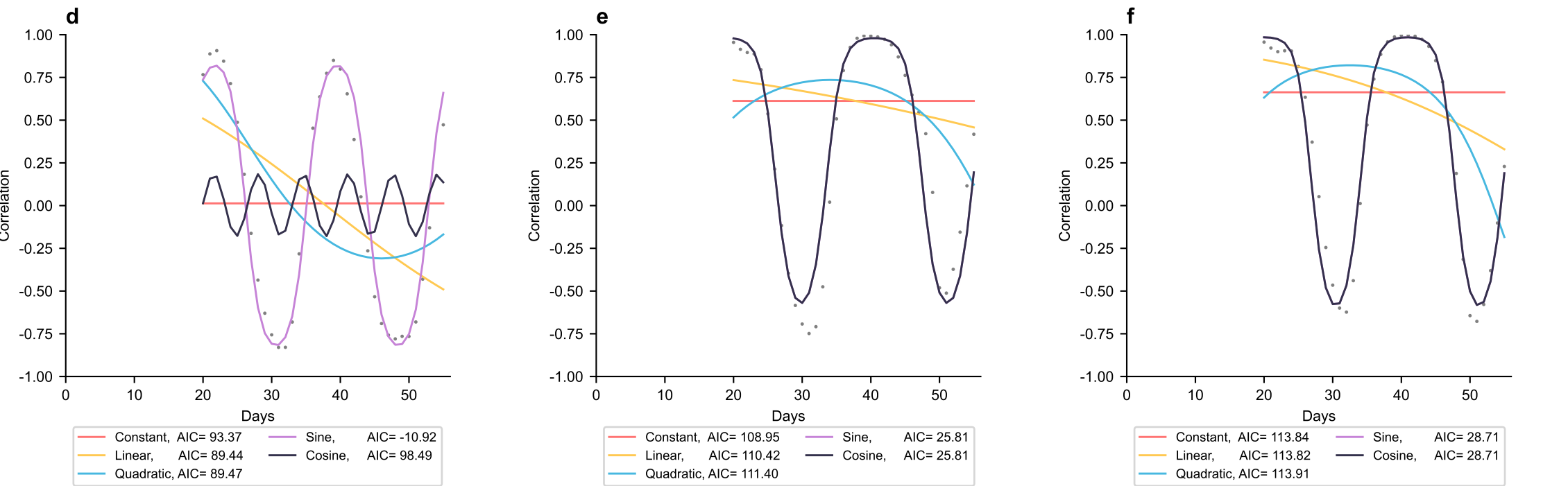
Shanxi_Jinzhong (Wave 2)



Shanxi_Linfen (Wave 2)



Case numbers Mobility index Rt Cross-correlation Biweekly rolling correlation

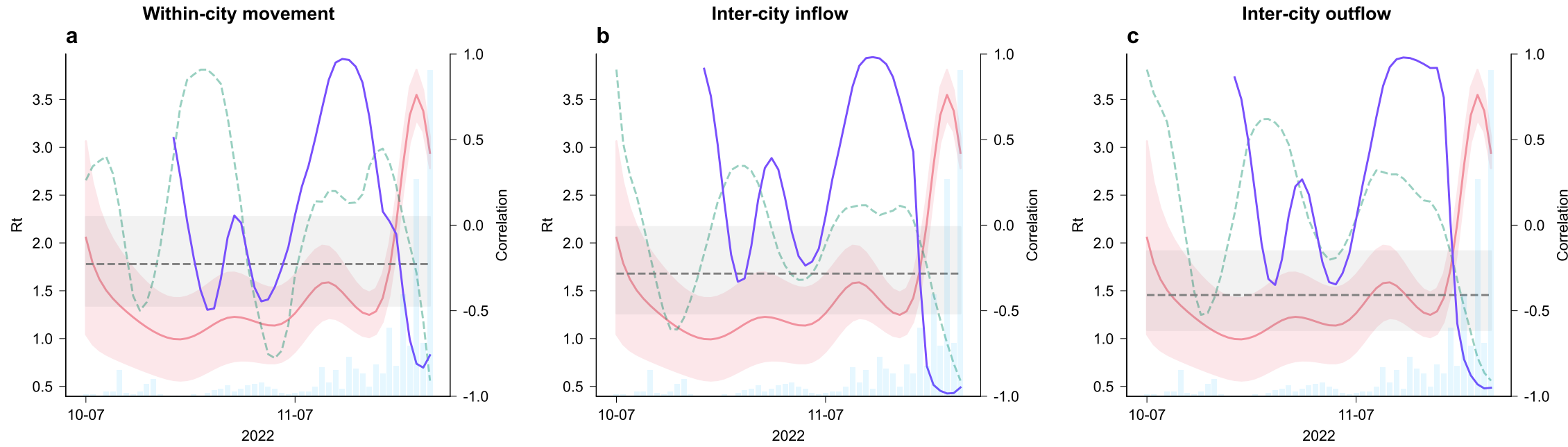


Constant, AIC= 93.37 Sine, AIC= -10.92
Linear, AIC= 89.44 Cosine, AIC= 98.49
Quadratic, AIC= 89.47

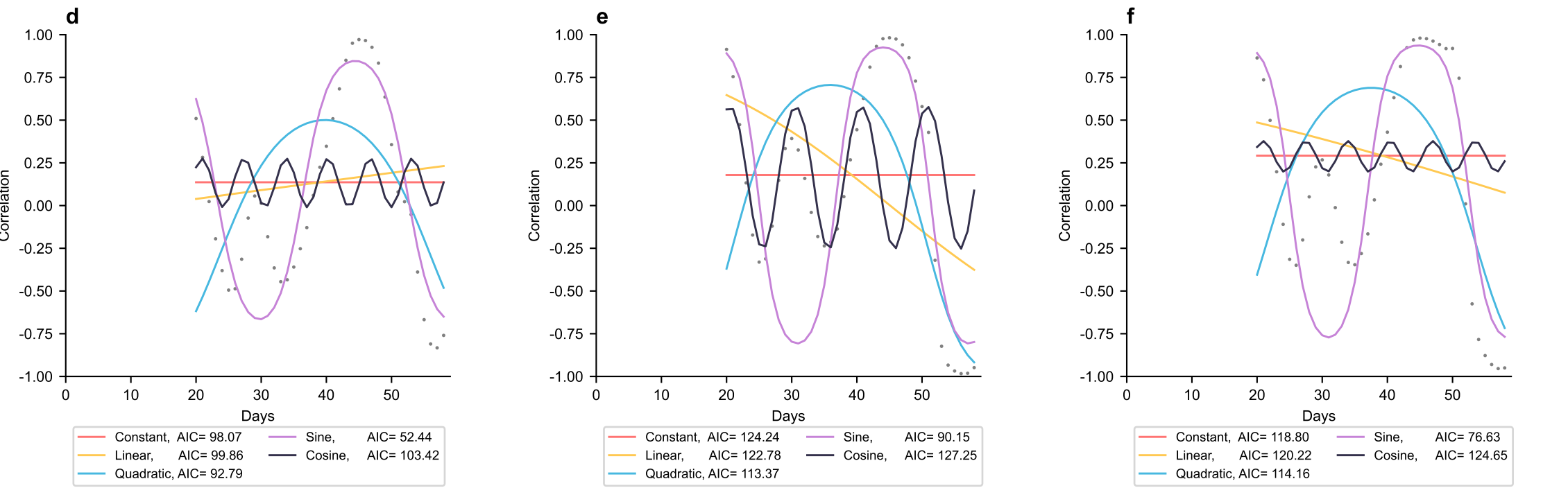
Constant, AIC= 108.95 Sine, AIC= 25.81
Linear, AIC= 110.42 Cosine, AIC= 25.81
Quadratic, AIC= 111.40

Constant, AIC= 113.84 Sine, AIC= 28.71
Linear, AIC= 113.82 Cosine, AIC= 28.71
Quadratic, AIC= 113.91

Shanxi_Lvliang (Wave 2)



