

**Supplementary Table 2.** Medical conditions that were statistically significant more prevalent in subjects with interstitial cystitis in subjects with depression

Condition	RR	95% CI	
		Lower	Upper
gender = FEMALE	1.43	1.39	1.36
Pain of truncal structure	1.83	1.65	1.48
Pain	1.41	1.32	1.23
Pain finding at anatomical site	1.41	1.32	1.23
Inflammation of specific body organs	1.39	1.30	1.22
Inflammation of specific body systems	1.34	1.26	1.19
Pain of head and neck region	2.13	1.82	1.56
Arthropathy	1.57	1.41	1.27
Soft tissue lesion	1.58	1.42	1.27
Acute respiratory disease	1.61	1.43	1.28
Ear, nose and throat disorder	1.47	1.33	1.20
Neoplastic disease	1.80	1.56	1.35
Skin or mucosa lesion	1.78	1.54	1.34
Lesion of skin and/or skin-associated mucous membrane	1.80	1.55	1.34
Inflammatory disorder of digestive system	1.88	1.61	1.37
Inflammatory disorder of the respiratory system	1.47	1.32	1.19
Inflammatory disorder of the respiratory tract	1.47	1.32	1.18
Benign neoplastic disease	1.97	1.67	1.41
Acute inflammatory disease	1.63	1.42	1.25
Backache	1.99	1.67	1.41
Skin lesion	1.77	1.52	1.31
Inflammatory disorder of digestive tract	1.89	1.61	1.36
Musculoskeletal pain	1.64	1.43	1.24
Abdominal pain	2.27	1.87	1.53
Inflammatory disorder of upper respiratory tract	1.54	1.35	1.19
Muscle pain	3.08	2.44	1.93
Vascular disorder	1.79	1.52	1.29
Osteoarthritis	1.97	1.64	1.37
Degenerative disorder of musculoskeletal system	1.97	1.64	1.37
Headache disorder	3.36	2.64	2.07
Female reproductive system disorder	2.49	2.01	1.62
Mass of trunk	1.97	1.64	1.37
Chest pain	2.13	1.74	1.43
Low back pain	2.18	1.78	1.45
Cartilage disorder	1.96	1.62	1.35
Craniofacial pain	2.18	1.77	1.44

Lesion of joint	1.83	1.53	1.28
Traumatic injury	1.61	1.38	1.18
Musculoskeletal and connective tissue disorder	1.46	1.29	1.13
Inflammatory disorder of head	1.45	1.28	1.13
Headache	2.34	1.88	1.50
Gastroesophageal reflux disease	2.11	1.71	1.39
Migraine	3.39	2.59	1.98
Vascular headache	3.38	2.59	1.98
Intervertebral disc disorder	2.50	1.97	1.56
Cough	2.23	1.78	1.43
Functional finding of respiratory tract	2.22	1.78	1.43
Sinusitis	1.81	1.50	1.24
Neoplasm of integumentary system	1.95	1.59	1.30
Mass of skin	1.87	1.54	1.26
Neoplasm of skin	1.95	1.59	1.30
Viral disease	2.11	1.69	1.36
Neoplasm of soft tissue	1.91	1.56	1.28
Acute sinusitis	1.94	1.58	1.29
Neuropathy	1.92	1.57	1.28
Mass of soft tissue	1.80	1.49	1.23
Neck pain	2.56	1.99	1.55
Malaise and fatigue	1.64	1.38	1.16
Malaise	1.64	1.38	1.16
Generally unwell	1.64	1.38	1.16
Lesion of neck	2.88	2.21	1.69
Perimenopausal disorder	3.12	2.36	1.79
Soft tissue injury	1.97	1.58	1.28
Peripheral nerve disease	1.98	1.59	1.28
Benign neoplasm of trunk	2.42	1.88	1.46
Nausea	3.01	2.27	1.71
Musculoskeletal disorder of the neck	2.50	1.93	1.48
Sprain of joint	2.16	1.70	1.33
Sprain of ligament	2.16	1.70	1.33
Ligament injury	2.16	1.70	1.33
Neoplasm of trunk	2.01	1.60	1.28
Inflammatory disorder of genitourinary system	3.36	2.48	1.83
Degeneration of intervertebral disc	2.63	2.00	1.52
Degenerative disorder of cartilage	2.63	2.00	1.52
Benign neoplasm of soft tissue	1.93	1.54	1.23
Neoplastic disease of uncertain behavior	2.64	1.99	1.50
Inflammatory disease of female genital structure	3.49	2.54	1.85
Menopausal syndrome	3.15	2.32	1.70

