

Figures

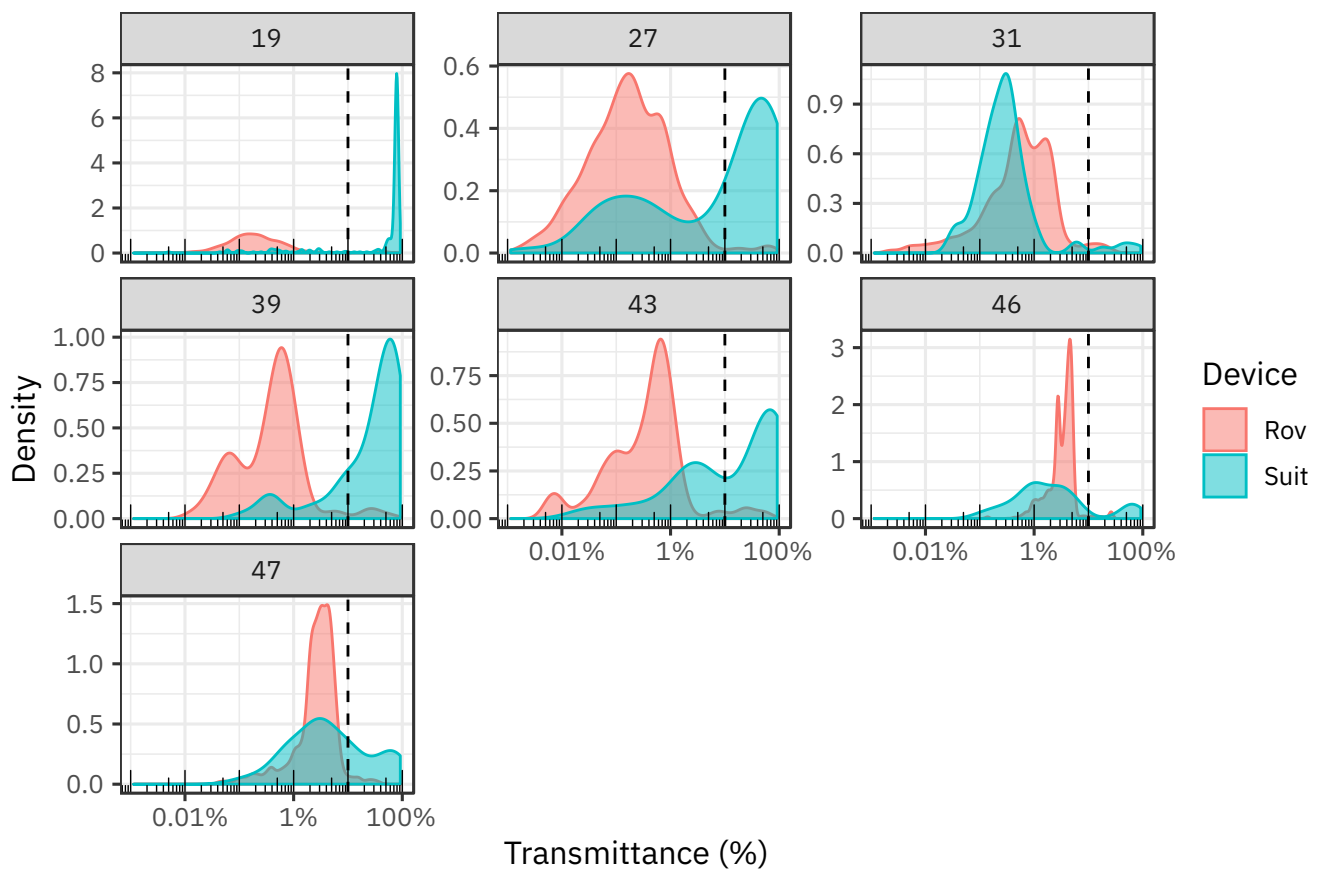


Figure 1: Density plots showing the distribution of transmittance values measured by the ROV and the SUIT devices. Numbers on top of the gray boxes identify the stations. Dashed lines represent the 10% transmittance threshold.

