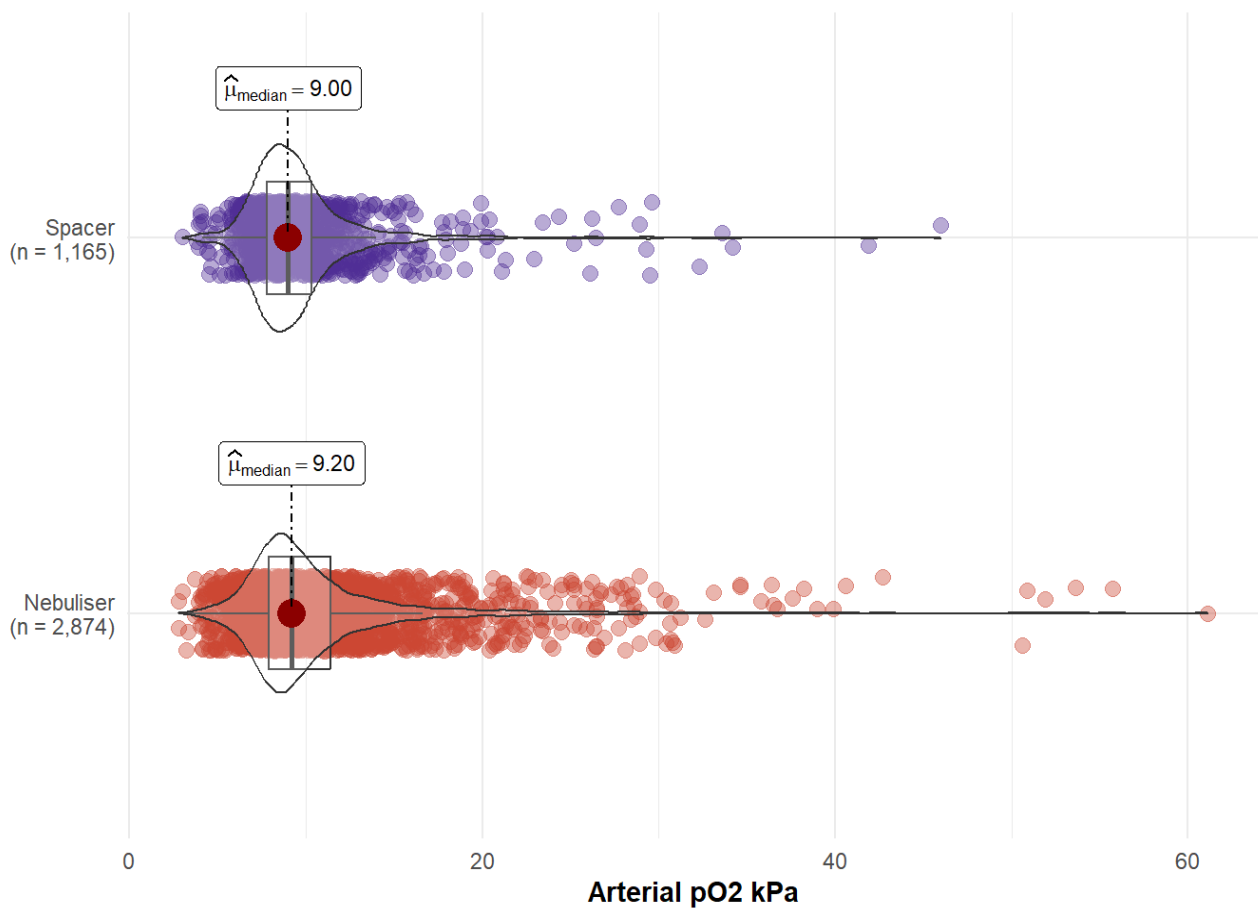


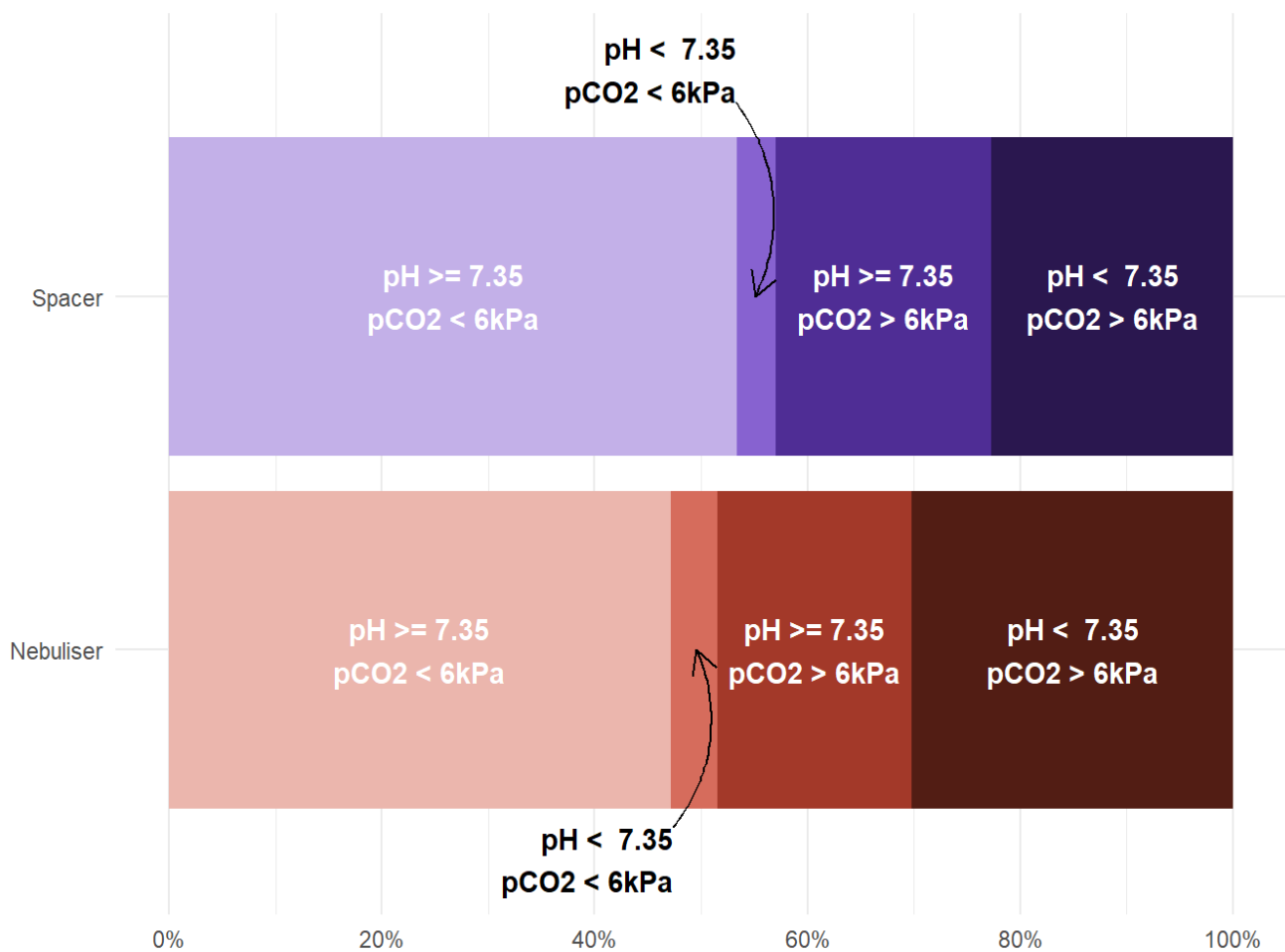
Supplementary: β_2 agonist administration in a prehospital setting: Spacer versus nebuliser.

Sub. figure 1: Boxplot and violin plot of the arterial pO₂ measurement



The violin plot shows distribution and density. Note that in the area below 9 kPa the distribution is similar in both groups.

Sub. figure 2: Arterial pH and pCO2 levels



Percent of patients in different pH and pCO2 groups.

The spacer group fulfilled biochemical criteria for non-invasive ventilation, i.e. PaCO₂ > 6 kPa (45 mmHg) and pH < 7.35, in 23% of cases where an arterial blood gas was collected, the nebuliser group in 30 % of cases, p < 0.001