

SUPPLEMENTARY INFORMATION

Geometric and Biomechanical Prediction Modeling of Growth and Outcome of Small Abdominal Aortic Aneurysms Using Machine Learning.

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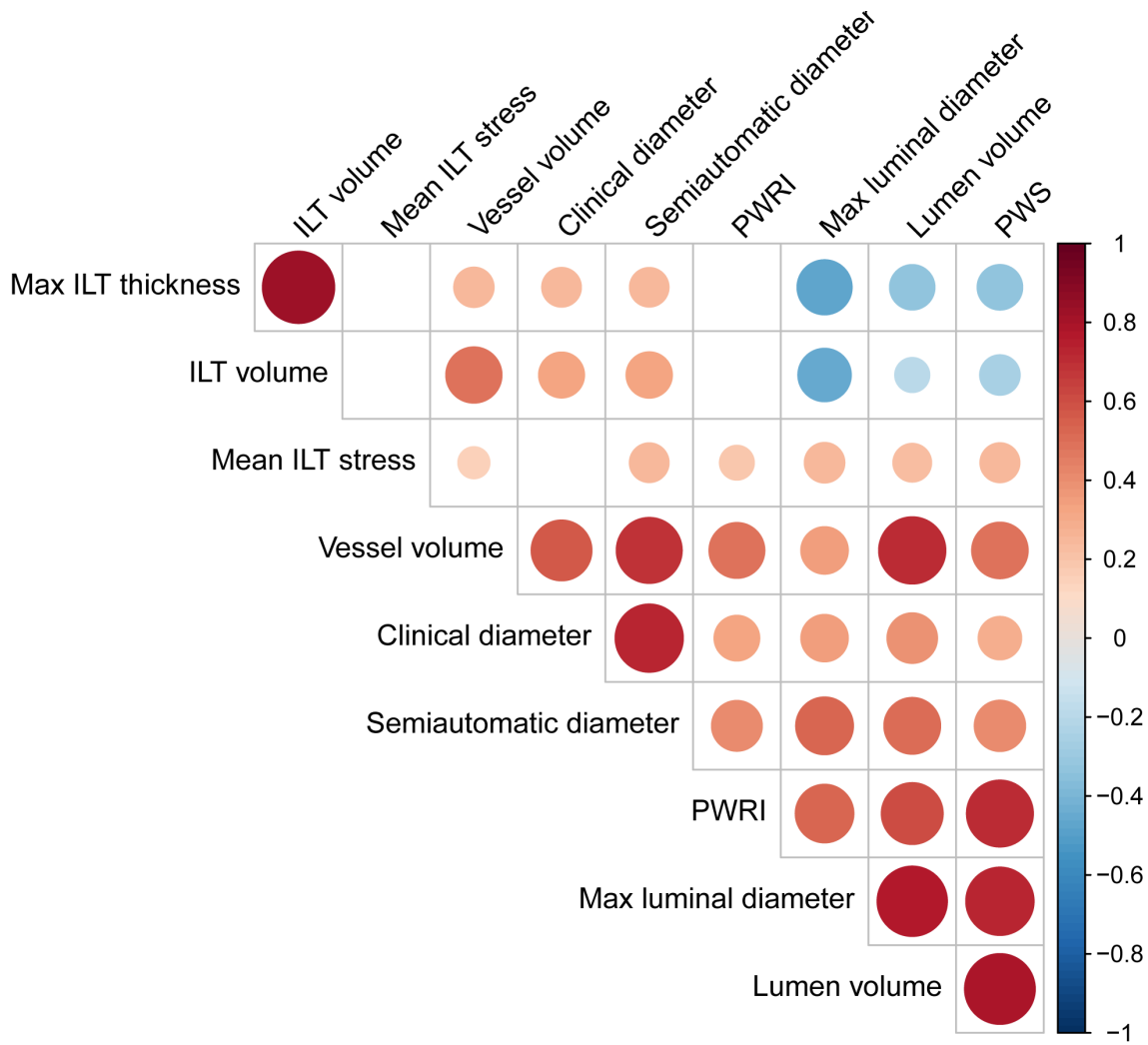
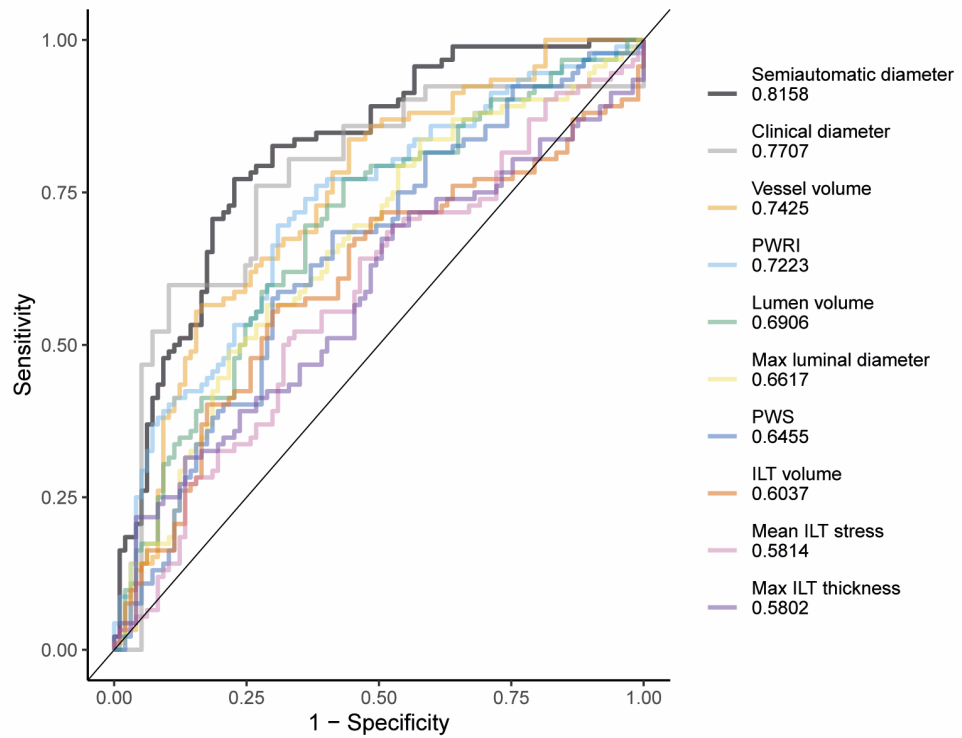


