Table S4 Comorbidities defined by Elixhauser coding algorithms* in axial spondyloarthritis patients (N=1,729) stratified by the current presence (in 2015; health insurance data) of inflammatory bowel disease, psoriasis, and anterior uveitis

	Inflammatory bowel disease			Psoriasis			Anterior uveitis		
	yes (N=98)	no (N=1631)	p value	yes (N=165)	no (N=1564)	p value	yes (N=151)	no (N=1578)	p value
Hypertension	48.4	52.0	0.4976	59.9	50.9	**0.0295**	48.7	52.1	0.4396
uncomplicated	37.2	45.0	0.1384	53.1	43.7	**0.0229**	42.6	44.8	0.6166
complicated	11.2	6.9	0.1160	6.8	7.2	0.8522	6.1	7.3	0.5998
Depression	30.1	25.4	0.3037	35.7	24.6	**0.0023**	23.0	25.9	0.4458
Chronic pulmonary disease	11.0	9.0	0.5117	12.2	8.8	0.1460	6.3	9.4	0.2315
Diabetes	19.4	15.8	0.3533	19.2	15.6	0.2432	12.9	16.3	0.3002
uncomplicated	7.2	7.3	0.9644	7.6	7.2	0.8860	6.5	7.3	0.7129
complicated	12.3	8.5	0.2185	11.7	8.4	0.1686	6.4	8.9	0.3133
Cardiac arrhythmias	17.3	13.9	0.3652	18.0	13.6	0.1305	12.8	14.2	0.6297
Obesity	10.4	14.5	0.2429	19.3	13.7	0.0551	7.5	14.9	**0.0114**
Hypothyroidism	6.9	14.0	**0.0479**	12.5	13.7	0.6581	11.6	13.8	0.4583
Osteoporosis	16.1	12.5	0.3128	16.2	12.3	0.1675	16.9	12.3	0.1096
Liver disease	9.5	12.0	0.4695	13.1	11.7	0.6111	12.5	11.8	0.7838
Peripheral vascular disorders	8.5	8.7	0.9495	6.7	8.9	0.3548	6.0	8.9	0.2264
Solid tumor without metastasis	10.0	8.3	0.5728	8.5	8.4	0.9752	6.7	8.6	0.4421
Valvular disease	8.6	8.1	0.8458	8.7	8.0	0.7799	9.3	8.0	0.5843
Renal failure	11.0	7.1	0.1678	8.7	7.2	0.4865	6.8	7.4	0.7778
Congestive heart failure	5.7	5.8	0.9593	7.5	5.6	0.3378	4.8	5.9	0.5828

Deficiency anemia	15.2	5.1	**<0.0001**	4.9	5.7	0.6577	4.6	5.7	0.5611
Fibromyalgia	3.0	4.4	0.5255	11.8	3.5	**<0.0001**	3.1	4.4	0.4391
Other neurological disorders	3.0	3.7	0.7209	4.3	3.6	0.6324	2.0	3.8	0.2748
Coagulopathy	5.0	2.7	0.1901	4.8	2.6	0.1129	0.6	3.0	0.0713
Fluid and electrolyte disorders	2.4	1.9	0.7116	3.5	1.7	0.1100	1.3	2.0	0.5858
Weight loss	4.3	1.4	**0.0253**	1.8	1.5	0.7428	2.0	1.5	0.6046
Alcohol abuse	-	1.7	-	2.8	1.5	0.2438	2.9	1.5	0.2128
Metastatic cancer	1.1	1.4	0.7775	-	1.6	-	2.0	1.3	0.5211
Peptic ulcer disease excluding bleeding	1.3	1.3	0.9604	2.5	1.2	0.1872	2.6	1.2	0.1725
Pulmonary circulation disorders	4.3	1.1	0.0073	1.2	1.3	0.9365	0.7	1.3	0.5617
Paralysis	-	1.2	-	1.2	1.1	0.9157	1.4	1.1	0.7800
Drug abuse	2.9	1.1	0.0950	3.1	1.0	**0.0140**	1.9	1.1	0.3783
Lymphoma	-	0.6	-	1.3	0.5	0.2282	0.6	0.6	0.9969
Psychoses	1.0	0.5	0.4541	0.6	0.5	0.8741	0.7	0.5	0.7038
Blood loss anemia	-	0.1	-	-	0.1	-	0.8	0.1	**0.0227**
AIDS/HIV	-	-	-	-	-	-	-	-	-

* excluding rheumatoid arthritis / collagen vascular diseases and including osteoporosis and fibromyalgia.

Significant differences were assessed using Rao-Scott chi-square tests. P values <0.05 are shown in bold.