Table 2. Comparison of the groups in terms of radiological and clinical parameters

Variables	Proximal fusion level		
	T2 (N=62)	T4 (N=53)	P value
Cobb angle (^{0})			
-Preoperative	52.9 ± 7.3	52.0 ± 7.0	0.481
-Preoperative bending	35.5 ± 5.5	33.3 ± 4.6	**0.017**
-Postoperative	8.1 ± 4.0	9.8 ± 6.4	0.077
Thoracic kyphosis angle (^{0})			
-Preoperative	17.8 ± 3.1	18.0 ± 3.3	0.807
-Postoperative	27.6 ± 4.3	26.9 ± 3.7	0.337
Trunk shift (mm)			
-Preoperative	28.8 ± 6.5	29.2 ± 6.7	0.754
-Postoperative	5.7 ± 2.7	6.9 ± 3.4	**0.047**
Shoulder imbalance (mm)			
-Preoperative	12.1 ± 3.7	12.4 ± 3.6	0.602
-Postoperative	2.9 ± 3.3	4.3 ± 3.3	**0.023**
T1 tilt angle (^{0})			
-Preoperative	8.7 ± 2.6	6.9 ± 2.4	**<0.001**
-Postoperative	4.0 ± 1.9	4.7 ± 1.9	0.054
Lumbar lordosis angle (^{0})			
-Preoperative	46.0 ± 5.2	45.8 ± 5.1	0.835
-Postoperative	48.4 ± 4.6	48.0 ± 4.2	0.610
Sagittal imbalance n, (%)			
-Neutral	55 (88)	48 (90)	0.802
-Positive imbalance	4 (6)	2 (4)	
-Negative imbalance	3 (5)	3 (5)	
SRS 22 score (final)			
-Pain	3.7 ± 0.5	3.9 ± 0.6	0.124
-Self-image	3.9 ± 0.7	3.6 ± 0.7	**0.013**
-Function/activity	4.0 ± 0.7	3.6 ± 0.8	**0.011**
-Mental health	3.7 ± 0.7	3.1 ± 0.6	**<0.001**
-Subtotal score	4.0 ± 0.5	3.5 ± 0.6	**<0.001**
-Satisfaction	4.4 ± 0.7	3.8 ± 0.9	**0.002**
-Total score	4.0 ± 0.5	3.5 ± 0.6	**<0.001**
ODI score (final)	4.3 ± 2.3	5.1 ± 2.4	0.065
Complications			
-Screw misplacement	9 (14)	3 (5)	0.140
-PJK	0 (0)	2 (4)	0.210
-Pseudarthrosis	0 (0)	0 (0)	N/A
-Adding-on	4 (6)	9 (17)	0.086

The data are given as mean ± standard deviation or n, (%); Bold p values are significant

SRS 22: Scoliosis patient questionnaire version 22; **ODI:** Oswestry disability index; **T:** Thoracic
PJK: Proximal Junctional Kyphosis