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Table S1: Characteristics of the sample and prevalence of chronic joint and/or back pain (CP) by sex (Table 1. Continued)

	Men			Women			Total		
	N	% CP	95% CI	N	% CP	95% CI	N	% CP	95% CI
Wealth									
1	4714	33.0	(30.5-35.6)	7498	46.4	(44.1-48.8)	12212	40.9	(39.2-42.7)
2	5311	30.7	(27.4-34.3)	6938	45.2	(42.4-48.0)	12249	38.7	(36.6-40.9)
3	5575	30.6	(28.2-33.1)	6658	41.7	(39.3-44.1)	12233	36.4	(34.6-38.2)
4	5693	29.8	(27.6-32.1)	6537	38.9	(36.3-41.2)	12230	34.7	(33.1-36.3)
5	5954	22.4	(20.1-24.9)	6279	34.2	(31.6-36.9)	12233	28.3	(26.5-30.1)
Area of residence									
Rural	15631	31.2	(29.6-32.7)	18946	42.2	(40.7-43.6)	34577	37.0	(35.9-38.1)
Urban	10457	26.6	(24.9-28.5)	13487	40.6	(38.8-42.4)	23944	34.3	(33.0-35.6)
Falling down									
Yes	1515	48.6	(43.6-53.6)	3233	63.6	(60.4-66.7)	4748	58.9	(56.2-61.6)
No	25718	28.2	(26.9-29.4)	30666	39.1	(37.9-40.2)	56384	33.9	(33.1-34.7)
Loneliness									
0	17754	26.2	(24.8-27.7)	19702	36.4	(34.7-37.6)	37456	31.2	(30.2-32.2)
1	4358	32.2	(29.6-35.0)	5985	41.3	(38.8-43.8)	10343	37.3	(35.5-39.2)
2	4546	36.8	(34.0-39.8)	7627	53.1	(50.7-55.5)	12173	46.9	(45.0-48.8)
Temporal orientation									
Good	26650	29.1	(27.9-30.2)	33152	40.9	(39.8-42.0)	59802	35.4	(34.6-36.3)
Regular/Bad	597	32.8	(26.3-40.1)	758	53.5	(47.1-59.8)	1355	45.9	(41.0-50.9)
Difficulty in concentrating (Reading)									
Yes	3261	39.7	(36.4-43.2)	4600	55.2	(52.5-57.8)	7861	48.8	(46.7-51.0)
No	23478	27.5	(26.3-28.7)	28825	38.5	(37.3-39.7)	52303	33.3	(32.5-34.2)
Quality of diet									
Normal	20890	28.9	(27.6-30.3)	25947	40.5	(39.3-41.8)	46837	35.1	(34.2-36.0)

	Poor	6342	29.8	(27.8-31.9)	7950	43.5	(41.2-45.8)	14292	37.5	(35.9-39.1)
Ever smoked										
	Yes	16356	31.5	(29.9-33.0)	11979	39.4	(37.7-41.2)	28335	34.6	(33.5-35.8)
	No	10891	25.6	(23.9-27.4)	21931	42.3	(40.9-43.7)	32822	36.6	(35.5-37.7)
Drinking >2 glasses per day										
	Yes	6710	30.0	(27.3-32.8)	3353	31.5	(28.2-34.8)	10063	30.4	(28.3-35.6)
	No	20537	28.9	(27.6-30.2)	30557	42.1	(40.9-43.3)	51094	36.6	(35.7-37.5)
Physical inactivity										
	Yes	2701	41.3	(37.7-44.9)	4347	56.9	(53.6-60.2)	7048	51.6	(49.1-54.1)
	No	24546	27.9	(26.7-29.1)	29563	38.5	(37.3-39.6)	54109	33.4	(32.6-34.3)
Leisure and social activities										
	Yes	23091	28.3	(27.1-29.6)	28846	39.1	(37.8-40.3)	8107	34.1	(33.2-35.0)
	No	3686	33.1	(30.3-36.0)	4421	51.0	(48.0-54.0)	51937	43.1	(40.9-45.2)
Quality of Life										
	Bad	8304	41.2	(39.0-43.3)	11659	55.2	(53.2-57.2)	19963	49.4	(47.9-50.9)
	Regular	7540	30.3	(27.9-32.8)	9303	41.4	(39.3-43.5)	16843	36.1	(34.6-37.7)
	Good	10849	18.5	(17.1-19.9)	12428	25.3	(23.8-26.9)	23277	21.9	(20.9-23.0)

