Appendix
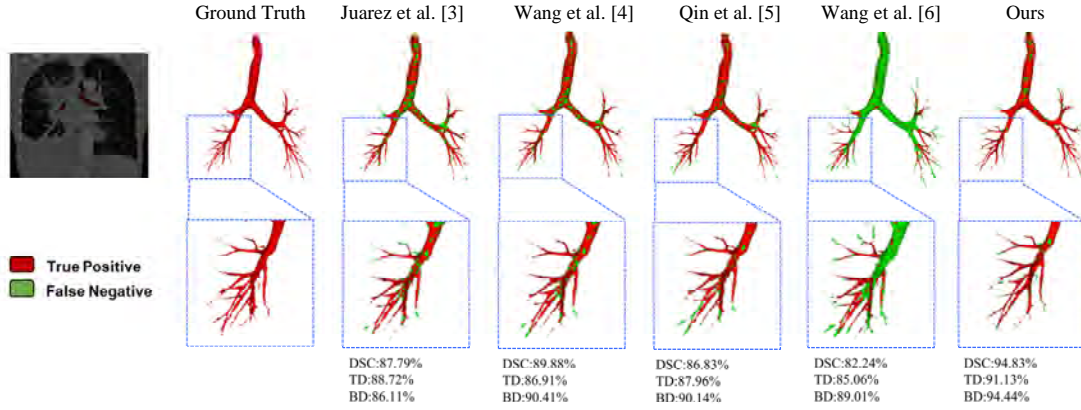
A1. Qualitative and quantitative results on AeroPath dataset

Figure A1. Results of airway segmentation using different methods on AeroPath dataset. True positive voxels are depicted in red color. False positive voxels are depicted in green color.

Table A1. Results (%) of the proposed method compared to state-of-the-art methods on AeroPath dataset (Mean ± Standard deviation)

Method	DSC	Pre	Sen	TD	BD
3D-UNet [7]	**90.35(3.74)**	91.72(10.97)	90.13(4.97)	79.69(9.89)	81.45(9.18)
VNet [10]	88.93(9.11)	91.15(8.04)	87.83(7.10)	90.25(6.61)	92.45(6.89)
VoxResNet [17]	90.27(2.00)	**93.36(8.38)**	88.14(5.29)	79.74(10.27)	81.23(9.44)
Juarez et al. [3]	88.36(2.11)	91.33(8.54)	86.46(6.20)	87.30(9.19)	89.86(10.09)
Wang et al. [4]	89.11(0.81)	91.77(7.64)	87.55(7.18)	91.00(5.00)	93.92(3.26)
Qin et al. [5]	88.35(7.14)	91.29(7.34)	86.64(8.02)	91.81(5.29)	93.32(4.21)
Wang et al. [6]	89.23(3.04)	90.78(10.67)	89.09(6.77)	91.83(6.89)	93.63(4.41)
Our proposed	90.33(5.36)	87.35(11.13)	**94.55(3.47)**	**94.43(3.18)**	**96.25(3.10)**