**Supplementary Table 3.** Climate ensemble members and weighting coefficients for forecasted climate datasets.

|  |  |  |
| --- | --- | --- |
|  | **Weighting coefficients** |  |
| **Climate Model** | **Pmean** | **Tmean** | **Tmax** | **Tmin** |
| CanESM5 | 0.22 | 0.84 | 1.56 | 0.76 |
| FGOALS-g3 | <0.01 | 1.27 | 0.92 | 0.96 |
| GFDL-ESM4 | 3.77 | 0.73 | 0.19 | 0.15 |
| IPSL-CM6A-LR | 3.00 | 0.87 | 0.97 | 0.98 |
| MIROC6 | <0.01 | 1.45 | 1.09 | 1.60 |
| MPI-ESM-1-2-HR | <0.01 | 0.69 | 1.28 | 1.49 |
| MRI-ESM2-0 | 0.01 | 1.15 | 1.00 | 1.05 |