

Table S1. Bladder cancer incidence and mortality in 2020 by sex, world region, and human development index level

Region	Incidence							Mortality						
	Males			Females			M:F rate ratio	Males			Females			M:F rate ratio
	Cases, No. (%)	ASIR (95% CI)	Cum. Risk*	Cases, No. (%)	ASIR (95% CI)	Cum. Risk*		Deaths, No. (%)	ASMR (95% CI)	Cum. Risk*	Deaths, No. (%)	ASMR (95% CI)	Cum. Risk*	
Europe														
Northern Europe	17,151 (3.9)	13.8 (13.6-14.0)	4.77	6182 (4.7)	4.2 (4.1-4.3)	1.39	3.3	6678 (4.2)	4.3 (4.2-4.4)	2.32	2885 (5.4)	1.5 (1.5-1.6)	0.73	2.9
Western Europe	51,854 (11.8)	21.5 (21.3-21.7)	6.90	16,289 (12.3)	5.8 (5.7-5.9)	1.69	3.7	15,341 (9.7)	5.1 (5.1-5.2)	2.55	5525 (10.3)	1.4 (1.3-1.4)	0.64	3.6
Southern Europe	48,889 (11.1)	26.5 (26.2-26.8)	7.85	12,591 (9.5)	5.8 (5.7-6.0)	1.58	4.6	14,000 (8.8)	5.9 (5.8-6.0)	2.85	3931 (7.3)	1.2 (1.2-1.3)	0.56	4.9
Central and Eastern Europe	38,764 (8.8)	16.5 (16.4-16.7)	4.67	12,263 (9.3)	3.3 (3.3-3.4)	0.90	5.0	14,797 (9.3)	6.0 (5.9-6.1)	2.37	4132 (7.7)	0.9 (0.9-0.9)	0.36	6.7
America														
Northern America	69,080 (15.7)	18.1 (18.0-18.2)	6.29	20,917 (15.8)	4.7 (4.6-4.8)	1.52	3.9	15,129 (9.5)	3.5 (3.4-3.5)	1.80	5916 (11.0)	1.1 (1.1-1.1)	0.51	3.2
South America	19,618 (4.4)	7.6 (7.5-7.7)	2.75	7541 (5.7)	2.3 (2.2-2.4)	0.77	3.3	7067 (4.5)	2.6 (2.5-2.7)	1.26	3041 (5.7)	0.8 (0.8-0.8)	0.38	3.1
Central America	2963 (0.7)	3.5 (3.3-3.6)	1.11	1156 (0.9)	1.1 (1.1-1.2)	0.34	3.2	1207 (0.8)	1.3 (1.2-1.4)	0.58	483 (0.9)	0.4 (0.4-0.5)	0.18	3.0
Caribbean	1830 (0.4)	6.1 (5.8-6.4)	2.18	732 (0.6)	2.0 (1.8-2.2)	0.71	3.1	917 (0.6)	2.8 (2.6-3.0)	1.32	385 (0.7)	1.0 (0.9-1.1)	0.44	2.9
Asia														
Eastern Asia	102,408 (23.2)	7.3 (7.2-7.3)	2.59	29,908 (22.6)	1.8 (1.8-1.8)	0.63	4.1	39,717 (25.0)	2.7 (2.6-2.7)	1.41	14,489 (27.0)	0.8 (0.8-0.8)	0.40	3.6
South-Central Asia	29,000 (6.6)	3.2 (3.2-3.2)	0.88	6949 (5.2)	0.7 (0.7-0.7)	0.18	4.4	14,838 (9.3)	1.7 (1.6-1.7)	0.58	3405 (6.3)	0.4 (0.4-0.4)	0.13	4.7
South-Eastern Asia	14,620 (3.3)	4.6 (4.5-4.7)	1.56	4291 (3.2)	1.1 (1.1-1.1)	0.36	4.2	7857 (4.9)	2.6 (2.5-2.7)	1.22	2470 (4.6)	0.6 (0.5-0.6)	0.29	4.4
Western Asia	17,498 (4.0)	15.4 (15.1-15.7)	4.49	3417 (2.6)	2.6 (2.5-2.7)	0.77	5.9	6472 (4.1)	5.9 (5.7-6.1)	2.57	1362 (2.5)	1.0 (1.0-1.1)	0.44	6.0
Oceania														
Australia and New Zealand	2995 (0.7)	8.9 (8.6-9.2)	3.56	928 (0.7)	2.4 (2.2-2.6)	0.94	3.7	1160 (0.7)	2.9 (2.7-3.1)	1.75	455 (0.8)	1.0 (0.9-1.1)	0.52	3.0
Melanesia	163	4.8	1.34	38	1.0	0.31	4.8	85	2.7	0.94	19	0.6	0.24	4.6

