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Corrigendum

Fitting Human Exposure Data with the Johnson S_B Distribution

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Correction to: *Journal of Exposure Science and Environmental Epidemiology* (2006) **16,** 56–62.

The above noted manuscript contained several errors, which were brought to the author's attention through helpful discussions with Dr. David Mage. The author regrets these errors, which are corrected below:

For Mage's method, equations (6) and (7) in the original text contained typographical errors. The estimate for the range parameter should have read:

$$\hat{\lambda} = 2\sqrt{\frac{\phi^2}{4} - \theta} \tag{6}$$

And the equations for ϕ and a should have read:

$$\begin{aligned} \phi &= \frac{cd - af}{bd - ae} \\ a &= x_2 + x_4 - 2x_3 \end{aligned} \tag{7}$$

Despite the typos, these equations were coded correctly in the computer program used.

For Slifker and Shapiro's method, the equations listed in the original text are correct; however, they were incorrectly coded in the computer program. The corrected version of the code produced parameter estimates identical with the method of Mage. Therefore, the values reported for Slifker and Shapiro's method in Tables 1 and 2 of the original text should be identical to the values reported for Mage's method. The value reported in the paper for z on p 57 was 0.5384, it should have read 0.5483, which was the value used in the computer program.

In addition, three of the equations in the Appendix had typographical errors and should have read:

$$\begin{aligned} A = &\frac{1}{2\delta} + \frac{1}{\delta}\sum_{n=1}^{\infty} \exp(-n^2/(2\delta^2)) \\ &\times \cosh\left(\frac{n(1-2\delta\gamma)}{2\delta^2}\right)\operatorname{sech}\left(\frac{n}{2\delta^2}\right) \end{aligned} \tag{A.2}$$

$$\begin{aligned} B = &2\pi\delta\sum_{n=1}^{\infty}\exp\left(-\frac{1}{2}(2n-1)^2\pi^2\delta^2\right) \\ &\times \sin((2n-1)\pi\delta\gamma)\operatorname{cosech}((2n-1)\pi^2\delta^2) \end{aligned} \tag{A.3}$$

$$\begin{aligned} \frac{\partial B}{\partial \gamma} = &2(\pi\delta)^2\sum_{n=1}^{\infty}(2n-1)\mathrm{e}^{\left(-1/2(2n-1)^2\pi^2\delta^2\right)} \\ &\times \cos((2n-1)\pi\delta\gamma)\operatorname{cosech}((2n-1)\pi^2\delta^2) \end{aligned} \tag{A.10}$$