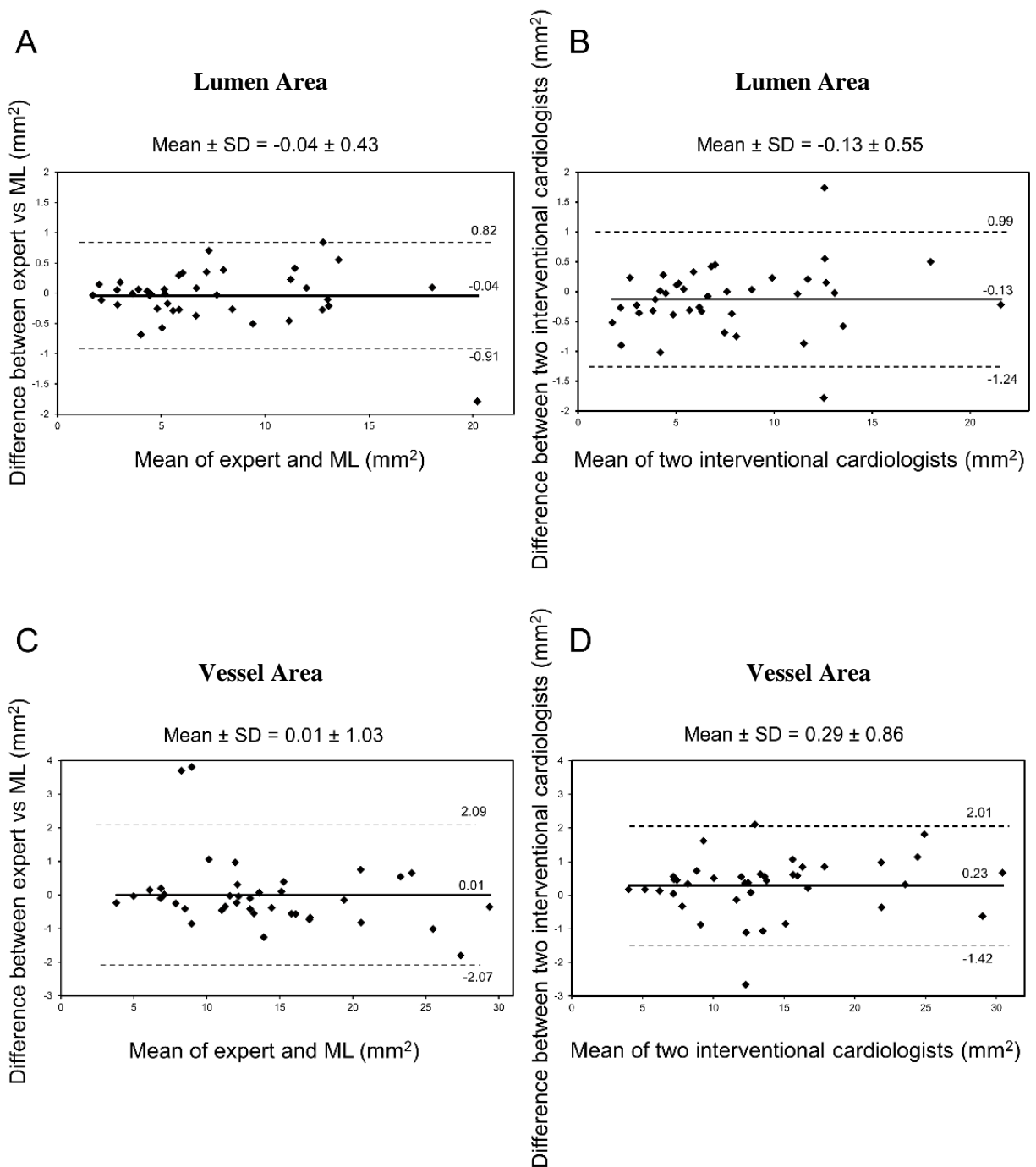
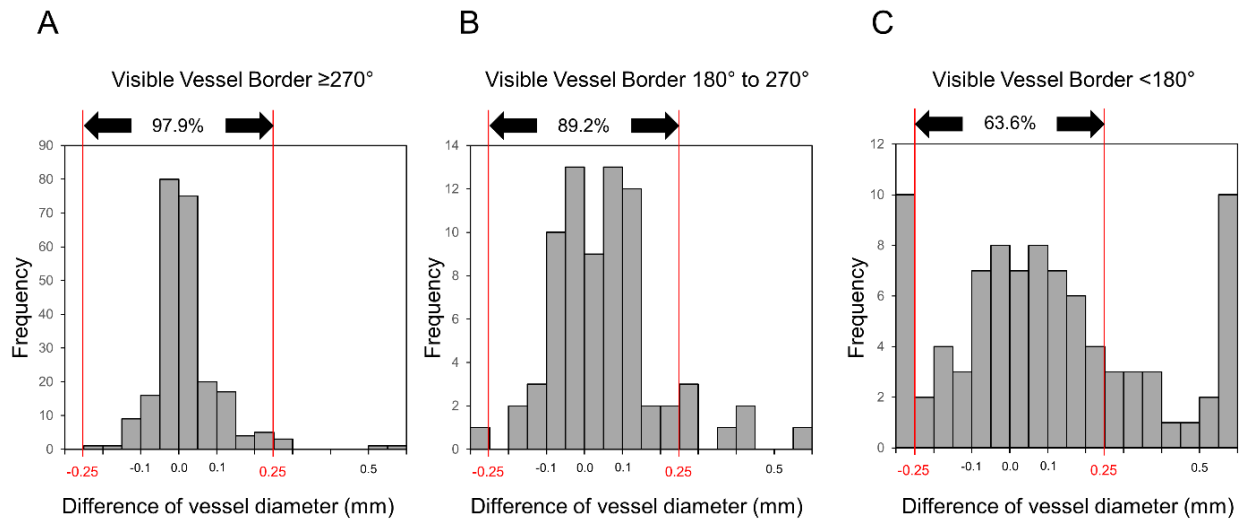


