Supplementary Information to "Reliability Ensemble Averaging of 21st century projections of terrestrial net primary productivity" by Exbrayat et al. Fig S1: Δ NPP for each model Fig S2: mean annual NPP in each observational dataset Fig S3: variability in each observational dataset Fig S4-12: weights Ri, R_{B,i} and R_{D,i} assigned to each model for each REA_C, REA_F and REA_M

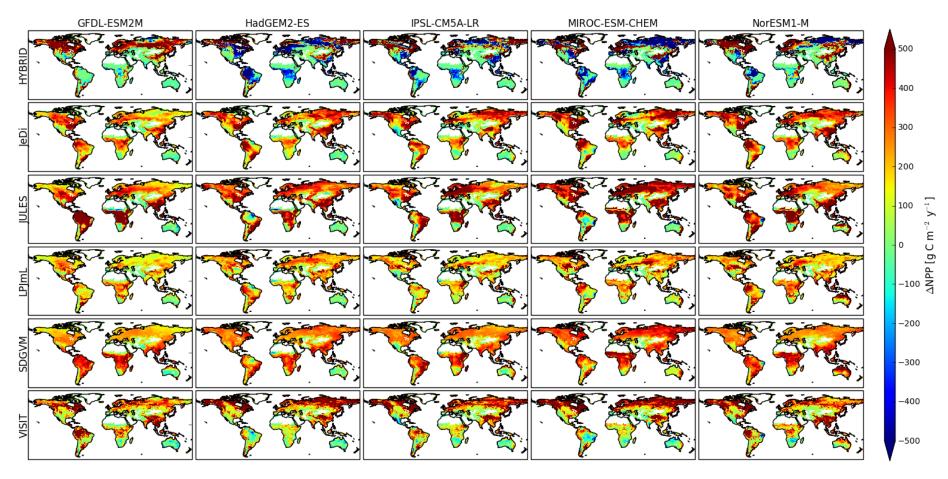


Figure S1. Mean annual change in NPP (g C m^{-2} y^{-1}) for each ensemble members.

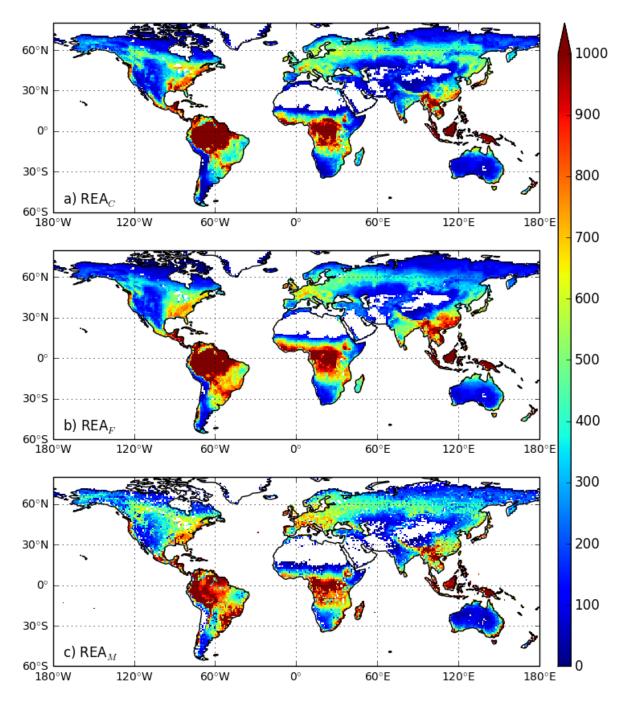


Figure S2. Mean annual NPP (g C m^{-2} y^{-1}) used in (a) REA_C, (b) REA_F and (c) REA_M.

