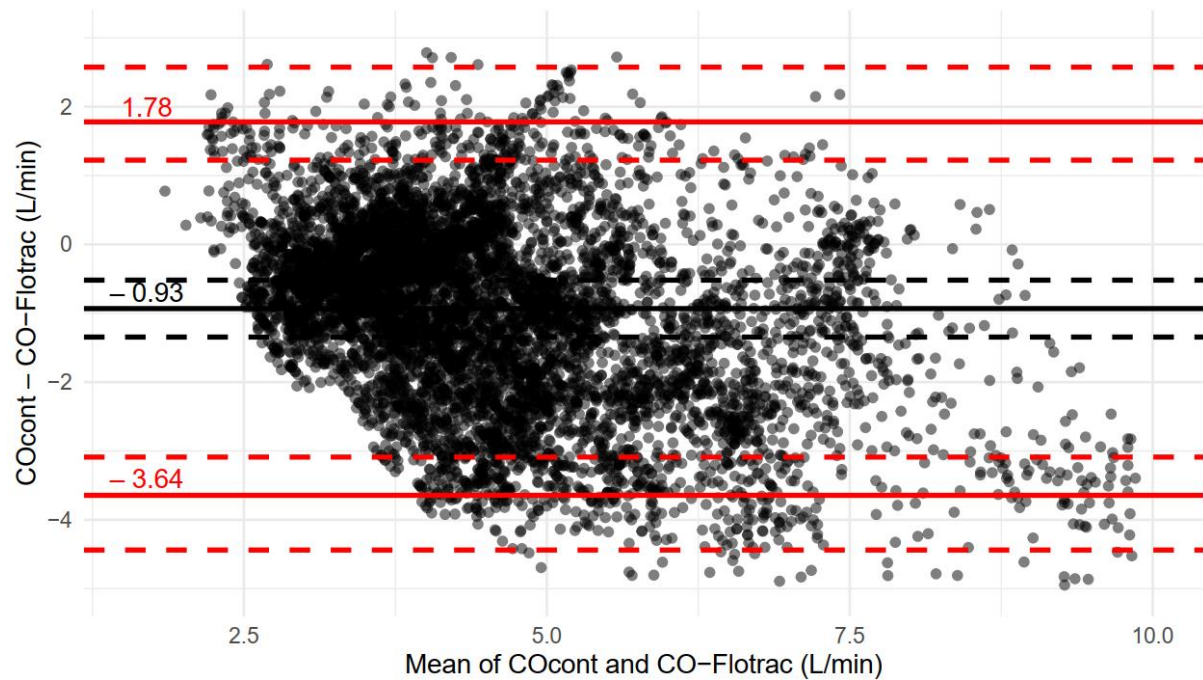


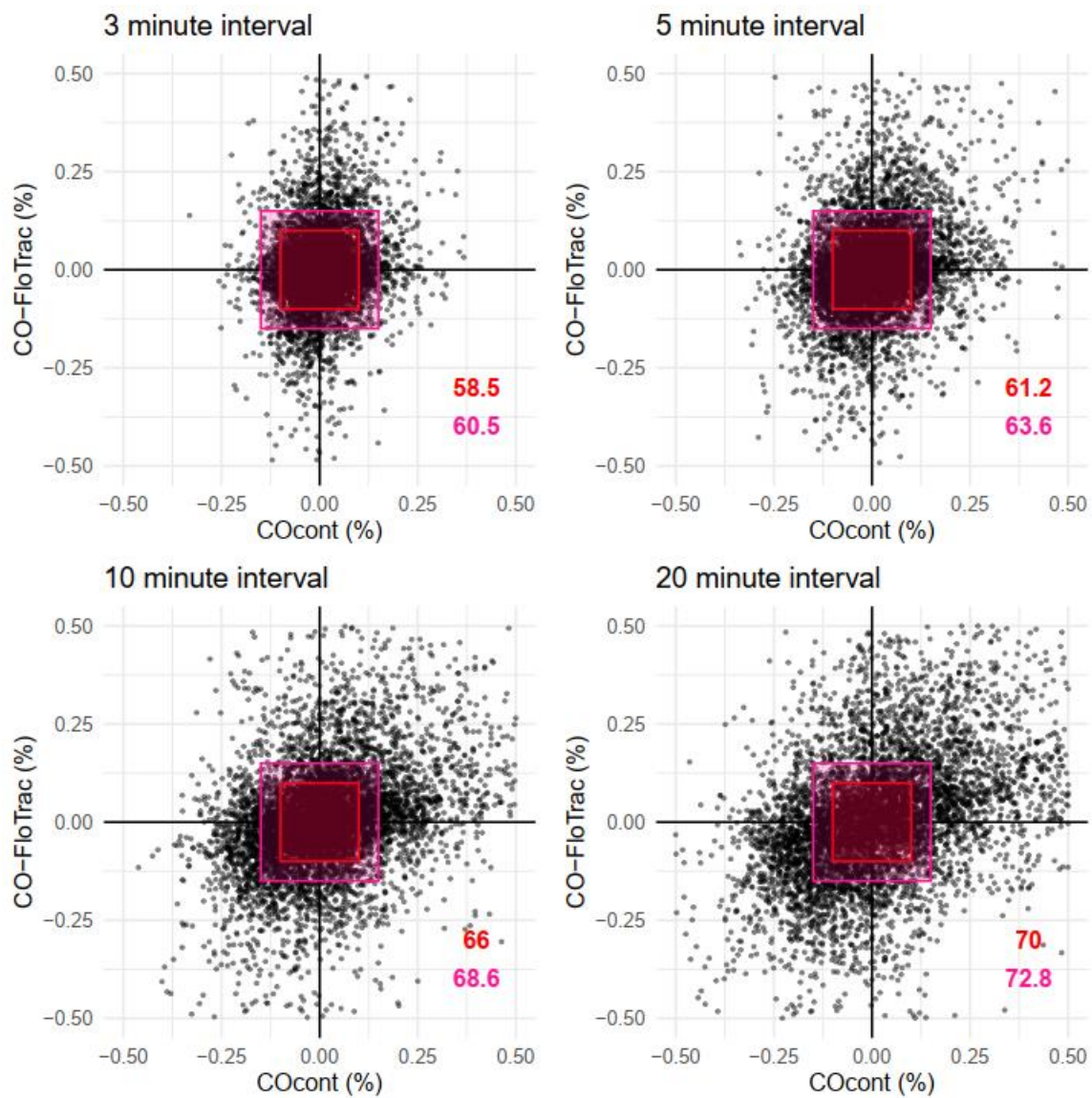
Supplementary File S1. The results of the sensitivity analysis

