Emission Scenario 126

|  |  |  |
| --- | --- | --- |
| Raw data from WorldClim | | |
| Model | MAPE(%) | Spearman correlation |
| MIROC6 | 41.6933 | 0.1491 |
| GFDL-ESM4 | 42.9910 | 0.1038 |
| IPSL-CM6A-LR | 41.0854 | 0.1741 |
| MRI-ESM2-0 | 42.5555 | 0.2631 |
| MPI-ESM1-2-HR | 41.2218 | 0.0967 |
| Post DCSR bias correction | | |
| MIROC6 | 20.7081 | 0.6431 |
| GFDL-ESM4 | 21.1043 | 0.6431 |
| IPSL-CM6A-LR | 19.8825 | 0.6431 |
| MRI-ESM2-0 | 22.3009 | 0.6431 |
| MPI-ESM1-2-HR | 19.9509 | 0.6431 |

Emission Scenario 585

|  |  |  |
| --- | --- | --- |
| Raw data from WorldClim | | |
| Model | MAPE (%) | Spearman correlation |
| MIROC6 | 40.8981 | 0.1555 |
| GFDL-ESM4 | 41.1601 | 0.0930 |
| IPSL-CM6A-LR | 40.0428 | 0.1821 |
| MRI-ESM2-0 | 40.8711 | 0.2854 |
| MPI-ESM1-2-HR | 42.9513 | 0.1028 |
| Post DCSR bias correction | | |
| MIROC6 | 19.2295 | 0.6431 |
| GFDL-ESM4 | 19.9352 | 0.6431 |
| IPSL-CM6A-LR | 18.3474 | 0.6431 |
| MRI-ESM2-0 | 19.7434 | 0.6431 |
| MPI-ESM1-2-HR | 22.2803 | 0.6431 |

|  |  |  |
| --- | --- | --- |
| ISIMIP (originally bias corrected) | | |
| Model | MAPE (%) | Spearman correlation |
| MIROC6 | 108.2021 | 0.2312 |
| GFDL-ESM4 | 109.5034 | 0.1156 |
| IPSL-CM6A-LR | 111.1332 | 0.2803 |
| MRI-ESM2-0 | 115.5932 | 0.1910 |
| MPI-ESM1-2-HR | 108.2874 | 0.1402 |