Earth System
Science
Data

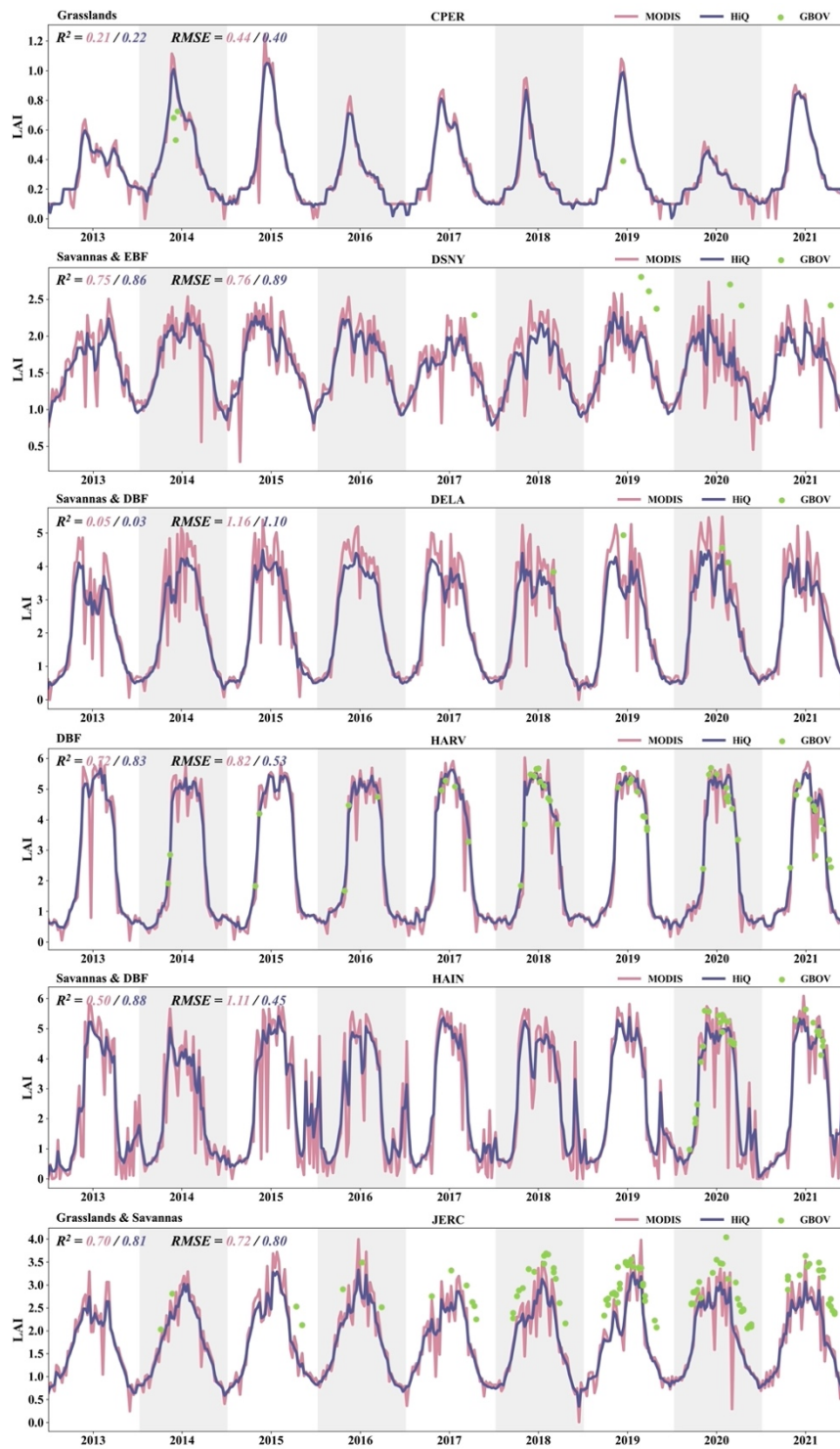Open Access

Supplement of

HiQ-LAI: a high-quality