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Supplement of

Seasonality and synchrony of photosynthesis in African forests inferred from spaceborne chlorophyll fluorescence and vegetation indices

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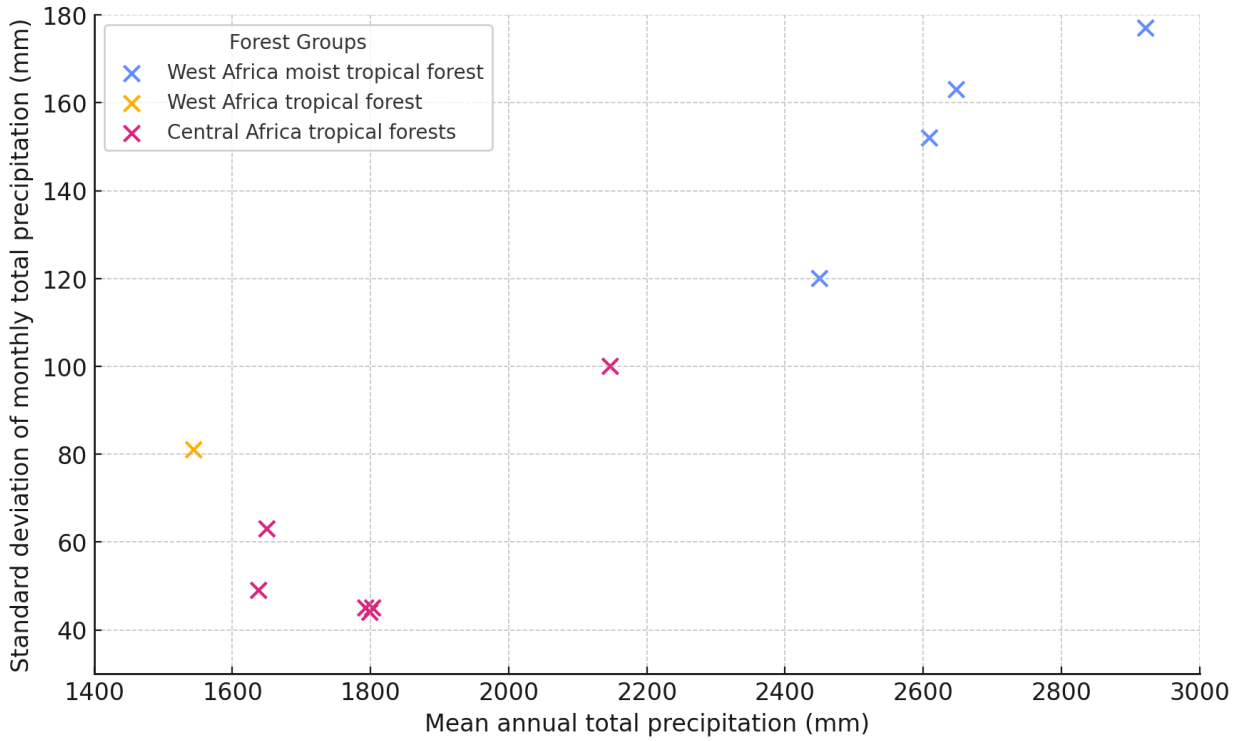

Figure S1. Mean annual total precipitation and standard deviation of monthly total precipitation in 2019-2021 for 11 African tropical evergreen broadleaf ecoregions, color coded according to the forest groups we used in our study.

Table S1. Mean annual total precipitation and standard deviation of monthly total precipitation in 2019-2021 for 11 African tropical evergreen broadleaf ecoregions.

Forest Ecoregion	Mean annual precip.	Standard deviation of monthly total precip.
West Africa moist tropical forest		
Cameroonian Highland	2648 mm	163 mm
Cross-Sanaga-Bioko Coastal	2609 mm	152 mm
Nigerian Lowland and Niger Delta	2922 mm	177 mm
Western Guinean Lowland	2450 mm	120 mm
West Africa tropical forest		
Eastern Guinean Forest	1544 mm	81 mm
Central Africa tropical forests		
Atlantic Equatorial Coastal	2147 mm	100 mm
Central Congolian Lowland	1793 mm	45 mm
Eastern Congolian Swamp	1799 mm	44 mm
Northeastern Congolian Lowland	1803 mm	45 mm
Northwestern Congolian Lowland	1650 mm	63 mm
Western Congolian Swamp	1638 mm	49 mm