	(<0.1)	(4.5-5.1)		(<0.1)	(0.6-1.4)			(0.1)	(2.1-3.3)		(<0.1)	(0.3-0.9)		
Micronesia/Polynesia	35	5.6		12	2.0			18	2.9		8	1.2		
	(<0.1)	(3.2-7.9)	0.70	(<0.1)	(0.7-3.3)	0.24	2.8	(<0.1)	(1.2-4.6)	0.38	(<0.1)	(0.2-2.2)	0.05	2.4
Africa														
Northern Africa	15,131	15.4		3458	3.1			8769	9.2		2018	1.8		
	(3.4)	(15.1-15.7)	4.45	(2.6)	(3.0-3.2)	0.96	5.0	(5.5)	(9.0-9.4)	3.98	(3.8)	(1.7-1.9)	0.81	5.1
Western Africa	2399	2.5		1740	1.6			1386	1.5		1011	1.0		
	(0.5)	(2.4-2.6)	0.63	(1.3)	(1.5-1.6)	0.38	1.6	(0.9)	(1.4-1.6)	0.46	(1.9)	(0.9-1.1)	0.29	1.5
Southern Africa	1605	7.5		603	1.9			566	2.7		287	0.9		
	(0.4)	(7.1-7.9)	2.73	(0.5)	(1.8-2.0)	0.53	3.9	(0.4)	(2.5-3.0)	1.11	(0.5)	(0.8-1.0)	0.33	3.0
Middle Africa	841	2.2		525	1.2			483	1.3		301	0.7		
	(0.2)	(2.1-2.3)	0.64	(0.4)	(1.1-1.3)	0.34	1.8	(0.3)	(1.1-1.4)	0.48	(0.6)	(0.6-0.7)	0.26	1.9
Eastern Africa	4020	4.2		2874	2.4			2298	2.6		1628	1.4		
	(0.9)	(4.0-4.3)	1.38	(2.2)	(2.3-2.4)	0.64	1.8	(1.4)	(2.5-2.7)	1.07	(3.0)	(1.3-1.5)	0.48	1.9
HDI														
Very high HDI	275,369	17.5		81,232	4.2			80,336	4.4		28,377	1.1		
	(62.5)	(17.5-17.6)	5.74	(61.6)	(4.2-4.2)	1.28	4.2	(50.6)	(4.4-4.4)	2.15	(53.5)	(1.1-1.1)	0.52	4.0
High HDI	126,996	6.8		37,630	1.7			57,133	3.1		18,164	0.8		
	(28.8)	(6.7-6.8)	2.19	(28.5)	(1.7-1.7)	0.56	4.0	(36.0)	(3.1-3.1)	1.44	(34.2)	(0.8-0.8)	0.37	4.0
Medium HDI	30,178	3.0		8534	0.8			16,414	1.7		4305	0.4		
	(6.8)	(3.0-3.0)	0.83	(6.5)	(0.8-0.8)	0.20	3.8	(10.3)	(1.7-1.7)	0.57	(8.1)	(0.4-0.4)	0.13	4.3
Low HDI	8076	3.6		4459	0.7			4812	2.3		2209	0.3		
	(1.8)	(3.5-3.7)	1.10	(3.4)	(0.7-0.7)	0.16	5.5	(3.0)	(2.2-2.4)	0.91	(4.2)	(0.3-0.3)	0.12	7.0
WHO Region														
WHO Africa	11,397	4.5		6129	1.9			6218	2.6		3437	1.1		
	(2.6)	(4.4-4.6)	1.47	(4.6)	(1.8-1.9)	0.54	2.4	(3.9)	(2.5-2.7)	1.1	(6.4)	(1.0-1.1)	0.4	2.4
WHO Americas	93,491	12.3		30,346	3.3			24,320	2.9		9825	0.9		
	(21.2)	(12.2-12.4)	4.44	(22.9)	(3.3-3.4)	1.1	3.7	(15.3)	(2.9-2.9)	1.49	(18.3)	(0.9-1.0)	0.43	3.2
WHO East Mediterranean	25,385	9.8		5819	2.2			13,299	5.4		3169	1.2		
	(5.8)	(9.7-9.9)	2.75	(4.4)	(2.1-2.3)	0.63	4.5	(8.4)	(5.3-5.5)	2.17	(5.9)	(1.1-1.2)	0.53	4.5
WHO Europe	171,347	19.7		49,951	4.3			55,912	5.6		17451	1.1		
	(38.9)	(19.6-19.8)	6.12	(37.7)	(4.3-4.3)	1.28	4.6	(35.2)	(5.6-5.7)	2.58	(32.5)	(1.1-1.2)	0.52	5.1
WHO South-East Asia	30,665	3.2		8453	0.8			16,485	1.8		4405	0.4		
	(7.0)	(3.2-3.2)	0.97	(6.4)	(0.8-0.8)	0.24	4.0	(10.4)	(1.8-1.8)	0.69	(8.2)	(0.4-0.4)	0.17	4.3
WHO Western Pacific	108,478	7.0		31,693	1.7			42,510	2.7		15455	0.7		
	(24.6)	(7.0-7.1)	2.51	(23.9)	(1.7-1.7)	0.61	4.1	(26.8)	(2.7-2.7)	1.38	(28.8)	(0.7-0.7)	0.39	3.7
World	440,864	9.5	3.36	132,414	2.3	0.80	4.0	158,785	3.3	1.60	53,751	0.9	0.41	3.8

