



Supplementary Materials

Table S1. Summary data.

ID	Smoking Status	Gender	Age	Pack-year	Lung Cancer *	Bpco	Occ. Exp.	^{210}Po (mBq) ⁺⁺	^{222}Rn (Bq/m ³) ^{**}
1	Current	M	59	64	S	yes	no	22.68 ± 4.91	15 ± 6
2	Current	M	71	96	S	no	no	0.78 ± 0.18	- - -
3	Current	M	73	30	A	-	yes	0.82 ± 0.13	- - -
4	Current	M	73	105	S	no	no	1.43 ± 0.14	27 ± 7
5	Current	M	80	97	S	no	no	20.51 ± 1.62	- - -
6	Current	M	46	60	S	no	no	0.57 ± 0.06	28 ± 7
7	Current	M	42	30	S	-	no	15.98 ± 2.89	- - -
8	Current	M	62	50	no	no	no	9.12 ± 0.60	57 ± 12
9	Current	M	72	90	S	yes	yes	12.10 ± 0.60	- - -
10	Current	M	51	22	other	no	yes	1.72 ± 0.20	- - -
11	Current	M	65	48	S	yes	no	1.85 ± 0.28	- - -
12	Current	M	72	99	M	no	yes	1.15 ± 0.20	21 ± 9
13	Current	M	46	99	other	no	yes	0.92 ± 0.12	220 ± 30
14	Current	M	64	35	A	-	no	0.81 ± 0.13	- - -
15	Current	F	63	40	A	yes	no	0.93 ± 0.11	- - -
16	Current	M	64	84	no	no	yes	1.43 ± 0.18	93 ⁺ - -
17	Current	F	56	33	A	-	no	1.31 ± 0.11	- - -
18	Current	M	-	-	-	-	-	1.21 ± 0.12	64 ± 13
19	Current	M	-	-	-	-	-	1.00 ± 0.14	32 ± 5
20	Current	M	-	-	-	-	-	1.20 ± 0.22	90 ± 14
21	Current	M	-	-	-	-	-	0.75 ± 0.12	- - -
22	Current	M	-	-	-	-	-	0.73 ± 0.12	140 ⁺ - -
23	Former	M	60	25	S	no	yes	0.78 ± 0.11	25 ± 7
24	Former	M	65	80	A	no	yes	1.42 ± 0.18	98 ± 17
25	Former	F	56	46	S	no	no	0.91 ± 0.13	44 ± 9
26	Former	M	78	75	S	no	no	0.82 ± 0.09	39 ± 9
27	Former	M	63	49	S	yes	no	3.66 ± 0.31	- - -
28	Former	F	80	20	A	no	no	0.86 ± 0.10	16 - -
29	Former	M	82	52	S	no	no	5.14 ± 0.45	- - -
30	Former	M	69	48	M	-	no	6.65 ± 0.95	- - -
31	Former	M	62	45	other	-	no	22.08 ± 1.18	- - -
32	Former	M	68	10	A	no	yes	1.43 ± 0.15	66 ± 14
33	Former	M	64	50	no	no	yes	0.78 ± 0.17	47 ± 11
34	Former	F	77	48	no	yes	no	0.57 ± 0.12	- - -
35	Former	M	68	40	A	no	no	1.57 ± 0.23	83 ± 16
36	Former	M	73	8	S	no	no	0.72 ± 0.09	57 ± 14
37	Former	F	69	41	no	no	no	1.21 ± 0.20	140 ± 20
38	Former	M	80	45	A	no	yes	0.60 ± 0.10	- - -
39	Former	M	84	30	A	no	yes	0.83 ± 0.13	- - -
40	Former	F	50	14	no	no	no	3.89 ± 0.26	- - -
41	Former	M	70	18	A	no	no	1.27 ± 0.15	150 ⁺ - -
42	Former	M	83	49	A	no	no	0.97 ± 0.16	- - -
43	Former	M	72	60	A	-	no	0.53 ± 0.09	- - -
44	Former	M	79	36	A	yes	no	3.85 ± 0.21	- - -
45	Former	M	77	37	S	yes	no	2.43 ± 0.44	62 ± 15
46	Former	M	69	126	A	yes	no	17.57 ± 0.60	- - -
47	Former	F	63	10	A	yes	no	3.55 ± 0.21	65 ± 15
48	Former	M	82	55	no	no	no	3.59 ± 0.29	- - -
49	Former	F	57	11	A	-	no	4.16 ± 0.30	57 ± 15
50	Former	M	82	25	no	no	yes	0.83 ± 0.12	65 ± 14

51	Former	F	65	36	other	no	no	14.08 ± 2.64	-	-	-
52	Former	M	76	40	A	-	no	3.50 ± 0.32	80	±	15
53	Former	M	69	45	A	no	yes	1.47 ± 0.66	60	±	15
54	Former	M	72	90	M	yes	no	11.68 ± 1.53	-	-	-
55	Former	M	77	53	A	yes	yes	0.95 ± 0.21	-	-	-
56	Former	M	-	-	-	-	-	0.90 ± 0.09	-	-	-
57	Former	M	-	-	-	-	-	3.30 ± 0.60	-	-	-
58	Never	F	74	0	no	no	no	1.50 ± 0.16	69	±	14
59	Never	F	72	0	S	-	no	1.88 ± 0.27	-		
60	Never	F	67	0	A	no	no	3.94 ± 0.29	99	±	14
61	Never	M	85	0	A	-	yes	0.41 ± 0.07	-	-	-
62	Never	F	74	0	no	no	no	<1.8	-	-	-
63	Never	M	52	0	A	no	no	<0.9	-	-	-
64	Never	M	69	0	no	no	no	<0.60	-	210+	-
65	Never	M	71	0	other	no	no	<0.40	-	121+	-
66	Never	F	80	0	no	no	no	<1.4	-	170+	-
67	Never	F	48	0	no	no	no	<1.31	-	83+	-
68	Never	F	-	0	-	-	-	0.96 ± 0.18	-	-	-
69	Never	M	-	0	-	-	-	16.35 ± 4.0	330+	-	-
70	Never	F	-	0	-	-	-	16.66 ± 6.0	1100+	-	-

* Lung Cancer: S = Squamous cell carcinoma; A = Adenocarcinoma; other = Other non-small cell carcinoma; M = Microcited; no = non-confirmed lung cancer; ++ 1 sigma combined uncertainty; ** Extended uncertainty (cover factor $k = 2$); + Qualitative value.