

Erratum to: “A Model of Δ^9 -Tetrahydrocannabinol Self-administration and Reinstatement That Alters Synaptic Plasticity in Nucleus Accumbens,” by Spencer *et al.* (*Biol Psychiatry* 2018; 84:601–610); [10.1016/j.biopsych.2018.04.016](https://doi.org/10.1016/j.biopsych.2018.04.016).

The authors have recognized a mathematical error that resulted in inaccurate units for the THC and cannabidiol self-administration doses. For example, when a dose is described as 2 $\mu\text{g}/\text{kg}$ of THC, it should be 0.2 mg/kg instead. The sections within the paper that are affected by this error are summarized as follows.

In the “THC Vapor, Food Training, and Self-administration” section at the bottom of page 602, the following sentence is incorrect: “A dose-response curve was generated by averaging 3 consecutive days of self-administration per dose (1.27 $\mu\text{g}/\text{kg}$, 2 $\mu\text{g}/\text{kg}$, 4 $\mu\text{g}/\text{kg}$, and 12.64 $\mu\text{g}/\text{kg}$) using a random crossover design after self-administration stabilized on 4 + 0.4 $\mu\text{g}/\text{kg}$ THC+CBD.” Instead, the sentence should be as follows: “A dose-response curve was generated by averaging 3 consecutive days of self-administration per dose (0.127 mg/kg, 0.2 mg/kg, 0.4 mg/kg, and 1.26 mg/kg) using a random crossover design after self-administration stabilized on 0.4 + 0.04 mg/kg THC+CBD.”

In Figure 1B and 1F, the labels for 2 $\mu\text{g}/\text{kg}$ THC and 1 $\mu\text{g}/\text{kg}$ THC should be 0.2 mg/kg THC and 0.1 mg/kg THC. In the Figure 1B legend, “Doses shown as THC $\mu\text{g}/\text{infusion}$...” should instead be “Doses shown as mg/kg/infusion...” In the Figure 1D legend, “(THC $\mu\text{g}/\text{infusion}$)” should be “(THC mg/kg/infusion).”

In column 1 of page 604 of the Results, the sentence “Dose-response analysis of self-administered THC+CBD revealed a

shallow biphasic response with maximum active lever pressing at 2 $\mu\text{g}/\text{kg}$ and 4 $\mu\text{g}/\text{kg}$ and lesser responding at 1.3 $\mu\text{g}/\text{kg}$ and 12.6 $\mu\text{g}/\text{kg}$ (main effect of lever: $F_{1,6} = 30.34$, $p = .002$) (Figure 1D)” should instead be as follows: “Dose-response analysis of self-administered THC+CBD revealed a shallow biphasic response with maximum active lever pressing at 0.2 mg/kg and 0.4 mg/kg and lesser responding at 0.13 mg/kg and 1.26 mg/kg (main effect of lever: $F_{1,6} = 30.34$, $p = .002$) (Figure 1D).”

In Figure 3A, the labels for 2 $\mu\text{g}/\text{kg}$ THC should be 0.2 mg/kg THC.

In the first paragraph of the Discussion on page 606, the sentence “A shallow biphasic dose-response curve indicates a limited reinforcing range with higher doses decreasing the number of infusions taken per session and a minimum reinforcing dose of THC+CBD below 0.5 + 0.05 $\mu\text{g}/\text{infusion}$ (Supplemental Figure S4A).” should instead be as follows: “A shallow biphasic dose-response curve indicates a limited reinforcing range with higher doses decreasing the number of infusions taken per session and a minimum reinforcing dose of THC+CBD below 0.05 + 0.005 mg/kg/infusion (Supplemental Figure S4A).”

Likewise, the same inaccuracies are noted throughout the Supplement.

Lastly, a typographical error in the second paragraph of the introduction was identified and is now corrected. Specifically, “utilized lower unit doses of THC per infusion...” has been corrected to “utilized higher unit doses of THC per infusion...”.

The article text, Figure 1, Figure 3, and the Supplement have now been updated/replaced in the online version of this article.

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