



Supplement of

Global variability in belowground autotrophic respiration in terrestrial ecosystems

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Figures

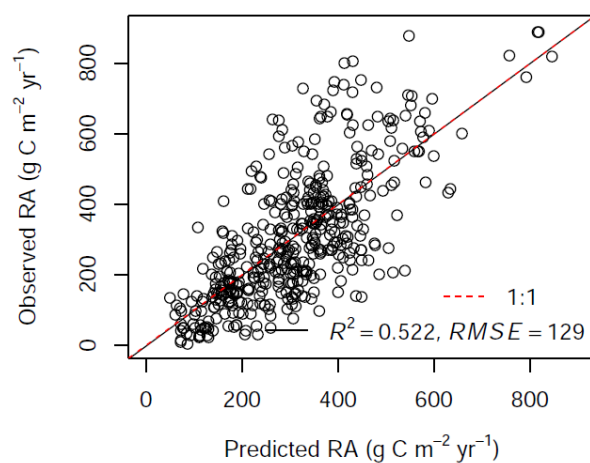


Fig. S1. Comparison between data-derived belowground autotrophic respiration (RA) and observed RA using a 10-fold cross-validation.

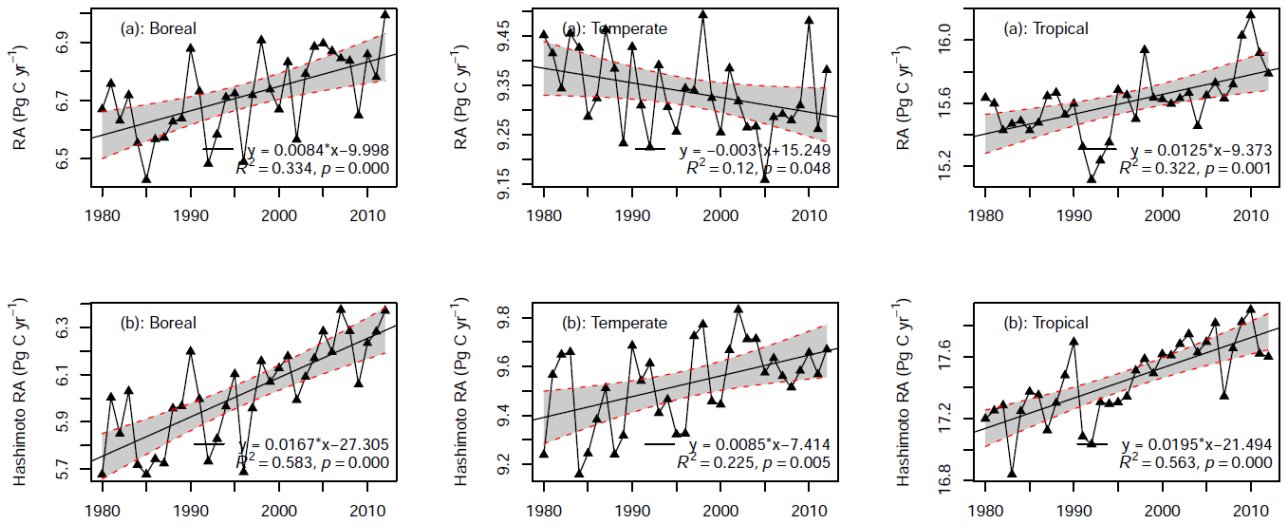


Fig. S2. Inter-annual variability of belowground autotrophic respiration (RA) for RF-RA (a) and Hashimoto2015-RA (b) for boreal, temperal and tropical areas

