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Semi-Empirical Model using Radiant Coal Power to Predict Cigarette Ignition Strength as Measured by Extinction Test

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Abstract. Upon reviewing their article, the authors noted several errors that were missed in the preparation and peer-review process as well as several points for clarification. These errors were included in both the print and online versions of the original article. The corrections and clarifications are:

Corrections:

1. Page 238, 2nd full paragraph, 2nd sentence: Change “[5]” to “[8]”.
2. Page 238, 2nd full paragraph, last sentence: Change “4 mm²” to “0.25 mm²”.
3. Page 239, 2nd line after Equation 2: Change “4 × 10⁻⁶ m²” to “0.25 × 10⁻⁶ m²”.
4. Page 239, Model Development and Results, 1st full paragraph, 2nd sentence: Change “5.6–8.1 mm” to “5.4–7.9 mm”.
5. Page 239, Model Development and Results, 1st full paragraph, 2nd sentence: Change “21.7 mm” to “22.7 mm”.
6. Page 244: Change Equation 5 to:
$$E_T = A_1 + \frac{(A_2 - A_1)}{\left(1 + e^{\frac{(p_c - x_0)}{dx}}\right)}$$
7. Page 244, 1st line after Equation 5: Change “lower and upper” to “upper and lower”.

Clarifications:

1. Page 237, 3rd paragraph, 1st sentence: Insert “m” after “μ”.
2. Page 237, 3rd paragraph, 4th sentence: Change sentence to read: “The acceptance angle for a pixel at the center of the field of view and at the edge of the long axis of the field of view differs by less than 10%, which is equivalent to a length of approximately 0.03 mm.”
3. Page 238, 3rd paragraph, 1st sentence: Insert “x(t)” between “position” and “(mm)”.

4. Page 238: Change Equation 1 to: $x(t) = \frac{\sum_{i=1}^k x_i T_i}{\sum_{i=1}^k T_i}, k \neq 0$
5. Page 239: Change Equation 2 to: $P(t) = \sigma \varepsilon A \sum_{i=1}^k T_i^4, k \neq 0$
6. page 245, 1st full paragraph, 1st sentence: Insert “ed” after “predict”.
7. Page 247, 1st full paragraph, 4th sentence: Change “various” to “the designated”.

The authors regret any inconvenience to the readers.

The online version of the original article can be found at
<http://dx.doi.org/10.1007/s10694-006-7507-8>