Figure S1

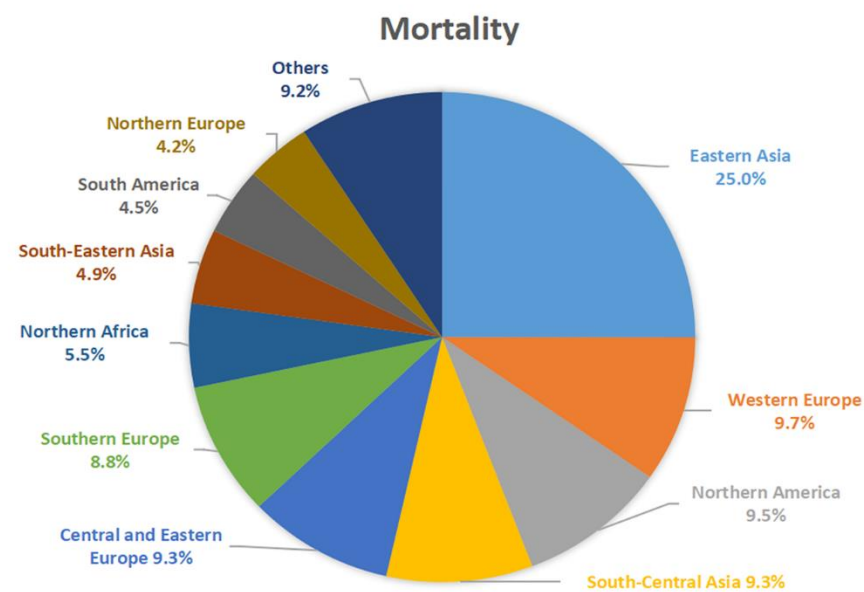
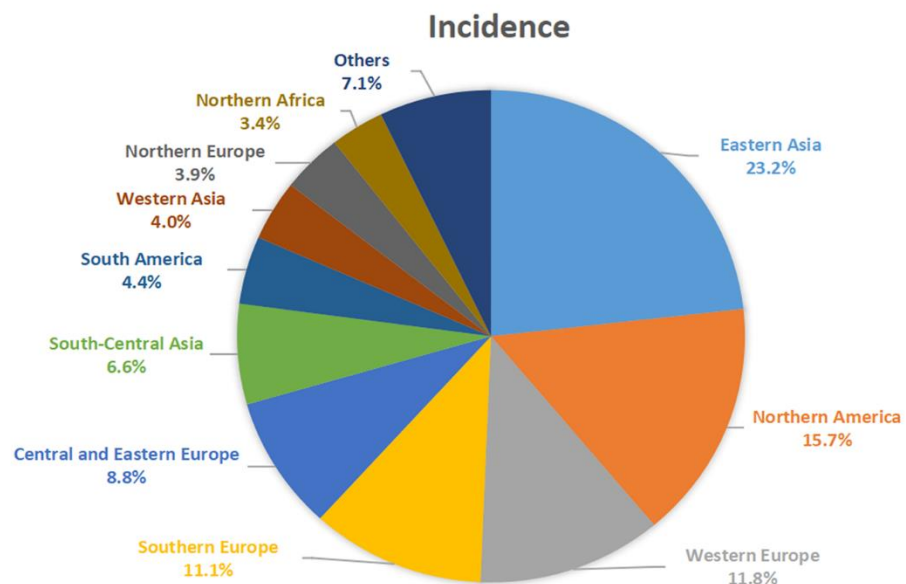


