

Supplementary Table. Comparison of sociodemographic characteristics, health coverage, rheumatic diagnosis, pain, disability and comorbidities between indigenous and non-indigenous groups from Ecuador, Mexico and Argentina

	Indigenous n (%) 4599 (50.00)	Non- indigenous n (%) 4599 (50.00)	Totals n (%) 9198 (100.00)	p
Gender (female)	2788 (60.62)	2729 (59.34)	5517 (59.98)	0.217
Age (years), mean (SD)	42.90 (18.71)	42.98 (17.58)	42.94 (18.16)	0.163
Urban setting	832 (18.09)	3624 (78.80)	4456 (48.45)	<0.001
Educational level, mean number of years (SD)	6.74 (5.17)	9.17 (5.15)	7.95 (5.30)	<0.001
Health coverage *				
Full	1351 (29.38)	551 (11.98)	1902 (20.68)	<0.001
Partial	2536 (55.14)	2401 (52.21)	4937 (53.67)	<0.01
Private	245 (5.33)	501 (10.89)	746 (8.11)	<0.001
Other**	171 (3.72)	34 (0.74)	205 (2.23)	<0.001
Joint biomechanical stress ***				
High	2162 (47.01)	1176 (25.57)	3338 (36.29)	<0.001
Medium	534 (11.61)	503 (10.94)	1037 (11.27)	0.323
Low	1472 (32.01)	1574 (34.22)	3046 (33.12)	0.025
Unspecified	254 (5.52)	267 (5.81)	521 (5.66)	0.588
Rheumatic disease				
Totals	1428 (31.05)	1521 (33.07)	2949 (32.06)	0.040
Osteoarthritis	616 (13.39)	334 (7.26)	950 (10.33)	<0.001
Rheumatoid arthritis	104 (2.26)	80 (1.74)	184 (2.00)	0.087
Back pain	521 (11.33)	138 (3.00)	659 (7.16)	<0.001
RRPS	142 (3.09)	895 (19.46)	1037 (11.27)	<0.001
Musculoskeletal disorders	170 (3.70)	83 (1.80)	253 (2.75)	<0.001
Fibromyalgia	89 (1.94)	50 (1.09)	139 (1.51)	<0.01
Other ****	26 (0.57)	21 (0.46)	47 (0.51)	0.559
Pain				
Historical pain	1839 (39.99)	1487 (32.33)	3326 (36.16)	<0.001
Non-traumatic pain (7 days)	819 (17.81)	1012 (22.00)	1831 (19.91)	<0.001
Physical disability (Health Assessment Questionnaire-Disability Index (HAQ-DI)				
HAQ ≥ 0.8	308 (6.70)	375 (8.15)	683 (7.43)	<0.01
Comorbidities				
Diabetes mellitus	236 (5.13)	326 (7.09)	562 (6.11)	<0.001
High blood pressure	528 (11.48)	855 (18.59)	1383 (15.04)	<0.001
Cardiovascular disease	142 (3.09)	150 (3.26)	292 (3.17)	0.677
Smoking	332 (7.22)	697 (15.16)	1029 (11.19)	<0.001
Alcoholism	643 (13.98)	198 (4.31)	841 (9.14)	<0.001
Anxiety/depression	913 (19.85)	501 (10.89)	1414 (15.37)	<0.001
No comorbidities	2261 (49.16)	1991 (43.29)	4252 (46.23)	<0.001

* Missing data: 296 (6.44%) indigenous and 1112 (24.18%) non-indigenous (total 1408 (15.31%))

** Other: Traditional healthcare

*** Missing data: 177 (3.85%) indigenous and 1079 (23.46%) non-indigenous (total 1256 (13.65%))

**** Others: *Indigenous*: 18 ankylosing spondylitis, 4 gout, 1 scleroderma and 2 psoriasis. *Non-indigenous*: 2 ankylosing spondylitis, 14 gout, and 1 psoriasis.