

Supplementary table 4: Subgroup analysis for post-operative leg pain

		N studies; MD (95%-CI) [I ²]					
		Endo-LIF vs MIS-LIF			Endo-LIF vs Open-LIF		
		Early leg VAS	Intermediate leg VAS	Late leg VAS	Early leg VAS	Intermediate leg VAS	Late leg VAS
Variable	Number of Endo-LIF portals						
	1	N=9; -0.2 (-0.5;0.2) [90%]	N=5; -0.1 (-0.2;0.1) [0%]	N=9; 0.0 (-0.1;0.1) [0%]	N=5; 0.0 (-0.3;0.3) [60%]	N=5; -0.2 (-0.3;0.0) [0%]	N=5; 0.0 (-0.2;0.1) [11%]
	2	N=1; -0.2 (-0.6;0.2)	-	N=1; -0.2 (-0.5;0.1)	N=2; -0.1 (-0.9;0.7) [85%]	N=1; 0.0 (-0.4;0.4)	N=1; 0.3 (-0.1;0.7)
	Type of Endo-LIF approach						
	Interlaminar	N=2; -0.2 (-0.4;0.1) [0%]	N=1; 0.0 (-0.3;0.2)	N=2; 0.1 (-0.1;0.3) [0%]	N=4; -0.1 (-0.5;0.3) [74%]	N=3; -0.2 (-0.3;0.0) [0%]	N=3; 0.1 (-0.1;0.2) [0%]
	Transforaminal	N=7; -0.2 (-0.6;0.2) [92%]	N=3; -0.2 (-0.5;0.1) [25%]	N=7; 0.0 (-0.1;0.1) [0%]	N=3; 0.1 (-0.1;0.4) [32%]	N=3; -0.1 (-0.3;0.1) [0%]	N=3; 0.0 (-0.3;0.2) [47%]
	Mixed	N=1; 0.5 (-2.6;3.5)	N=1; 0.0 (-0.3;0.2)	N=1; 0.0 (-0.2;0.2)	-	-	-

Legend: (*) – p-value<0.05; (-) – missing data; CI – Confidence interval; Endo – endoscopic; I² – heterogeneity; LIF – lumbar interbody fusion; MD – mean difference; MIS – minimally invasive surgery; VAS – Visual analog scale