

Supplementary Table 2. Univariate logistic regression analysis of the relation of individual ICPC-codes with IA development

ICPC	Description	Group	OR	CI	p-value
L20	Joint symptom/complaint NOS	Musculoskeletal	8.1	5.8 - 11.3	<0.01
L97	Chronic internal derangement knee	Musculoskeletal	5.9	1.6 - 21.8	<0.01
L11	Wrist symptom/complaint	Musculoskeletal	4.9	3.2 - 7.5	<0.01
NA	Other infectious symptoms	Infections	4.9	1.5 - 15.7	<0.01
L12	Hand/finger symptom/complaint	Musculoskeletal	4.0	3.1 - 5.1	<0.01
S91	Psoriasis	Chronic disease	3.7	2.5 - 5.4	<0.01
D94	Chronic enteritis/ulcerative colitis	Chronic disease	3.5	1.9 - 6.4	<0.01
T92	Gout	Chronic disease	3.5	2.6 - 4.7	<0.01
L29	Symptom/complaint musculoskeletal other	Musculoskeletal	2.9	1.9 - 4.4	<0.01
N93	Carpal tunnel syndrome	Musculoskeletal	2.7	1.9 - 4.0	<0.01
L92	Shoulder syndrome	Musculoskeletal	2.6	2.0 - 3.4	<0.01
L91	Osteoarthritis other	Chronic disease	2.6	1.9 - 3.5	<0.01
L19	Muscle symptom/complaint NOS	Musculoskeletal	2.5	1.6 - 4.0	<0.01
B80	Iron deficiency anaemia	RA-related diseases	2.4	1.6 - 3.6	<0.01
B81	Anaemia, Vitamin B12/folate deficiency	RA-related diseases	2.4	1.5 - 3.6	<0.01
K94	Phlebitis/thrombophlebitis	RA-related diseases	2.3	1.4 - 3.8	<0.01
L08	Shouder symptom/complaint	Musculoskeletal	2.2	1.8 - 2.8	<0.01
L15	Knee symptom/complaint	Musculoskeletal	2.2	1.8 - 2.8	<0.01
L17	Foot/toe symptom/complaint	Musculoskeletal	2.2	1.8 - 2.7	<0.01
L18	Muscle pain	Musculoskeletal	2.2	1.7 - 3.0	<0.01
A01	Pain general/multiple sites	Musculoskeletal	2.2	1.4 - 3.5	<0.01
N94	Peripheral neuritis/neuropathy	Musculoskeletal	2.1	1.4 - 2.9	<0.01
T83	Overweight	RA-related diseases	2.1	1.04 - 4.3	0.04*
L16	Ankle symptom/complaint	Musculoskeletal	2.0	1.2 - 3.4	<0.01
L01	Neck syptom/complaint	Musculoskeletal	1.9	1.5 - 2.4	<0.01
L02	Back symptom/complaint	Musculoskeletal	1.9	1.5 - 2.3	<0.01
L89	Osteoarthritis of hip	Chronic disease	1.9	1.3 - 2.7	<0.01
L09	Arm symptom/complaint	Musculoskeletal	1.9	1.2 - 3.0	<0.01
L04	Chest symptom/complaint	Musculoskeletal	1.8	1.4 - 2.3	<0.01
L13	Hip symptom/complaint	Musculoskeletal	1.8	1.3 - 2.5	<0.01
A80	Trauma/injury NOS	Musculoskeletal	1.8	1.1 - 2.7	0.01
L90	Osteoarthritis of knee	Chronic disease	1.7	1.3 - 2.3	<0.01
NA	Urinary tract symptoms	Infections	1.6	1.3 - 1.8	<0.01
D12	Constipation	RA-related diseases	1.6	1.2 - 2.0	<0.01
NA	Viral and bacterial symptoms	Infections	1.6	1.2 - 2.1	<0.01
T86	Hypothyreoidism/myxoedema	Chronic disease	1.6	1.2 - 2.0	<0.01
NA	Genital problems	Infections	1.6	1.2 - 2.1	<0.01

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L95	Osteoporosis	Chronic disease	1.5	1.1 - 2.0	<0.01
K90	Stroke/cerebrovascular accident	Chronic disease	1.5	1.1 - 2.0	0.02
D11	Diarrhoea	RA-related diseases	1.5	1.03 - 2.3	0.04*
NA	General symptoms	Infections	1.4	1.2 - 1.7	<0.01
NA	Skin symptoms	Infections	1.4	1.2 - 1.7	<0.01
R05	Cough	RA-related diseases	1.4	1.2 - 1.7	<0.01
L03	Low back symptom/complaint	Musculoskeletal	1.4	1.1 - 1.7	<0.01
NA	Lung symptoms	Infections	1.4	1.1 - 1.7	<0.01
D06	Abdominal pain localized other	RA-related diseases	1.4	1.1 - 1.9	<0.01
R02	Shortness of breath/dyspnoea	RA-related diseases	1.4	1.04 - 2.0	0.03*
NA	Mouth symptoms	Infections	1.4	1.02 - 1.9	0.03*
K74	Ischaemic heart disease w. angina	Chronic disease	1.4	1.01 - 1.9	0.04*
K86	Hypertension uncomplicated	Chronic disease	1.3	1.1 - 1.5	<0.01
R96	Asthma	Chronic disease	1.3	1.03 - 1.6	0.03*
K78	Atrial fibrillation/flutter	RA-related diseases	1.3	1.02 - 1.8	0.04*
K87	Hypertension complicated	Chronic disease	1.3	1.01-1.8	0.04*
L14	Leg/thigh symptom/complaint	Musculoskeletal	1.3	1.01 - 1.7	0.04*
NA	Ear, nose and throat symptoms	Infections	1.2	1.08 - 1.4	<0.01
T90	Diabetes mellitus	Chronic disease	1.2	1.1 - 1.5	<0.01
<p>*These variables lost their significance after multiple testing correction using false positive rate control Abbreviations: OR: odds ratio; CI: 95% confidence interval; NA: not applicable; NOS: not otherwise specified; IA: inflammatory arthritis</p>					