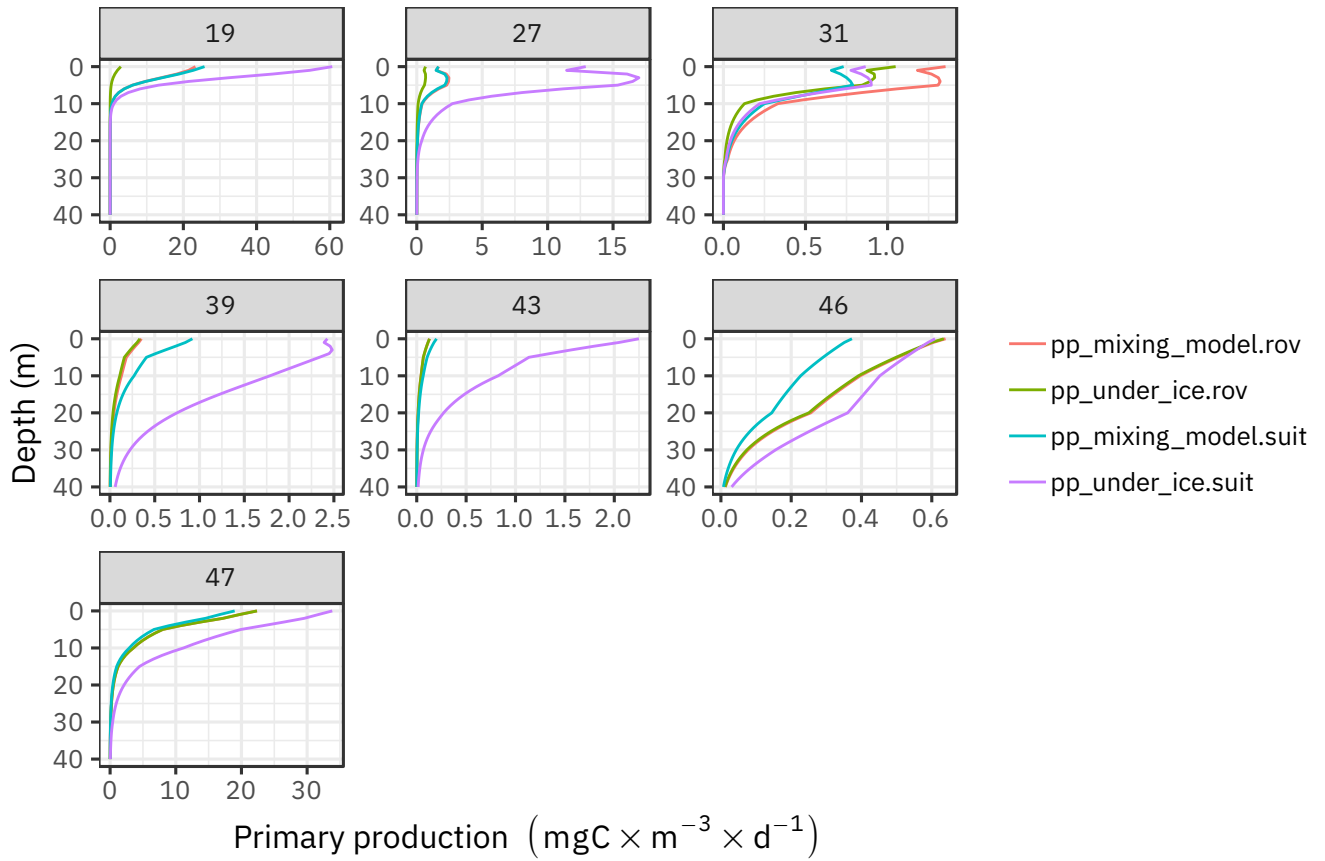


Figure 2: Averaged vertical profiles of daily primary production. For SUIT data, mixing models were calculated using only transmittance ≤ 0.1 whereas the under ice models were calculated using all transmittance data. Note the varying scales among stations.