reprocessed MODIS leaf area index dataset with better spatiotemporal consistency from 2000 to 2022
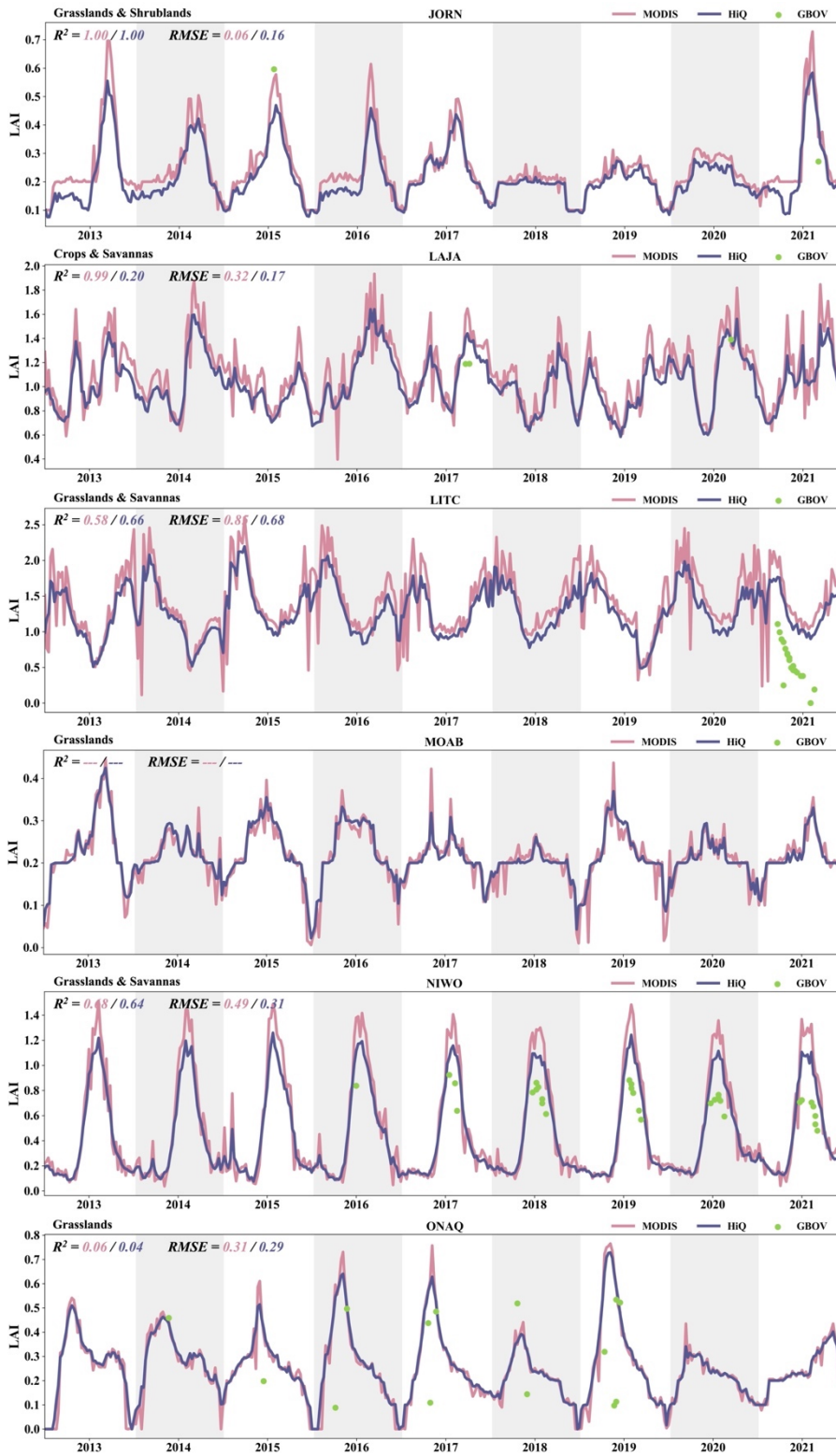