

TABLES S1-S12

Table S1. Baseline characteristics by country of the 3920 patients analyzed in the COMORA study

Country	Number of patients	Female (%)	Age (years) Mean±SD	Current smoker (%)	University level (%)	Married (%)	BMI overweight (%)	Currently employed (%)
Argentina	200	88	56 ± 12	12	14	67	40	28
Austria	204	82	59 ± 13	48	9	65	37	30
Egypt	308	85	48 ± 11	7	20	79	31	25
France	411	82	58 ± 12	16	28	66	30	33
Germany	209	73	59 ± 12	17	16	65	34	35
Hungary	201	89	59 ± 13	23	26	56	36	25
Italy	228	77	61 ± 12	12	5	77	40	25
Japan	207	81	63 ± 13	0	19	70	15	34
Korea	400	84	56 ± 12	9	25	81	18	30
Morocco	227	86	48 ± 13	1	16	70	39	16
Netherlands	139	66	59 ± 14	41	75	86	0	36
Spain	200	79	58 ± 12	9	16	70	33	35
Taiwan	313	82	54 ± 13	9	20	79	26	35
UK	43	79	59 ± 13	12	33	67	34	37
Uruguay	30	87	58 ± 11	7	13	62	40	40
USA	400	77	56 ± 14	14	59	64	33	46
Venezuela	200	91	54 ± 11	7	20	50	37	28
Total	3920	82	56 ± 13	13	25	70	31	31

Table S2. Characteristics of rheumatoid arthritis by country among the 3920 patients analyzed in the COMORA study

Country	Number of patients	Duration Mean±SD	DAS28-ESR Mean±SD	HAQ Mean±SD	Current prednisone intake (%)	NSAID intake (%)	MTX (ever) (%)	Biotherapy (any, ever) (%)
Argentina	200	11±9	4.0±1.3	1.1±0.6	54	65	97	45
Austria	204	11±10	3.3±1.3	1.0±0.6	32	50	94	59
Egypt	308	8±7	5.3±1.5	1.3±0.7	58	66	95	7
France	411	14±10	3.1±1.5	0.9±0.6	45	33	92	69
Germany	209	10±8	3.6±1.6	1.0±0.6	78	46	91	53
Hungary	201	10±9	3.9±1.3	1.4±0.7	48	52	93	23
Italy	228	11±9	3.7±1.4	1.0±0.6	68	39	79	44
Japan	207	9±9	3.1±1.3	0.9±0.6	35	46	79	44
Korea	400	7±6	3.5±1.4	0.9±0.6	74	78	91	14
Morocco	227	7±7	5.2±1.6	1.5±0.8	82	25	81	24
Netherlands	139	NA±NA	2.6±1.1	1.2±0.6	13	42	91	41
Spain	200	10±8	3.3±1.4	1.1±0.7	53	56	97	43
Taiwan	313	8±6	3.8±1.3	0.7±0.5	75	94	88	14
UK	43	12±14	3.7±1.5	1.2±0.7	9	37	98	77
Uruguay	30	8±7	3.3±1.9	1.0±0.7	43	39	90	3
USA	400	8±10	3.6±1.4	1.0±0.6	27	53	80	54
Venezuela	200	8±7	3.9±1.5	0.9±0.6	70	67	86	60
Total	3920	10±9	3.7±1.6	1.0±0.7	54	55	89	39

Table S3. Prevalence of comorbidities: cardiovascular diseases by country

Country	Number of patients	Myocardial infarction (%)	Stroke (%)	Myocardial infarction OR Stroke (%)
Argentina	200	2	2	4
Austria	204	5	1	6
Egypt	308	3	2	5
France	411	3	2	5
Germany	209	7	3	10
Hungary	201	17	1	17
Italy	228	6	2	8
Japan	207	5	1	6
Korea	400	4	2	5
Morocco	227	1	1	1
Netherlands	139	7	5	12
Spain	200	5	1	6
Taiwan	313	2	1	3
UK	43	2	0	2
Uruguay	30	7	3	7
USA	400	5	3	8
Venezuela	200	2	1	2
Total	3920	5	2	6

