

Erratum to: Dose–responses from multi-model inference for the non-cancer disease mortality of atomic bomb survivors

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The original publication of this paper contained some errors. The correct details are given below.

In Table 1, line 1, the ICD-9 numbers for CVD were printed incorrectly. It should correctly read “CVD (ICD-9 430-438)”.

In Table 1, line 8, related to cardiovascular diseases excluding CVD it is stated incorrectly that an ERR-quadratic model was used. It should correctly read “EAR-quadratic model^a [#2]”.

In Table 1, right column headed by “Weight”, three of the Akaike weights were incorrectly assigned to the models given in the left most column. The correct assignment of the Akaike weights to the models is as follows:

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Table 1 For both biological endpoints, the preferable final non-nested models are shown with related final deviances (dev), difference in final deviances (Δ dev) with respect to the model with the smallest deviance, number of model parameters (N_{par}), AIC-values, difference in AIC-values (Δ AIC) with respect to the model with the smallest AIC-value, and Akaike weights

	dev	Δ dev	N_{par}	AIC	Δ AIC	Weight
CVD (ICD-9 430-438)						
ERR-LNT model [#1]	3569.51	3.46	22	3613.51	1.46	0.2628
ERR-quadratic model [#2]	3570.14	4.09	22	3614.14	2.09	0.1918
ERR-step model [#6], $D_{th} = 0.62$ Gy	3566.05	0	23	3612.05	0	0.5454
Preston's ERR-LNT model	3599.58	33.53	30	3659.58	47.53	–
Cardiovascular diseases excluding CVD (390–429, 440–459)						
EAR-LNT model ^a [#1]	3693.73	0	17	3727.73	0	0.3619
EAR-quadratic model ^a [#2]	3694.05	0.32	17	3728.05	0.32	0.3084
EAR-threshold model [#5], $D_{th} = 2.0$ Gy	3695.0	1.27	17	3729.0	1.27	0.1918
EAR-step model [#6], $D_{th} = 2.19$ Gy	3695.66	1.93	17	3729.66	1.93	0.1379
Preston's ERR-LNT model	3709.71	15.98	30	3769.71	41.98	–

As a comparison, the values are also shown for Preston's ERR-LNT models. Note that for cerebrovascular disease, the three preferable models are ERR models; for cardiovascular diseases excluding CVD, the four preferable non-nested models are EAR models. The numbers in brackets refer to the eleven dose-responses depicted in Fig. 1

^a Contains an age-dependent dose-effect modifier