Table S2. Intensity of chronic joint and/or back pain by sex and country of residence

Country	Intensity of chronic joint and/or back pain by sex and country of residence											
	Low				Moderate				Severe			
	Men		Women		Men		Women		Men		Women	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI	%	95% CI
Austria	16.0	(12.1-20.9)	15.4	(12.5-18.9)	67.7	(61.8-73.2)	63.1	(58.9-67.1)	16.2	(12.1-21.5)	21.5	(18.2-25.2)
Belgium	28.8	(24.2-34.0)	21.0	(17.8-24.6)	49.1	(43.9-54.4)	53.8	(49.7-57.9)	22.0	(18.0-26.6)	25.2	(21.7-28.9)
Czech Republic	31.9	(27.4-36.9)	24.7	(21.6-28.0)	54.7	(49.6-59.7)	55.6	(51.8-59.2)	13.2	(10.4-16.8)	19.7	(16.9-22.9)
Denmark	29.7	(24.8-35.0)	21.4	(18.1-25.2)	51.7	(46.1-57.2)	55.6	(51.3-59.9)	18.6	(14.5-23.5)	22.9	(19.5-26.8)
Estonia	21.3	(18.2-24.9)	19.0	(16.8-21.4)	57.4	(53.4-61.4)	59.9	(57.1-62.6)	21.2	(18.1-24.8)	21.1	(18.9-23.4)
France	21.3	(17.4-26.0)	19.2	(15.5-23.4)	56.7	(50.8-62.4)	48.3	(43.9-52.6)	21.9	(18.1-26.3)	32.6	28.8-36.6)
Germany	9.8	(7.7-12.5)	10.1	(8.3-12.3)	57.8	(53.7-61.7)	56.2	(52.7-59.5)	32.3	(28.7-36.3)	33.7	(30.5-37.0)
Italy	29.8	(25.0-35.1)	20.3	(17.5-23.5)	49.7	(44.4-55.2)	55.5	(51.1-60.0)	20.4	(16.0-25.6)	24.2	(20.3-28.5)
Luxembourg	27.8	(22.2-34.1)	11.5	(8.4-15.5)	49.9	(43.4-56.4)	56.3	(50.8-61.6)	22.3	(17.4-28.2)	32.2	(27.3-37.5)
Netherlands	34.7	(27.9-42.1)	30.6	(26.3-35.3)	52.6	(45.0-60.1)	50.5	(45.6-55.4)	12.7	(8.3-18.9)	18.9	(15.2-23.2)
Slovenia	12.0	(8.4-16.8)	17.0	(13.6-21.0)	69.7	(63.7-75.2)	56.6	(51.9-61.1)	18.2	(13.9-23.5)	26.4	(22.6-30.7)
Spain	27.7	(21.6-34.8)	17.7	(14.2-21.9)	49.2	(42.2-56.2)	48.0	(43.1-53.0)	23.1	(17.7-29.5)	34.2	(29.5-39.3)
Sweden	36.4	(31.2-41.9)	26.0	(22.6-29.7)	52.0	(46.6-57.4)	56.5	(52.6-60.5)	11.6	(8.7-15.2)	17.4	(14.7-20.6)
Switzerland	28.7	(22.5-35.9)	19.2	(15.2-24.0)	53.3	(45.8-60.6)	61.4	(55.8-66.7)	18.0	(12.7-24.9)	19.4	(15.3-24.3)