

**S2 TABLE Propensity score regression adjustment in overall cohort**

	$\beta$	Wald chi-square	P Value	OR (95%CI)
GDF-15 (Model1 plus PS) Per 1000 ng/L increase	1.343	18.924	<0.001	3.829(2.091-7.010)
GDF-15 (Model2 plus PS) Per 1000 ng/L increase	1.350	19.074	<0.001	3.856(2.104-7.067)
GDF-15 (Model3 plus PS) Per 1000 ng/L increase	1.319	15.537	<0.001	3.740(1.941-7.205)

PS = propensity score; propensity score to a 4-digit stratified assignment (1, 2, 3, and 4). Model1: unadjusted; Model2: adjusted for age, gender; Model 3: adjusted for age  $\geq$  70, gender, smoking, alcohol intake, hypertension, diabetes mellitus, anemia, Killip class  $\geq$  3, eGFR  $<$  60ml/min/1.73m<sup>2</sup>, use of isotonic contrast agents, LAD, LCX, RCA, PCI, WBC, Neutrophil ratio, serum creatinine, Uric acid, HDL-C, HbA1c  $\geq$  7.0%, contrast volume  $>$  150 ml, contrast exposure time  $>$  60 min.