

**Table II.** Result of univariable and multivariable analysis for the relationships between BVAS and variables studied in MPO-AAV patient group

Variables	<i>n</i>	Univariable analysis		Multivariable analysis	
		<i>r</i>	<i>p</i> <sup>*</sup>	$\beta$	<i>p</i> <sup>#</sup>
Age	40	0.011	0.9482		
Disease duration	40	0.085	0.5865		
PAD4 <sup>+</sup> Neutrophils ( % )	40	0.913	<0.0001*	0.325	0.0053*
PAD4 <sup>+</sup> Neutrophils ( MFI )	40	0.881	<0.0001*		
NETs	40	0.473	0.0021*		
C5a	40	0.666	<0.0001*		
MPO-ANCA	40	0.869	<0.0001*	0.783	0.0007*

*p*<sup>\*</sup> was the result of Spearman correlation analysis; *p*<sup>#</sup> was the result of the multiple linear

regression analysis and only statistically significant *p* values were shown ; ※: *p*<0.05.

BVAS: Birmingham vasculitis activity score; C5a: fragment a of the fifth complement; MFI: mean fluorescence intensity; MPO-ANCA: Myeloperoxidase-specific anti-neutrophil cytoplasmic autoantibody; NETs: neutrophil extracellular traps; PAD4: peptidylarginine deiminase 4.