

**Supplementary Table 1.** Distribution of rheumatic diseases across countries (N: 1,800)

Condition	n (%)						
	UK	Spain	France	Greek	Cyprus	Italy	Portugal
Axial Spondyloarthritis	249 (44.6)	253 (54.5)	90 (39.3)	3 (5.3)	2 (2.0)	32 (25.2)	41 (15.5)
Rheumatoid Arthritis	246 (44.1)	84 (18.1)	34 (14.8)	26 (45.6)	47 (46.5)	30 (23.6)	67 (25.4)
Osteoarthritis	143 (25.6)	29 (6.3)	102 (44.5)	0 (0.0)	8 (7.9)	15 (11.8)	13 (4.9)
Fibromyalgia	53 (9.5)	14 (3.0)	26 (11.4)	14 (24.6)	28 (27.7)	53 (41.7)	124 (47.0)
Psoriatic Arthritis	38 (6.6)	40 (8.6)	32 (14.0)	2 (3.5)	0 (0.0)	37 (29.1)	16 (6.1)
Osteoporosis	50 (9.0)	3 (0.6)	20 (8.7)	2 (3.5)	9 (8.9)	18 (14.2)	12 (4.5)
Systemic Lupus Erythematosus	2 (0.4)	9 (1.9)	1 (0.4)	20 (35.1)	19 (18.8)	6 (4.7)	40 (15.2)
Sjögren's Syndrome	35 (6.3)	2 (0.4)	12 (5.2)	8 (14.0)	8 (7.9)	15 (11.8)	24 (9.1)
Juvenile Idiopathic Arthritis	6 (1.1)	13 (2.8)	1 (0.4)	5 (8.8)	4 (4.0)	6 (4.7)	3 (1.1)
Gout	15 (2.7)	0 (0.0)	5 (2.2)	3 (5.3)	11 (10.9)	1 (0.8)	1 (0.4)
Peripheral Spondyloarthritis	6 (1.1)	12 (1.6)	22 (9.6)	1 (1.8)	0 (0.0)	5 (3.9)	4 (1.5)
Polymyalgia Rheumatica	5 (0.9)	0 (0.0)	2 (0.9)	0 (0.0)	1 (1.0)	3 (2.4)	2 (0.8)
Systemic Sclerosis (or Scleroderma)	1 (0.2)	2 (0.4)	1 (0.4)	1 (1.8)	9 (8.9)	9 (7.1)	7 (2.7)
Vasculitis or Arteritis	4 (0.7)	1 (0.2)	4 (1.7)	3 (5.3)	2 (2.0)	3 (2.4)	7 (2.7)
Myositis (Polymyositis, Dermatomyositis)	0 (0.0)	2 (0.4)	0 (0.0)	1 (1.8)	0 (0.0)	3 (2.4)	1 (0.4)
SAPHO (only for France)	0 (0.0)	0 (0.0)	15 (6.6)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)