Figure S1: Correlations between geometric and biomechanical output variables. Color and size of the circles corresponds to the Spearman correlation strength. Abbreviations; GR: growth rate, ILT: intraluminal thrombus, PWRI: peak wall rupture index, PWS: peak wall stress.

All patients
n = 189



Complete
follow-up
n = 171

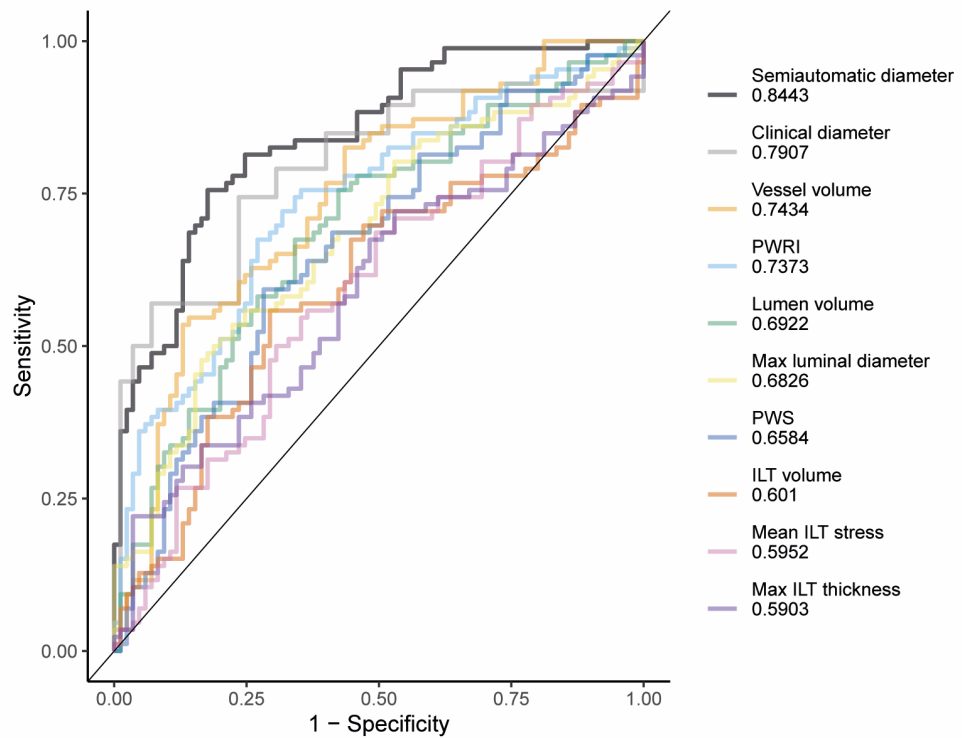


Figure S2: Prediction of reaching surgical threshold within four years by simple logistic regression. Predictions by simple logistic regression based on all included variables performed on all patients (upper figure) and only those with complete follow-up (bottom figure). The area under curve (AUC) is presented below each variable.

Abbreviations; ILT: intraluminal thrombus, PWRI: peak wall rupture index, PWS: peak wall stress.