Case numbers Mobility index Rt Cross-correlation Biweekly rolling correlation

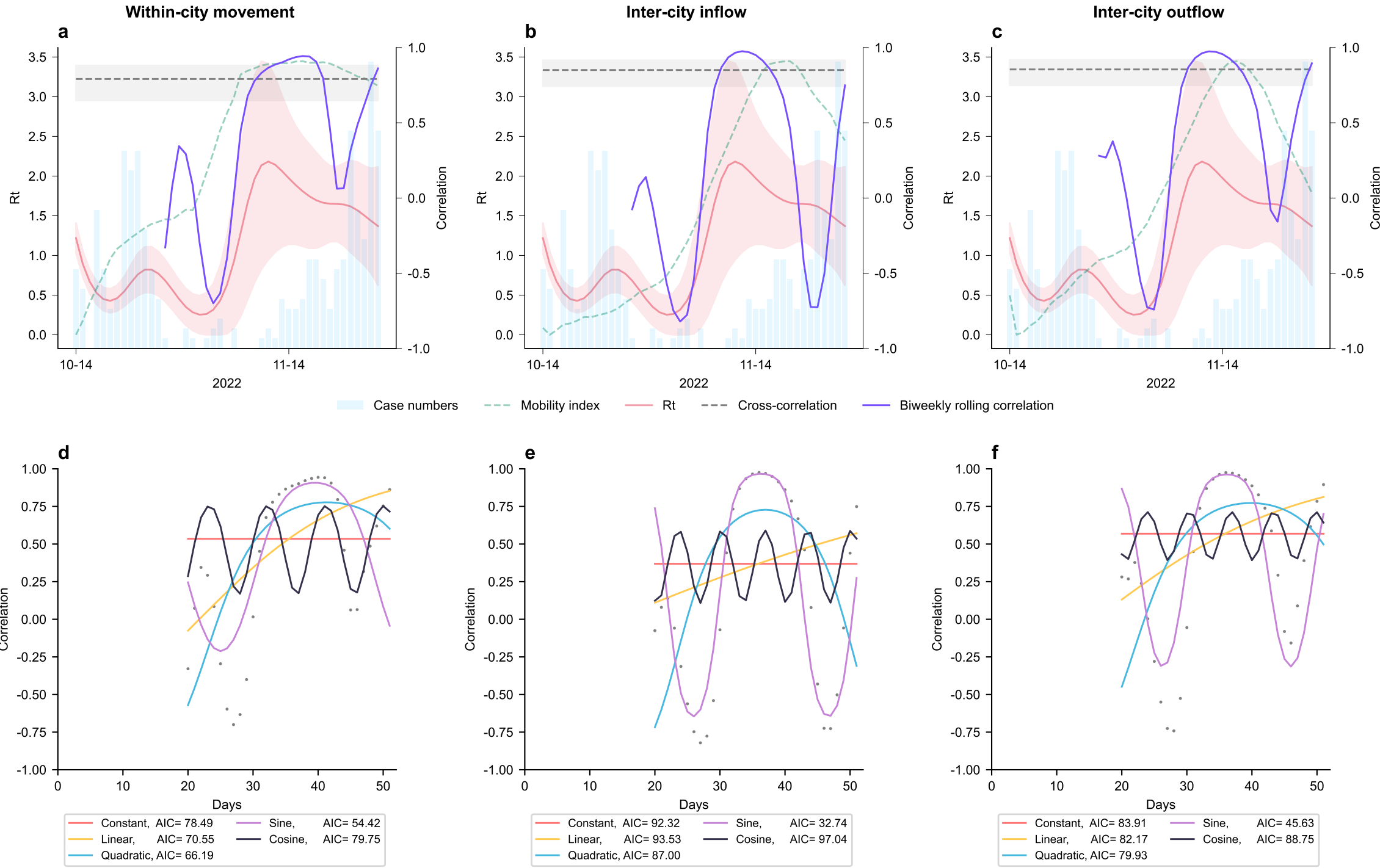


Constant, AIC= 98.07	Sine, AIC= 52.44
Linear, AIC= 99.86	Cosine, AIC= 103.42
Quadratic, AIC= 92.79	

Constant, AIC= 124.24	Sine, AIC= 90.15
Linear, AIC= 122.78	Cosine, AIC= 127.25
Quadratic, AIC= 113.37	

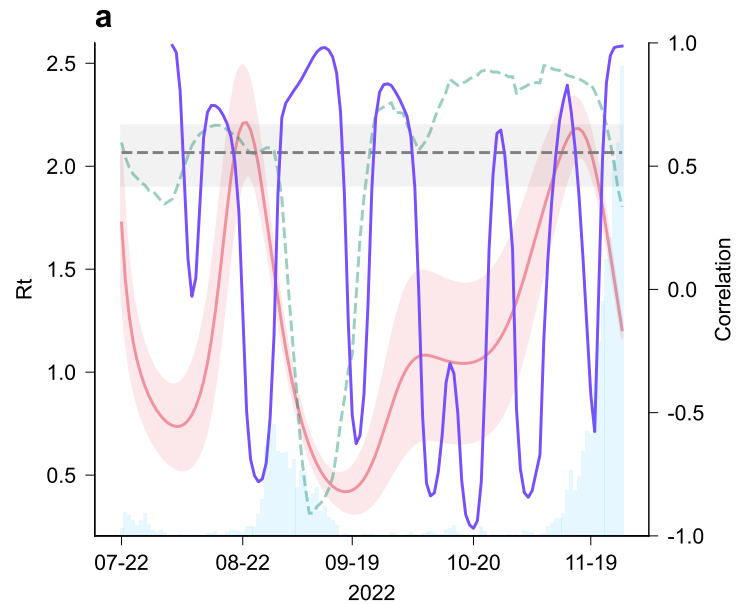
Constant, AIC= 118.80	Sine, AIC= 76.63
Linear, AIC= 120.22	Cosine, AIC= 124.65
Quadratic, AIC= 114.16	

Shanxi_Yuncheng (Wave 2)

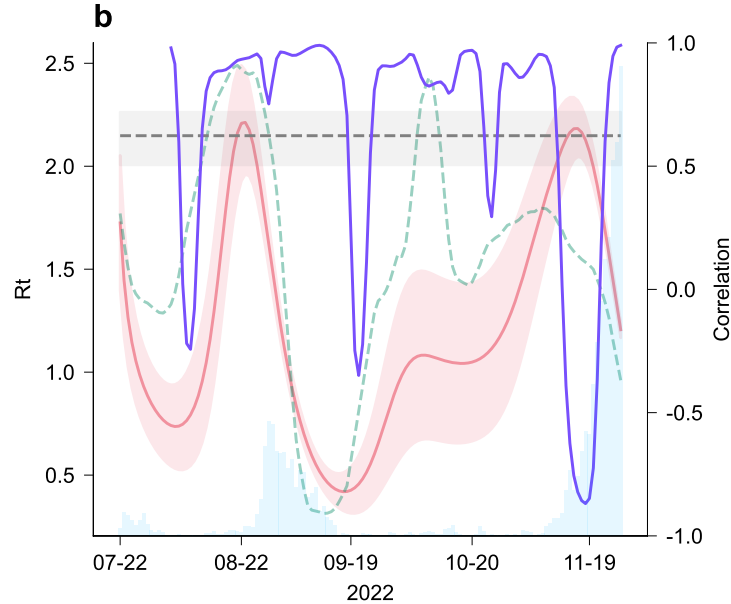


Sichuan_Chengdu (Wave 2)