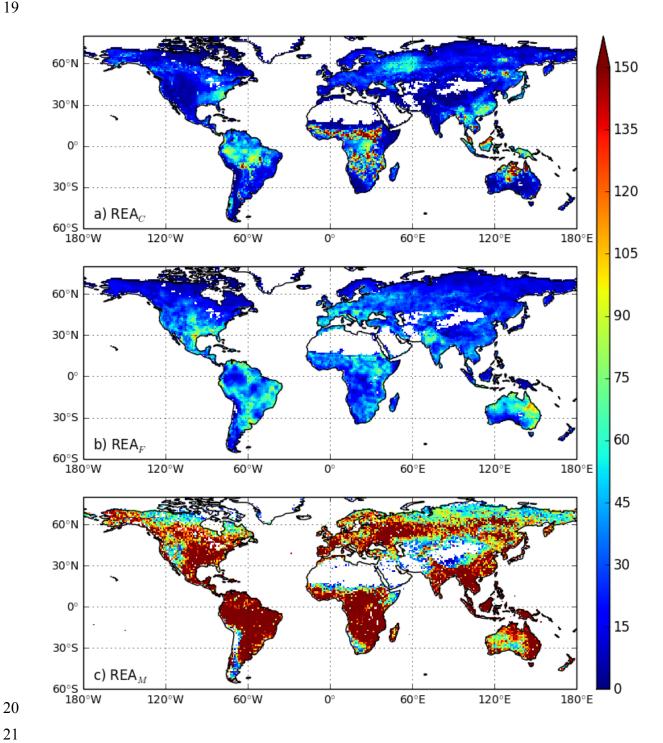


Figure S3. Variability of annual NPP (g C m⁻² y⁻¹) used as ε (equation 1) in (a) REA_C, (b) REA_F and (c) REA_M.

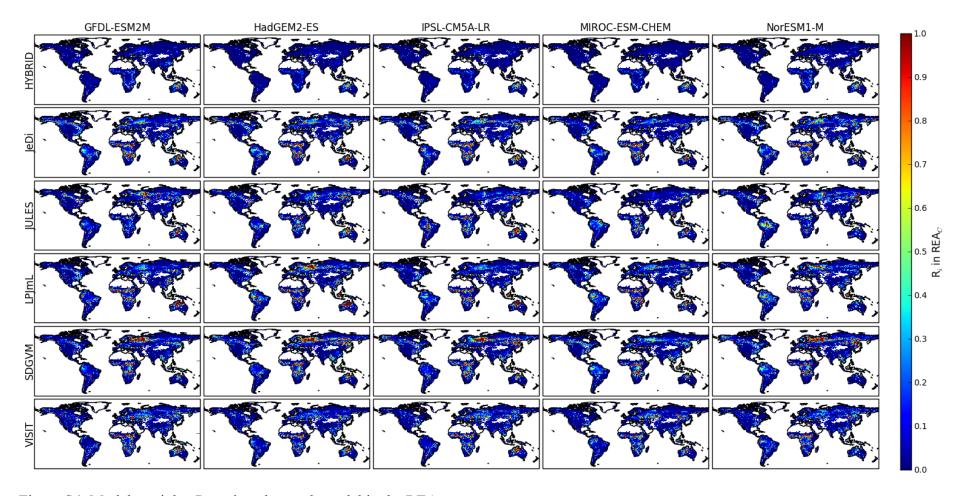


Figure S4. Models weights R_i assigned to each model in the REA_C.

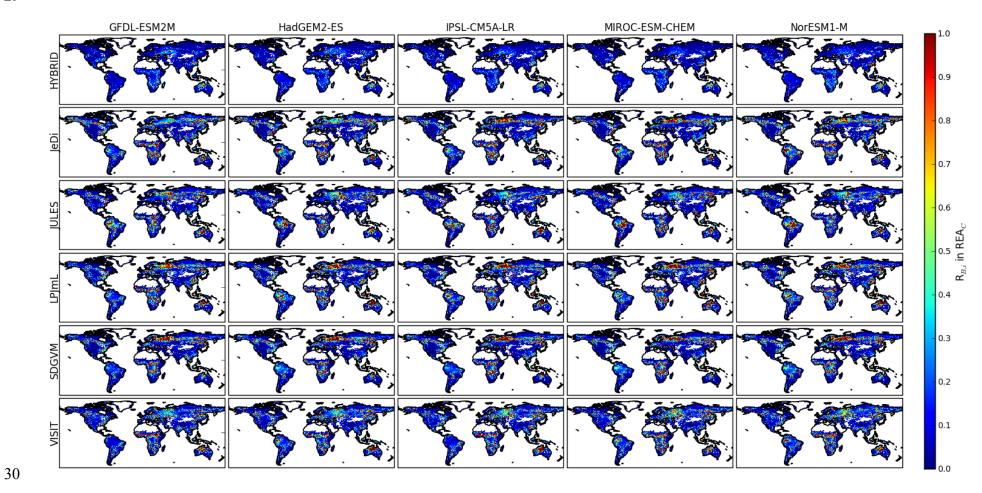


Figure S5. Performance based model weight R_{B,i} assigned to each model in REA_C.