Figure S2

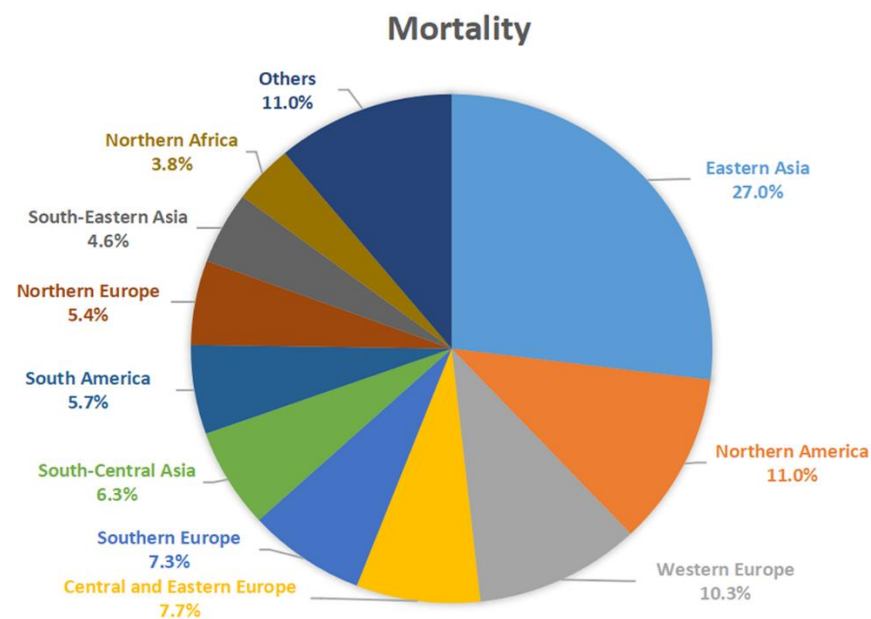
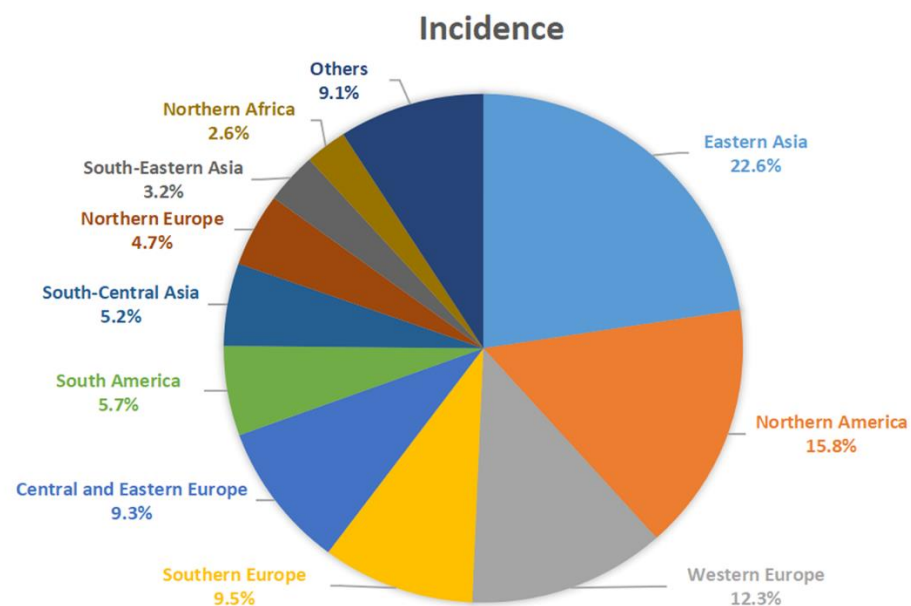