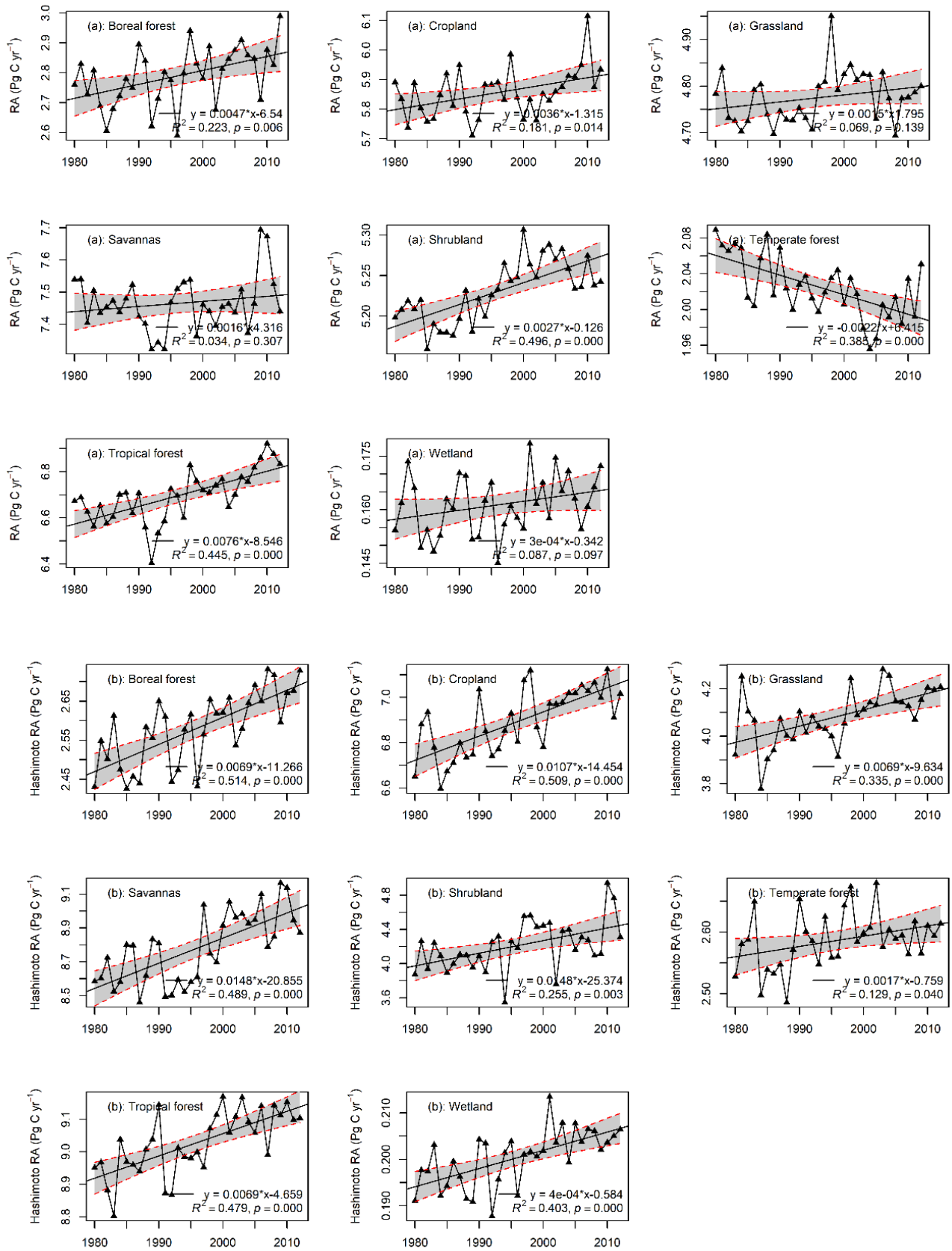


Fig. S3. Inter-annual variability of belowground autotrophic respiration (RA) for RF-RA (a) and Hashimoto2015-RA (b) for boreal forest, cropland, grassland, savannas, shrubland, temperate forest, tropical forest and wetland.