Table S4. Prevalence of comorbidities: cancers by country

Country	Number of patients	Prostatic cancer (%)	Breast cancer (%)	Uterus cancer (%)	Colon cancer (%)	Cutaneous melanoma (%)	Basal cell carcinoma of skin (%)	Lung Cancer (%)	Lymphoma (%)
Argentina	200	0	2	1	0	0	0	1	1
Austria	204	0	3	3	1	2	3	1	0
Egypt	308	0	0	0	0	0	0	0	0
France	411	1	5	2	2	1	4	0	1
Germany	209	4	3	2	1	1	2	0	1
Hungary	201	0	3	2	1	0	5	0	0
Italy	228	2	2	2	1	1	3	1	0
Japan	207	0	2	5	1	1	0	0	1
Korea	400	0	1	1	0	0	0	1	0
Morocco	227	0	0	1	0	1	1	1	0
Netherlands	139	2	6	0	1	0	6	0	0
Spain	200	0	2	1	1	1	3	0	0
Taiwan	313	0	1	0	0	0	0	0	0
UK	43	0	0	9	0	0	0	5	0
Uruguay	30	0	0	4	0	0	0	0	0
USA	400	6	3	2	1	2	6	0	2
Venezuela	200	5	3	2	1	1	1	1	0
Total	3920	2	2	2	1	1	2	0	0

Table S5. Prevalence of comorbidities: hepatitis by country

Country	Number of patients	Hepatitis B (%)	Hepatitis C (%)
Argentina	200	2	1
Austria	204	2	1
Egypt	308	0	7
France	411	2	0
Germany	209	4	1
Hungary	201	2	2
Italy	228	9	7
Japan	207	1	2
Korea	400	2	0
Morocco	227	1	2
Netherlands	139	1	0
Spain	200	5	1
Taiwan	313	7	5
UK	43	0	0
Uruguay	30	0	0
USA	400	3	2
Venezuela	200	2	1
Total	3920	3	2

Table S6. Prevalence of comorbidities: gastrointestinal diseases by country

Country	Number of patients	Gastrointestinal ulcers (%)	Diverticulitis requiring surgery (%)
Argentina	200	10	0.0
Austria	204	12	9.8
Egypt	308	22	0.0
France	411	7	7.3
Germany	209	14	14.4
Hungary	201	16	0.0
Italy	228	8	8.8
Japan	207	14	0.0
Korea	400	12	10.0
Morocco	227	1	0.0
Netherlands	139	1	0.0
Spain	200	3	0.0
Taiwan	313	19	0.0
UK	43	9	0.0
Uruguay	30	10	0.0
USA	400	11	5.0
Venezuela	200	1	0.0
Total	3920	11	0.4

Table S7. Prevalence of comorbidities: pulmonary and psychiatric diseases by country

Country	Number of patients	COPD (%)	Asthma (%)	Depression (%)
Argentina	200	6	4	18
Austria	204	5	2	19
Egypt	308	2	7	10
France	411	2	7	21
Germany	209	4	5	17
Hungary	201	8	11	15
Italy	228	5	3	19
Japan	207	1	5	5
Korea	400	1	1	4
Morocco	227	1	1	2
Netherlands	139	7	4	7
Spain	200	2	5	27
Taiwan	313	0	4	4
UK	43	7	9	28
Uruguay	30	7	7	30
USA	400	8	21	33
Venezuela	200	2	12	15
Total	3920	4	7	15

COPD: chronic pulmonary disease

Table S8. Prevalence of risk factors for cardiovascular disease by country

Country	Number of patients	Current smoker (%)	Family history (%)	Hypertension (%)	Diabetes (%)	Dyslipidemia (%)	Framingham score >20% (%)
Argentina	200	20	16	41	6	36	40
Austria	204	48	13	52	12	45	59
Egypt	308	11	13	34	17	11	29
France	411	20	14	36	8	38	42
Germany	209	19	17	49	14	31	51
Hungary	201	29	14	57	15	46	49
Italy	228	22	23	54	15	39	59
Japan	207	17	11	37	12	34	48
Korea	400	11	7	40	21	23	35
Morocco	227	3	6	22	14	15	27
Netherlands	139	30	0	40	14	27	52
Spain	200	25	10	41	12	46	51
Taiwan	313	15	10	30	10	10	34
UK	43	23	23	35	7	16	51
Uruguay	30	30	24	57	13	63	57
USA	400	23	25	39	21	38	42
Venezuela	200	20	29	51	11	57	44
Total	3920	20	14	40	14	32	43