Supplemental Figure 1. Bland-Altman Plot of Lumen and Vessel Areas between Expert Analysis and Machine Learning Model Segmentation, and between Two Cardiologists

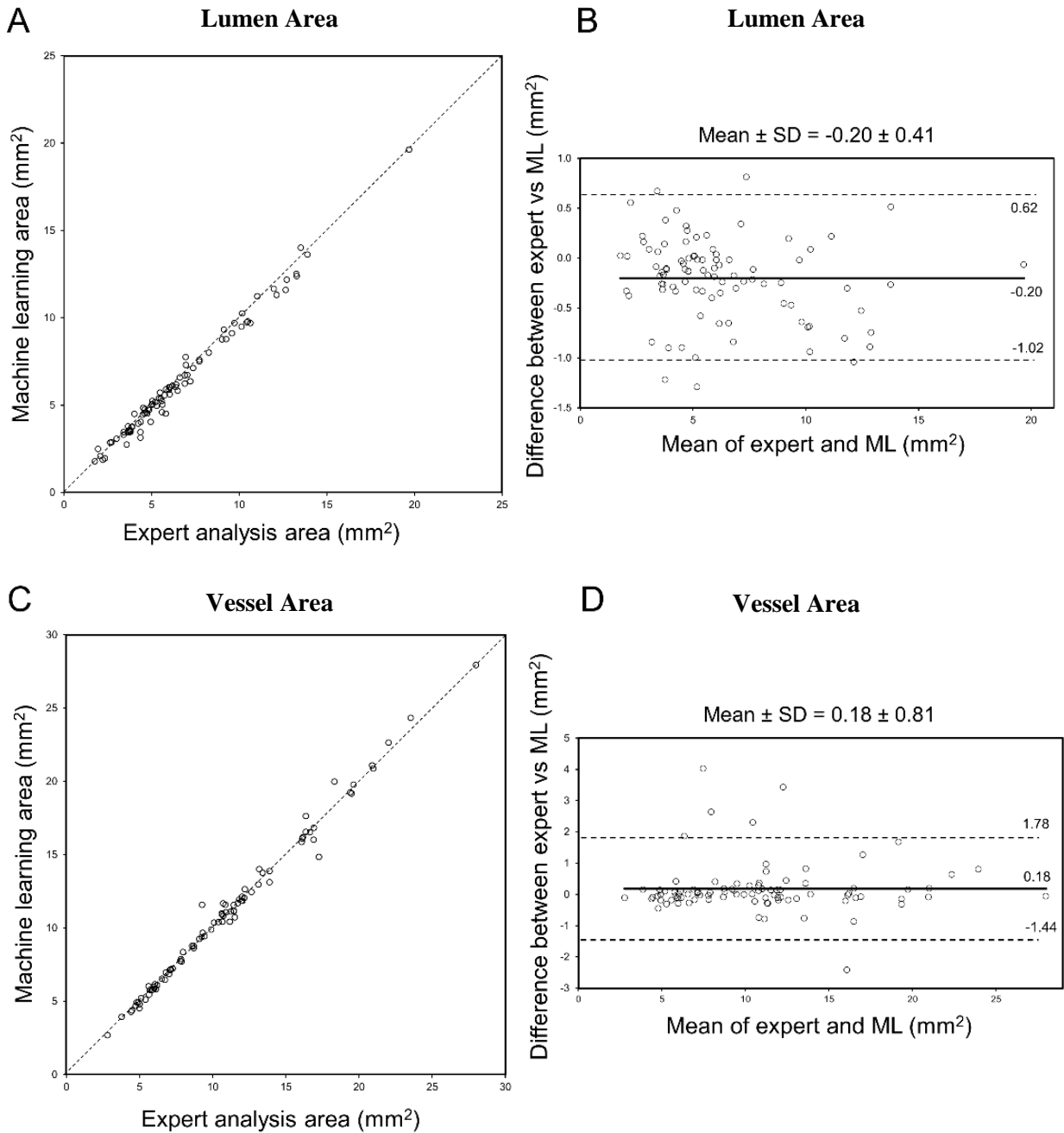


A) Bland-Altman plot of lumen area between expert analysis and machine learning model segmentation. B) Bland-Altman plot of lumen area between two cardiologists. C) Bland-Altman plot of vessel area between expert analysis and machine learning model segmentation. D) Bland-Altman plot of vessel area between two cardiologists. Mean difference is shown in solid line and ± 2 SD of the difference are shown in dotted lines. SD = standard deviation; ML = machine learning.

Supplemental Figure 2. The Difference of Vessel Diameters between Expert Analysis and Machine Learning Model Segmentation of Vessel Area Stratified by Visible Vessel Border



Supplemental Figure 3. Lesion Level Comparison of Lumen and Vessel Areas between Expert Analysis and Machine Learning Model Segmentation



A) Correlation of lumen area. B) Bland-Altman plot of lumen area. Mean difference is shown in solid line and $\pm 2\text{SD}$ of the difference are shown in dotted lines. C) Correlation of vessel area. D) Bland-Altman plot of vessel area. Mean difference is shown in solid line and $\pm 2\text{SD}$ of the difference are shown in dotted. Abbreviation as in Supplemental Figure 1.