



**Supplementary Fig. S1.** Location of lesions according to the classification type. Type I involves primarily the branches from the aortic arch. Type IIa involves the ascending aorta, aortic arch, and its branches. Type IIb involves the ascending aorta, aortic arch with its branches, and thoracic descending aorta. Type III involves the thoracic descending aorta, abdominal aorta, and/or renal arteries. Type IV affects only the abdominal aorta and/or renal arteries. Type V affects the combined features of both type IIb and IV. The involvement of the coronary or pulmonary artery should be indicated as C (+) or P (+), respectively.