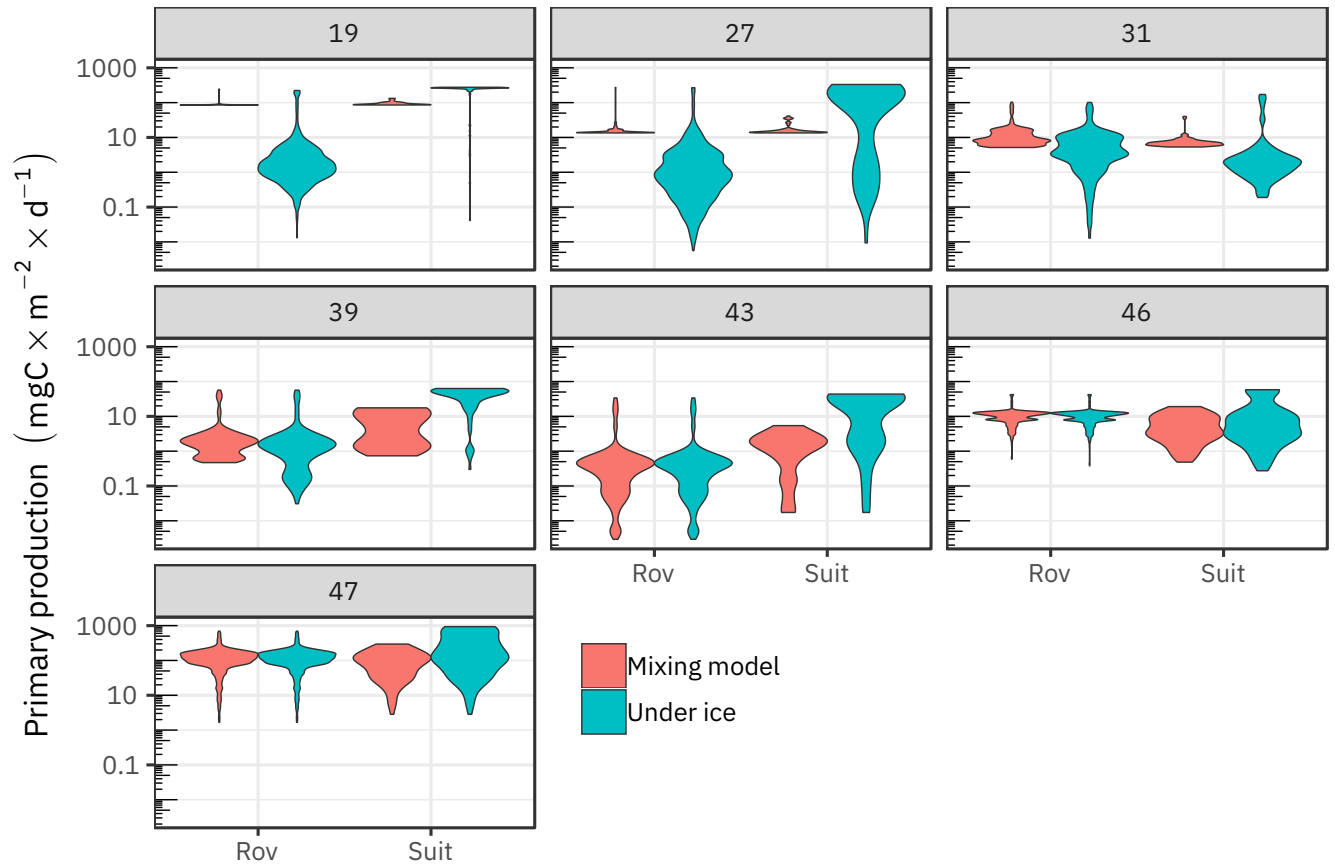


Figure 3: Violin plots of primary production calculated from ROV and SUIT transmittance data. For SUIT data, mixing models were calculated using only transmittance $\leq 10\%$ (see Fig. 1) whereas the under ice models were calculated using all transmittance data.

