Supplementary Material 3. Results of decomposition analysis

Location	Cause	Measure	Percent change of Aging	Percent change of Population	Percent change of Epidemiological change
Global	**Liver cancer due to hepatitis B**	Deaths	50.39	86.89	-37.28
China	Liver cancer due to hepatitis B	Deaths	112.78	55.05	-67.84
High SDI	Liver cancer due to hepatitis B	Deaths	77.77	72.31	-50.07
High-middle SDI	Liver cancer due to hepatitis B	Deaths	71.06	56.28	-27.34
Middle SDI	Liver cancer due to hepatitis B	Deaths	76.92	78.26	-55.18
Low-middle SDI	Liver cancer due to hepatitis B	Deaths	28.66	83.04	-11.70
Low SDI	Liver cancer due to hepatitis B	Deaths	-6.83	180.59	-73.76
Global	**Liver cancer due to hepatitis B**	DALYs	52.20	112.25	-64.45
China	Liver cancer due to hepatitis B	DALYs	127.58	78.55	-106.12
High SDI	Liver cancer due to hepatitis B	DALYs	147.68	181.15	-228.83
High-middle SDI	Liver cancer due to hepatitis B	DALYs	80.93	78.85	-59.78
Middle SDI	Liver cancer due to hepatitis B	DALYs	81.10	100.81	-81.91
Low-middle SDI	Liver cancer due to hepatitis B	DALYs	24.80	88.79	-13.58
Low SDI	Liver cancer due to hepatitis B	DALYs	-4.33	168.59	-64.26
Global	**Liver cancer due to alcohol use**	Deaths	34.00	55.23	10.77
China	Liver cancer due to alcohol use	Deaths	70.78	34.88	-5.66
High SDI	Liver cancer due to alcohol use	Deaths	37.38	32.58	30.04
High-middle SDI	Liver cancer due to alcohol use	Deaths	60.82	48.15	-8.97
Middle SDI	Liver cancer due to alcohol use	Deaths	44.50	46.04	9.46
Low-middle SDI	Liver cancer due to alcohol use	Deaths	19.53	61.07	19.40
Low SDI	Liver cancer due to alcohol use	Deaths	-10.12	137.46	-27.34
Global	**Liver cancer due to alcohol use**	DALYs	32.95	61.11	5.94
China	Liver cancer due to alcohol use	DALYs	73.40	41.39	-14.80

High SDI	Liver cancer due to alcohol use	DALYs	37.79	38.37	23.84
High-middle SDI	Liver cancer due to alcohol use	DALYs	63.01	56.22	-19.22
Middle SDI	Liver cancer due to alcohol use	DALYs	42.87	50.02	7.11
Low-middle SDI	Liver cancer due to alcohol use	DALYs	17.35	63.32	19.33
Low SDI	Liver cancer due to alcohol use	DALYs	-9.70	137.49	-27.79