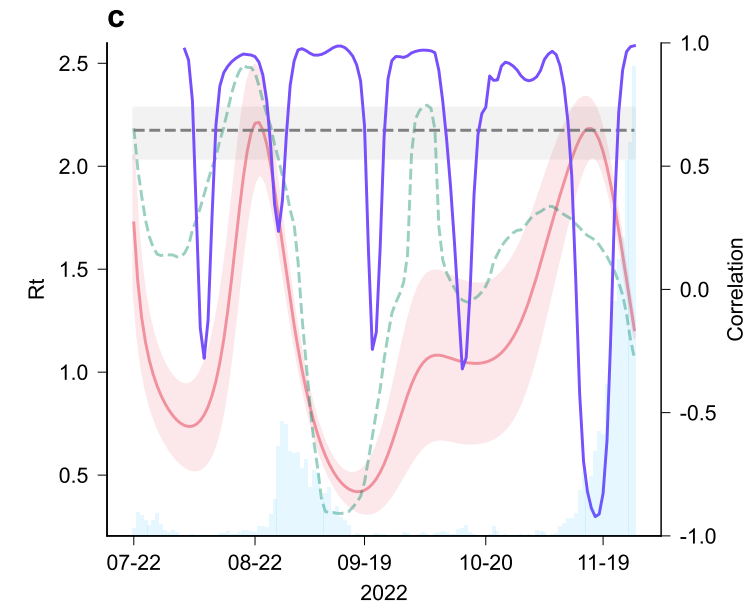
Within-city movement



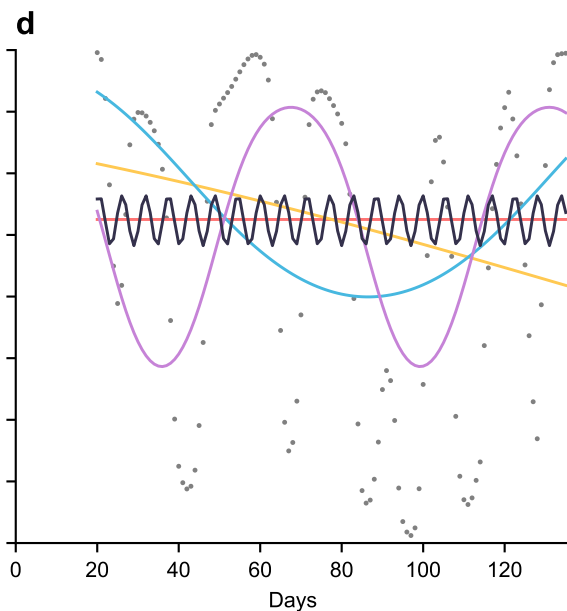
Inter-city inflow



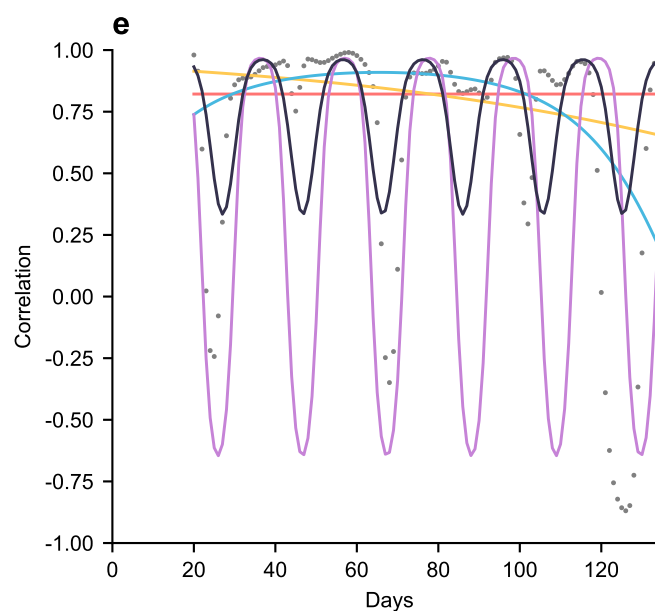
Inter-city outflow



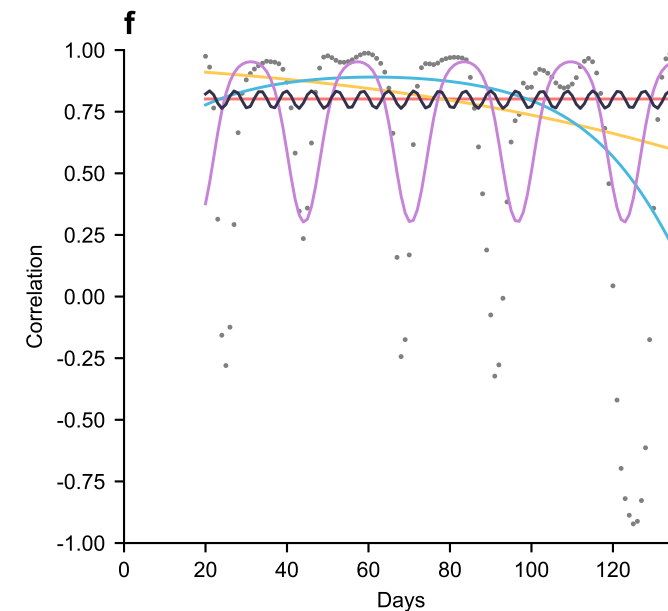
Case numbers Mobility index R_t Cross-correlation Biweekly rolling correlation



Constant, AIC= 338.56	Sine, AIC= 318.62
Linear, AIC= 337.68	Cosine, AIC= 343.87
Quadratic, AIC= 331.41	



Constant, AIC= 299.29	Sine, AIC= 32.74
Linear, AIC= 294.24	Cosine, AIC= 253.06
Quadratic, AIC= 284.11	



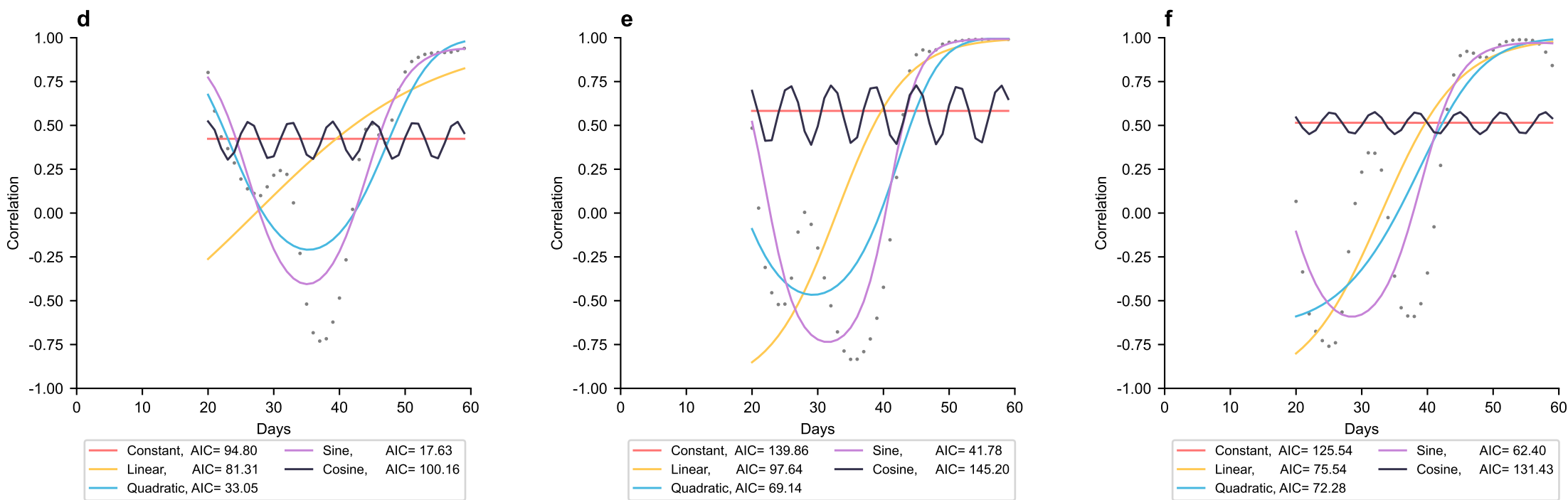
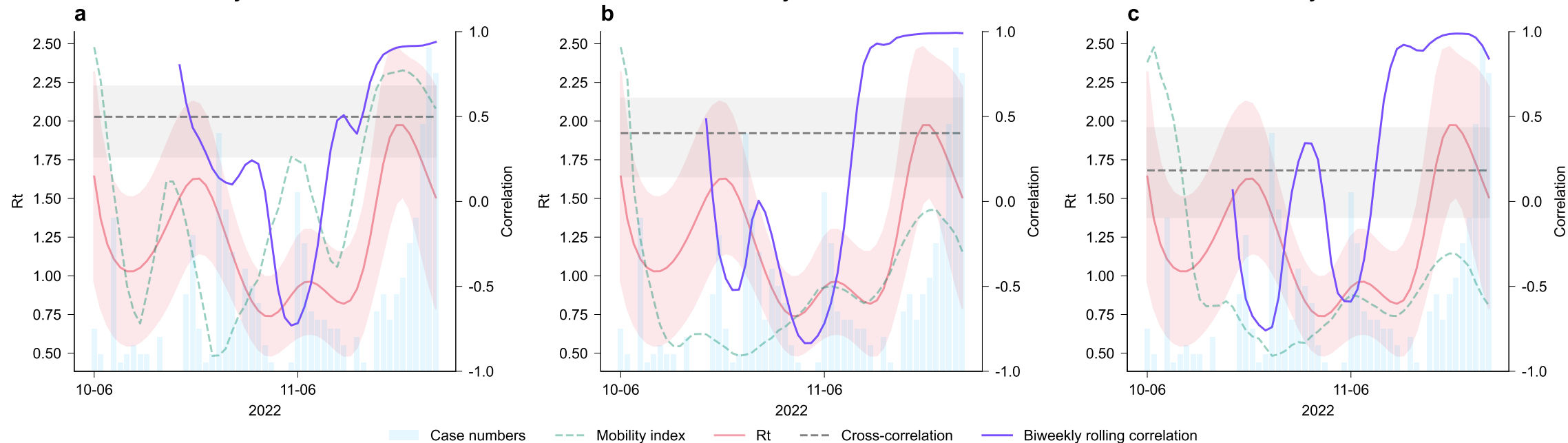
Constant, AIC= 311.87	Sine, AIC= 276.25
Linear, AIC= 306.40	Cosine, AIC= 317.27
Quadratic, AIC= 301.47	

Sichuan_Guangyuan (Wave 2)

