**SUPPLEMENTAL FIGURES**

**Supp. Fig. 1. Plasma concentrations of IL-1ra (panel A), IL-10 (panel B), IL-6 (panel C), IL-1RL2 (panel D), IGFBP1 (panel E), PAI1 (panel F), TNFB (panel G), D-dimers (panel H), and hs-TnT (panel I) in the exploratory cohort**

A picture containing graphical user interface

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Concentration of IL-1ra, IL-10, IL-6, IL-1RL2, IGFBP1, PAI1 and TNFB are expressed as normalized protein expression (NPX) values. \* p-value <0.05; \*\* p-value < 0.01, \*\*\* p-value<0.001

**Supp. Fig 2. ROC curves for IL-1ra, IL-6, IL-10, IGFBP1, PAI1, D-dimers and hs-TnT for AAD diagnosis in the confirmatory cohort**

**![Chart, line chart

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**Supp. Fig 3. Supplemental histochemical and immunohistochemical staining of CD3 and CD19 for both IL-6 and IL-10, CD61 and Ladewig stainig for PAI1 in aortic tissue of patients with AAD**

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