

Supplementary Table 5. Multivariate linear regression analysis of clinical outcomes

Variable	No.	Delta VAS of low back [‡]			Delta VAS of leg [‡]		
		β	SE	p-value	β	SE	p-value
Surgery							
OLIF	25	1.00			1.00		
OLIF-AF	19	-0.170	0.371	0.223	0.063	0.476	0.658
OLIF-PF	27	-0.259	0.345	0.070	-0.092	0.443	0.552
Age (yr)							
> 65	30	1.00			1.00		
≤ 65	41	0.134	0.294	0.274	0.111	0.377	0.374
Sex							
Male	23	1.00			1.00		
Female	48	0.010	0.345	0.942	-0.200	0.443	0.153
Fused segment							
Single	39	1.00			1.00		
Double	32	0.074	0.308	0.566	-0.053	0.395	0.690
Bone density [†]							
Normal	28	1.00			1.00		
Low	43	0.165	0.391	0.268	0.119	0.469	0.426

VAS, visual analogue scale; SE, standard error; OLIF, oblique lateral interbody fusion; OLIF-AF, OLIF combined with anterolateral screw fixation; OLIF-PF, OLIF combined with percutaneous pedicle screw fixation.

[†]The bone density was presented as continuous variable based on lumbar computed tomography Hounsfield units value. [‡]The delta VAS of low back/leg was calculated as the pre-VAS score minus follow-up VAS.