

Supplementary Table 1. A subgroup analysis based on the number of fusion segments

Variable	No. of fusion segments				p-value
	1 (n = 193)	2 (n = 90)	3 (n = 18)	4 (n = 3)	
Age (yr)	79.2 ± 3.6	79.0 ± 3.2	79.2 ± 3.3	79.3 ± 1.5	0.963
Sex, male:female	67:126	26:64	7:11	2:1	0.440
BMI (kg/m ²)	24.1 ± 3.6	23.9 ± 3.2	24.8 ± 3.6	23.5 ± 2.3	0.786
Type of surgery, PLIF:TLIF	96:97	42:48	9:9	2:1	0.890
Central spinal canal stenosis	143 (66)	70 (78)	12 (67)	3 (100)	0.548
Foraminal stenosis	95 (49)	41 (46)	10 (56)	2 (67)	0.776
Vertebral fractures	64 (33)	20 (22)	7 (39)	1 (33)	0.243
Previous lumbar decompression	32 (17)	13 (14)	2 (11)	1 (33)	0.752
Diabetes mellitus	35 (18)	23 (26)	3 (17)	1 (33)	0.467
Depression	12 (6)	6 (7)	0 (0)	0 (0)	0.696
Dural injury	8 (4)	6 (7)	3 (17)	0 (0)	0.150
Symptom duration (mo)	22.6 ± 42.7	23.8 ± 32.8	50.2 ± 93.1	35.0 ± 45.9	0.101
Operation time (min)	178.2 ± 51.2	229.5 ± 54.8	301.4 ± 57.9	341.7 ± 56.1	<0.001
EBL (mL)	176.5 ± 121.8	326.0 ± 242.6	490.0 ± 322.9	853.3 ± 400.7	<0.001
Preop VAS for LBP	5.0 ± 3.3	5.4 ± 3.0	5.5 ± 2.9	5.6 ± 0.8	0.756
Preop VAS for leg pain	6.4 ± 3.3	6.6 ± 3.2	6.1 ± 3.9	9.2 ± 1.1	0.623
Preop VAS for leg numbness	5.4 ± 3.6	5.5 ± 3.4	4.6 ± 3.4	9.2 ± 1.1	0.329
PN group	45 (23)	21 (23)	4 (22)	1 (33)	0.981

Values are presented as mean ± standard deviation or number (%).

BMI, body mass index; PLIF, posterior lumbar interbody fusion; TLIF, transforaminal lumbar interbody fusion; EBL, estimated blood loss; VAS, visual analogue scale; LBP, low back pain; PN, persistent numbness.