|  |  |  |
| --- | --- | --- |
| **Table S2.** Relative risks and 95% confidence intervals for an IQR increment of each air pollutant stratified seasonally.  |  |  |
| Season | 　 | Lag 0 | Lag 1 | Lag 2 | Lag 3  | Lag 0-1 | Lag 0-2 | Lag 0-3 |
| Spring |  |  |  |  |  |  |  |  |
|  | PM10  | 0.983(0.930,1.038) | 1.023(0.965,1.086) | 0.941(0.872,1.016) | 0.957(0.892,1.026) | 1.006(0.939,1.077) | 0.947(0.863,1.039) | 0.906(0.816,1.007) |
|  | NO2 | 1.048(0.923,1.189) | 1.057(0.936,1.193) | 1.060(0.943,1.192) | 0.992(0.885,1.111) | 1.108(0.967,1.269) | 1.174(1.001,1.377) | 1.164(0.988,1.371) |
|  | SO2 | 1.077(0.976,1.188) | 1.017(0.915,1.130) | 1.017(0.917,1.129) | 0.978(0.891,1.073) | 1.095(0.989,1.212) | 1.114(0.993,1.250) | 1.089(0.972,1.220) |
|  | CO | 1.043(0.932,1.167) | 1.061(0.942,1.196) | 1.020(0.908,1.145) | 0.934(0.836,1.042) | 1.107(0.980,1.249) | 1.129(0.985,1.293) | 1.054(0.916,1.212) |
|  | O3 | 0.990(0.890,1.102) | 0.990(0.885,1.108) | 1.002(0.900,1.116) | 0.993(0.892,1.105) | 0.981(0.862,1.116) | 0.983(0.846,1.142) | 0.976(0.827,1.152) |
| Summer |  |  |  |  |  |  |  |
|  | PM10  | 1.075(0.948,1.218) | 1.024(0.881,1.190) | 0.965(0.829,1.124) | 0.952(0.843,1.076) | 1.101(0.968,1.252) | 1.062(0.925,1.219) | 1.011(0.898,1.138) |
|  | NO2 | 1.051(0.936,1.180) | 1.020(0.899,1.157) | 0.970(0.856,1.099) | 1.029(0.922,1.147) | 1.071(0.942,1.218) | 1.039(0.898,1.203) | 1.069(0.923,1.237) |
|  | SO2 | 1.052(0.946,1.170) | 1.010(0.898,1.136) | 0.986(0.876,1.110) | 1.018(0.923,1.122) | 1.063(0.949,1.191) | 1.048(0.926,1.186) | 1.066(0.948,1.199) |
|  | CO | 1.079(0.952,1.223) | 1.017(0.881,1.174) | 0.980(0.848,1.132) | 1.030(0.913,1.163) | 1.098(0.962,1.253) | 1.075(0.923,1.252) | 1.108(0.955,1.286) |
|  | O3 | 0.983(0.859,1.125) | 1.072(0.944,1.218) | 1.003(0.883,1.138) | 0.976(0.867,1.100) | 1.054(0.904,1.229) | 1.057(0.893,1.251) | 1.032(0.861,1.237) |
| Autumn |  |  |  |  |  |  |  |
|  | PM10  | 0.952(0.847,1.071) | 1.091(0.951,1.252) | 0.999(0.862,1.159) | 1.004(0.893,1.129) | 1.039(0.923,1.169) | 1.038(0.917,1.176) | 1.042(0.923,1.178) |
|  | NO2 | 0.936(0.810,1.080) | 1.231(1.029,1.473) | 1.042(0.874,1.244) | 0.991(0.856,1.147) | 1.152(0.974,1.362) | 1.201(1.020,1.414) | 1.190(1.015,1.395) |
|  | SO2 | 0.995(0.885,1.118) | 1.035(0.895,1.197) | 1.034(0.893,1.196) | 1.020(0.911,1.142) | 1.030(0.912,1.163) | 1.064(0.943,1.201) | 1.086(0.963,1.225) |
|  | CO | 0.940(0.816,1.083) | 1.167(0.982,1.386) | 1.055(0.890,1.252) | 0.947(0.822,1.092) | 1.097(0.936,1.285) | 1.158(0.991,1.352) | 1.097(0.938,1.282) |
|  | O3 | 1.073(0.916,1.258) | 0.898(0.766,1.053) | 0.861(0.735,1.009) | 1.001(0.866,1.158) | 0.964(0.794,1.171) | 0.830(0.662,1.041) | 0.831(0.649,1.065) |
| Winter |  |  |  |  |  |  |  |  |
|  | PM10  | 1.012(0.918,1.116) | 0.978(0.875,1.093) | 0.969(0.867,1.084) | 0.960(0.870,1.060) | 0.990(0.891,1.100) | 0.959(0.851,1.081) | 0.921(0.809,1.049) |
|  | NO2 | 0.946(0.793,1.129) | 1.158(0.961,1.395) | 0.818(0.686,0.976) | 0.920(0.777,1.089) | 1.096(0.871,1.377) | 0.896(0.707,1.136) | 0.824(0.640,1.061) |
|  | SO2 | 0.948(0.815,1.102) | 1.015(0.860,1.198) | 0.949(0.804,1.119) | 0.954(0.831,1.095) | 0.962(0.818,1.132) | 0.913(0.770,1.082) | 0.871(0.735,1.031) |
|  | CO | 0.938(0.788,1.116) | 1.194(0.977,1.459) | 0.833(0.681,1.018) | 1.031(0.866,1.228) | 1.120(0.912,1.374) | 0.932(0.756,1.150) | 0.961(0.778,1.188) |
| 　 | O3 | 1.010(0.858,1.190) | 0.865(0.730,1.025) | 1.146(0.977,1.344) | 1.069(0.910,1.255) | 0.874(0.704,1.084) | 1.002(0.801,1.252) | 1.070(0.858,1.335) |