

ONLINE SUPPLEMENTARY MATERIAL

Supplementary Table 1. Characteristics of subjects who had a clinical evaluation performed versus subjects who were lost to follow-up (Non-participants column).

	Non-Participants (n=290) % or mean	Participants (n=493) % or mean	p-value (x2 or t-test)
Females	74.5	80.7	0.040
Education level			
Low	43.4	33.7	
Middle	43.0	53.5	0.014
High	13.6	12.8	
Urban residence	79.0	85.1	0.025
Self-reported arthritis	43.4	47.0	0.336
Self-reported rheumatoid arthritis	12.8	18.1	0.054
Age (mean)	61.1	60.9	0.565
ACPA (mean)	44.7	46.6	0.938
CRP (mean)	0.49	0.45	0.578
FR (mean)	53.6	28.2	0.234

Supplementary Table 2. Multivariate logistic regression results calculating the odds of non-participation

Exposure		Estimate	CI 95%		p-value
Gender	Female vs male	-0.40	-0.76	-0.05	0.026
Education level	Middle vs low	-0.47	-0.79	-0.14	0.004
	High vs low	-0.17	-0.65	0.30	0.477
Place of residence	Rural vs urban	0.39	0.00	0.77	0.049

Supplementary Table 3. Univariate logistic regressions for each demographic variable predicting RA diagnosis.

Exposure		OR (CI95%)	p-value
Gender	Females vs males	7.8 (1.8-33.7)	0.006
Age	31-54 vs 55+ years	1.6 (0.4-5.8)	0.498
Educational level	Middle vs low	0.3 (0.1-0.9)	0.024
	High vs low	1.6 (0.3-8.0)	0.533
Civil status	Single vs married	0.5 (0.2-1.9)	0.344
	Stable couple vs married	0.1 (0.0-0.5)	0.011
	Separated/divorced vs married	0.5 (0.1-2.8)	0.459
	Widow vs married	0.7 (0.1-3.8)	0.673
Work status	Unemployed vs Paid Employment	0.4 (0.0-5.7)	0.526
	Housewife vs Paid Employment	3.5 (0.5-26.8)	0.222
	Retired vs Paid Employment	1.9 (0.3-11.8)	0.483
	Permanently Disabled vs Paid Employment	24.6 (3.7-163.9)	0.001
	Student vs Paid Employment		
	Other vs Paid Employment	12.3 (0.9-161.9)	0.057
Place of residence	Rural vs Urban	0.4 (0.1-1.5)	0.175

Supplementary Table 4. Multivariate logistic regression including all significant variables in the univariate logistic models predicting RA diagnosis.

Exposure		OR (CI95%)	p-value
Gender	Females vs males	22.7 (4.3-119.7)	<0.001
Educational level	Middle vs low	0.4 (0.1-1.3)	0.135
	High vs low	4.0 (0.9-18.9)	0.075
Civil status	Single vs married	0.4 (0.1-1.7)	0.220
	Stable couple vs married	0.1 (0.0-0.6)	0.016
	Separated/divorced vs married	0.5 (0.1-2.9)	0.419
	Widow vs married	0.2 (0.0-1.8)	0.151
Work status	Unemployed vs Paid Employment	0.7 (0.1-9.9)	0.818
	Housewife vs Paid Employment	1.8 (0.2-17.4)	0.615
	Retired vs Paid Employment	1.8 (0.3-10.2)	0.492
	Permanently Disabled vs Paid Employment	81.8 (11.2-599.0)	<0.001
	Student vs Paid Employment	-	-
	Other vs Paid Employment	-	-