



Figure S1 Level of MMP-9 and TIMP-1 in patients with high risk factor. (A) Level of MMP-9 showed no difference in patients with different levels of BNP; (B) level of MMP-9 showed no difference in patients with hypertension or not; (C) MMP-9 level was higher in AF patients compared with PSVT control; (D) level of TIMP-1 showed higher level in patients with increased BNP level (>100 pg/mL); (E) level of TIMP-1 showed higher level in patients with hypertension; (F) TIMP-1 expression showed lower level in AF patients; (G) MMP-9 expression showed higher level in all kinds of AF compared with PSVT control; (H) TIMP-1 expression showed higher level in persistent AF and Chronic AF, but not in paroxysmal AF. AF, atrial fibrillation; BNP, brain natriuretic peptide; ELA, ELABELA; TIMP-1, tissue inhibitor of metalloproteinase 1; PSVT, paroxysmal supraventricular tachycardia; MMP-9, matrix metalloproteinase-9.