

CORRECTION

# Correction: A New Model of Biodosimetry to Integrate Low and High Doses

The *PLOS ONE* Staff

There are multiple errors in the equations in the last sentence of the third paragraph of the “Statistics” subsection of the Materials and Methods. The correct equations are:

$$Y_0 - 1.96 \cdot SE(Y_0) = \hat{Y}(d_L) + R \cdot \sigma_{\hat{Y}}(d_L)$$

$$Y_0 + 1.96 \cdot SE(Y_0) = \hat{Y}(d_U) - R \cdot \sigma_{\hat{Y}}(d_U)$$

[Table 2](#) has been corrected for improved readability. Please see the corrected [Table 2](#) here. There is an error in [Table 3](#). Please see the corrected [Table 3](#) here.



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**Table 3. Dose-response coefficients obtained for the different adjustments to the models and their goodness-of-fit  $\chi^2$  statistics.**

Models	COEFFICIENTS (SE)								Goodness-of-fit	
									$\chi^2$	df
Linear-quadratic										
Y(D;C; $\alpha$ ; $\beta$ )	C = -0.0181	(0.0009)	$\alpha = 0.2480$	(0.0081)	$\beta = 0.0130$	(0.0006)			746.37	6
Y(D; $\alpha$ ; $\beta$ )	—		$\alpha = 0.2431$	(0.0080)	$\beta = 0.0133$	(0.0006)			742.19	7
Linear										
Y(D;C; $\alpha$ )	C = -0.0143	(0.0025)	$\alpha = 0.4125$	(0.0059)		—			438.44	7
Y(D; $\alpha$ )	—		$\alpha = 0.4034$	(0.0056)		—			875.31	8
GT										
Y(D; $\beta_0, \beta_1, \beta_2, \beta_3$ )	$\beta_0 = 8.4716$	(0.2097)	$\beta_1 = 6.8462$	(0.1204)	$\beta_2 = 0.2318$	(0.0051)	$\beta_3 = 1.0623$	(0.1764)	70.14	6

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### Reference

1. Pujol M, Barquinero J-F, Puig P, Puig R, Caballín MR, Barrios L (2014) A New Model of Biodosimetry to Integrate Low and High Doses. PLoS ONE 9(12): e114137. doi:[10.1371/journal.pone.0114137](https://doi.org/10.1371/journal.pone.0114137) PMID: [25461738](https://pubmed.ncbi.nlm.nih.gov/25461738/)