1. Results from dataset with *six-minute time adjustment*

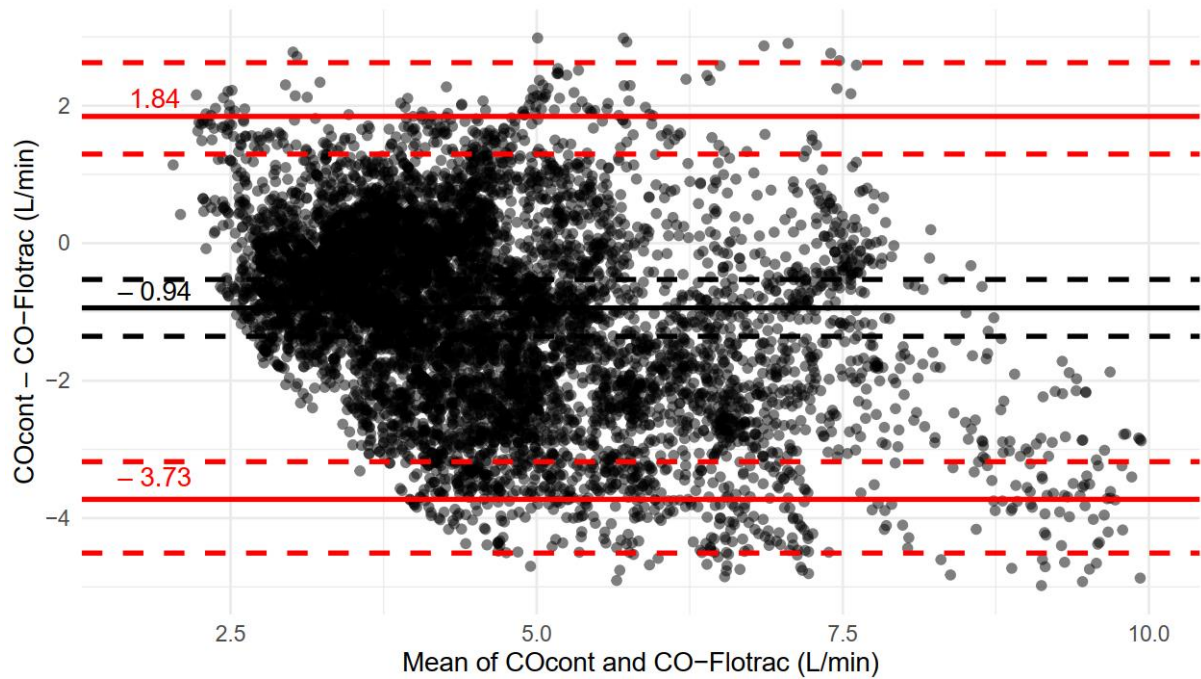


The result of Bland-Altman analysis is shown in the figure above. The mean bias was -0.93 (95% CI, -1.35 to -0.52) L/min and the limits of agreements were -3.64 (95% CI, -4.44 to -3.09) L/min and 1.78 (95% CI, 1.22 to 2.57) L/min. Percentage error was 66.4% (95% CI, 52.8 to 85.8%).

Four-quadrant plots using three- to 20-minutes interval change of CO_{cont} and CO-FloTrac are shown in the figure below. Depending on the time scale and the size of the exclusion zone, concordance rates were ranged from 58.5 to 72.8%.



2. Results from dataset *without time adjustment*



The result of Bland-Altman analysis is shown in the figure above. The mean bias was -0.94 (95% CI, -1.35 to -0.53) L/min and the limits of agreements were -3.73 (95% CI, -4.51 to -3.18) L/min and 1.84 (95% CI, 1.30 to 2.63) L/min. Percentage error was 68.2% (95% CI, 54.8 to 87.3%).

Four-quadrant plots using three- to 20-minutes interval change of CO_{cont} and CO-FloTrac are shown in the figure below. Depending on the time scale and the size of the exclusion zone, concordance rates were ranged from 48.2 to 66.1%.