Table S9. Prevalence of selected risk factors for cancer by country

Country	Number of patients	Prostatic Family history (%)	Breast Family history (%)	Colon Family history (1) (%)	Colon IBD (2) (%)	Colon (1) OR (2) (%)	Skin naevi>40 (%)
Argentina	200	4	13	8	1	8	2
Austria	204	3	17	11	2	12	8
Egypt	308	0	5	2	0	2	0
France	411	1	9	10	1	11	8
Germany	209	2	12	6	1	7	8
Hungary	201	0	15	5	3	8	4
Italy	228	6	17	11	0	11	12
Japan	207	0	6	6	1	7	1
Korea	400	0	3	1	0	1	0
Morocco	227	0	2	1	0	0	1
Netherlands	139	2	1	1	1	2	1
Spain	200	0	18	12	2	13	8
Taiwan	313	2	5	5	2	6	3
UK	43	0	21	19	7	23	5
Uruguay	30	25	4	7	3	10	10
USA	400	5	27	12	5	15	3
Venezuela	200	17	10	3	1	3	1
Total	3920	2	11	6	1	7	4

IBD: inflammatory bowel disease

Table S10. Proportion of patients optimally monitored for cardiovascular disease by country

Country	Number of patients	Yearly risk evaluation (%)	Anti-thrombotic therapy (%)	Anti-hypertensive therapy (%)	Lipid Therapy (%)
Argentina	200	78	6	35	8
Austria	204	80	12	42	21
Egypt	308	15	10	22	6
France	411	65	8	29	20
Germany	209	39	15	46	17
Hungary	201	98	16	51	21
Italy	228	90	22	52	20
Japan	207	78	8	31	21
Korea	400	56	8	37	15
Morocco	227	71	4	20	7
Netherlands	139	20	20	35	13
Spain	200	82	9	31	30
Taiwan	313	45	4	22	5
UK	43	16	7	26	14
Uruguay	30	87	13	57	47
USA	400	27	24	38	25
Venezuela	200	97	16	48	33
Total	3920	59	12	35	17

Table S11. Proportion of patients optimally monitored for infectious diseases by country

Country	Number of patients	Yearly dentist visit (%)	Yearly influenza vaccination (%)	5 yearly pneumococcal vaccination (%)
Argentina	200	52	39	37
Austria	204	44	9	10
Egypt	308	24	1	2
France	411	56	29	57
Germany	209	74	42	19
Hungary	201	36	24	4
Italy	228	37	26	1
Japan	207	59	66	13
Korea	400	43	31	11
Morocco	227	9	0	0
Netherlands	139	0	0	0
Spain	200	42	7	18
Taiwan	313	42	9	1
UK	43	70	30	26
Uruguay	30	58	39	46
USA	400	52	46	29
Venezuela	200	31	18	12
Total	3920	42	25	17

Table S12. Proportion of patients optimally screened for cancer by country

Country	<u>Prostatic</u> (%)	<u>Breast</u> (%)	<u>Uterus</u> (%)	<u>Colon</u> (%)	<u>Skin</u> (%)
Argentina	35	62	75	11	52
Austria	70	58	77	43	49
Egypt	0	1	1	2	1
France	54	65	69	37	48
Germany	74	68	89	39	49
Hungary	89	66	88	13	72
Italy	44	57	61	32	28
Japan	16	25	37	44	2
Korea	23	60	63	27	3
Morocco	15	5	1	0	15
Netherlands	6	5	0	3	2
Spain	9	56	71	11	18
Taiwan	6	38	63	27	3
UK	43	47	33	22	7
Uruguay	100	67	81	18	17
USA	54	77	87	36	30
Venezuela	81	66	90	54	8
Total	38	52	59	27	24