

**Supplementary Table 1.** Univariate and multivariate logistic regression analyses of outer curvature-type aneurysm occurrence

Variable	Univariate		Multivariate	
	OR (95% CI)	<i>P</i>	OR (95% CI)	<i>P</i>
Parent vessel TI	1.04 (1.01–1.08)	0.01	1.04 (1.01–1.07)	0.02
Average TI	1.23 (1.09–1.37)	<0.01	1.20 (1.08–1.33)	<0.01
L ACA TI	1.03 (0.99–1.07)	0.19		
R ACA TI	0.99 (0.96–1.02)	0.62		
BA TI	1.08 (1.01–1.15)	0.04	1.07 (1.00–1.14)	0.05
L MCA TI	1.03 (0.98–1.09)	0.21		
R MCA TI	1.04 (0.99–1.09)	0.09	1.03 (0.99–1.08)	0.13
L PCA TI	1.02 (0.99–1.04)	0.20		
R PCA TI	1.01 (0.99–1.03)	0.42		
L VA TI	1.05 (1.01–1.10)	0.03	1.04 (1.01–1.07)	0.02
R VA TI	1.04 (1.01–1.08)	<0.01	1.05 (1.01–1.09)	0.03
L ICA TI	1.02 (0.99–1.04)	0.15		
R ICA TI	1.05 (1.01–1.08)	0.02	1.04 (1.01–1.08)	0.02

Covariates in multivariate analyses were sex, height, hypertension, diabetes mellitus, dyslipidemia, smoking, and alcohol use.

OR, odds ratio; CI, confidence interval; TI, tortuosity index; L, left; ACA, anterior cerebral artery; R, right; BA, basilar artery; MCA, middle cerebral artery; PCA, posterior cerebral artery; VA, vertebral artery; ICA, internal carotid artery.