**Supplementary Table 2.** Sociodemographic and clinical characteristics among rheumatic diseases

Rheumatic disease	n (%) or mean $\pm$ SD								
	Sociodemographic				Clinical				
	Age	Female	University	Married/ in a relationship	Disease activity (0-10)	Pain (0-10)	Poor well-being	Risk of Anxiety	Risk of Depression
Axial Spondyloarthritis	49.4 $\pm$ 12.7	484 (72.3)	316 (47.2)	482 (71.9)	5.4 $\pm$ 2.5	5.9 $\pm$ 2.9	361 (54.2)	375 (56.7)	292 (44.2)
Rheumatoid Arthritis	57.0 $\pm$ 12.6	464 (87.1)	264 (49.4)	360 (67.4)	4.8 $\pm$ 2.8	5.5 $\pm$ 3.2	262 (49.7)	280 (53.2)	227 (43.2)
Fibromyalgia	48.8 $\pm$ 10.8	287 (92.0)	138 (44.2)	203 (65.1)	5.9 $\pm$ 2.7	6.7 $\pm$ 2.8	129 (42.2)	206 (67.3)	173 (56.5)
Osteoarthritis	62.6 $\pm$ 11.2	256 (82.6)	161 (51.9)	197 (63.5)	5.4 $\pm$ 2.6	6.2 $\pm$ 2.8	151 (49.0)	164 (53.6)	137 (44.8)
Psoriatic Arthritis	52.2 $\pm$ 10.9	136 (82.9)	69 (41.8)	111 (67.3)	5.9 $\pm$ 2.7	6.7 $\pm$ 2.8	67 (41.1)	92 (56.4)	76 (46.6)
Osteoporosis	63.4 $\pm$ 11.4	104 (91.2)	55 (48.2)	67 (58.8)	5.2 $\pm$ 2.8	5.9 $\pm$ 2.9	43 (38.1)	64 (56.6)	48 (42.5)
Sjögren's Syndrome	55.2 $\pm$ 13.0	98 (94.2)	53 (51.0)	70 (67.3)	5.8 $\pm$ 2.5	6.8 $\pm$ 2.6	43 (41.7)	64 (62.1)	51 (49.5)
Systemic Lupus Erythematosus	47.0 $\pm$ 11.0	91 (93.8)	47 (48.5)	67 (69.1)	5.2 $\pm$ 2.8	6.1 $\pm$ 2.8	38 (39.2)	56 (57.7)	50 (51.5)
Peripheral Spondyloarthritis	49.3 $\pm$ 12.8	41 (82.0)	23 (46.0)	36 (72.0)	6.1 $\pm$ 2.6	6.7 $\pm$ 2.6	18 (36.7)	25 (51.0)	24 (49.0)
Juvenile Idiopathic Arthritis	42.7 $\pm$ 16.5	29 (76.3)	15 (39.5)	26 (68.4)	4.5 $\pm$ 2.6	5.9 $\pm$ 2.5	19 (51.4)	18 (48.6)	19 (51.4)
Gout	52.8 $\pm$ 15.2	27 (75.0)	15 (41.7)	22 (61.1)	6.4 $\pm$ 2.8	6.9 $\pm$ 2.7	18 (50.0)	19 (52.8)	19 (52.8)

Rheumatic disease	n (%) or mean $\pm$ SD								
	Sociodemographic				Clinical				
	Age	Female	University	Married/ in a relationship	Disease activity (0-10)	Pain (0-10)	Poor well-being	Risk of Anxiety	Risk of Depression
Systemic Sclerosis (or Scleroderma)	52.8 $\pm$ 11.7	25 (83.3)	15 (50.0)	23 (76.7)	4.8 $\pm$ 3.3	5.9 $\pm$ 3.2	11 (36.7)	21 (70.0)	13 (43.3)
Vasculitis or Arteritis	52.5 $\pm$ 14.7	19 (79.2)	14 (58.3)	18 (75.0)	5.4 $\pm$ 2.4	5.7 $\pm$ 2.6	8 (33.3)	16 (66.7)	10 (41.7)
Polymyalgia Rheumatica	62.8 $\pm$ 10.8	11 (84.6)	6 (46.2)	8 (61.5)	6.0 $\pm$ 3.3	6.7 $\pm$ 3.6	3 (23.1)	8 (61.5)	8 (61.5)
Myositis (Polymyositis, Dermatomyositis)	49.0 $\pm$ 11.1	5 (71.4)	2 (28.6)	6 (85.7)	4.9 $\pm$ 2.3	6.8 $\pm$ 2.3	5 (71.4)	3 (42.9)	2 (28.6)
SAPHO (only captured in France)	52.5 $\pm$ 12.8	14 (93.3)	11 (73.3)	12 (80.0)	6.1 $\pm$ 2.6	7.2 $\pm$ 2.1	7 (46.7)	6 (40.0)	5 (33.3)