

Table S1. Observed cases and expected cases under each scenario, and goodness of fit measures. Men.

Cancer site	Scenario	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	MAPE
Colon	O	138	203	156	180	172	227	208	214	243	222	
	E(C1)	138 (0.0%)	172 (15.3%)	179 (14.7%)	164 (8.9%)	195 (13.4%)	186 (18.1%)	222 (6.7%)	211 (1.4%)	215 (11.5%)	230 (3.6%)	9.36
	E(C3)	136 (1.4%)	165 (18.7%)	173 (10.9%)	163 (9.4%)	190 (10.5%)	189 (16.7%)	215 (3.4%)	211 (1.4%)	217 (10.7%)	229 (3.2%)	8.63
	E(C5)	133 (3.6%)	158 (22.2%)	167 (7.1%)	149 (17.2%)	180 (4.7%)	174 (23.3%)	206 (1.0%)	194 (9.3%)	203 (16.5%)	214 (3.6%)	10.84
	E(L)	141 (2.2%)	182 (10.3%)	187 (19.9%)	178 (1.1%)	207 (20.3%)	199 (12.3%)	233 (12.0%)	227 (6.1%)	228 (6.2%)	245 (10.4%)	10.08
	E(Q)	151 (9.4%)	230 (13.3%)	232 (48.7%)	161 (10.6%)	231 (34.3%)	158 (30.4%)	281 (35.1%)	207 (3.3%)	193 (20.6%)	229 (3.2%)	20.88
Rectum	O	90	97	93	95	115	136	112	110	115	121	
	E(C1)	68 (24.4%)	74 (23.7%)	71 (23.7%)	90 (5.3%)	127 (10.4%)	105 (22.8%)	137 (22.3%)	135 (22.7%)	96 (16.5%)	112 (7.4%)	17.93
	E(C3)	71 (21.1%)	73 (24.7%)	69 (25.8%)	87 (8.4%)	118 (2.6%)	101 (25.7%)	131 (17.0%)	129 (17.3%)	96 (16.5%)	110 (9.1%)	16.83
	E(C5)	62 (31.1%)	65 (33.0%)	66 (29.0%)	79 (16.8%)	107 (7.0%)	98 (27.9%)	120 (7.1%)	119 (8.2%)	93 (19.1%)	92 (24.0%)	20.33
	E(L)	76 (15.6%)	83 (14.4%)	75 (19.4%)	100 (5.3%)	143 (24.3%)	109 (19.9%)	151 (34.8%)	147 (33.6%)	99 (13.9%)	132 (9.1%)	19.03
	E(Q)	47 (47.8%)	73 (24.7%)	89 (4.3%)	107 (12.6%)	216 (87.8%)	147 (8.1%)	182 (62.5%)	176 (60.0%)	95 (17.4%)	111 (8.3%)	33.35
Lung	O	307	350	332	344	377	317	348	312	353	351	
	E(C1)	307 (0.0%)	346 (1.1%)	338 (1.8%)	326 (5.2%)	348 (7.7%)	324 (2.2%)	320 (8.0%)	366 (17.3%)	362 (2.5%)	353 (0.6%)	4.66
	E(C3)	310 (1.0%)	343 (2.0%)	331 (0.3%)	322 (6.4%)	341 (9.5%)	319 (0.6%)	313 (10.1%)	356 (14.1%)	354 (0.3%)	350 (0.3%)	4.46
	E(C5)	313 (2.0%)	345 (1.4%)	336 (1.2%)	323 (6.1%)	333 (11.7%)	313 (1.3%)	299 (14.1%)	346 (10.9%)	343 (2.8%)	335 (4.6%)	5.60
	E(L)	303	344	336	327	358	331	336	379	375	369	