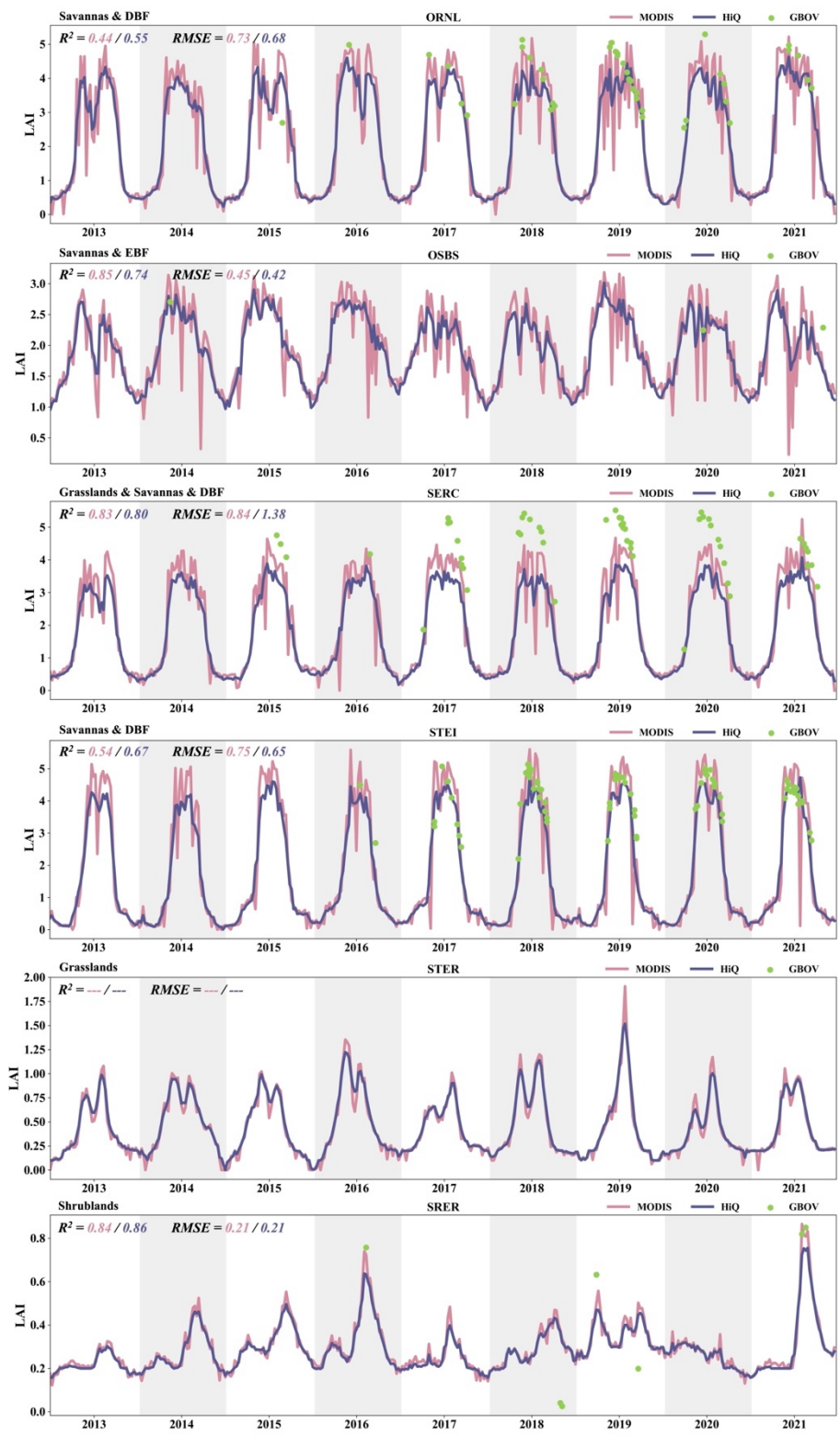
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Supplementary.

