Table 4: Characteristics of Circle of Willis variations in ruptured and unruptured aneurysms in the study's cohort.

Location and variation type	Total	Ruptured	Unruptured
Anterior circulation anomalies	32 (42.1%)	20	12
Hypoplasia	12	8	4
R A1	8	5	3
L A1	2	1	1
Dysplastic ACA	1	1	-
Aneurysmal dilation at distal ICA	1	1	-
Aplasia	20	12	8
R A1	12	8	4
L A1	8	4	4
P1 segment anomalies	35 (46.1%)	22	13
Hypoplasia	7	6	1
Bilateral P1	1	1	-
R P1	5	4	1
L P1	1	1	-
Aplasia	28	16	12
Bilateral	7	5	2
R P1	15	9	6
L P1	6	2	4
Vertebrobasilar system anomalies	6 (7.9%)	5	1
R VA Hypoplasia	2	2	-
L VA Hypoplasia	1	1	-
PICA Hypoplasia	1	1	-
SCA aplasia	1	-	1
BA tip	1	1	-
Total Whole circle of Willis anomalies	4 (5.3 %)	3	1
Diffuse angiopathy	2	1	1
PCOM Infundibulum	2	2	-
Total	**76 (100 %)**	**50 (65.8 %)**	**26 (34.2 %)**

ACA: Anterior cerebral artery, R: right. L: left, A1: the first part of ACA, ICA: Internal carotid artery, P1: the first segment of Posterior cerebral artery, VA: Vertebral artery, PICA: Posterior inferior cerebellar artery, SCA: Superior cerebellar artery, BA: Basilar artery, PCOM: Posterior communication artery. Numbers in the table are presented as crude numbers and percentages.