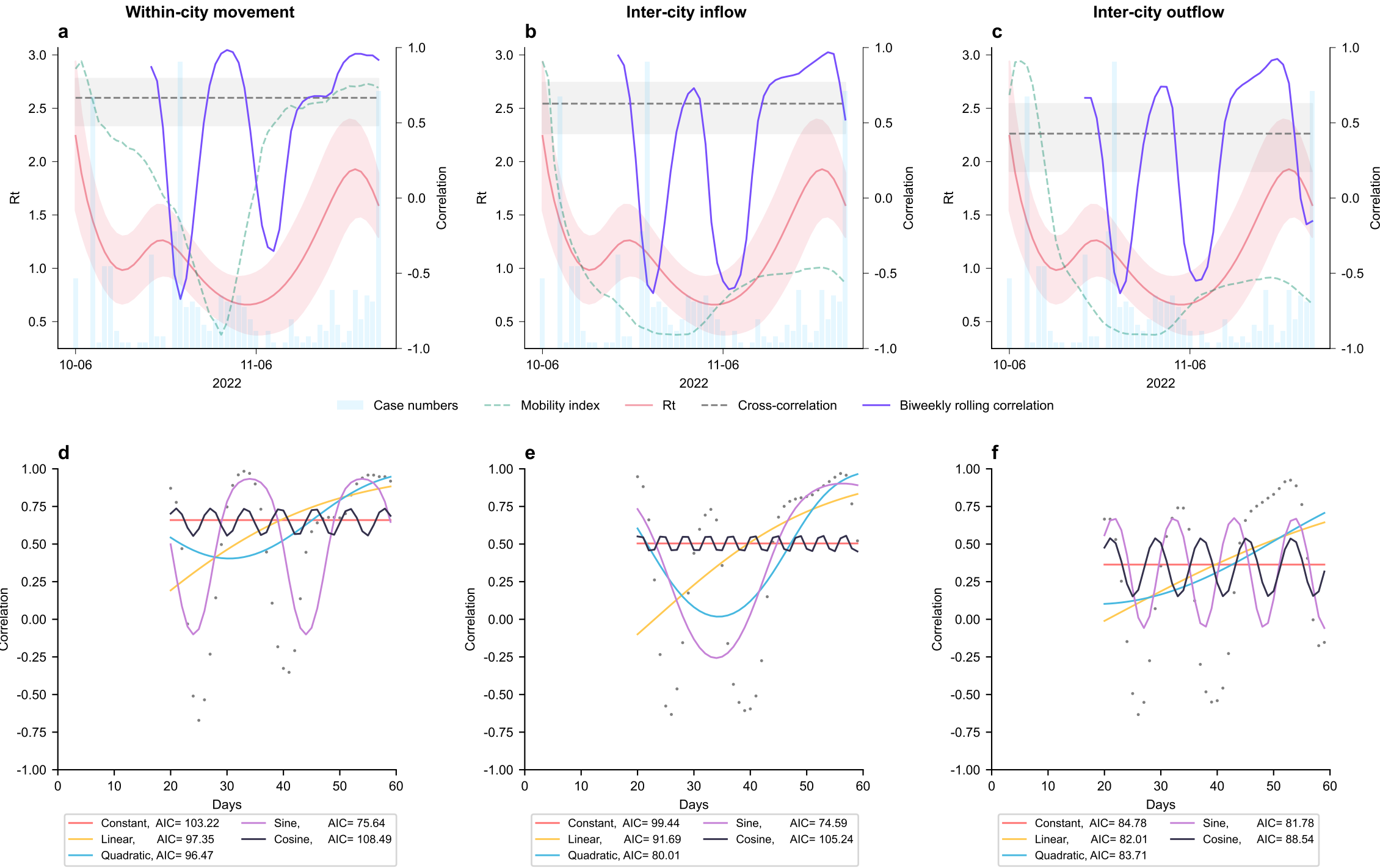
Within-city movement

Inter-city inflow

Inter-city outflow

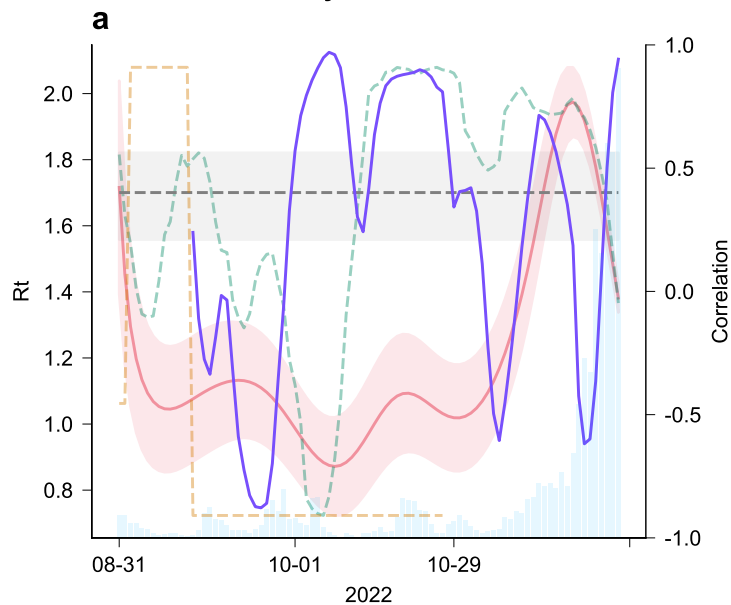


Sichuan_Nanchong (Wave 2)

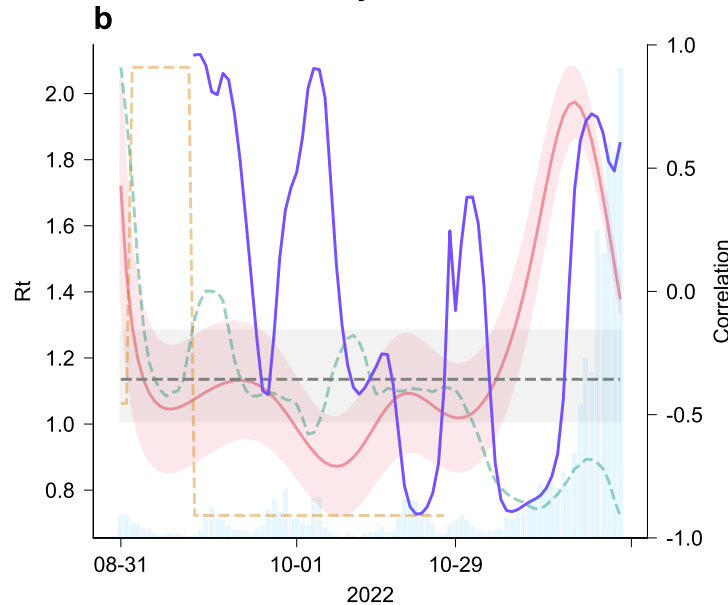


Tianjin (Wave 2)