Figure S3

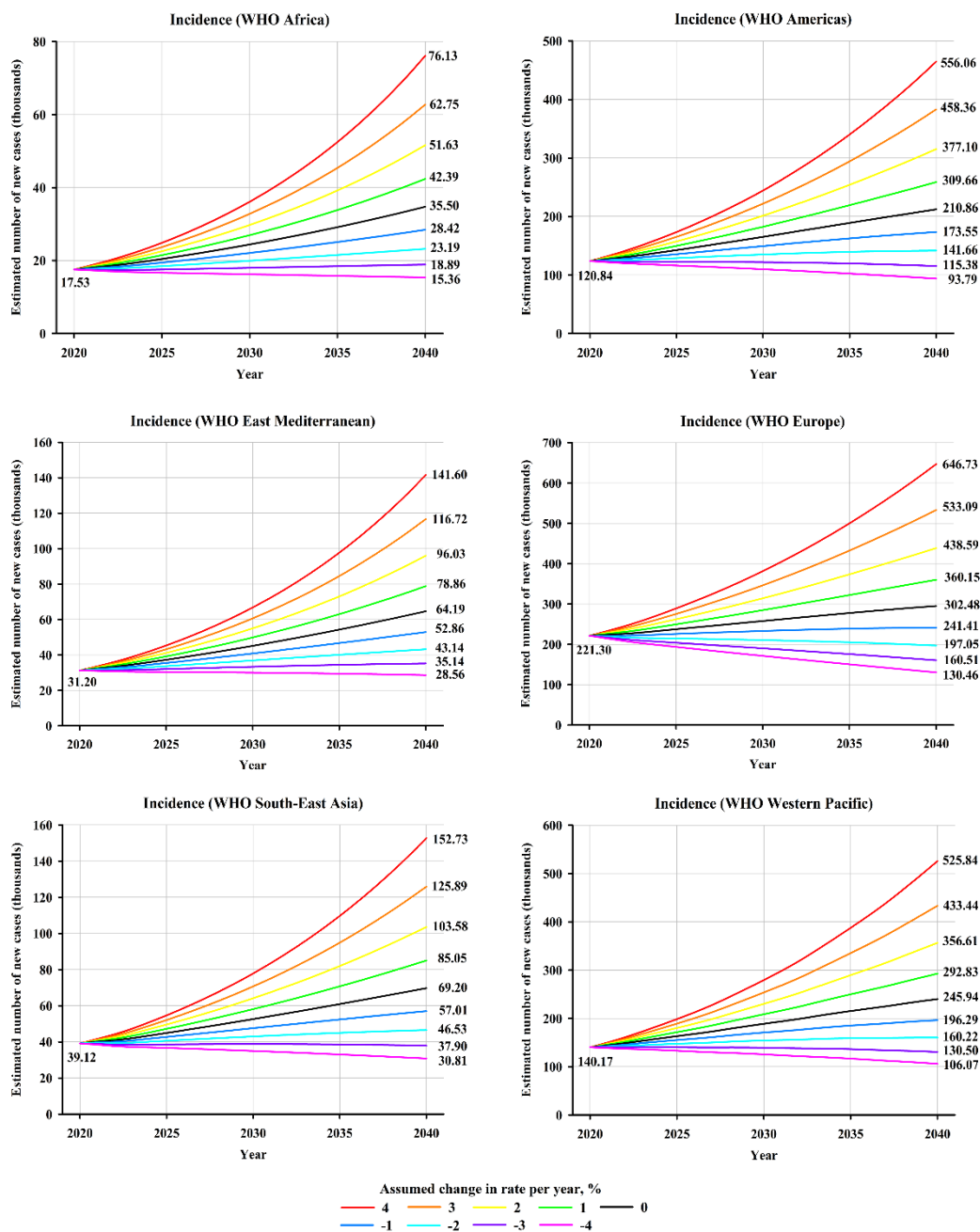


