Supplemental Digital Content 1. Table. Prognostic factors for adjacent segment disease after L4-L5 lumbar fusion. Subgroup analysis, >1 year follow-up

Variable	**No ASD n = 50 (63.3%)**	**Rostral ASD L3-L4 n = 22 (27.9%)**	**Caudal ASD L5-S1 n = 2 (2.5%)**	**Bilateral ASD L3-L4 & L5-S1 n = 5 (6.3%)**
Age, years (median, IQR)	62 [51-75]	53 [45 - 63]	58.5 [53-64]	60 [46-60]
Sex				
Male	25	6	1	1
Female	25	16	1	4
Diagnosis[a]				
Spondylolisthesis	30	10	1	0
Discogenic	4	1	0	0
Severe canal stenosis	8	2	0	2
Other degenerative causes	3	0	0	0
Interbody fusion				
No	36	19	2	2
Yes	14	3	0	3
Decompression outside the fusion construct				
No	20	8	1	1
Yes	30	14	1	4
Fusion augmentation material[b]				
Autograft alone	32	11	0	2
Allograft and autograft	8	2	1	0
Smoking[c]				
Current smoker	5	0	0	1
Former smoker	6	2	1	1
Lifetime non-smoker	35	17	1	3
Comorbidities[c]				
Osteoporosis	1	2	0	0
Diabetes	8	3	1	2

Subgroup analysis of 79 patients with more than 12 months of follow-up. No significant deviations from the original results were observed, although the small number of patients did not allow reliable inferential statistics to be performed. Abbreviations: n, number of patients; IQR, interquartile range; ASD, adjacent segment disease. Missing data: *a* = 18, *b* = 23, *c* = 7.