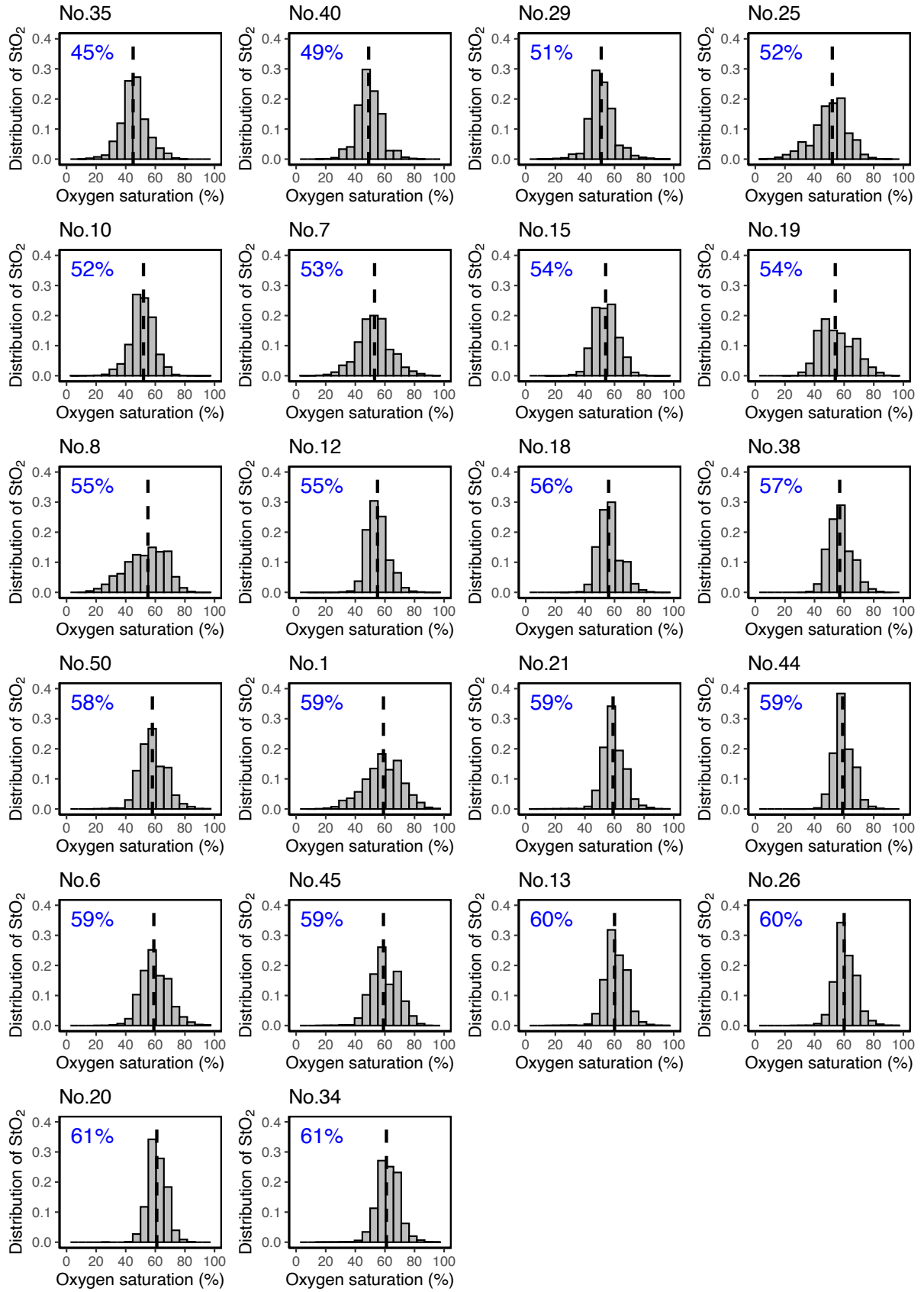
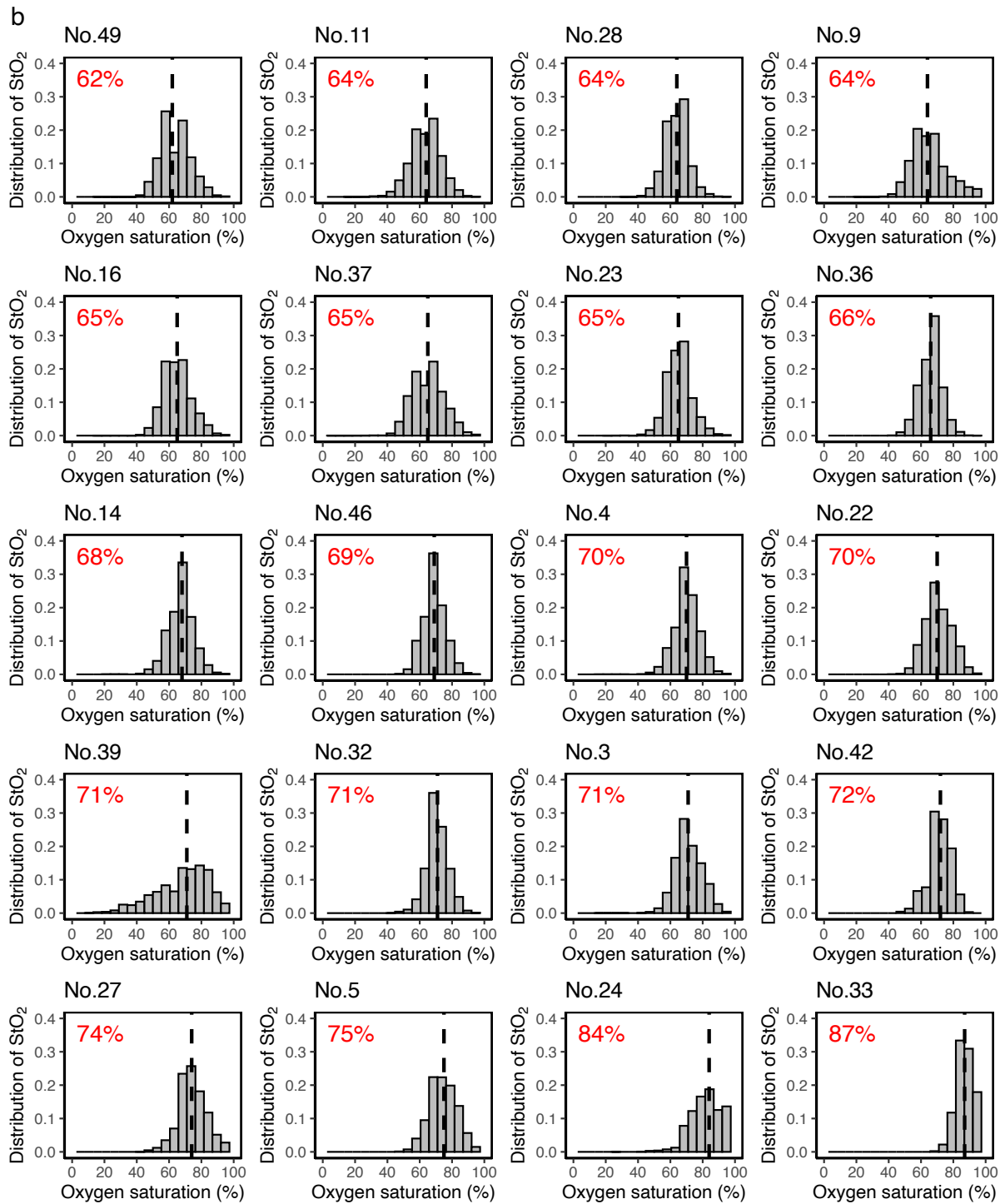
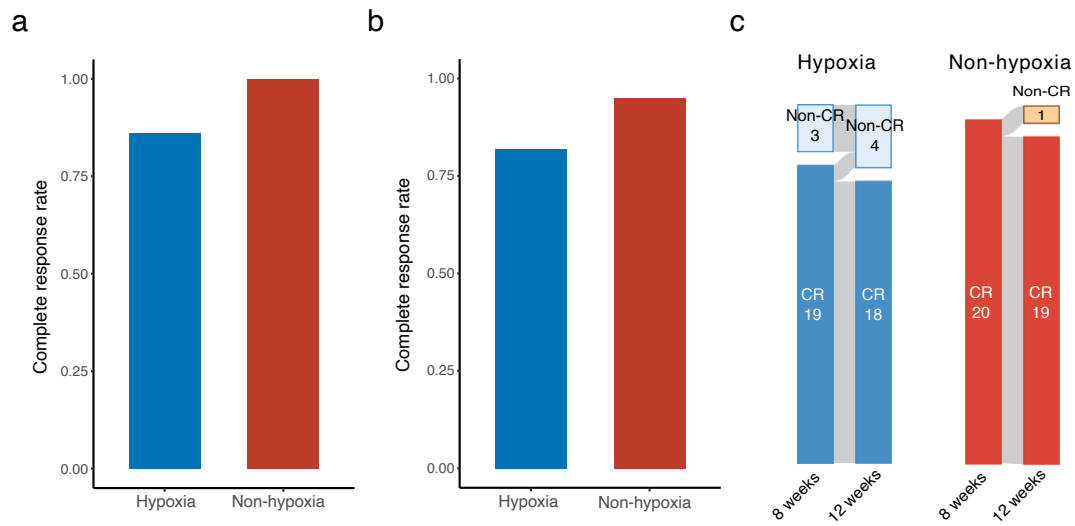


a





Supplementary Figure 1. Histograms representing the distribution of pretreatment tumor StO₂ levels measured by OS imaging in each patient in the hypoxia (StO₂ ≤ 61%, n = 22) and non-hypoxia (StO₂ > 61%, n = 20) groups. **a).** Hypoxia group. **b).** Non-hypoxia group.



Supplementary Figure 2. Complete response (CR) rates at 8 weeks (**a**) and 12 weeks (**b**) after RT completion in the hypoxia and non-hypoxia groups. **c**). Changes in the number of patients showing a CR and non-CR from 8 weeks to 12 weeks after RT completion in each group.