

Parameters of the Lognormal dose distribution used for the Stratified Model, that are needed to get the same PC value in IREP, as the PC value obtained by using the constant dose equal to the 95th percentile of the Full Model, for the Lung IREP cancer model (with 'Never smoked' smoking status)

Radiation Type	Exposure Rate	Gender	Age at Exposure	Age at Diagnosis	Full Model	Stratified Model	
					95th percentile of Lognormal (1,3)	GM	GSD
alpha	chronic	Male	27	68	6.09	2.22	3
alpha	acute	Male	27	68	6.09	2.22	3
electrons E<15keV	chronic	Male	27	68	6.09	1.68	3
electrons E<15keV	acute	Male	27	68	6.09	1.42	3
electrons E>15keV	chronic	Male	27	68	6.09	1.50	3
electrons E>15keV	acute	Male	27	68	6.09	1.19	3
photons E<30keV	chronic	Male	27	68	6.09	1.80	3
photons E<30keV	acute	Male	33	68	6.09	1.57	3
photons E=30-250keV	chronic	Male	27	68	6.09	1.78	3
photons E=30-250keV	acute	Male	27	68	6.09	1.57	3
photons E>250keV	chronic	Male	27	68	6.09	1.50	3
photons E>250keV	acute	Male	27	68	6.09	1.19	3
neutrons E<10keV	chronic	Male	27	68	6.09	2.15	3
neutrons E<10keV	acute	Male	27	68	6.09	2.07	3
neutrons E=10-100keV	chronic	Male	27	68	6.09	2.07	3
neutrons E=10-100keV	acute	Male	27	68	6.09	1.98	3
neutrons E=100keV-2MeV	chronic	Male	33	68	6.09	1.95	3
neutrons E=100keV-2MeV	acute	Male	33	68	6.09	1.84	3
neutrons E=2-20MeV	chronic	Male	27	68	6.09	2.09	3
neutrons E=2-20MeV	acute	Male	27	68	6.09	1.99	3
neutrons E>20MeV	chronic	Male	27	68	6.09	2.11	3
neutrons E>20MeV	acute	Male	27	68	6.09	2.02	3

Parameters of the Lognormal dose distribution used for the Stratified Model, that are needed to get the same PC value in IREP, as the PC value obtained by using the constant dose equal to the 95th percentile of the Full Model, for the Urinary organs (excl. bladder) IREP cancer model

Radiation Type	Exposure Rate	Gender	Age at Exposure	Age at Diagnosis	Full Model	Stratified Model	
					95th percentile of Lognormal (1,3)	GM	GSD
alpha	chronic	Male	27	68	6.09	2.07	3
alpha	acute	Male	27	68	6.09	2.07	3
electrons E<15keV	chronic	Male	27	68	6.09	1.45	3
electrons E<15keV	acute	Male	27	68	6.09	1.18	3
electrons E>15keV	chronic	Male	27	68	6.09	1.27	3
electrons E>15keV	acute	Male	27	68	6.09	0.91	3
photons E<30keV	chronic	Male	27	68	6.09	1.58	3
photons E<30keV	acute	Male	33	68	6.09	1.33	3
photons E=30-250keV	chronic	Male	27	68	6.09	1.57	3
photons E=30-250keV	acute	Male	27	68	6.09	1.32	3
photons E>250keV	chronic	Male	27	68	6.09	1.27	3
photons E>250keV	acute	Male	27	68	6.09	0.91	3
neutrons E<10keV	chronic	Male	27	68	6.09	1.96	3
neutrons E<10keV	acute	Male	27	68	6.09	1.79	3
neutrons E=10-100keV	chronic	Male	27	68	6.09	1.89	3
neutrons E=10-100keV	acute	Male	27	68	6.09	1.70	3
neutrons E=100keV-2MeV	chronic	Male	33	68	6.09	1.74	3
neutrons E=100keV-2MeV	acute	Male	33	68	6.09	1.62	3
neutrons E=2-20MeV	chronic	Male	27	68	6.09	1.90	3
neutrons E=2-20MeV	acute	Male	27	68	6.09	1.71	3
neutrons E>20MeV	chronic	Male	27	68	6.09	1.93	3
neutrons E>20MeV	acute	Male	27	68	6.09	1.76	3