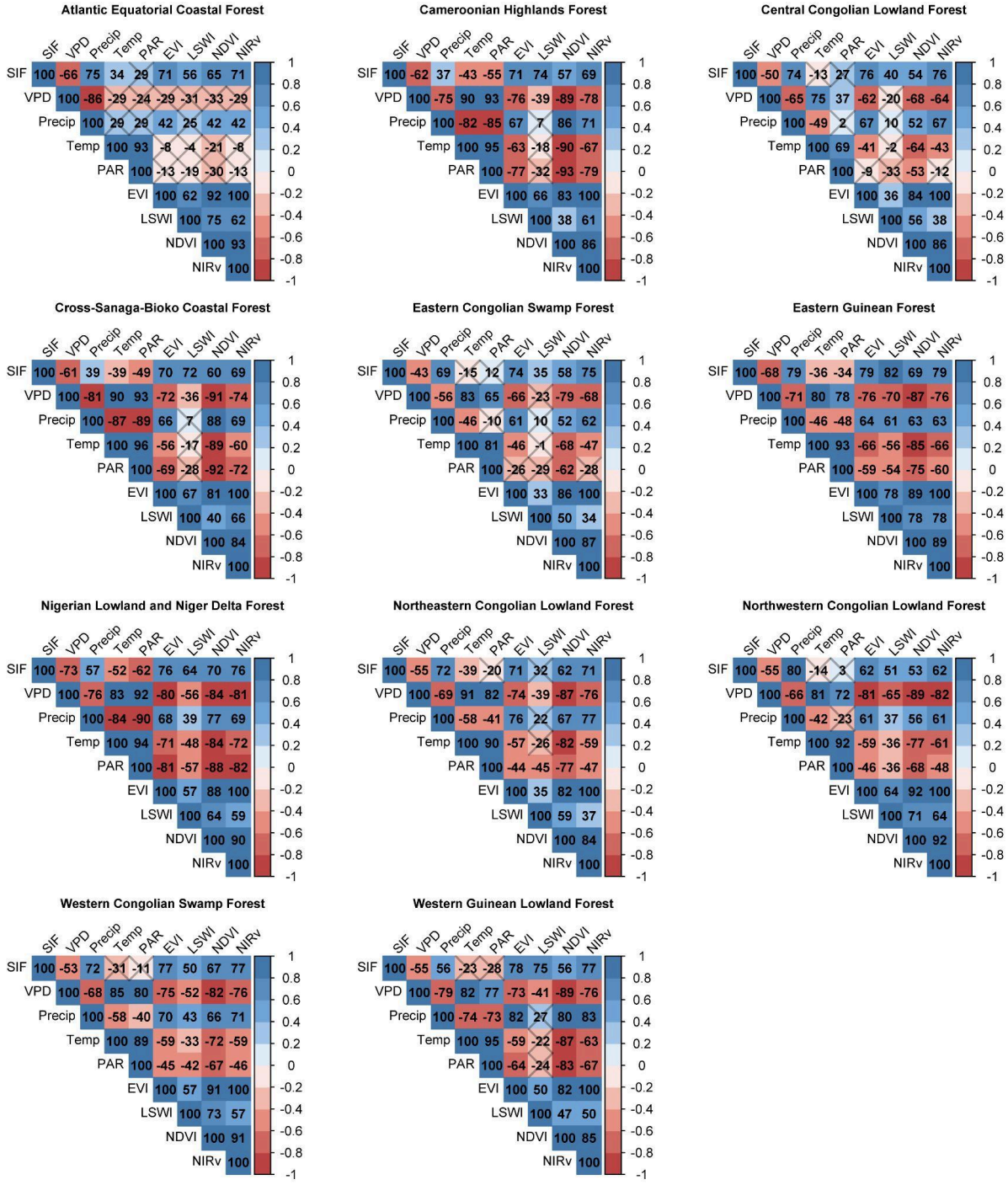

Figure S2. Pearson's correlations in percent (r * 100). X means the correlation was not significant at the $p < 0.05$ level of significance.