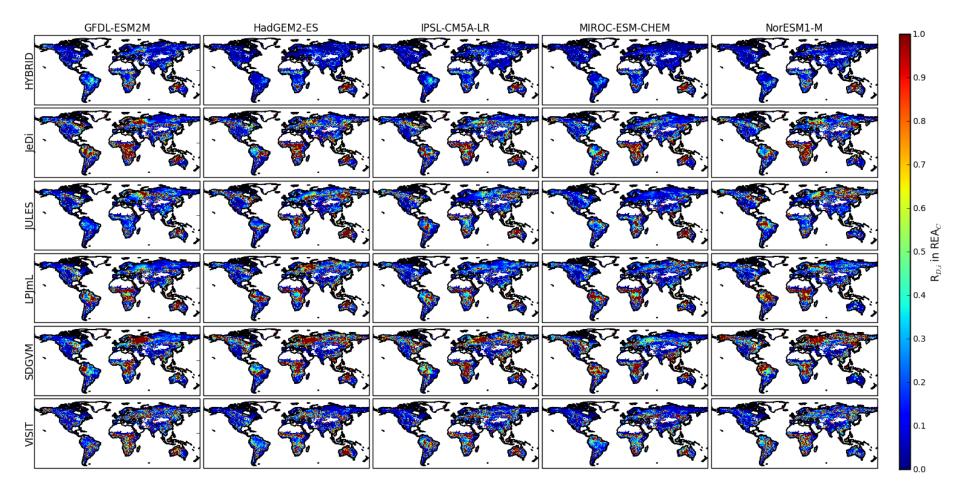


Figure S6. Convergence based weight $R_{D,i}$ assigned to each model in REA_C.

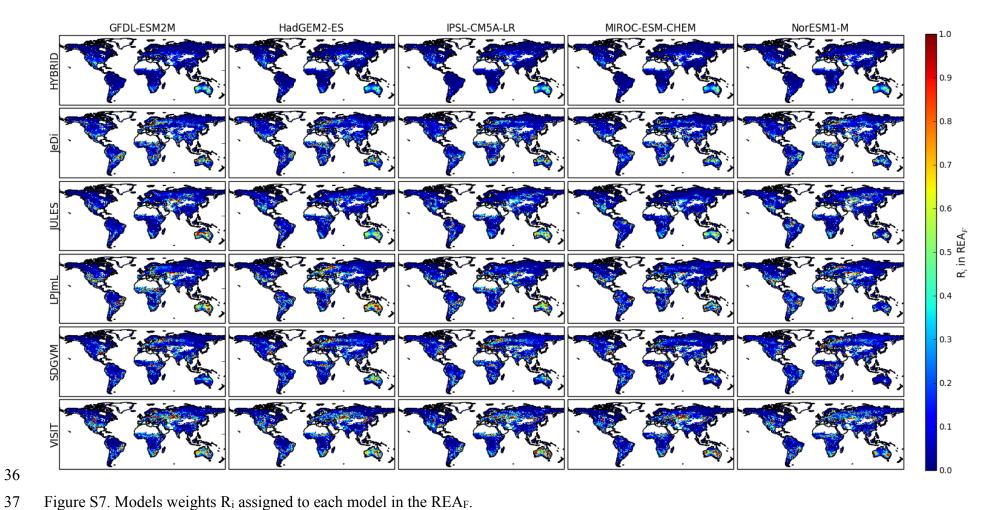


Figure S7. Models weights R_i assigned to each model in the REA_F.