Prostate	E(Q)	(1.3%)	(1.7%)	(1.2%)	(4.9%)	(5.0%)	(4.4%)	(3.4%)	(21.5%)	(6.2%)	(5.1%)	5.49
		281	365	394	357	399	359	363	442	417	372	
		(8.5%)	(4.3%)	(18.7%)	(3.8%)	(5.8%)	(13.2%)	(4.3%)	(41.7%)	(18.1%)	(6.0%)	12.44
	O	327	351	405	442	478	498	463	519	494	447	
	E(C1)	224	295	269	242	266	340	330	325	486	663	
		(31.5%)	(16.0%)	(33.6%)	(45.2%)	(44.4%)	(31.7%)	(28.7%)	(37.4%)	(1.6%)	(48.3%)	31.84
	E(C3)	216	271	251	221	247	312	309	301	436	558	
		(33.9%)	(22.8%)	(38.0%)	(50.0%)	(48.3%)	(37.3%)	(33.3%)	(42.0%)	(11.7%)	(24.8%)	34.23
	E(C5)	160	192	181	159	173	218	218	214	306	356	
		(51.1%)	(45.3%)	(55.3%)	(64.0%)	(63.8%)	(56.2%)	(52.9%)	(58.8%)	(38.1%)	(20.4%)	50.58
E(L)	296	414	370	334	374	484	462	455	694	1,053		
	(9.5%)	(17.9%)	(8.6%)	(24.4%)	(21.8%)	(2.8%)	(0.2%)	(12.3%)	(40.5%)	(135.6%)	27.37	
E(Q)	250	468	388	410	383	547	468	496	932	1,948		
	(23.5%)	(33.3%)	(4.2%)	(7.2%)	(19.9%)	(9.8%)	(1.1%)	(4.4%)	(88.7%)	(335.8%)	52.80	
Bladder	O	257	245	245	253	251	275	264	265	312	268	
	E(C1)	234	226	266	305	259	259	275	243	268	259	
		(8.9%)	(7.8%)	(8.6%)	(20.6%)	(3.2%)	(5.8%)	(4.2%)	(8.3%)	(14.1%)	(3.4%)	8.48
	E(C3)	230	223	267	301	270	263	278	242	263	254	
		(10.5%)	(9.0%)	(9.0%)	(19.0%)	(7.6%)	(4.4%)	(5.3%)	(8.7%)	(15.7%)	(5.2%)	9.43
	E(C5)	205	202	239	273	249	248	271	239	253	237	
		(20.2%)	(17.6%)	(2.4%)	(7.9%)	(0.8%)	(9.8%)	(2.7%)	(9.8%)	(18.9%)	(11.6%)	10.17
	E(L)	262	247	294	334	275	271	281	247	279	277	
		(1.9%)	(0.8%)	(20.0%)	(32.0%)	(9.6%)	(1.5%)	(6.4%)	(6.8%)	(10.6%)	(3.4%)	9.30
	E(Q)	252	239	246	327	182	221	251	253	303	286	
	(1.9%)	(2.4%)	(0.4%)	(29.2%)	(27.5%)	(19.6%)	(4.9%)	(4.5%)	(2.9%)	(6.7%)	10.02	
Stomach	O	87	70	89	76	94	76	83	67	86	73	
	E(C1)	80	64	72	89	73	74	89	82	76	103	
		(8.0%)	(8.6%)	(19.1%)	(17.1%)	(22.3%)	(2.6%)	(7.2%)	(22.4%)	(11.6%)	(41.1%)	16.01
	E(C3)	79	65	72	87	73	73	85	79	74	98	
		(9.2%)	(7.1%)	(19.1%)	(14.5%)	(22.3%)	(3.9%)	(2.4%)	(17.9%)	(14.0%)	(34.2%)	14.47
	E(C5)	76	64	70	87	73	74	81	76	69	90	
	(12.6%)	(8.6%)	(21.3%)	(14.5%)	(22.3%)	(2.6%)	(2.4%)	(13.4%)	(19.8%)	(23.3%)	14.09	
E(L)	84	65	74	89	73	74	95	86	82	112		
	(3.4%)	(7.1%)	(16.9%)	(17.1%)	(22.3%)	(2.6%)	(14.5%)	(28.4%)	(4.7%)	(53.4%)	17.04	

	E(Q)	85 (2.3%)	56 (20.0%)	68 (23.6%)	107 (40.8%)	75 (20.2%)	82 (7.9%)	122 (47.0%)	105 (56.7%)	89 (3.5%)	144 (97.3%)	31.92
	O	784	891	824	872	876	939	892	950	924	947	
	E(C1)	758 (3.3%)	815 (8.5%)	821 (0.4%)	827 (5.2%)	883 (0.8%)	859 (8.5%)	939 (5.3%)	937 (1.4%)	952 (3.0%)	976 (3.1%)	3.94
	E(C3)	758 (3.3%)	815 (8.5%)	821 (0.4%)	825 (5.4%)	873 (0.3%)	851 (9.4%)	913 (2.4%)	911 (4.1%)	919 (0.5%)	938 (1.0%)	3.53
Other	E(C5)	702 (10.5%)	740 (16.9%)	763 (7.4%)	791 (9.3%)	821 (6.3%)	800 (14.8%)	846 (5.2%)	841 (11.5%)	862 (6.7%)	866 (8.6%)	9.71
	E(L)	812 (3.6%)	888 (0.3%)	877 (6.4%)	860 (1.4%)	936 (6.8%)	911 (3.0%)	1,015 (13.8%)	1,016 (6.9%)	1,020 (10.4%)	1,063 (12.2%)	6.49
	E(Q)	732 (6.6%)	777 (12.8%)	796 (3.4%)	826 (5.3%)	930 (6.2%)	900 (4.2%)	1,119 (25.4%)	1,117 (17.6%)	1,204 (30.3%)	1,259 (32.9%)	14.47