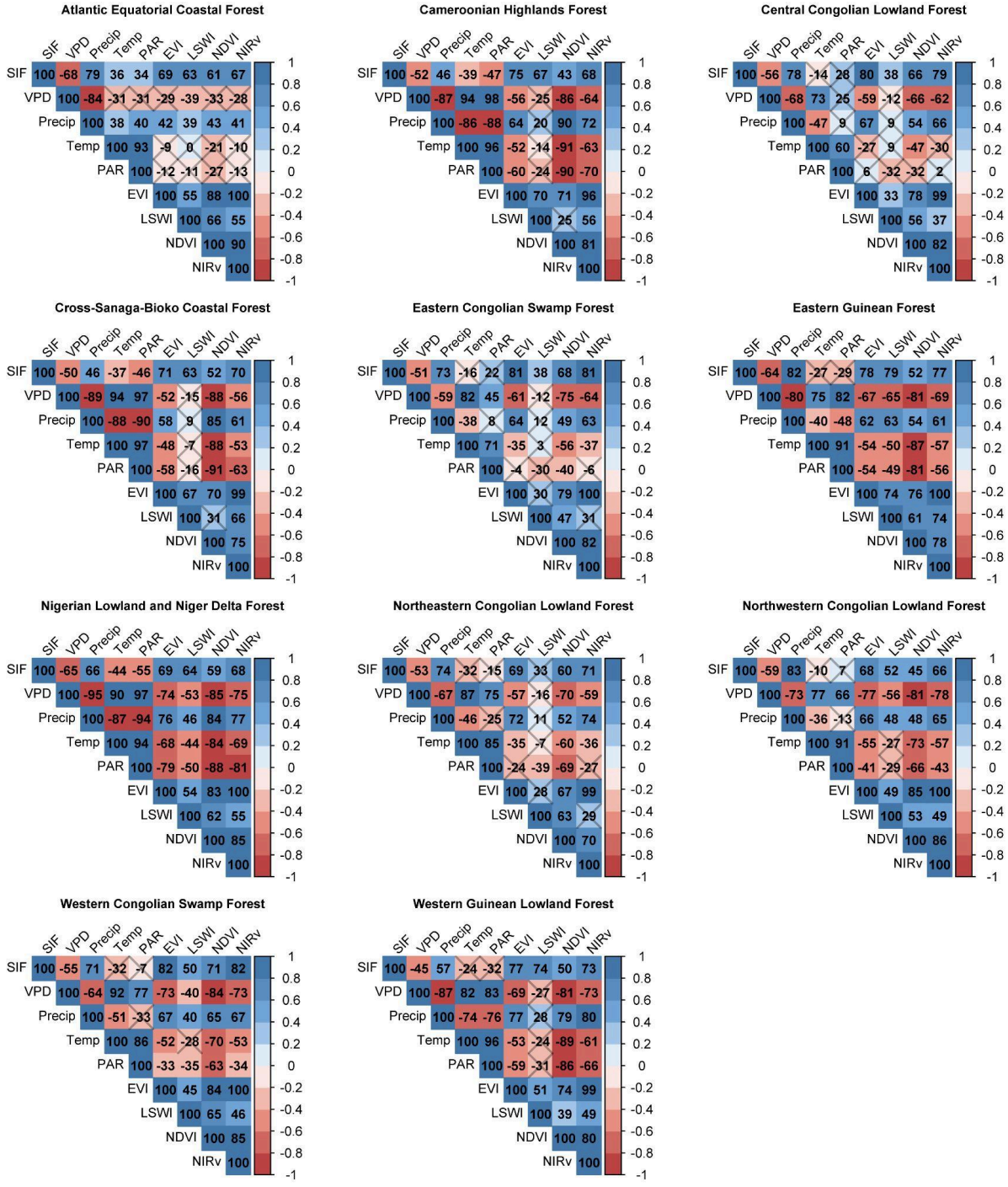

Figure S3. Spearman's correlations in percent (r * 100). X means the correlation was not significant at the $p < 0.05$ level of significance.

