

## Supplementary

**Table S1** Intra-operative complications by L4/5 interbody fusion between PLIF and TLIF

Intra-operative complications	L4/5 interbody fusion- n(835)		Total
	PLIF- n(223) [26.7%]	TLIF- n(612) [73.3%]	
Dural tear	14 (6.3)	26 (4.2)	40
Excessive bleeding	3 (1.3)	3 (0.5)	6
Implant malposition	1 (0.4)	9 (1.5)	10

Intra-operative complications in relation to L4/5 interbody fusion shows greater complication associated with PLIF intervention: dural tear 6.3% compared to 4.2% and excessive bleeding 1.3% compared to 0.5% for those undergoing TLIF.