

Supplementary**Table S1** The correlation between lung cancer mortality attributable to tobacco exposure and total lung cancer mortality in China and USA

		China			USA		
		Both sexes	Male	Female	Both sexes	Male	Female
Smoking	Correlation coefficient	0.983	0.993	0.883	0.995	0.998	0.935
	P value	0.001	0.001	0.001	0.001	0.001	0.001
Secondhand smoke	Correlation coefficient	0.977	0.990	0.276	0.889	0.942	0.563
	P value	0.001	0.001	0.155	0.001	0.001	0.002

Table S2 The PEF on mortality rate of lung cancer attributable to tobacco exposure in China and USA from 1990 to 2017

Year	Smoking						Secondhand smoke					
	China			USA			China			USA		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1990	52.69	70.61	15.90	82.69	85.24	78.15	8.64	6.28	13.70	4.39	4.50	4.02
1991	53.43	71.38	16.57	82.01	84.57	77.58	8.69	6.33	13.75	4.27	4.37	3.91
1992	54.14	72.05	17.24	81.34	83.91	77.02	8.72	6.36	13.78	4.13	4.23	3.80
1993	54.80	72.77	17.88	80.71	83.28	76.46	8.74	6.38	13.79	3.99	4.09	3.68
1994	55.45	73.49	18.53	80.11	82.70	75.92	8.75	6.39	13.78	3.85	3.94	3.57
1995	56.23	74.15	19.11	79.57	82.17	75.44	8.73	6.39	13.77	3.70	3.78	3.45
1996	57.03	74.87	19.94	79.03	81.67	74.94	8.68	6.37	13.67	3.55	3.61	3.33
1997	57.84	75.65	20.87	78.46	81.19	74.38	8.60	6.33	13.48	3.38	3.43	3.20
1998	58.75	76.41	21.76	77.94	80.72	73.84	8.49	6.28	13.27	3.20	3.24	3.07
1999	59.64	77.09	22.52	77.46	80.30	73.35	8.37	6.24	13.08	3.04	3.07	2.94
2000	60.32	77.64	23.15	77.03	79.90	72.97	8.29	6.21	12.93	2.90	2.92	2.81
2001	61.02	78.29	23.51	76.65	79.53	72.65	8.24	6.21	12.82	2.76	2.77	2.68
2002	61.68	78.88	23.89	76.29	79.16	72.34	8.20	6.21	12.72	2.60	2.62	2.53
2003	62.46	79.44	24.21	75.94	78.80	72.04	8.14	6.22	12.63	2.46	2.48	2.38
2004	62.70	79.71	24.34	75.59	78.46	71.76	8.11	6.21	12.54	2.34	2.37	2.26
2005	62.59	79.84	24.29	75.26	78.12	71.46	8.09	6.19	12.46	2.28	2.31	2.19
2006	62.46	79.89	24.22	74.86	77.77	71.07	8.07	6.17	12.38	2.24	2.28	2.15
2007	62.46	79.86	24.17	74.40	77.38	70.57	8.02	6.14	12.28	2.21	2.26	2.11
2008	62.59	79.78	24.13	73.89	76.96	69.97	7.95	6.11	12.17	2.19	2.24	2.09
2009	62.74	79.71	24.19	73.32	76.49	69.33	7.88	6.09	12.06	2.17	2.23	2.07
2010	62.90	79.72	24.25	72.77	76.01	68.72	7.82	6.06	11.97	2.16	2.22	2.06
2011	62.85	79.79	24.28	72.15	75.46	68.06	7.79	6.04	11.88	2.16	2.22	2.05
2012	62.74	79.88	24.27	71.43	74.80	67.25	7.76	6.00	11.79	2.16	2.22	2.05
2013	62.50	79.95	24.14	70.61	74.07	66.33	7.73	5.97	11.71	2.17	2.24	2.06
2014	62.57	80.12	24.05	69.68	73.25	65.29	7.69	5.93	11.62	2.19	2.26	2.07
2015	62.80	80.36	23.92	68.68	72.33	64.16	7.62	5.89	11.52	2.21	2.29	2.09
2016	62.82	80.60	23.69	67.60	71.33	62.92	7.58	5.86	11.43	2.25	2.33	2.12
2017	62.65	80.78	23.41	66.47	70.29	61.64	7.56	5.84	11.34	2.29	2.38	2.15