Benign neoplasm of skin	1.92	1.52	1.21
Inflammatory disease of mucous membrane	1.68	1.37	1.12
Joint injury	1.90	1.51	1.20
Abdominal mass	2.29	1.75	1.34
Upper abdominal pain	3.40	2.46	1.78
Inflammatory disorder of musculoskeletal system	1.76	1.42	1.14
Inflamed joint	2.05	1.60	1.24
Arthritis	2.05	1.60	1.24
Measurement finding outside reference range	1.74	1.41	1.13
Acute tracheobronchitis	2.08	1.61	1.25
Major depressive disorder	1.48	1.25	1.06
Osteochondropathy	2.10	1.62	1.25
Joint pain	1.52	1.27	1.07
Pain in limb	1.47	1.24	1.05
Recurrent major depressive episodes	1.51	1.26	1.06
Recurrent depression	1.51	1.26	1.06
Recurrent major depression	1.51	1.26	1.06
Recurrent disease	1.46	1.23	1.05
Chronic disease of respiratory system	1.77	1.41	1.13
Tracheobronchitis	1.81	1.44	1.14
Inflammatory disorder of lower respiratory tract	1.73	1.39	1.12
Chronic mental disorder	1.49	1.25	1.05
Head and neck injury	2.47	1.84	1.37
Esophagitis	3.64	2.57	1.82
Vaginitis	3.63	2.57	1.81
Chronic inflammatory disorder	1.90	1.49	1.16
Pharyngitis	1.95	1.51	1.18
Acute bronchitis	2.03	1.56	1.20
Pelvic mass	2.74	1.99	1.45
Tracheobronchial disorder	1.64	1.33	1.08
Visual system disorder	1.42	1.20	1.02
Degeneration of lumbosacral intervertebral disc	2.95	2.11	1.51
Degeneration of lumbar intervertebral disc	2.95	2.11	1.51
Neoplasm of uncertain behavior of soft tissues	2.55	1.87	1.36
Bronchitis	1.77	1.40	1.10
Neoplasm of abdomen	2.45	1.80	1.32
Neoplasm of uncertain behavior of skin	2.59	1.89	1.37
Lesion of breast	2.58	1.88	1.37
Acute digestive system disorder	1.88	1.45	1.13
Allergic disorder by body site affected	1.68	1.34	1.07
Pain in lower limb	1.90	1.46	1.13
Allergic rhinitis	1.76	1.38	1.09

