

Supplementary Table 2. Comparison of basic information between the AIS and the control groups

Variable	AIS group (n = 24)	Control group (n = 25)	X ² /t/U value	p-value
Sex, male:female	10:14	15:10	1.647	0.199
Age (yr)	14.83 ± 3.47	13 (10.50–18.00)	-1.046	0.295
Body length (m)	1.65 ± 0.09	1.58 ± 0.21	1.498	0.141
Body weight (kg)	49.33 ± 8.06	53.34 ± 22.36	-0.827	0.412
BMI (kg/m ²)	17.94 ± 2.60	20.15 ± 4.80	-1.996	0.052
Cobb angle	18 (15–21.75)	-	-	-
C7PL-CSVL (mm)	13.37 ± 7.12	-	-	-
ATR	10.08 ± 3.41	-	-	-

Values are presented as mean ± standard deviation or median (interquartile range).

AIS, adolescent idiopathic scoliosis; BMI, body mass index; C7PL-CSVL, C7 plumb line-center sacral vertical line; ATR, angle of trunk rotation.