

**Supplementary Table 1.** Long-term sickness absence (LTSA) (> 90 net sickness absence days) and disability pension (DP) due to certain diagnoses (ICD-10 codes)<sup>1</sup> in the three years following cohort entry date (t+1, t+2, t+3), among Swedish residents, aged 19-60 years, with low back pain (LBP) treated by lumbar spine decompression surgery (LSDS) during 2008-10, with LBP without LSDS and persons with no diagnosed LBP

LSDS n (%) 10 800 (100%)		LBP no LSDS n (%) 109 179 (100%)		No diagnosed LBP n (%) 472 191 (100%)	
LTSA	DP	LTSA	DP	LTSA	DP
<b>Neoplasm (C00-D48)*</b>					
60 (0.56)	6 (0.06)	745 (0.68)	144 (0.13)	3254 (0.70)	277 (0.06)
<b>Mental disorders (F00-F99)*</b>					
321 (2.97)	117 (1.08)	4714 (4.32)	1708 (1.56)	13140 (2.78)	3498 (0.74)
<b>Diseases of the nervous system (G00-G99)*</b>					
57 (0.53)	40 (0.37)	570 (0.52)	307 (0.28)	1192 (0.25)	519 (0.11)
<b>Cardiovascular diseases (I00-I99)*</b>					
49 (0.45)	15 (0.14)	607 (0.56)	212 (0.19)	2216 (0.47)	609 (0.13)
<b>Musculoskeletal diseases (M00-M99)*</b>					
1773 (16.42)	402 (3.72)	10 633 (9.74)	2961 (2.71)	8399 (1.78)	1073 (0.23)
<b>Symptoms, signs and abnormal clinical laboratory findings (R00-R99)*</b>					
55 (0.51)	21 (0.19)	772 (0.71)	224 (0.21)	1155 (0.24)	128 (0.03)
<b>Injuries/poisoning (S00-T98)*</b>					
119 (1.10)	48 (0.44)	1424 (1.30)	570 (0.52)	3722 (0.79)	579 (0.12)
<b>Other diagnoses</b>					
112 (1.04)	32 (0.30)	1777 (1.63)	363 (0.33)	4395 (0.93)	715 (0.15)
<b>Total</b>					
<b>2546 (23.57)</b>	<b>681 (6.31)</b>	<b>21 242 (19.46)</b>	<b>6489 (5.94)</b>	<b>37 473 (7.94)</b>	<b>7938 (1.68)</b>

\*Significant between group differences tested by Chi2 at level of p <0.0001.

<sup>1</sup>International Statistical Classification of Diseases and Related Health Problems, 10th revision