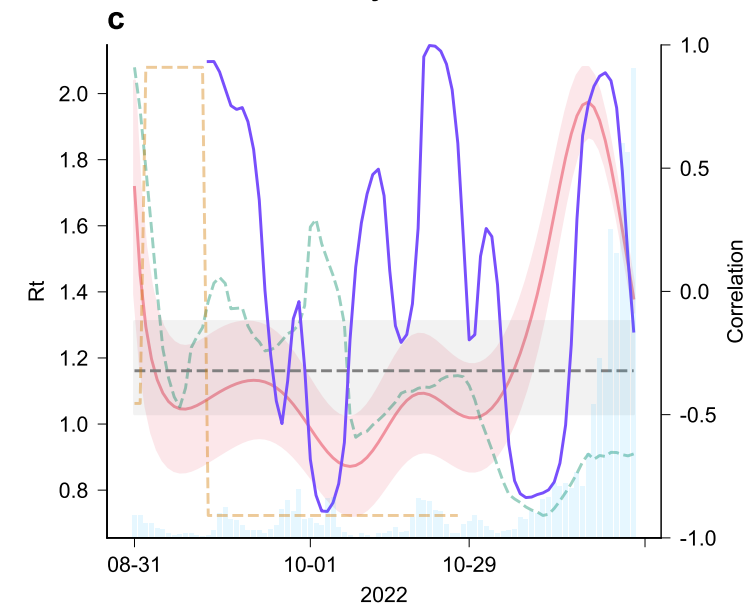
Within-city movement



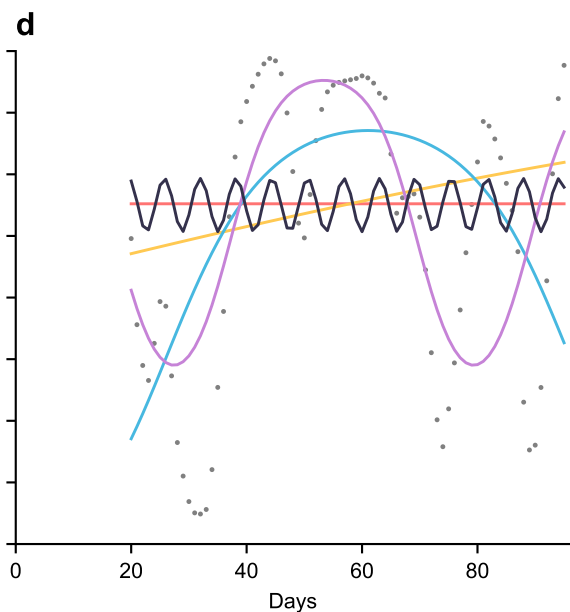
Inter-city inflow



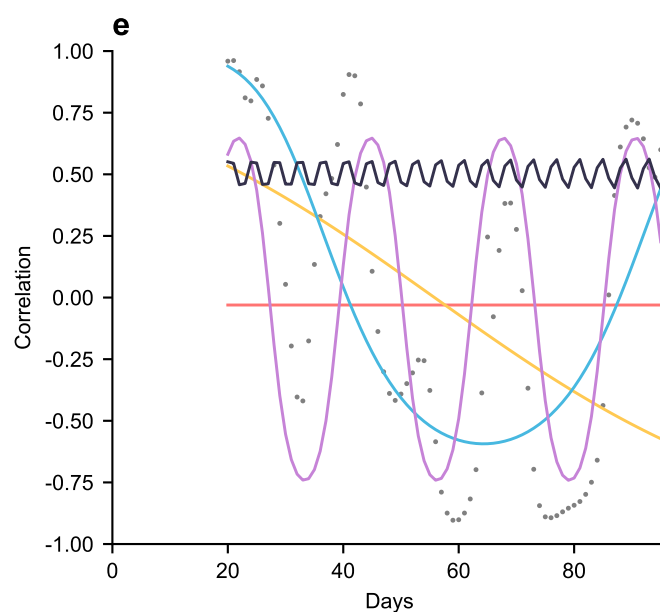
Inter-city outflow



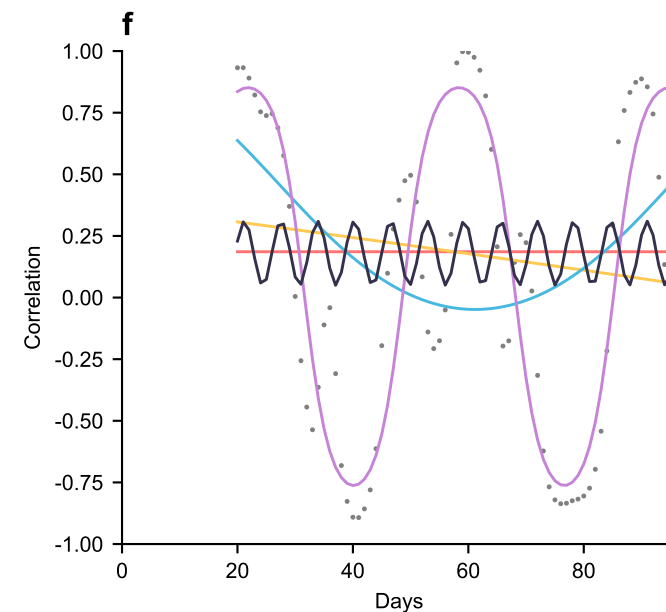
Case numbers Mobility index R_t Cross-correlation Biweekly rolling correlation GRI



Constant, AIC= 189.47	Sine, AIC= 148.37
Linear, AIC= 189.71	Cosine, AIC= 194.60
Quadratic, AIC= 174.18	



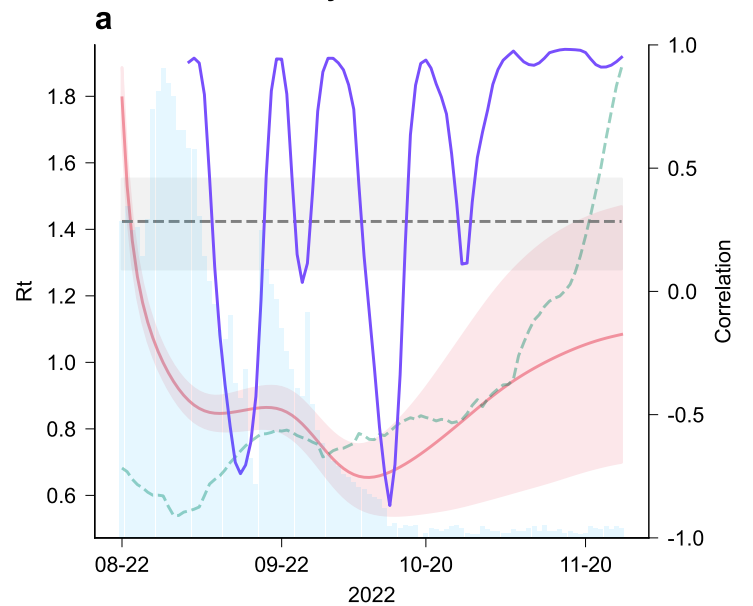
Constant, AIC= 200.65	Sine, AIC= 161.86
Linear, AIC= 189.64	Cosine, AIC= 105.24
Quadratic, AIC= 153.18	



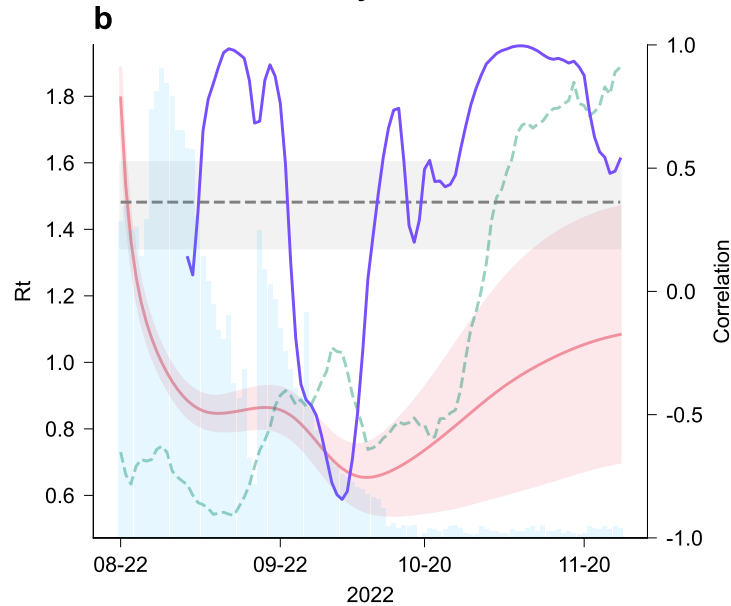
Constant, AIC= 216.81	Sine, AIC= 147.03
Linear, AIC= 218.40	Cosine, AIC= 222.16
Quadratic, AIC= 217.32	

Xizang_Lasa (Wave 2)