Neoplasm of digestive system	2.97	2.10	1.48
Recurrent major depressive episodes, moderate	1.71	1.35	1.07
Neoplasm of skin region	2.29	1.69	1.25
IgE-mediated allergic disorder	1.71	1.35	1.07
Heart disease	1.65	1.32	1.06
Allergic condition	1.64	1.31	1.05
Central abdominal pain	3.91	2.66	1.81
Acute pharyngitis	1.93	1.48	1.13
Rhinitis	1.69	1.34	1.06
Epigastric pain	4.11	2.77	1.87
Neoplasm of intra-abdominal organs	2.49	1.80	1.30
Female genital organ symptoms	4.49	3.00	2.00
Gastro-esophageal reflux disease with esophagitis	4.08	2.75	1.85
Atopic IgE-mediated allergic disorder	1.70	1.35	1.06
Mass of digestive structure	2.84	2.01	1.42
Allergic disorder of respiratory system	1.70	1.34	1.06
Finding related to menstrual cycle	2.33	1.71	1.25
Functional disorder of intestine	2.46	1.78	1.29
Radiology result abnormal	2.35	1.71	1.25
Imaging result abnormal	2.35	1.71	1.25
Palpitations	3.06	2.12	1.46
Finding related to awareness of heart beat	3.06	2.12	1.46
Benign neoplasm of abdomen	2.68	1.89	1.34
Asthma	2.01	1.50	1.13
Neck sprain	4.15	2.74	1.81
Mass of female genital structure	2.92	2.02	1.39
Measurement finding below reference range	1.95	1.47	1.10
Atrophic mucosa	5.36	3.42	2.18
Neuralgia	3.75	2.48	1.64
Peripheral neuralgia	3.75	2.48	1.64
Enthesopathy	2.48	1.75	1.24
Neoplasm of digestive organ	2.87	1.97	1.35
Disorders of initiating and maintaining sleep	1.82	1.38	1.05
Inflammation of vulva	3.59	2.37	1.57
Vulvovaginitis	3.59	2.37	1.57
Vulvitis	3.58	2.37	1.56
Mass of urogenital structure	2.60	1.81	1.26
Vulvovaginal disease	3.55	2.35	1.55
Gastritis	3.11	2.10	1.41
Benign tumor of head and neck	3.53	2.33	1.54
Abnormal findings on diagnostic imaging of breast	3.05	2.06	1.39
Benign neoplasm of intra-abdominal organs	2.55	1.77	1.24

Benign tumor of digestive organ	3.03	2.04	1.38
Neoplasm of digestive tract	2.72	1.87	1.28
Mass in head or neck	2.41	1.69	1.19
Vaginitis and vulvovaginitis	3.52	2.30	1.51
Acute maxillary sinusitis	3.79	2.45	1.58
Respiratory symptom	2.36	1.66	1.16
Dyspnea	2.04	1.48	1.08
Right sided abdominal pain	3.42	2.24	1.46
Hemoglobin low	1.90	1.41	1.05
RBC count abnormal	1.90	1.41	1.05
RBC count low	1.90	1.41	1.05
Hemoglobin level outside reference range	1.90	1.41	1.05
Irritable bowel syndrome	3.70	2.39	1.54
Difficulty breathing	2.03	1.48	1.08
Arthritis of spine	2.21	1.57	1.12
Neuropathy of lower limb	2.95	1.97	1.32
Maxillary sinusitis	3.08	2.04	1.35
Insomnia	1.82	1.36	1.02
Ankylosis of spine	2.23	1.57	1.11
Spondylosis	2.23	1.57	1.11
Right upper quadrant pain	4.69	2.91	1.80
Displacement of lumbar intervertebral disc without myelopathy	3.20	2.09	1.37
Prolapsed lumbar intervertebral disc	3.20	2.09	1.37
Intervertebral disc prolapse	3.20	2.09	1.37
Neoplasm of head and neck	2.58	1.75	1.19
Ankylosis of joint	2.20	1.55	1.10
Allergic disorder by allergen type	3.12	2.04	1.33
Sciatica	3.59	2.29	1.46
Pain in thoracic spine	3.28	2.12	1.37
Bone pain	3.28	2.12	1.37
Thoracic back pain	3.28	2.12	1.37
Pain in spine	3.28	2.12	1.37
Nutritional deficiency disorder	2.16	1.52	1.08
Sciatic neuropathy	3.51	2.24	1.43
Inflamed seborrheic keratosis	3.80	2.39	1.51
Bleeding	2.09	1.49	1.06
Thoracic radiculitis	2.49	1.69	1.15
Arthralgia of the pelvic region and thigh	2.57	1.73	1.17
Arthralgia of the lower leg	1.96	1.42	1.03
Electrocardiogram abnormal	3.16	2.04	1.32
Thoracic radiculopathy	2.47	1.68	1.14
Radiculitis	2.08	1.48	1.05