Figure S4

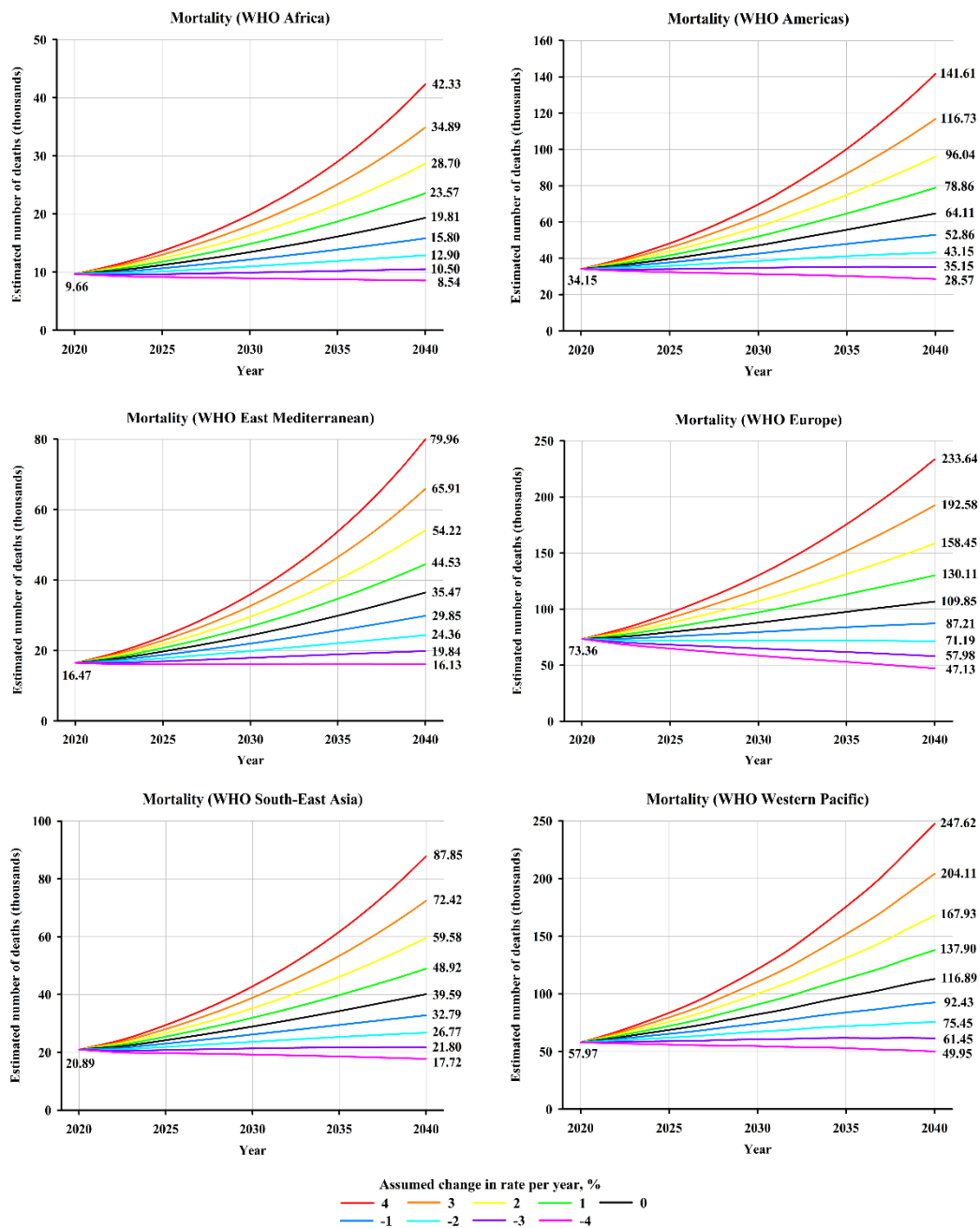


Figure S5

