

Table S3. Cox hazards model analyses of TGF at AAV diagnosis for all-cause mortality in AAV patients during the disease course (including serum total protein and albumin)

Variables	Univariable			Multivariable		
	HR	95% CI	p value	HR	95% CI	p value
Age (years)	1.063	1.031, 1.095	<0.001	1.034	1.001, 1.068	0.040
Male sex (N, (%))	2.702	1.430, 5.103	0.002	3.594	1.689, 7.647	0.001
BMI (kg/m ²)	1.122	1.029, 1.225	0.010	1.120	1.008, 1.245	0.034
Ex-smoker (N, (%))	1.619	0.389, 6.732	0.508			
MPO-ANCA (or P-ANCA) positivity	1.409	0.699, 2.843	0.338			
PR3-ANCA (or C-ANCA) positivity	0.693	0.271, 1.772	0.444			
BVAS	1.082	1.038, 1.128	<0.001	1.033	0.972, 1.098	0.297
FFS	1.927	1.423, 2.609	<0.001	1.511	1.011, 2.259	0.044
T2DM	1.083	0.547, 2.143	0.819			
Hypertension	1.129	0.600, 2.125	0.706			
Dyslipidaemia	1.808	0.915, 3.574	0.088			
White blood cell count (/mm ³)	1.000	1.000, 1.000	0.047	1.000	1.000, 1.000	0.770
Haemoglobin (g/dL)	0.787	0.680, 0.911	0.001	1.018	0.808, 1.282	0.882
Platelet count (× 1000/mm ³)	1.000	0.998, 1.002	0.765			
Fasting glucose (mg/dL)	1.005	0.999, 1.010	0.112			
Blood urea nitrogen (mg/dL)	1.011	1.003, 1.019	0.005	1.007	0.991, 1.023	0.381
Serum creatinine (mg/dL)	1.139	1.014, 1.279	0.028	1.050	0.851, 1.295	0.648
Serum total protein (g/dL)	0.590	0.398, 0.874	0.008	2.858	0.940, 8.691	0.064
Serum albumin (g/dL)	0.369	0.239, 0.571	<0.001	0.140	0.038, 0.519	0.003
ESR (mm/hr)	1.010	1.002, 1.019	0.013	0.989	0.976, 1.003	0.118
CRP (mg/L)	1.008	1.004, 1.013	<0.001	1.000	0.992, 1.008	0.913
TGF ≥3.1 g/dL	2.197	1.152, 4.192	0.017	1.018	0.322, 3.218	0.976

TGF: total globulin fraction; AAV: ANCA-associated vasculitis; ANCA: antineutrophil cytoplasmic antibody; BMI: body mass index; MPO: myeloperoxidase; P: perinuclear; PR3: proteinase 3; C: cytoplasmic; BVAS: Birmingham vasculitis activity score; FFS: five-factor score; T2DM: type 2diabetes mellitus; ESR: erythrocyte sedimentation rate; CRP: C-reactive protein.