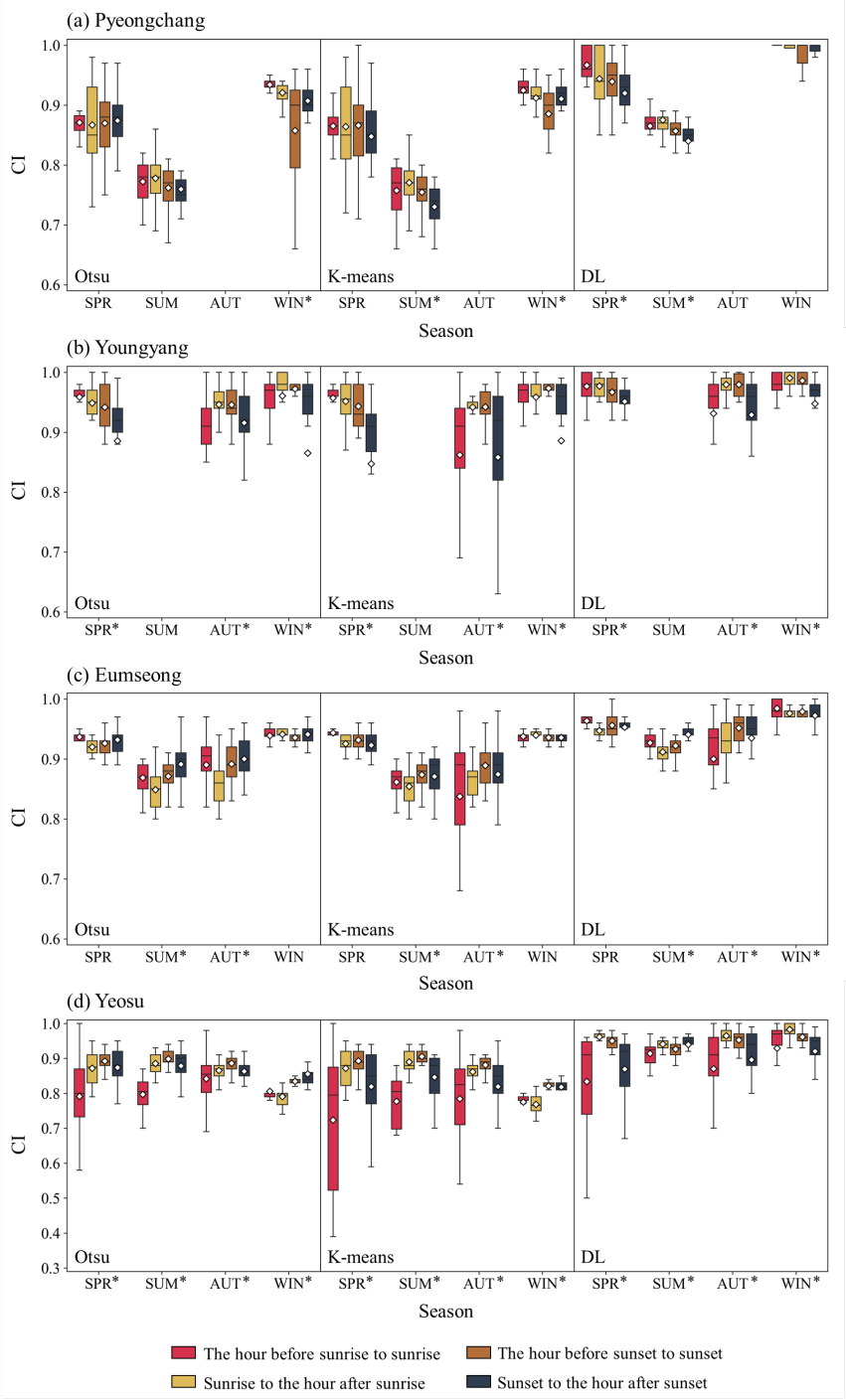
Supplementary Materials

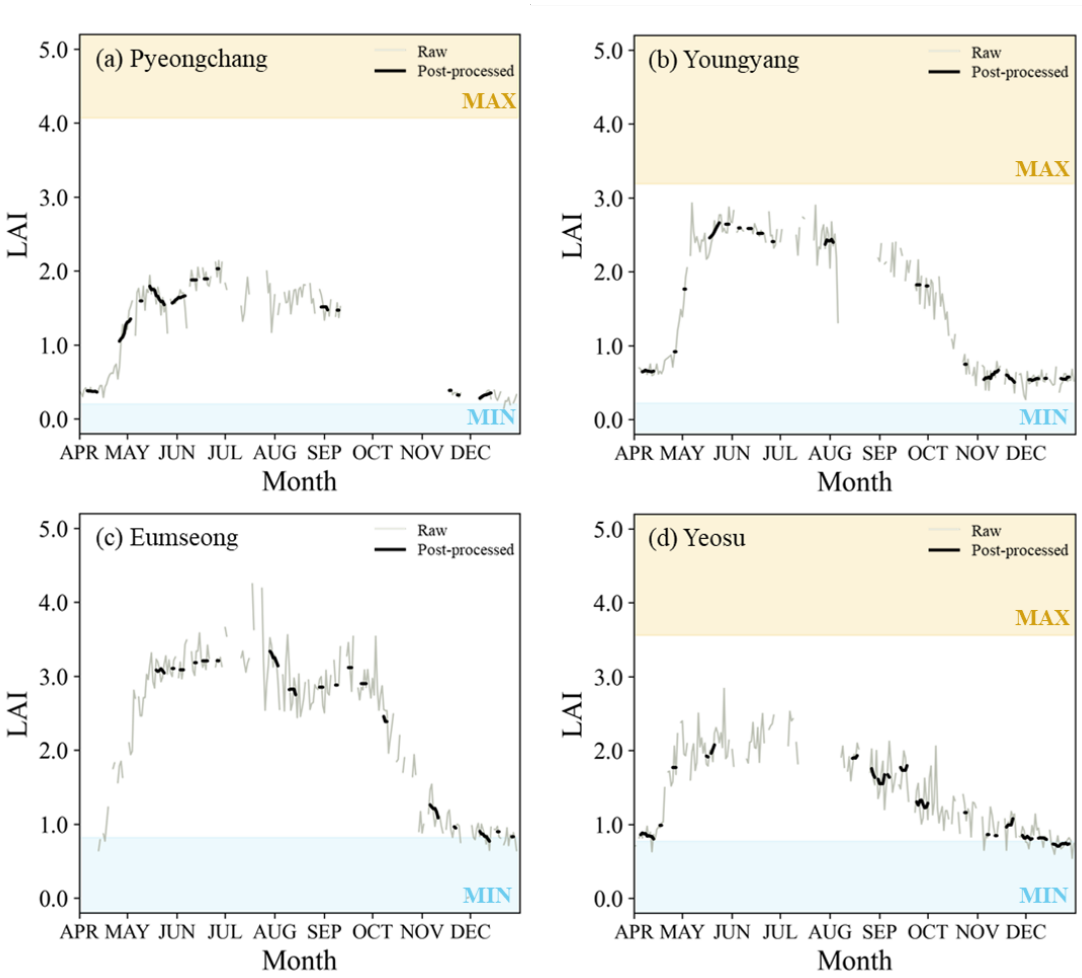
[Contents]

Supplementary Figure 1. Seasonal boxplots of clumping index (CI) estimated from different image acquisition times across four sites: (a) Pyeongchang, (b) Youngyang, (c) Eumseong, and (d) Yeosu. Statistical significance is indicated by an asterisk next to the x-axis labels when the p-value is less than 0.05. Missing data points indicate locations where data could not be acquired due to power supply issues.

Supplementary Figure 2. Comparison between unfiltered (gray line) and filtered (black line; TF14, see Table 2) daily LAI time series at four sites: (a) Pyeongchang, (b) Youngyang, (c) Eumseong, and (d) Yeosu. Yellow and blue shaded areas indicate manually interpreted maximum and minimum thresholds, respectively (see Table 1). Daily LAI was derived by averaging values obtained the hour after sunrise and the hour before sunset, based on DL-based binarization. DHP images for LAI estimation were collected between April and December 2024.



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