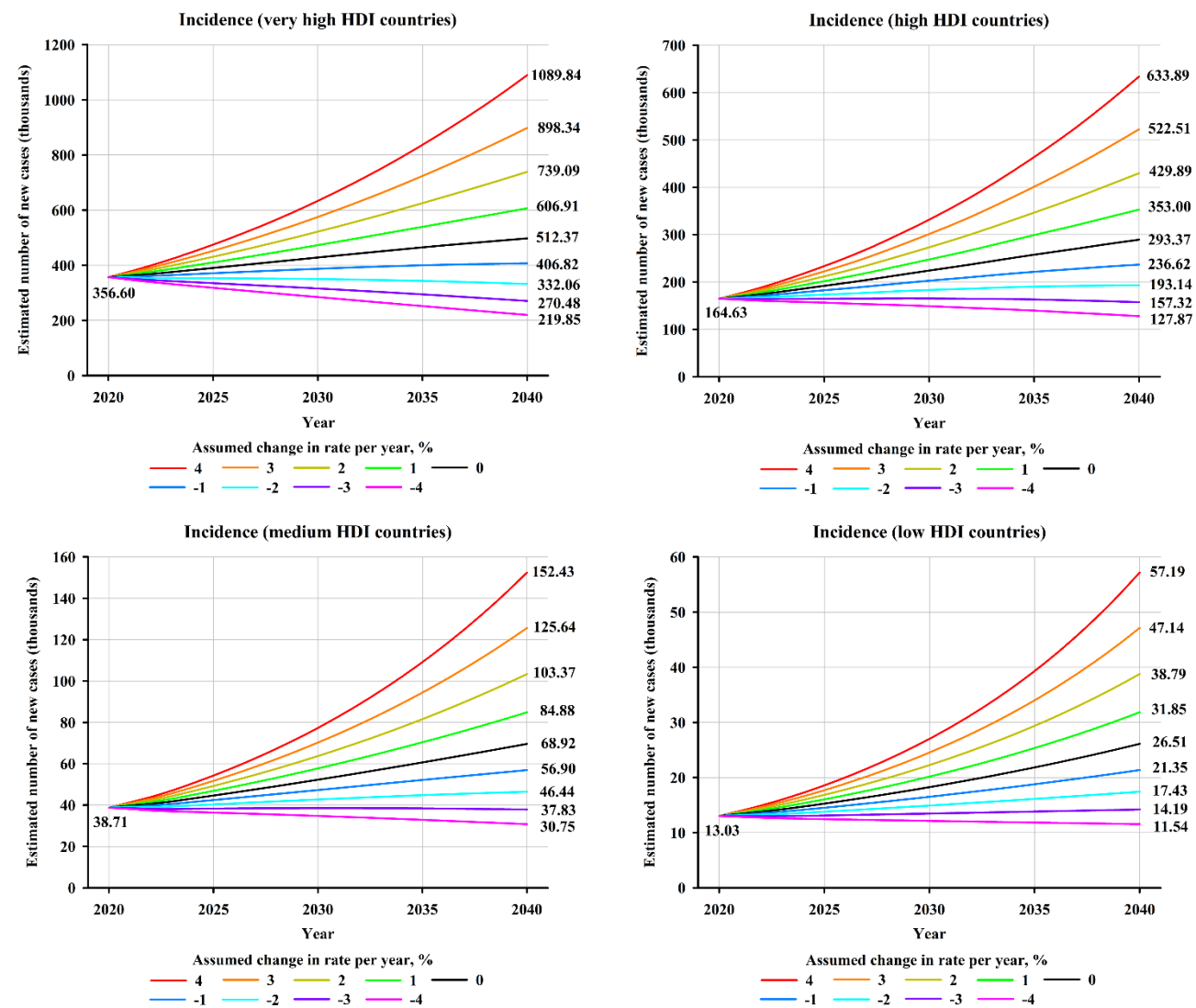


Figure S6