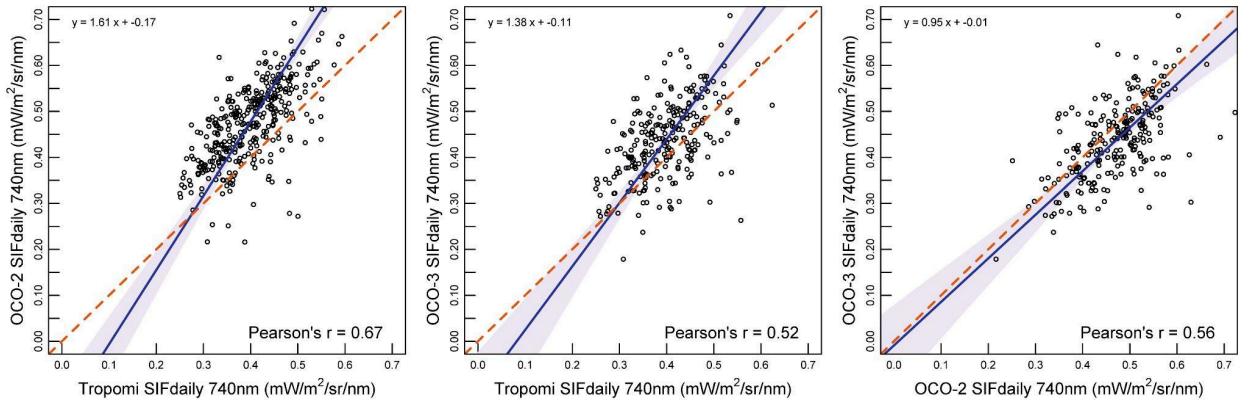

Figure S4. Cross-sensor comparisons using Deming regressions of the monthly mean SIFdaily from all 11 ecoregions in Fig. 5.

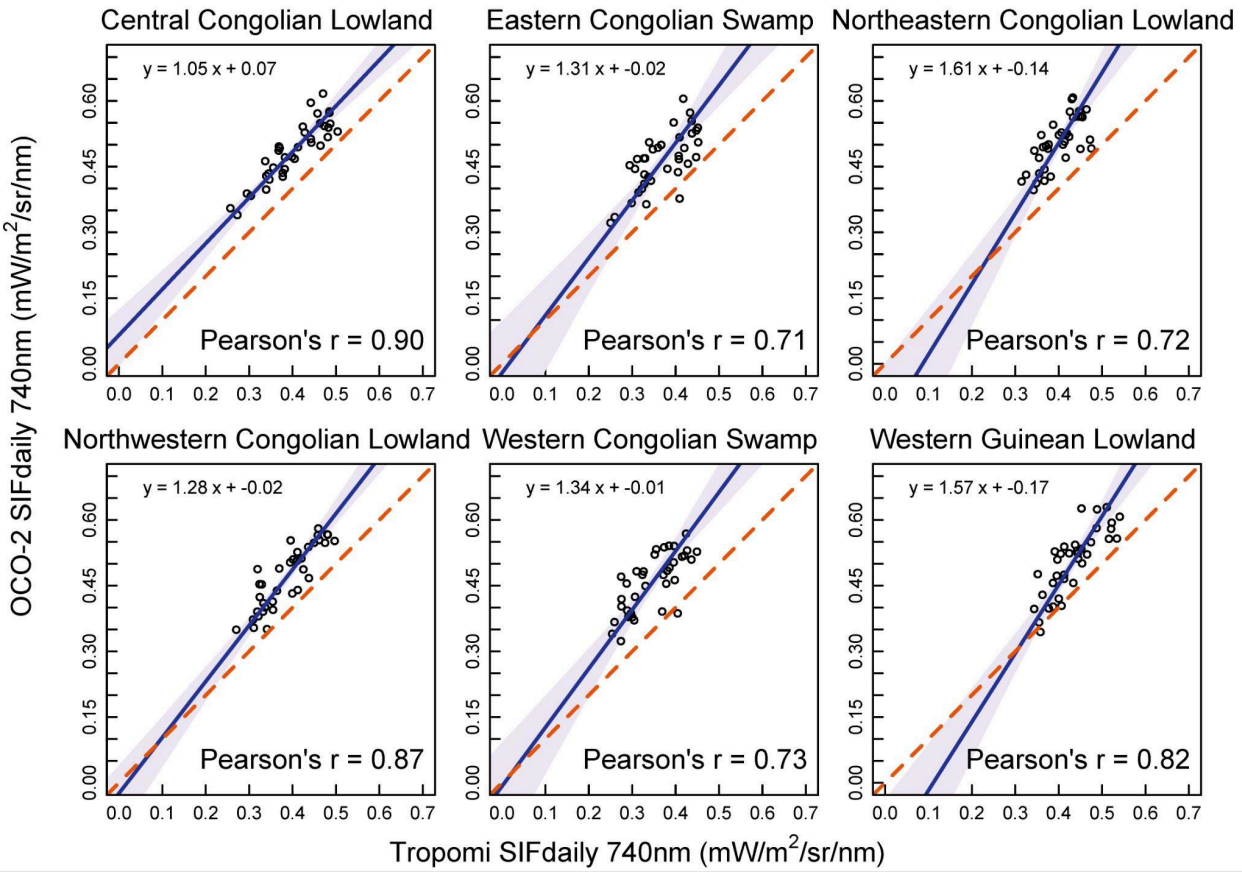

Figure S5. Cross-sensor comparisons using Deming regressions of the monthly mean SIFdaily from all 11 ecoregions in Fig. 4.