

Supplementary Table 10. Subgroup analysis of perioperative surgical data according to the fusion methods*										
Fusion modalities	Studies	Comparison group	Operation time (minutes)	Blood loss		Blood transfusion (ml or units)	Radiation exposure time (seconds)	Postoperative intravenous analgesia (mg)	Time to ambulation (days)	Hospital stay (days)
				Intraoperative blood loss (ml)	Postoperative blood loss (ml)					
TLIF	6 ¹⁹ , 21, 22, 25 - 27	Percutaneous group	186.2	210.8	21.3	0.1	62.8	3.4	1.2	6.5
		Open group	177.1	539.7	278.0	1.5	30.6	33.5	3.4	9.4
		WMD	20.3†	268.4†	120.3†	1.4†	25.4†	30.1†	2.2†	1.2†
PLIF	2 ²³ , 29	Percutaneous group	191.7	432.8	175.0	0.2		85.9	11.5	5.6
		Open group	148.8	737.9	482.9	1.0		168.9	17.1	10.2
		WMD	42.9†	305.1†	307.9†	0.8†		83.0†	1.8†	5.1†
PLF	1 ²⁴	Percutaneous group	172	NR	NR	NR	NR	NR	NR	NR
		Open group	176							

*TLIF = transforaminal lumbar interbody fusion, PLIF = posterior lumbar interbody fusion, PLF = posterolateral fusion, and WMD = weighted mean difference. †p < 0.0001.