

Additional file 1 - Table 1: Descriptive Statistics and Moran's *I* for Cancer Sites Examined in Wellington-Dufferin-Guelph

Cancer Site (ICD-9 code)*	Sex	Observed	Expected	SIR	SIR 95% CI	Median observed value [◇]	Range observed (min, max) [◇]	Bootstrap Moran's <i>I</i>	
								<i>I</i>	p value [†] $\alpha=0.002$
Prostate (185)	Male	735	759.07	0.97	0.90-1.04	2	0,22	0.11	0.002
Breast (174)	Female	702	699.33	1.00	0.93-1.08	2	0,3	0.02	0.296
Colorectal (153,154)	Female	340	317.06	1.07	0.96-1.19	1	0,8	0.03	0.129
	Male	331	363.47	0.91	0.82-1.02	1	0,6	0.01	0.348
Lung (162)	Female	265	297.89	0.89	0.79-1.00	1	0,5	0.04	0.102
	Male	337	397.53	0.85	0.76-0.94	1	0,7	0.13	<0.001
Melanoma (172)	Female	104	78.30	1.33	1.10-1.61	0	0,3	-0.005	0.490
	Male	107	93.68	1.14	0.95-1.38	0	0,3	0.08	0.010
Non-Hodgkin's Lymphoma (200,202)	Female	91	107.75	0.84	0.68-1.04	0	0,3	-0.08	0.994
	Male	95	130.86	0.73	0.59-0.89	0	0,3	0.03	0.155
Bladder (188)	Female	39	45.56	0.86	0.61-1.17	0	0,2	0.04	0.078
	Male	129	134.24	0.96	0.81-1.14	0	0,3	0.01	0.315
Leukemia (204, 205, 206, 207, 208)	Female	66	62.49	1.06	0.82-1.34	0	0,2	0.02	0.203
	Male	82	90.71	0.90	0.72-1.12	0	0,3	-0.03	0.799
Thyroid (193)	Female	82	100.26	0.82	0.65-1.02	0	0,4	-0.07	0.987
	Male	24	27.22	0.88	0.56-1.31	0	0,2	0.01	0.308
Ovarian (183)	Female	93	103.22	0.90	0.73-1.10	0	0,3	0.02	0.217
Acute Leukemia (204.0, 205.0, 206.0, 207.0, 208.0)	Female	29	24.51	1.18	0.79-1.70	0	0,1	0.05	0.077
	Male	37	32.54	1.14	0.80-1.57	0	0,3	-0.01	0.582
Testicular (186)	Male	39	33.40	1.17	0.83-1.60	0	0,2	0.02	0.258
Liver (155)	Female	7	15.19	0.46	0.19-0.98	0	0,1	-0.01	0.464
	Male	17	38.44	0.44	0.26-0.72	0	0,1	-0.02	0.654
Childhood leukemia (204, 205, 206, 207, 208)	Female	9	4.84	1.86	0.85-3.53	0	0,1	-0.03	0.984
	Male	6	6.80	0.88	0.32-1.92	0	0,1	-0.01	0.577
Smoking related sites exc. Lung (140-149, 150, 161, 188, 189)	Female	313	324.17	0.97	0.86-1.08	1	0,7	0.01	0.321
	Male	707	758.41	0.93	0.87-1.00	2	0,12	-0.01	0.577
Bladder & Kidney (188, 189)	Female	188	202.18	0.93	0.81-1.07	0	0,5	0.01	0.388
	Male	402	449.93	0.89	0.81-0.99	1	0,10	-0.04	0.871
Upper aero-digestive (140-149, 150, 161)	Female	125	121.99	1.02	0.86-1.22	0	0,4	-0.02	0.658
	Male	305	308.48	0.99	0.88-1.11	1	0,7	0.002	0.426

Significant Moran's *I*, after Bonferroni correction, displayed in **bold**

*0-89+ years examined for all cancers, except 0-14 year olds examined for childhood leukemia

[◇]among all dissemination areas in WDG

[†] one tailed test, adjusted for 24 multiple tests using Bonferroni correction, i.e., $\alpha<0.002$.