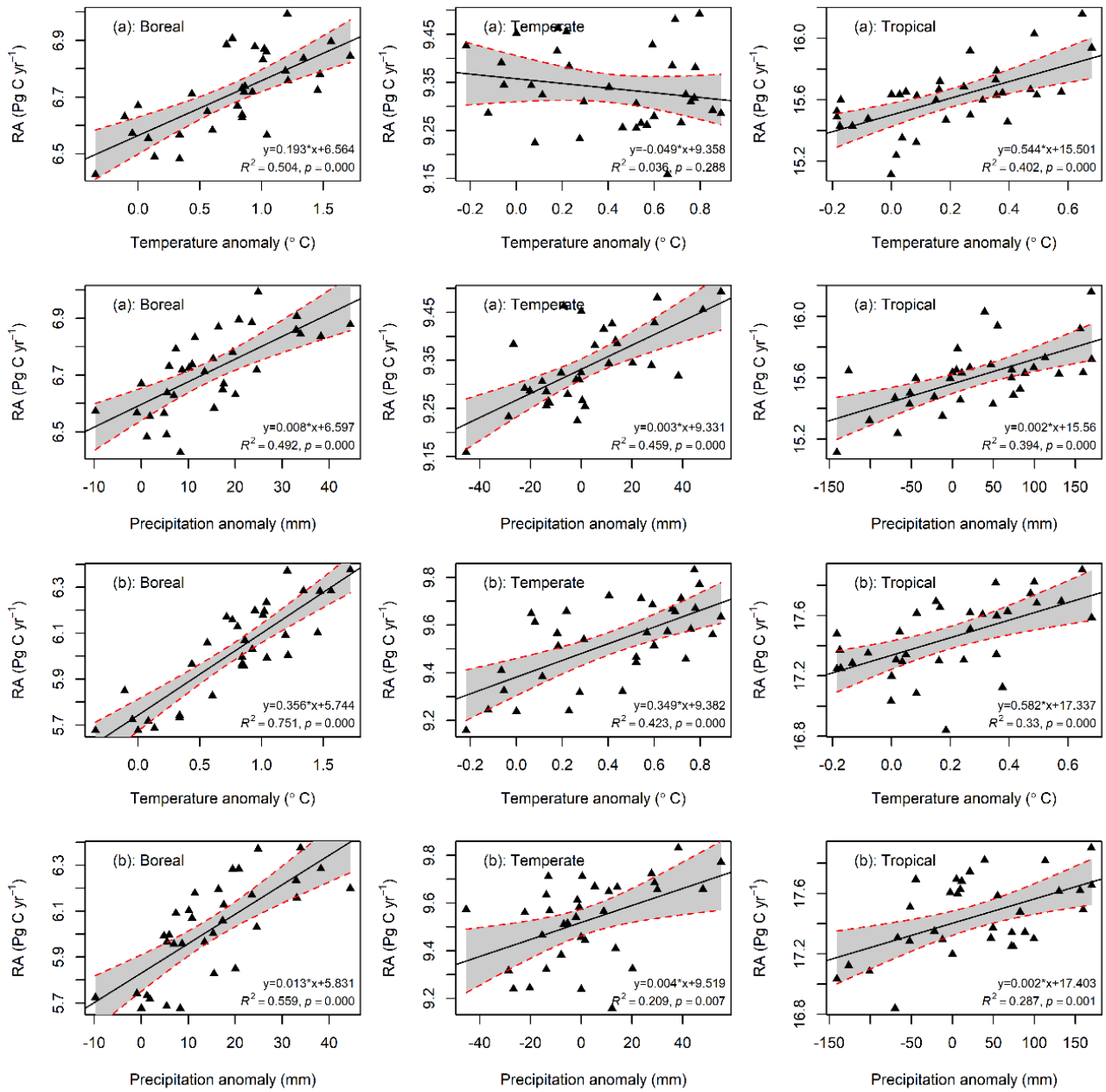


Fig. S4. The relationships between total belowground autotrophic respiration (RA) and temperature/precipitation anomaly for RF-RARF-RA (a) and Hashimoto2015-RA (b) for boreal, temperate and tropical areas.

