

Supplementary Table 2 Predictors at diagnosis for ESRD during follow-up in non-elderly AAV patients (n = 124)

Variable	Univariable			Multivariable		
	HR	95% CI	p value	HR	95% CI	p value
Demographic data at diagnosis						
Age	1.028	0.985–1.073	0.207			
Female sex	1.321	0.429–4.067	0.628			
Variants (MPA vs. GPA or EGPA) at diagnosis	2.647	0.926–7.562	0.069			
ANCA positivity at diagnosis						
MPO-ANCA (or P-ANCA)	4.644	1.554–13.872	0.006	3.697	0.577–23.680	0.168
PR3-ANCA (or C-ANCA)	0.929	0.301–2.867	0.898			
AAV-specific indices at diagnosis						
BVAS, ≥ 18	2.725	1.025–7.242	0.044	0.626	0.114–3.421	0.589
FFS, ≥ 2	3.349	1.269–8.839	0.015	6.875	1.168–40.470	0.033
Clinical manifestations at diagnosis						
General	1.066	0.405–2.804	0.898			
Cutaneous	0.389	0.123–1.234	0.109			
Muco-membranous /Ocular	0.036	0.000–14.645	0.278			
Ear nose throat	0.281	0.080–0.984	0.047	0.289	0.054–1.534	0.145
Pulmonary	2.676	0.980–7.305	0.055			
Cardiovascular	2.197	0.842–5.729	0.108			
Gastrointestinal	0.552	0.073–4.171	0.565			
Renal	23.159	2.891–185.545	0.003	4.746	0.349–64.592	0.242
Nervous	0.211	0.048–0.930	0.040	0.084	0.007–0.964	0.047
Laboratory results at diagnosis						
White blood cell count	1.000	1.000–1.000	0.261			
Haemoglobin	0.685	0.539–0.870	0.002	0.752	0.450–1.257	0.277
Platelet count	0.998	0.993–1.002	0.316			
Fasting glucose	1.013	1.005–1.021	0.001	1.028	1.009–1.046	0.003
BUN	1.017	1.008–1.025	< 0.001	0.979	0.953–1.006	0.119
Creatinine	1.333	1.170–1.518	< 0.001	2.093	1.275–3.435	0.004
Total serum protein	0.650	0.380–1.115	0.118			
Serum albumin	0.970	0.504–1.869	0.929			
ALP	0.998	0.989–1.008	0.687			
AST	0.921	0.842–1.007	0.069			
ALT	0.955	0.903–1.010	0.106			
Total bilirubin	0.165	0.010–2.799	0.212			
ESR	1.004	0.992–1.016	0.497			
CRP	1.003	0.993–1.014	0.539			

AAV, antineutrophil cytoplasmic antibody (ANCA)-associated vasculitis; HR, hazard ratio; CI, confidence interval; MPA, microscopic polyangiitis; GPA, granulomatosis with polyangiitis; EGPA, eosinophilic granulomatosis with polyangiitis; MPO, myeloperoxidase; P, perinuclear; PR3, proteinase 3; C, cytoplasmic; BVAS, Birmingham Vasculitis Activity Score; FFS, five factor score; BUN, blood urea nitrogen; ALP, alkaline phosphatase; AST, aspartate transaminase; ALT, alanine transaminase; ESR, erythrocyte sedimentation rate; CRP C-reactive protein.