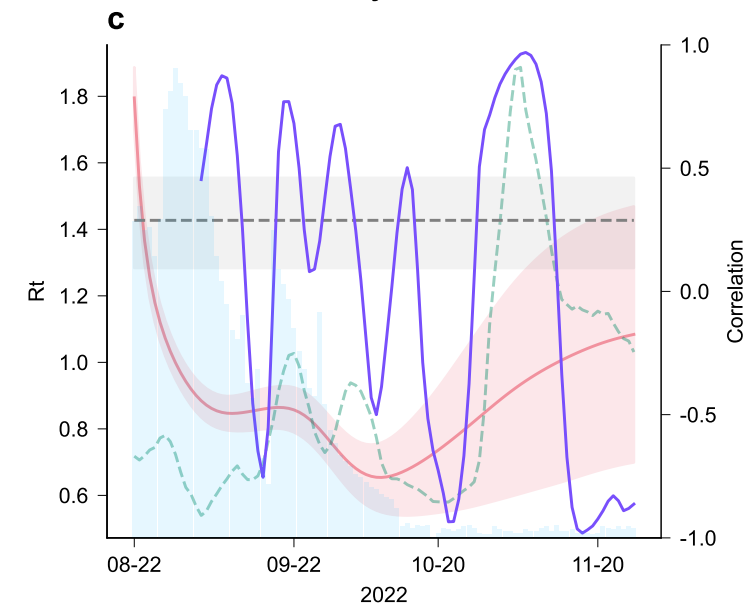
Within-city movement



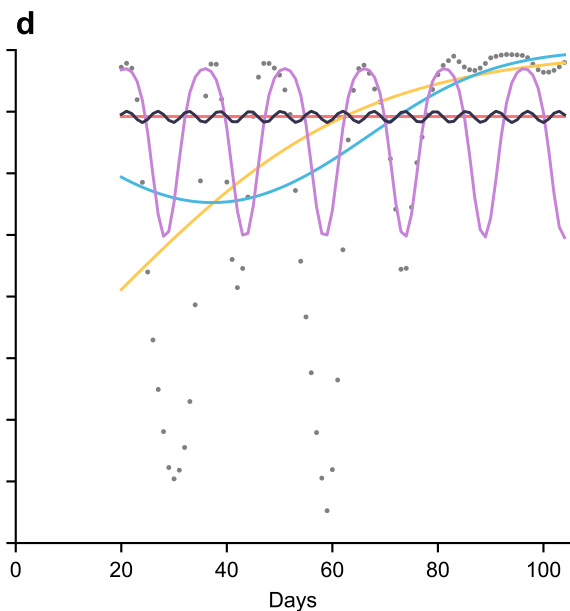
Inter-city inflow



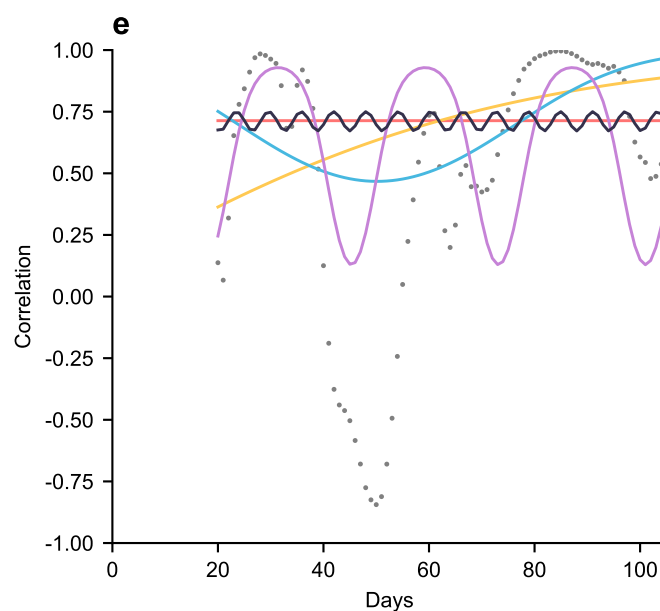
Inter-city outflow



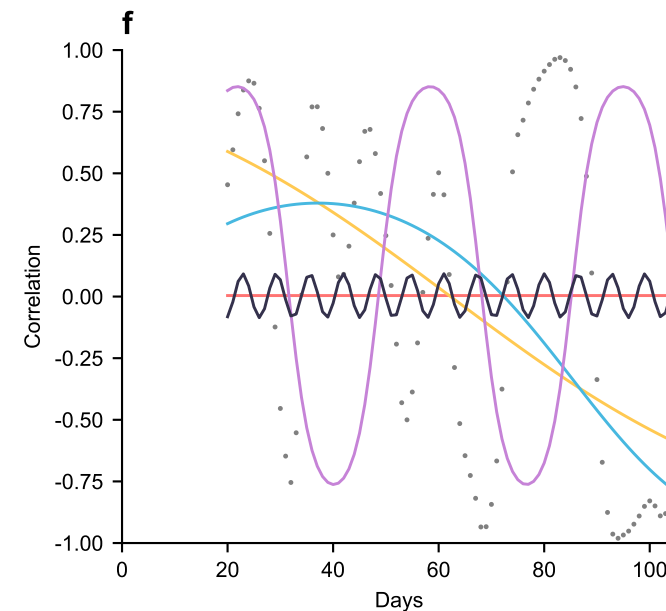
Case numbers Mobility index R_t Cross-correlation Biweekly rolling correlation



Constant, AIC= 236.32	Sine, AIC= 217.25
Linear, AIC= 209.21	Cosine, AIC= 242.21
Quadratic, AIC= 204.00	



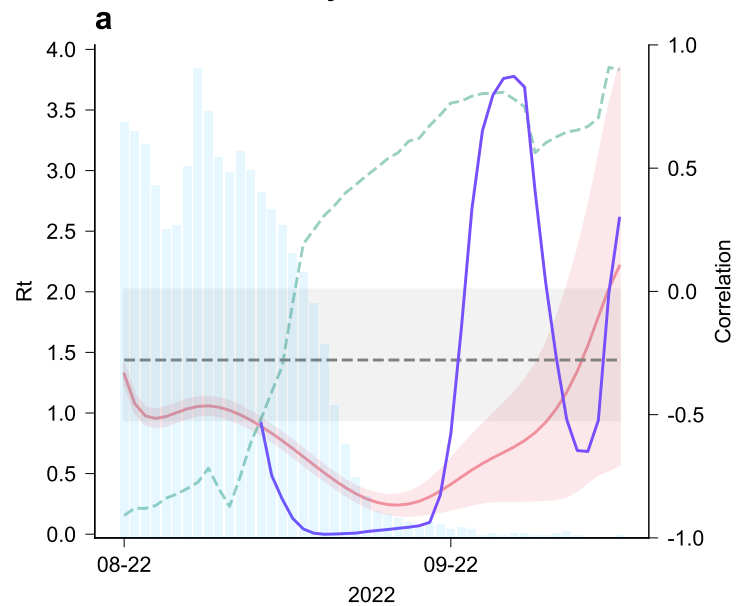
Constant, AIC= 241.07	Sine, AIC= 219.51
Linear, AIC= 235.27	Cosine, AIC= 246.80
Quadratic, AIC= 229.96	



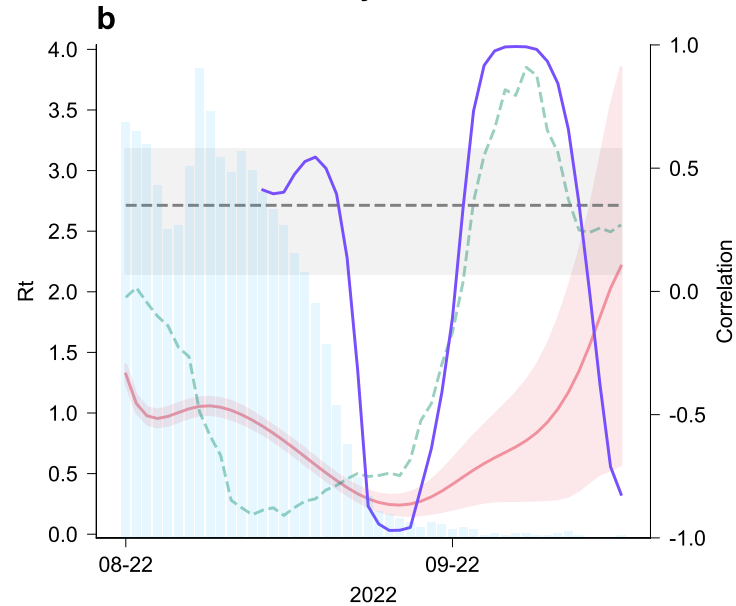
Constant, AIC= 247.01	Sine, AIC= 147.03
Linear, AIC= 236.25	Cosine, AIC= 252.71
Quadratic, AIC= 235.53	

Xizang_Rikaze (Wave 2)

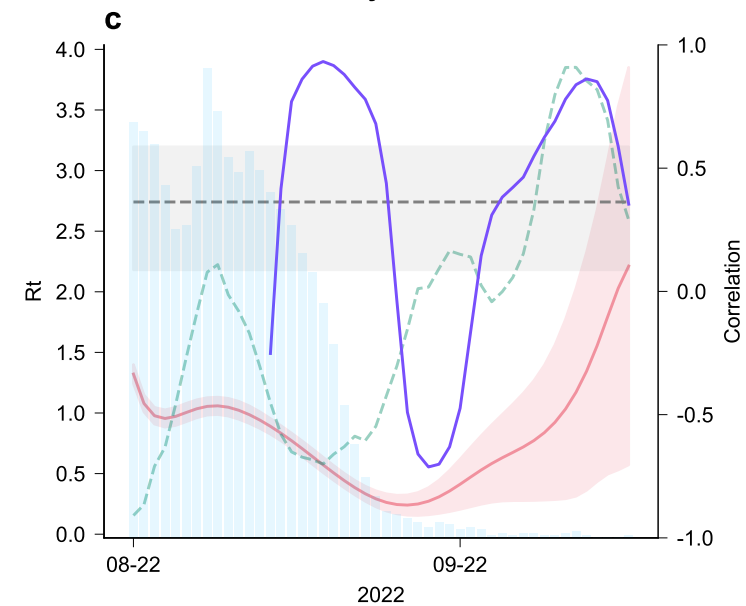
Within-city movement



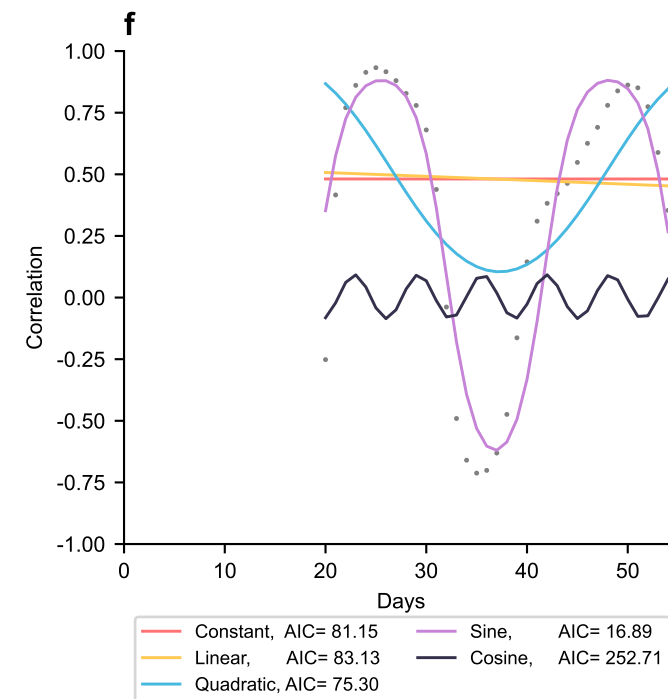
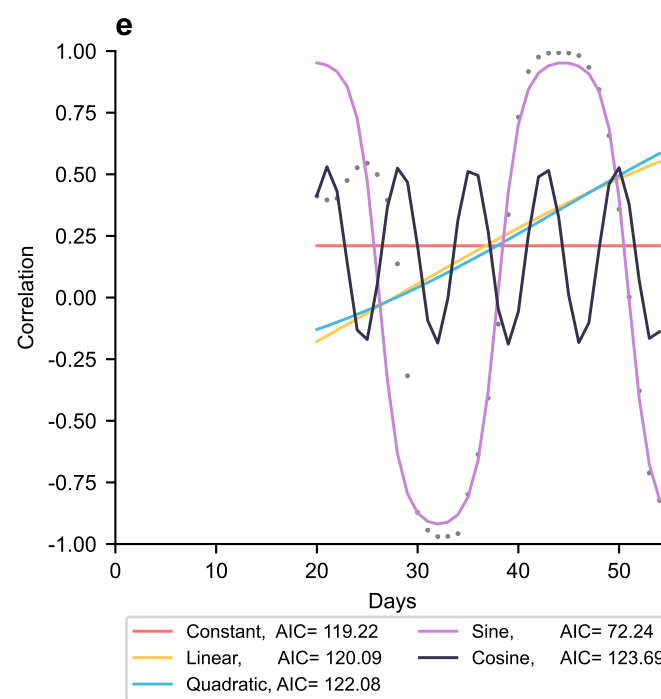
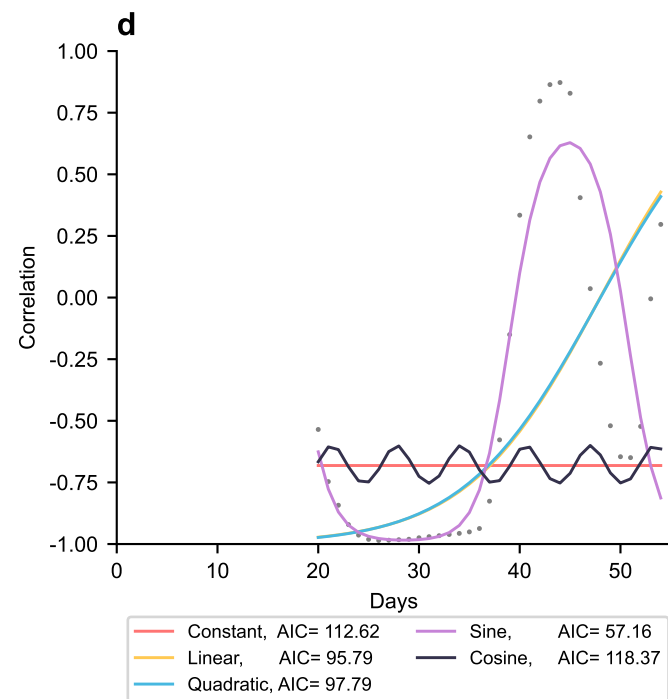
Inter-city inflow



