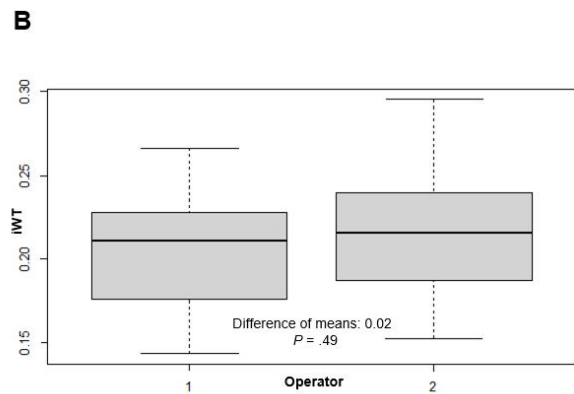
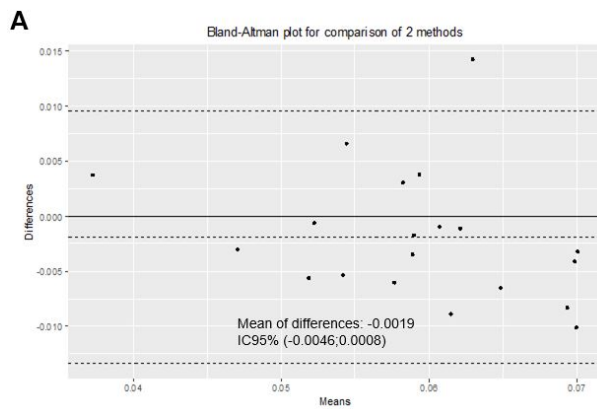
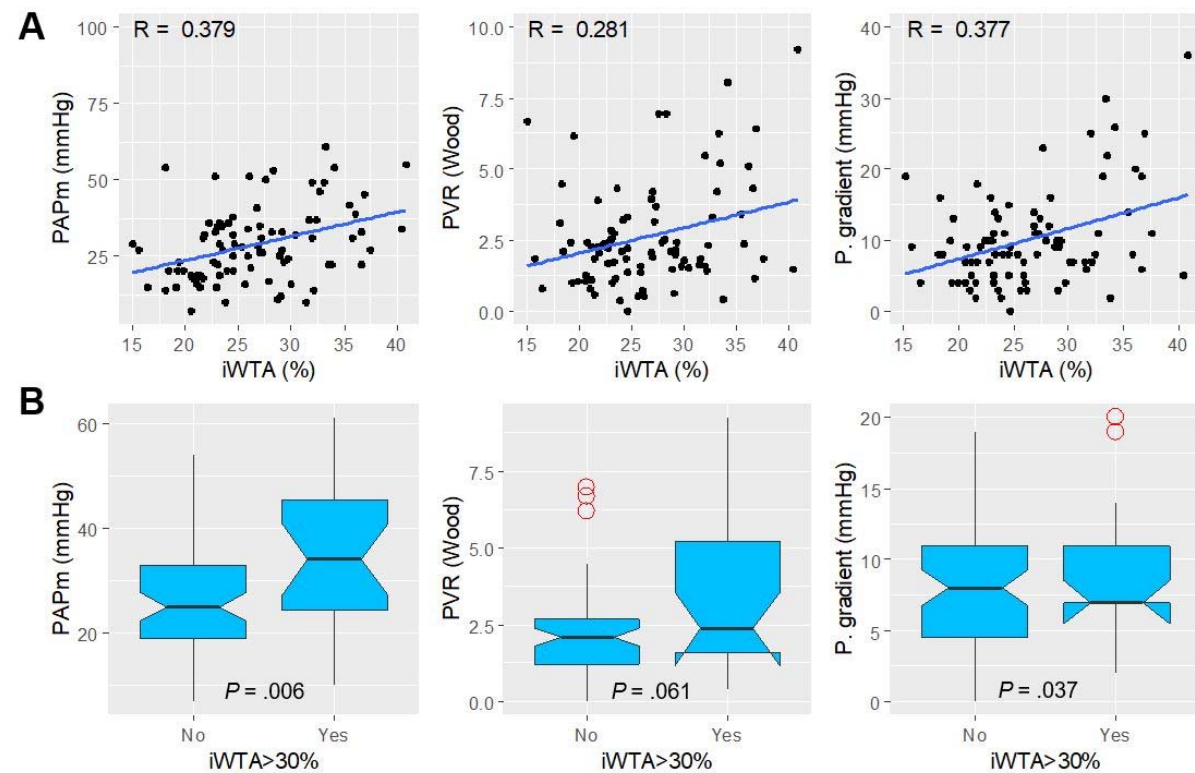


**SUPPLEMENTARY DATA**

**Figure 1 of the supplementary data.** A: Bland-Altman plot showing the results of the concordance analysis. The mean of the differences between the indexed wall thickness (iWT) measured by the two operators is not statistically relevant. B: Boxplot showing the results of the concordance analysis. The difference of the mean indexed wall thickness (iWT) measured by the two operators is not statistically significant.



**Figure 2 of the supplementary data.** Wall thickness area index (iWTA) and its association with hemodynamic parameters. Linear Pearson at the top (A) correlation and box-plot at the bottom (B). mPAP: Mean pulmonary artery pressure. PVR: Pulmonary vascular resistance. TPG: Transpulmonary gradient.



**Figure 3 of the supplementary data.** Receiver operator curve showing the diagnostic ability of wall thickness (WT) and wall thickness area index (iWTA) to discriminate the presence of high PVR through their area under the curve (AUC). PVR: Pulmonary vascular resistance.