Spinal injury	2.38	1.63	1.12
Peripheral neuritis	1.95	1.41	1.02
Neuritis	1.88	1.38	1.01
Inflammatory neuropathy	1.88	1.38	1.01
Human papilloma virus infection	2.43	1.65	1.12
Disease due to Papilloma virus	2.43	1.65	1.12
Disease due to Papillomaviridae	2.43	1.65	1.12
Fever	2.90	1.90	1.24
Body temperature above reference range	2.90	1.90	1.24
Allergic rhinitis due to pollen	3.07	1.98	1.28
Seasonal allergic rhinitis	3.07	1.98	1.28
Abnormal body temperature	2.87	1.88	1.23
Chronic pain	3.86	2.39	1.48
Articular cartilage disorder	2.04	1.45	1.03
Undernutrition	2.13	1.49	1.05
Nerve root disorder	2.02	1.44	1.02
Dizziness and giddiness	2.06	1.46	1.03
Dizziness	2.06	1.46	1.03
Giddiness	2.06	1.46	1.03
Mycosis	2.11	1.48	1.04
Chronic digestive system disorder	2.92	1.88	1.22
Benign neoplasm of skin of trunk	2.75	1.80	1.18
Traumatic and/or non-traumatic injury of back	2.26	1.55	1.06
Spondylosis without myelopathy	2.70	1.77	1.16
Vitamin deficiency	2.17	1.50	1.04
Mass of head	2.47	1.65	1.10
Vitamin disease	2.17	1.50	1.04
Autoimmune disease	3.22	2.03	1.27
Eruption	2.56	1.69	1.12
Neoplasm of pelvis	2.78	1.80	1.16
Deficiency of micronutrients	2.13	1.47	1.02
Neoplasm of gastrointestinal tract	2.62	1.71	1.12
Abnormal cervical Papanicolaou smear	4.10	2.45	1.47
Arthropathy of knee joint	2.06	1.44	1.00
Neoplasm of head	2.72	1.75	1.13
Benign neoplasm of gastrointestinal tract	2.71	1.75	1.13
Nausea and vomiting	2.86	1.83	1.16
Anorectal disorder	4.49	2.63	1.54
Lesion of uterus	3.24	2.01	1.24
Localized, primary osteoarthritis	2.54	1.66	1.09
Breast lump	2.34	1.56	1.04
Abnormal cervical smear	3.84	2.30	1.37

Cervical smear result	3.84	2.30	1.37
Abnormal cytology findings	3.76	2.25	1.35
Neoplasm of skin of trunk	2.50	1.64	1.07
Generalized abdominal pain	3.40	2.07	1.26
Chronic sinusitis	2.23	1.50	1.01
Cervical disc disorder	3.10	1.92	1.19
Left sided abdominal pain	4.13	2.42	1.42
Mass of ovary	3.48	2.08	1.25
Mass of uterine adnexa	3.46	2.07	1.24
Lesion of ovary	3.44	2.06	1.23
Sprain of spinal ligament	2.48	1.60	1.04
Degeneration of cervical intervertebral disc	3.12	1.90	1.16
Lesion of lung	3.76	2.21	1.29
Contusion of lower limb	3.69	2.16	1.27
Respiratory tract infection	2.44	1.58	1.02
Specific body function causing pain	4.15	2.38	1.36
Lumbosacral spondylosis without myelopathy	2.69	1.69	1.06
Lumbosacral spondylosis	2.69	1.69	1.06
Complication of procedure	2.55	1.63	1.04
Excessive and frequent menstruation	3.62	2.13	1.25
Polymenorrhea	3.62	2.13	1.25
Precordial pain	4.06	2.33	1.34
Panic disorder without agoraphobia	2.98	1.82	1.11
Lower abdominal pain	3.20	1.91	1.15
Panic disorder	2.73	1.69	1.05
Menorrhagia	3.34	1.96	1.15
Abnormal menstrual cycle	3.32	1.95	1.14
Lumbar sprain	3.30	1.94	1.14
Neoplasm of female genital organ	3.23	1.89	1.11
Mitral valve disorder	2.73	1.67	1.02
Hearing disorder	2.72	1.66	1.01
Benign neoplasm of pelvis	3.25	1.86	1.07
Enteritis of small intestine	2.95	1.73	1.02

RR, relative risk; CI, confidence interval.