Inter-city outflow



Case numbers Mobility index R_t Cross-correlation Biweekly rolling correlation

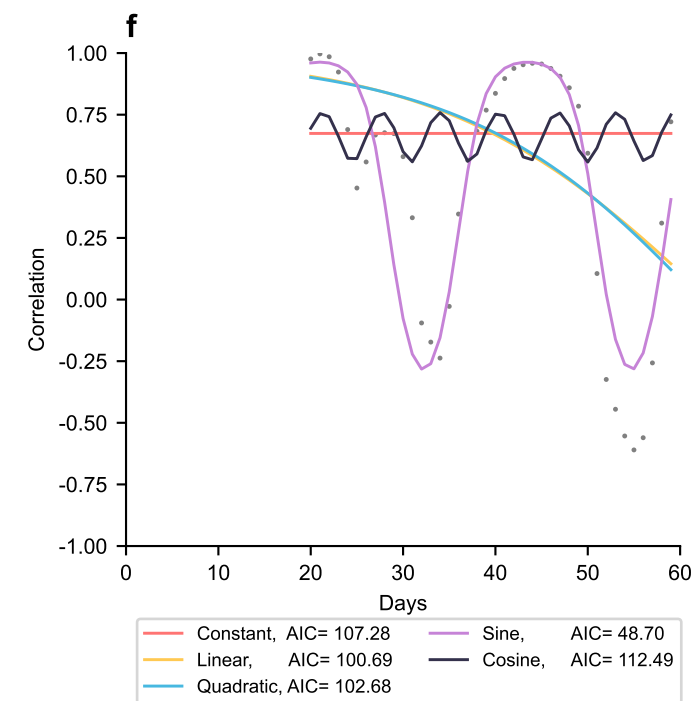
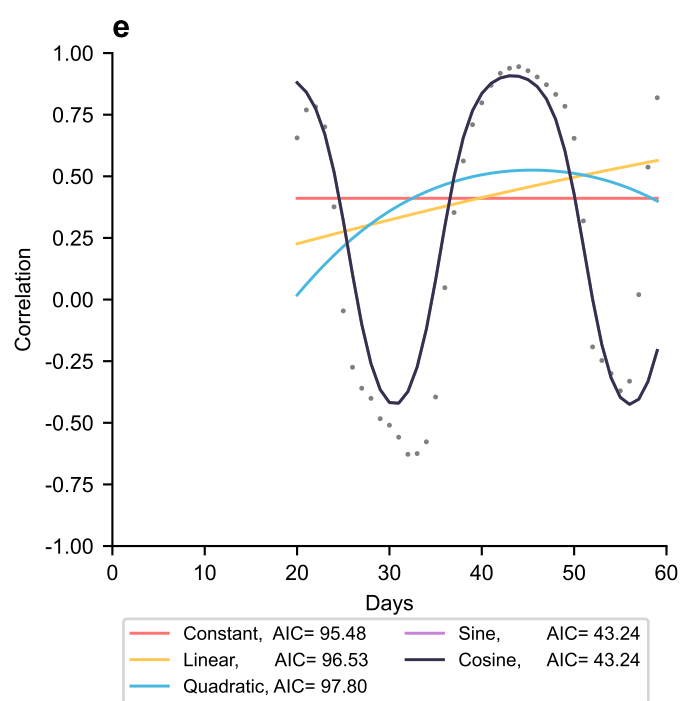
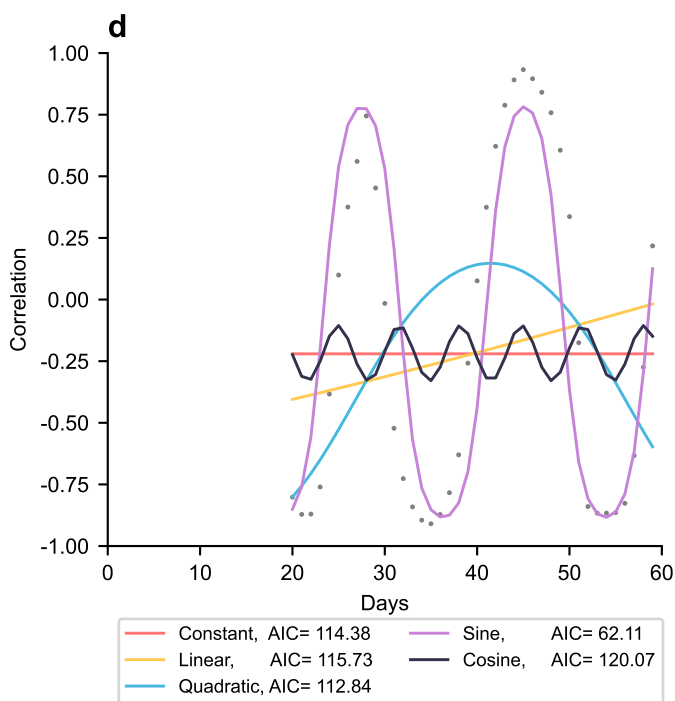
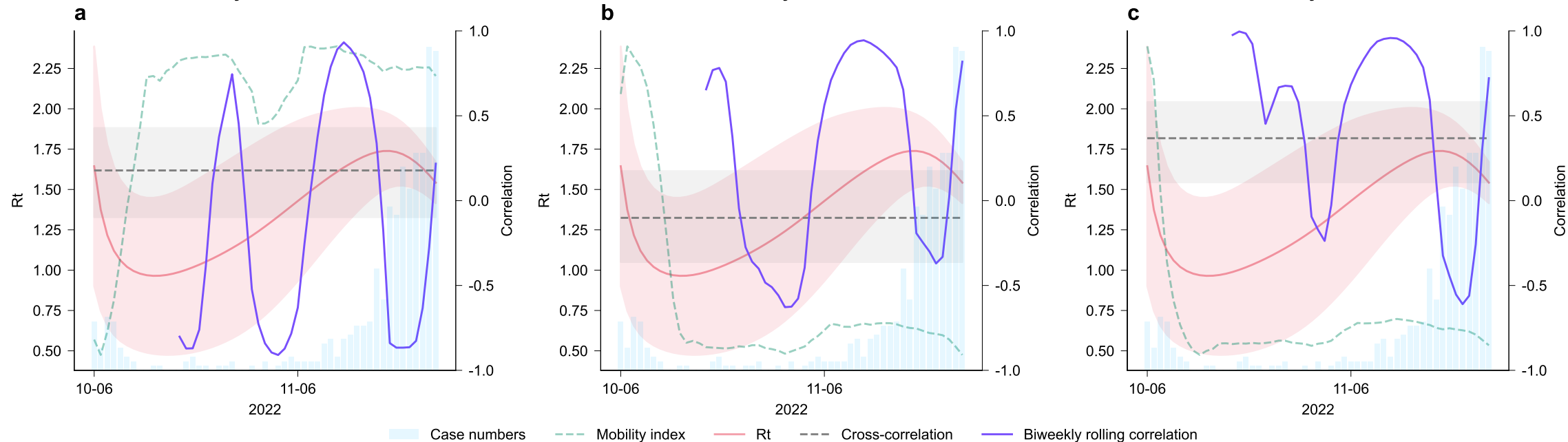


