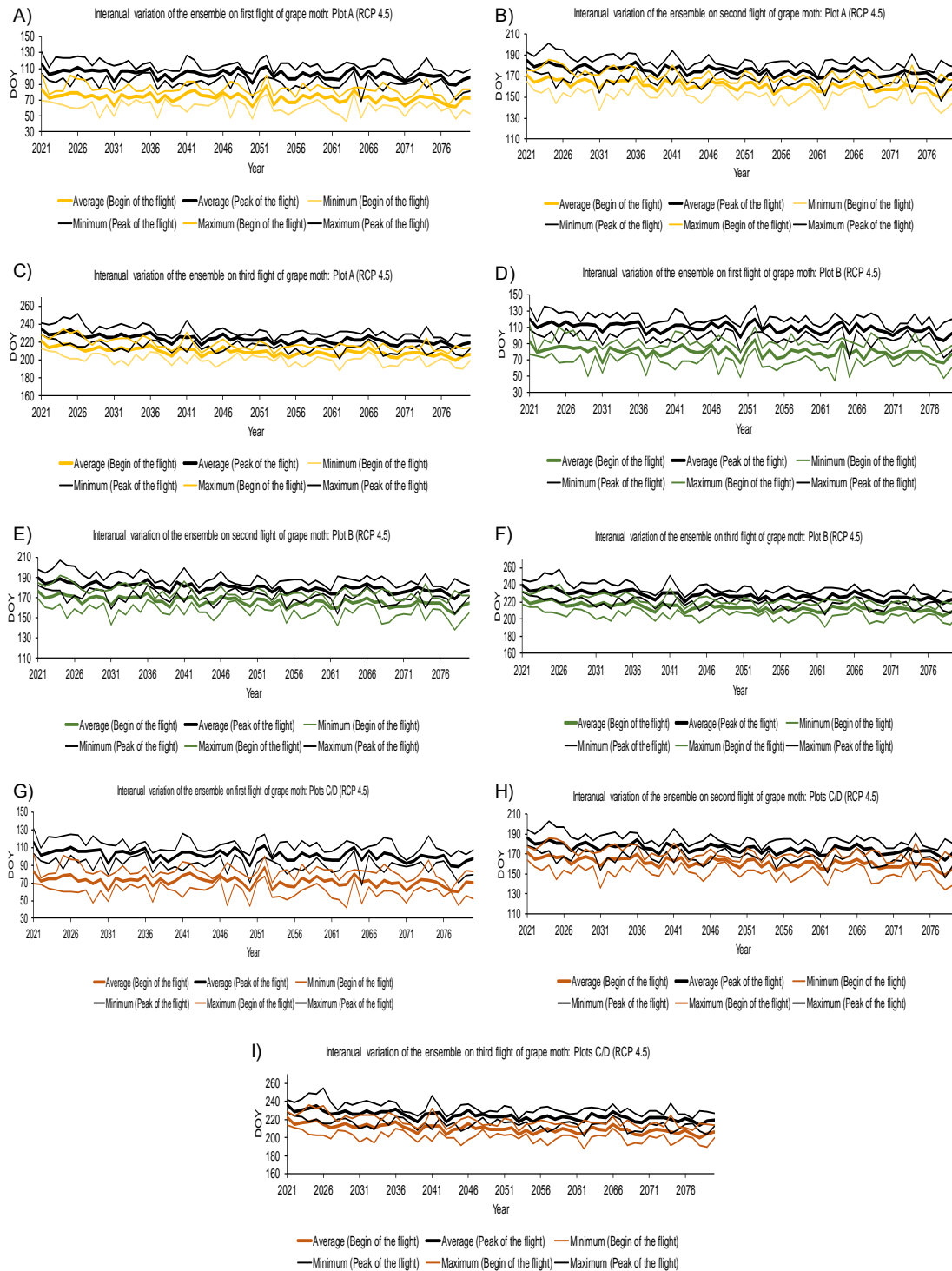
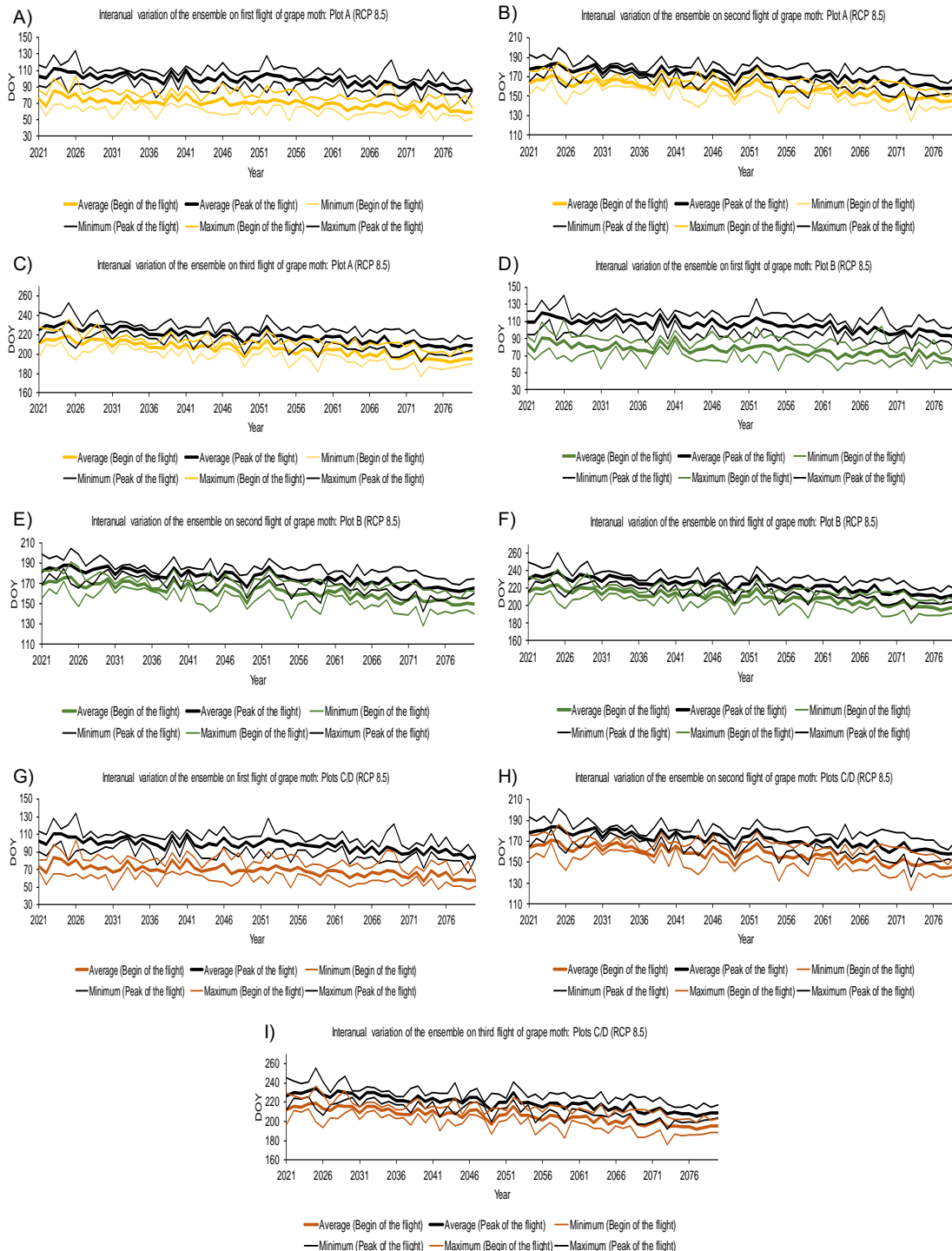


**FIGURE S1.** Box-plot diagrams of the beginning and peak of the LB first, second and third flights for the outlined plots (A, B, C and D) over baseline (2000-2019), the short-term (2021–2040), medium-term (2041–2060) and long-term (2061–2080) periods under RCP8.5. See legend for details. The × represents the average, the solid line within the boxes the median. The box upper (lower) limit corresponds to the third (first) quartile, while the whiskers correspond to the non-outlier extremes. Outliers (black circles) are considered as values above (below) the box upper (lower) limit by a factor of 1.5 IQR (Interquartile Range, i.e. box height).



**FIGURE S2.** Chronograms of the interannual variation of the beginning and peak dates (DOY) of each LB flight (three flights) in the period 2021-2080 at each plot (A, B and C/D) in the RCP4.5 scenario.



**FIGURE S3.** Chronograms of the interannual variation (DOY) of the beginning and peak of each LB flight (three flights) in the period 2021-2080 at each plot (A, B and C/D) in the RCP8.5 scenario.