JORN — Grasslands & Shrublands
$R^2 = 1.00 / 1.00$ $RMSE = 0.06 / 0.16$

LAJA — Crops & Savannas
$R^2 = 0.99 / 0.20$ $RMSE = 0.32 / 0.17$

LITC — Grasslands & Savannas
$R^2 = 0.58 / 0.66$ $RMSE = 0.85 / 0.68$

MOAB — Grasslands
$R^2 = --- / ---$ $RMSE = --- / ---$

NIWO — Grasslands & Savannas
$R^2 = 0.48 / 0.64$ $RMSE = 0.49 / 0.31$

ONAQ — Grasslands
$R^2 = 0.06 / 0.04$ $RMSE = 0.31 / 0.29$

Legend: MODIS, HiQ, GBOV

Savannas & DBF   ORNL   — MODIS — HiQ ● GBOV
R^2 = 0.44 / 0.55   *RMSE = 0.73 / 0.68*

Savannas & EBF   OSBS   — MODIS — HiQ ● GBOV
R^2 = 0.85 / 0.74   *RMSE = 0.45 / 0.42*

Grasslands & Savannas & DBF   SERC   — MODIS — HiQ ● GBOV
R^2 = 0.83 / 0.80   *RMSE = 0.84 / 1.38*

Savannas & DBF   STEI   — MODIS — HiQ ● GBOV
R^2 = 0.54 / 0.67   *RMSE = 0.75 / 0.65*

Grasslands   STER   — MODIS — HiQ ● GBOV
R^2 = --- / ---   *RMSE = --- / ---*

Shrublands   SRER   — MODIS — HiQ ● GBOV
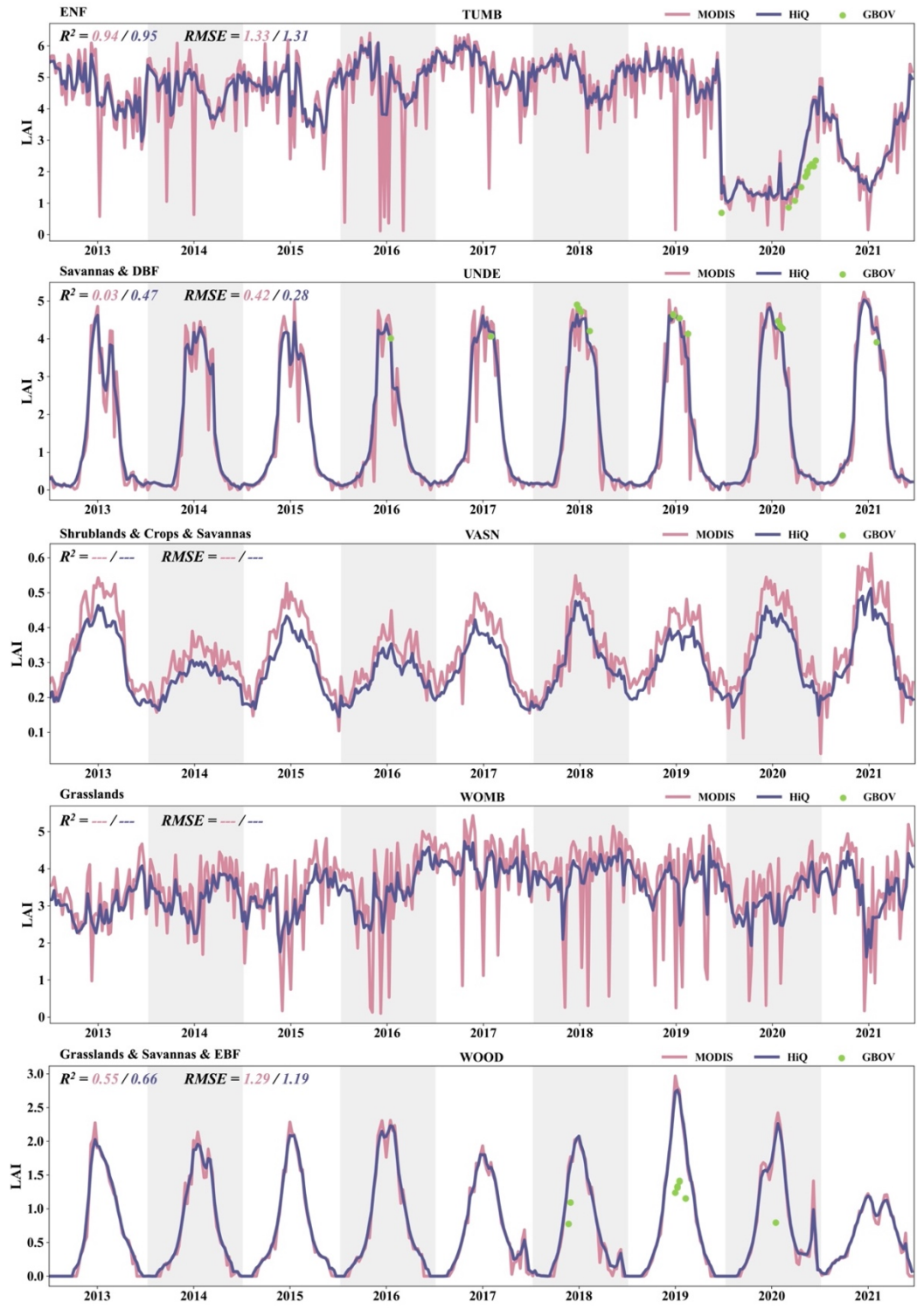*R^2 = 0.84 / 0.86*   *RMSE = 0.21 / 0.21*

Figure S1 Same as Fig. 5 but for other 25 sites.