Zhejiang_Hangzhou (Wave 2)

Within-city movement

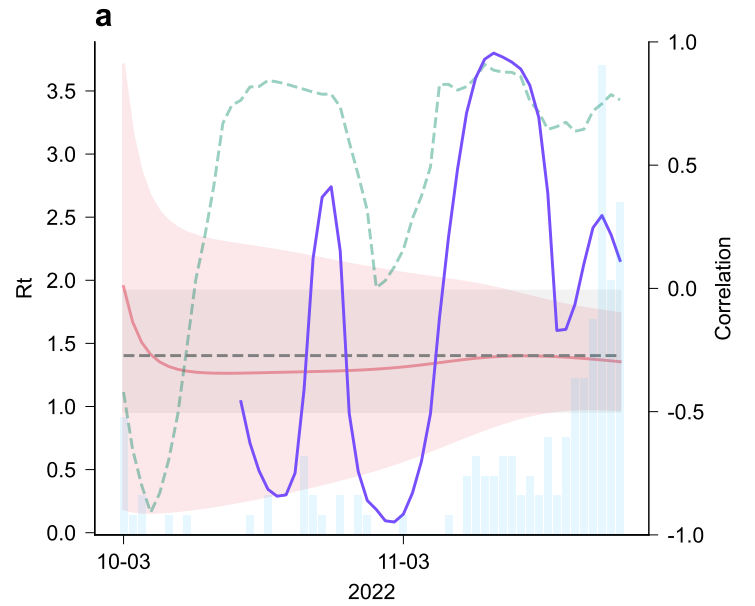
Inter-city inflow

Inter-city outflow

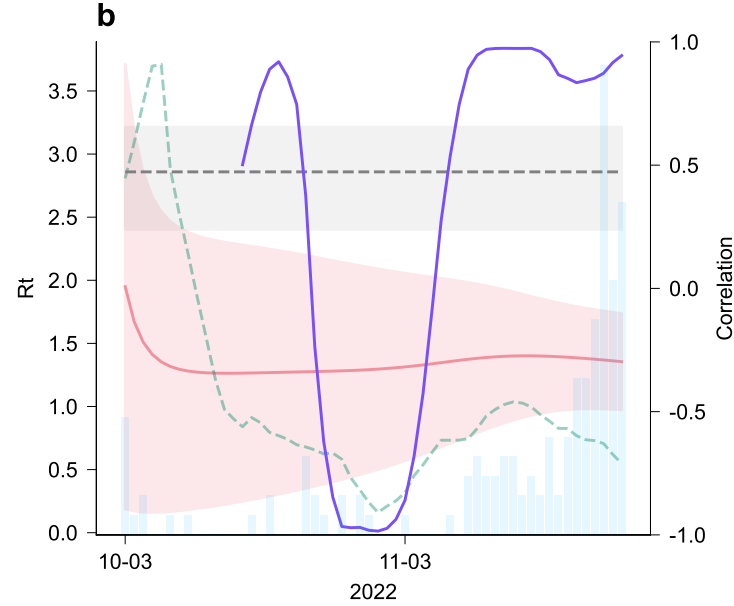


Zhejiang_Jiaxing (Wave 2)

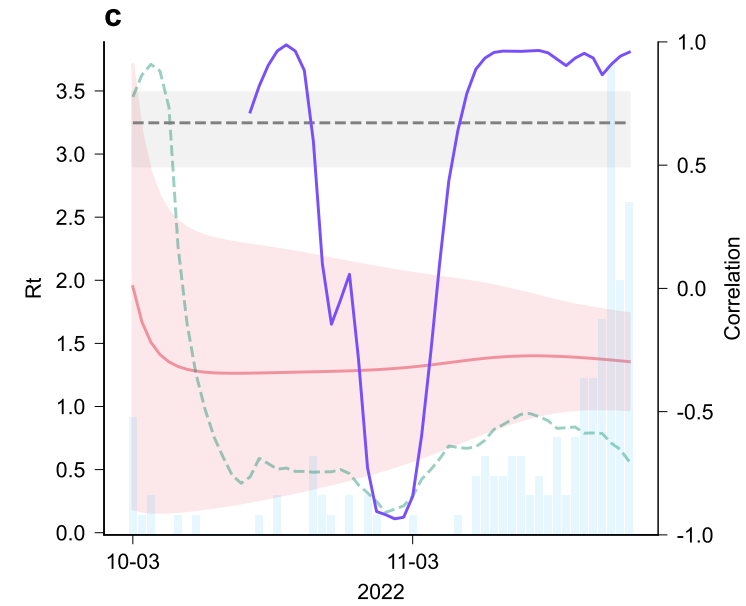
Within-city movement



Inter-city inflow

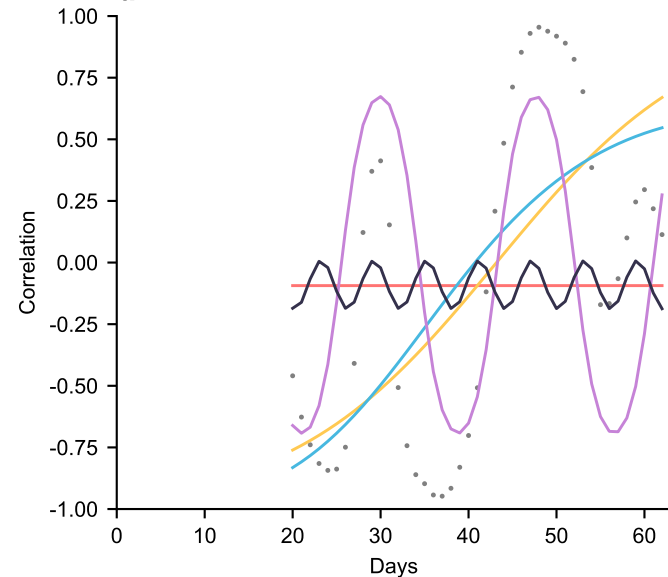


Inter-city outflow



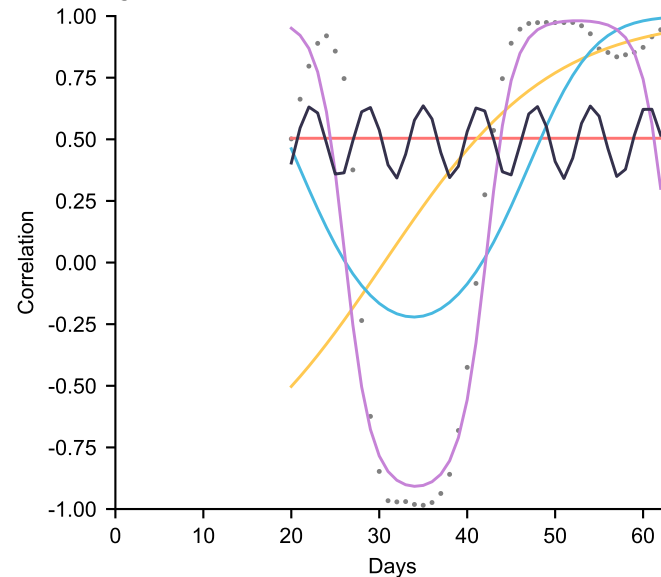
Case numbers Mobility index R_t Cross-correlation Biweekly rolling correlation

d



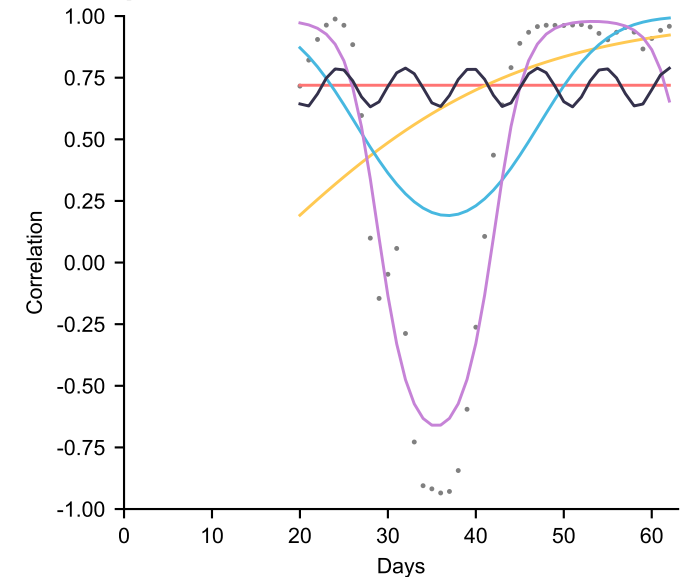
Constant, AIC= 125.57	Sine, AIC= 113.26
Linear, AIC= 112.93	Cosine, AIC= 131.34
Quadratic, AIC= 114.39	

e



Constant, AIC= 151.94	Sine, AIC= 86.48
Linear, AIC= 143.66	Cosine, AIC= 157.54
Quadratic, AIC= 137.78	

f



Constant, AIC= 135.65	Sine, AIC= 77.74
Linear, AIC= 131.70	Cosine, AIC= 141.23
Quadratic, AIC= 120.53	