Table 4. Analysis of variance (ANOVA)

Variable	Group of Age	Descriptive values (DV)					Twins distance (ESD)				
		SS	DF	MS	F	S (p)	SS	DF	MS	F	S (p)
5mC	Between age groups	0.120	1	0.120	0.641	0.426	0.447	1	0.447	4.821	0.034
	Within age groups	14.182	76	0.187			3.428	37	0.093		
	Total	14.302	77				3.875	38			
AcH4	Between age groups	911.892	1	911.892	0.777	0.381	1.164	1	1.164	4.130	0.050
	Within age groups	89198.819	76	1173.669			10.145	36	0.282		
	Total	90110.711	77				11.308	37			
AcH3	Between age groups	1138.774	1	1138.774	0.246	0.621	1.347	1	1.347	6.080	0.019
	Within age groups	352085.09	76	4632.699			7.975	36	0.222		
	Total	353223.87	77				9.322	37			
AIMS	Between age groups	-	-	-	-	-	956.922	1	956.922	3.986	0.050
	Within age groups	-	-	-	-	-	8641.630	37	240.045		
	Total						9598.553	38			

DV, Descriptive values of the individuals; ESD, Euclidean Squared Distance for each twin pair; 5mC, 5-methyl-cytosine; AcH4, histone H4 acetylation; AcH3, histone H3 acetylation; AIMS, amplification of intermethylated sites; SS, sum of squares; Df, degrees of freedom; MS, mean of squares; F, Fisher-Snedecor test; S, significance: when $p \leq 0.05$ statistically significant difference between age groups.