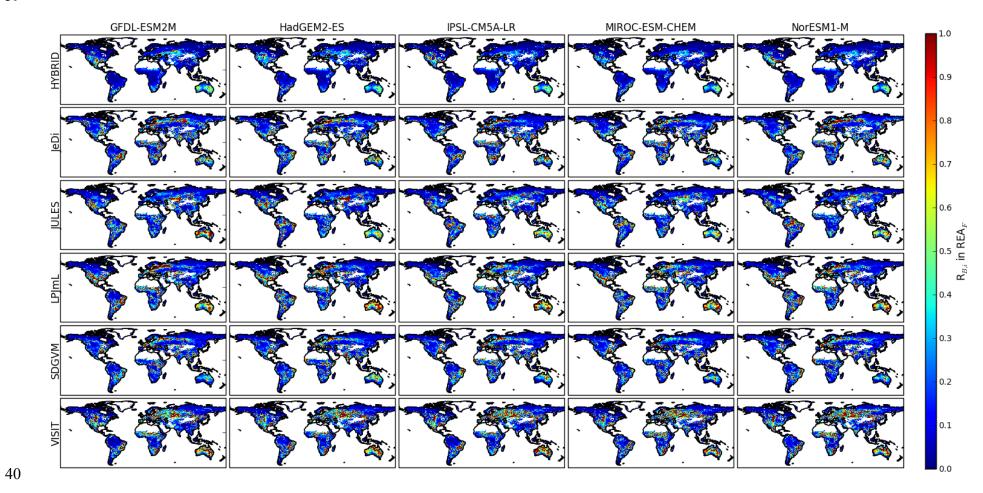


Figure S8. Performance based model weight R_{B,i} assigned to each model in REA_F.

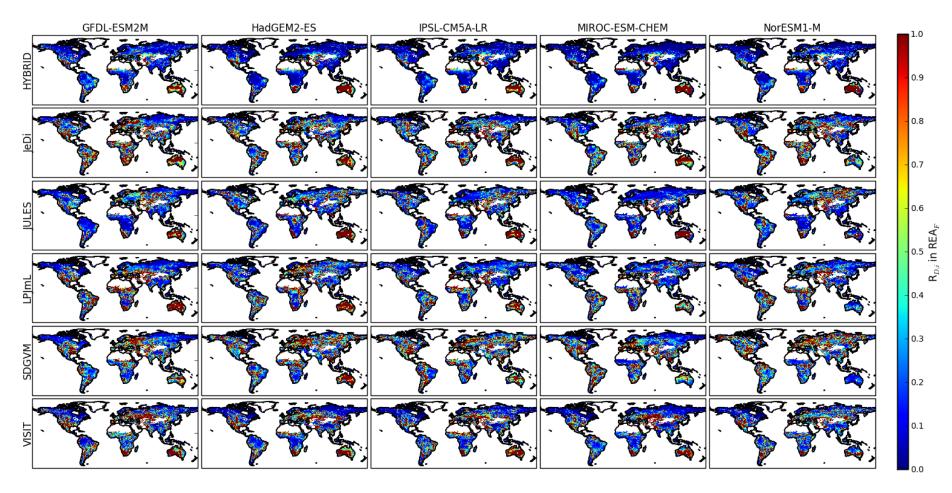


Figure S9. Convergence based weight $R_{D,i}$ assigned to each model in REA_F.

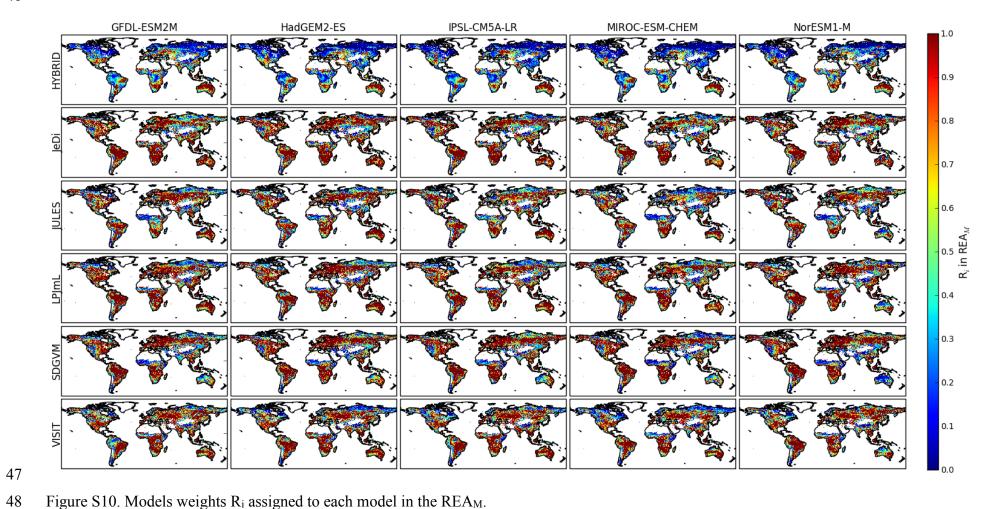


Figure S10. Models weights R_{i} assigned to each model in the REA_M.

