

Supplementary file 3: Probability (out of 1.00) to have anterior communicating artery complex aneurysms in relation to the degree of right and left asymmetry of A1 ACA. A1ACA = first segment of the anterior cerebral artery, AComA= anterior communicating artery (n=166), without history of aneurysms (n = 115), with the previous history of aneurysm (n = 51).

	A1 asymmetry ratio (right and left bigger to smaller A1)	AcomA complex aneurysm			% Chance	Odds ratio	Chi-squared (Asymptotic Significance); P <
		No	Yes	Total			
Number of cases; n=166	Mild to moderate (≤ 1.5)	130	11	141	7.8	0.02	0.0001
	substantial (>1.5 to ≤ 2)	3	10	13	76.9	20.95	0.0001
	Severe (≥ 2)	2	10	12	83.3	31.67	0.0001
	substantial to severe (>1.5)	5	20	25	80.0	47.3	0.0001
	Total	135	31	166			
Number of cases without history of aneurysm (n=115)	Mild to moderate (≤ 1.5)	93	7	100	7.0	0.027	0.0001
	substantial (>1.5 to ≤ 2)	2	6	8	75	23.75	0.0001
	Severe (≥ 2)	2	5	7	71.4	18.26	0.0001
	substantial to severe (>1.5)	4	11	15	73.3	36.53	0.0001
	Total	97	18	115			
Number of cases with history of aneurysm (n=51)	Mild to moderate (≤ 1.5)	37	4	41	9.6	0.012	0.0001
	substantial (>1.5 to ≤ 2)	1	4	5	20.0	16.44	0.012
	Severe (≥ 2)	0	5	5	100	infinite	0.001
	substantial to severe (>1.5)	1	9	10	90.0	83.25	0.0001
	Total	38	13	51			