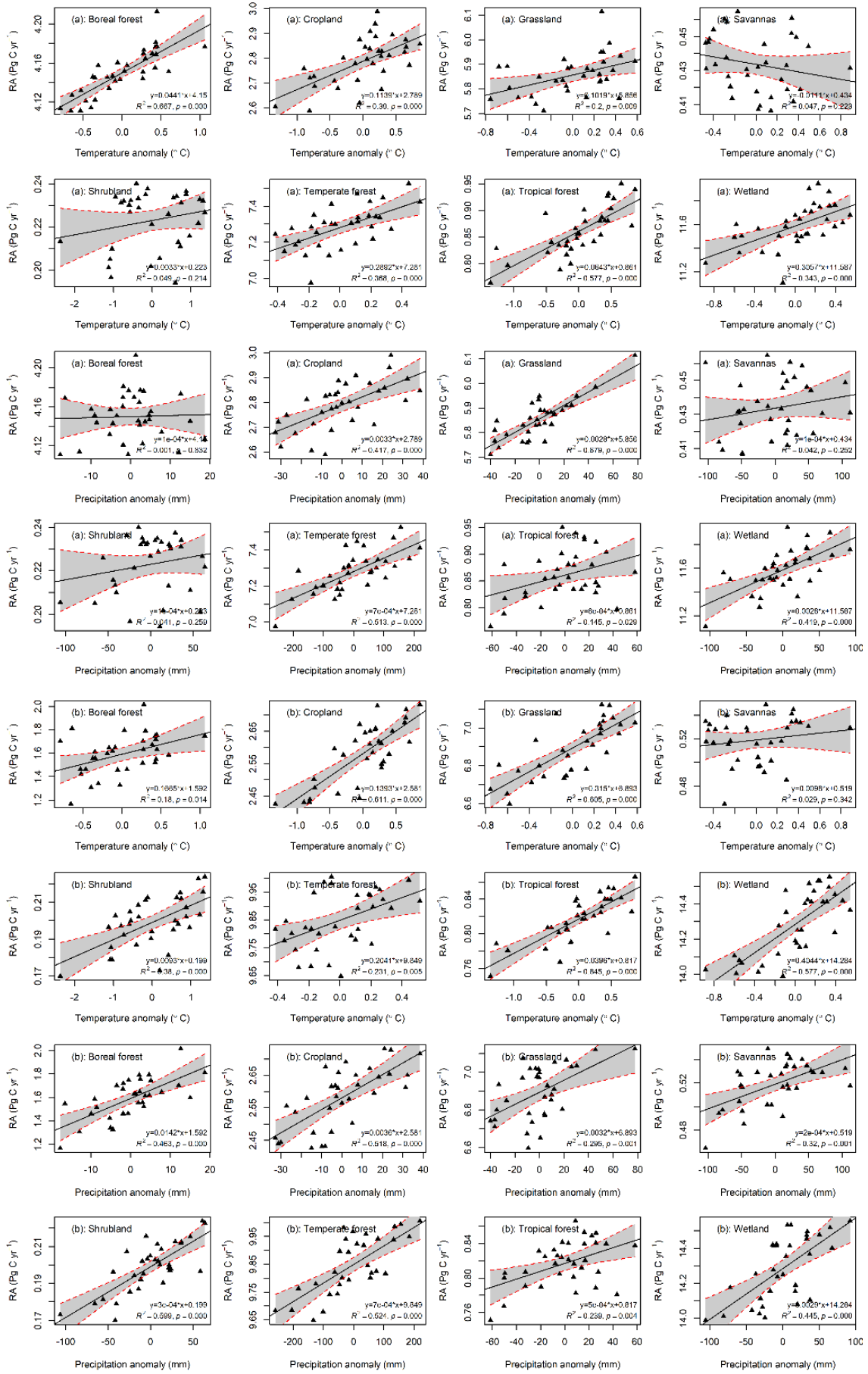


Fig. S5. The relationships between total belowground autotrophic respiration (RA) and temperature/precipitation anomaly for RF-RA (a) and Hashimoto2015-RA (b) for eight biomes

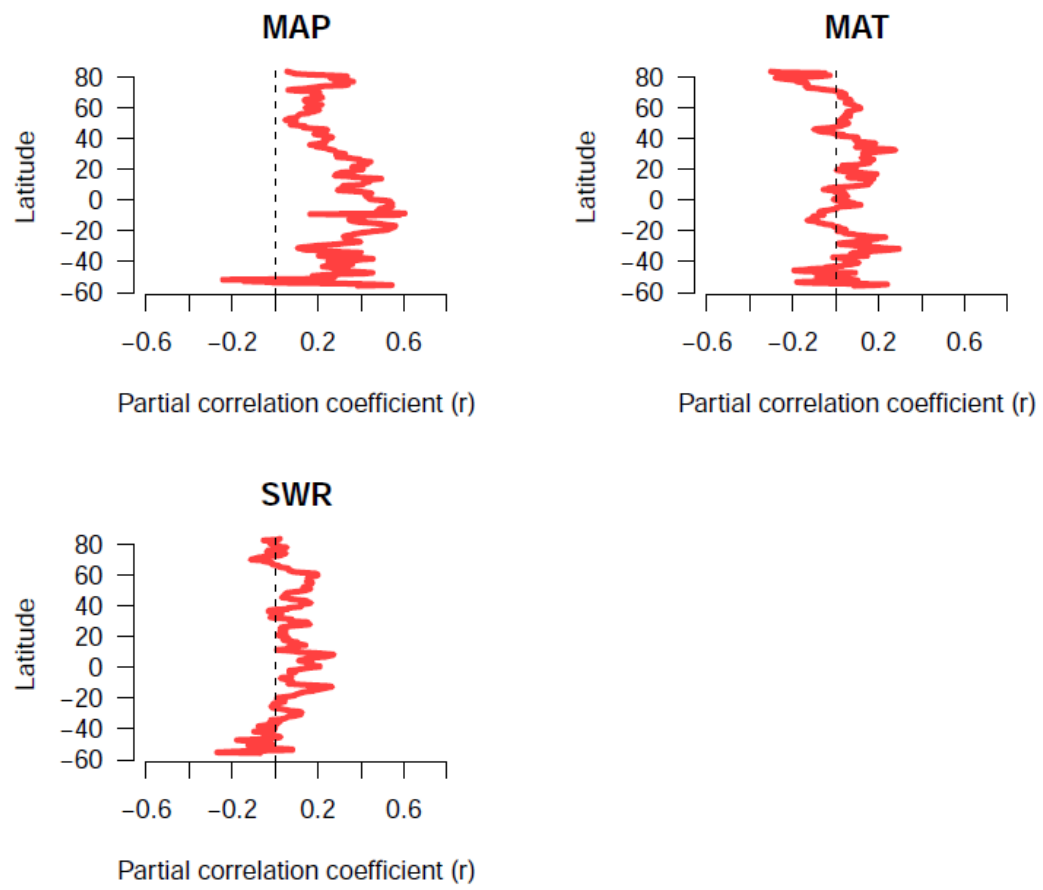


Fig. S6. Latitudinal patterns of partial correlation coefficient between RF-RA and mean annual temperature (MAT), mean annual precipitation (MAP) and shortwave radiation (SWR).