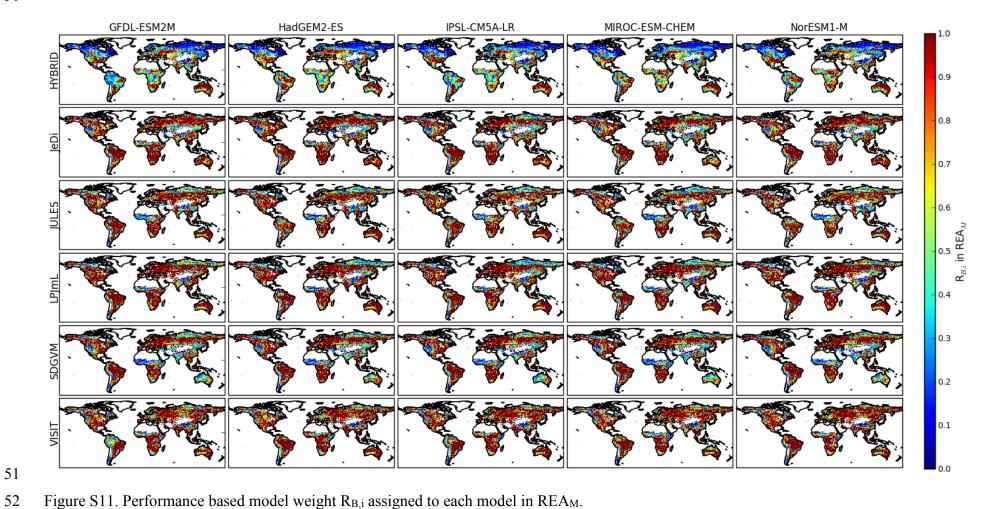


Figure S11. Performance based model weight R_{B,i} assigned to each model in REA_M.

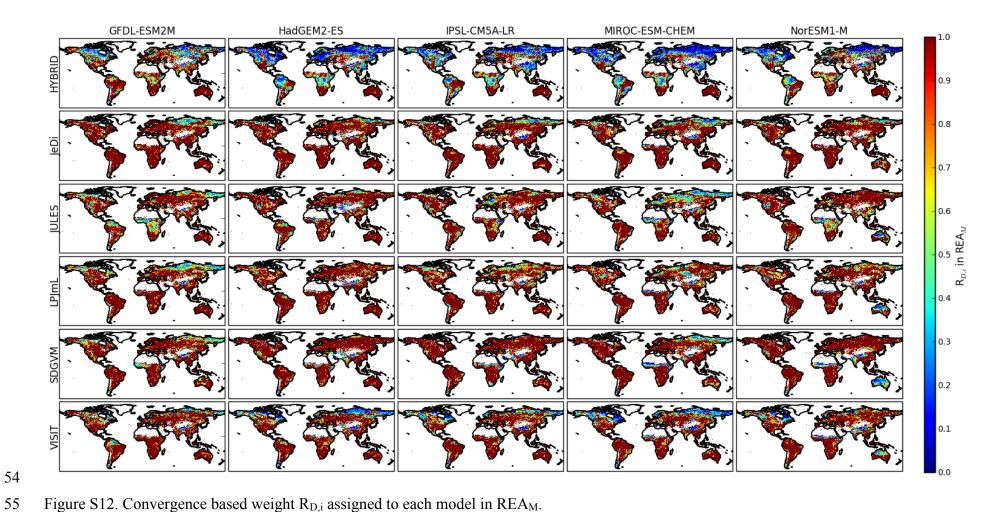


Figure S12. Convergence based weight $R_{D,i}$ assigned to each model in REA_M.