Table S3. Comparison statistic results between rain gauge measurements and CHIRPS satellite-based estimates for the dry season, wet season, and annually from 2000 to 2014 for mean r-value, bias, MAE, and RMSE.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | r-value | Bias (mm) | MAE (mm) | RMSE (mm) |
| January | 0.34 | -9.58 | -0.03 | 4.61 |
| February | 0.32 | -6.56 | -0.01 | 6.63 |
| March | 0.60 | -14.44 | -0.37 | 18.40 |
| April | 0.68 | -29.11 | -0.35 | 30.69 |
| May | 0.64 | -39.94 | -1.07 | 48.46 |
| June | 0.61 | -54.60 | -0.86 | 58.65 |
| July | 0.61 | -42.29 | -0.66 | 63.58 |
| August | 0.56 | -49.76 | -1.93 | 74.98 |
| September | 0.62 | -43.02 | -0.50 | 66.30 |
| October | 0.65 | -37.79 | -0.85 | 51.41 |
| November | 0.61 | -16.87 | -0.03 | 24.30 |
| December | 0.48 | -15.10 | -0.08 | 9.60 |
| Dry Season | 0.61 | -11.24 | -2.81 | 15.19 |
| Wet Season | 0.68 | -104.41 | -23.91 | 69.25 |
| Annual | 0.58 | -272.48 | -162.46 | 293.29 |