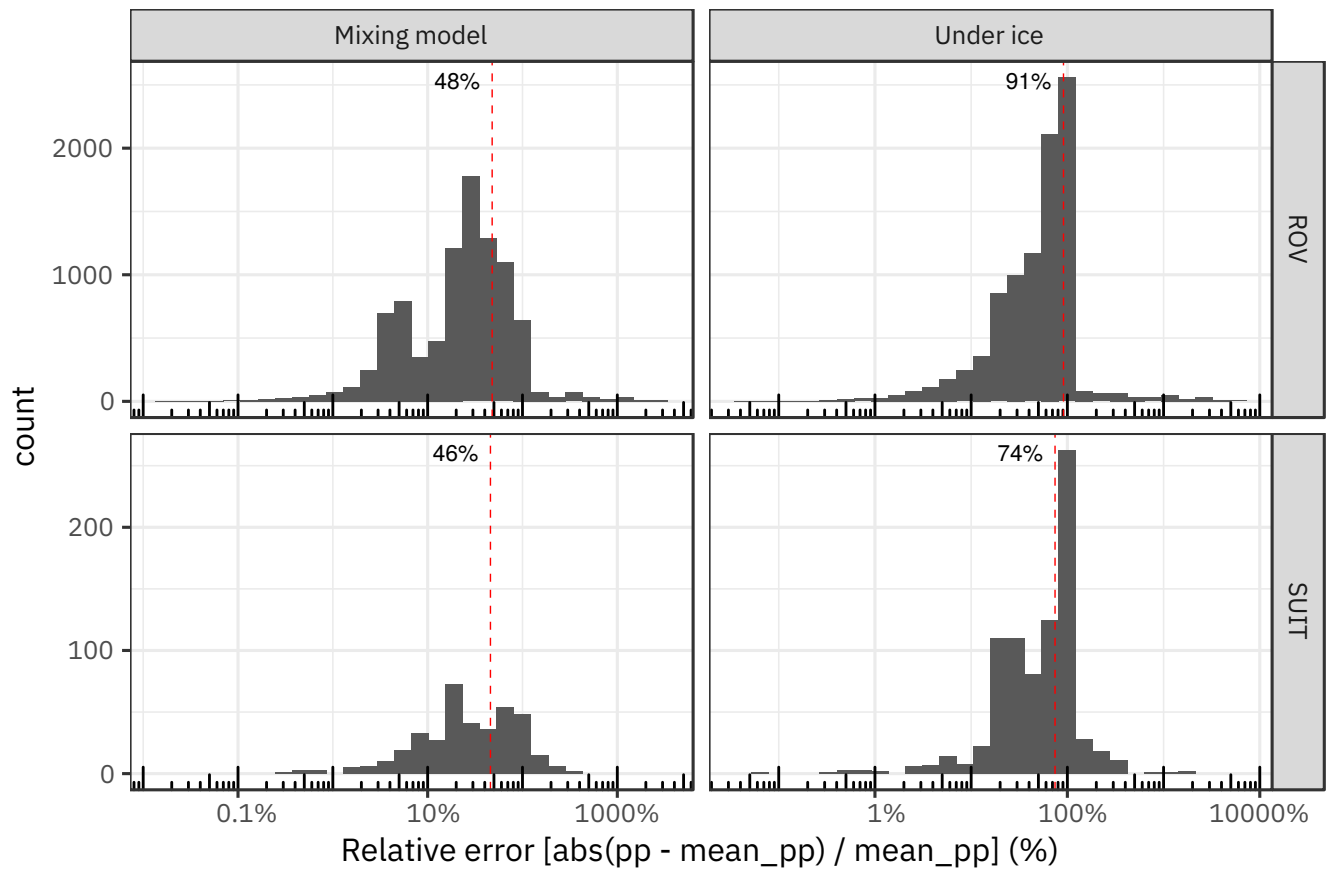


Figure 4: Distribution of the errors corresponding to the absolute deviation of each individual primary estimations from the average. The red dashed lines and the numbers on the left indicate the mean errors.