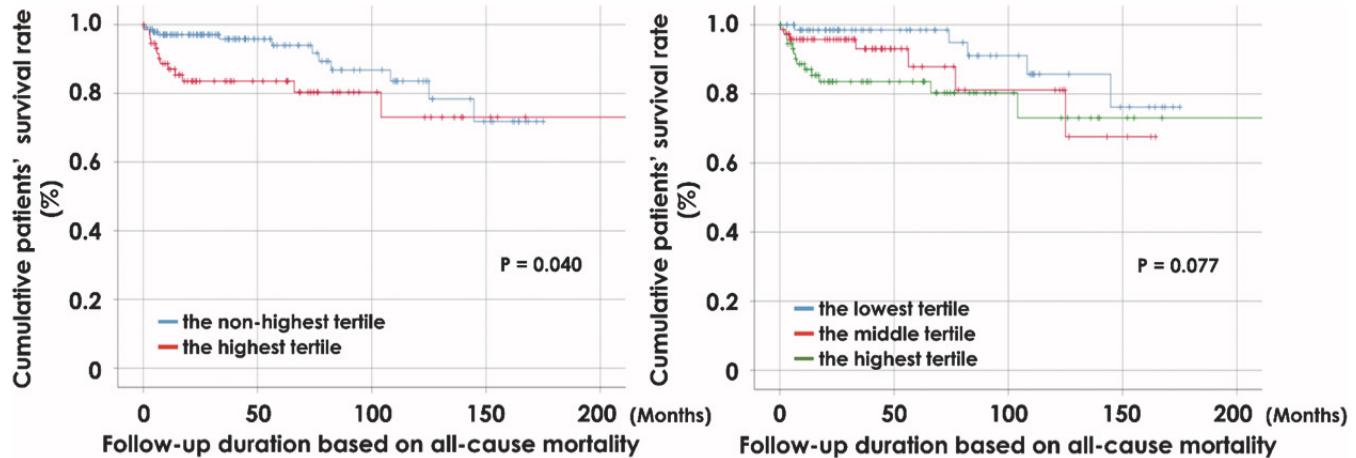


**Supplementary Table S1.** Cox hazards model analysis of variables at diagnosis for all-cause mortality during follow-up in AAV patients.

Variables (CRP $\geq$ 12.7 mg/dL)	Multivariable		
	HR	95% CI	p value
Age	1.044	1.006, 1.083	0.022
Male gender	2.242	0.976, 5.154	0.057
Smoking history	1.763	0.452, 6.873	0.414
BVAS	1.074	1.010, 1.142	0.023
FFS	1.799	1.095, 2.953	0.020
ESR	0.979	0.964, 0.993	0.004
CRP $\geq$ 12.7 mg/L	4.430	1.359, 14.448	0.014
PIIV $\geq$ 1011.3	3.189	1.278, 7.955	0.013
Variables (PIIV)			
Age	1.033	0.997, 1.070	0.072
Male gender	2.693	0.161, 0.858	0.020
Smoking history	2.407	0.620, 9.352	0.205
BVAS	1.080	1.016, 1.149	0.014
FFS	1.863	1.152, 3.015	0.011
ESR	0.982	0.966, 1.000	0.044
CRP	1.006	0.996, 1.015	0.250
PIIV	1.000	1.000, 1.001	0.007



**Supplementary Fig. S1.** Cumulative patients' survival rate based on the tertile of PIIV at diagnosis.