The requested changes are as follows:

**Page 4, Equation (6) (TS2):**

This equation has a typo. Please, add 1/2 at the beginning of the equation.

Explanation: The equation is wrong without the 1/2. I understand that the article has been reviewed numerous times by us and the reviewers but unfortunately, no one has noticed this error until now. Please ask the handling editor for approval as this equation is incorrect.

**P. 4, Eq. (7) (TS3):**

There is a typo here also on my end. It should be "epsilon\_n (Delta z) =..."

Explanation: The equation is misleading without the "(delta z)" because it seems that each updraft has only one entrainment rate value, instead of one entrainment rate value per vertical level per updraft, which are very different things. Please ask the handling editor for approval.

**P. 5, line 27 (TS4):**

There is an extra bar over theta\_v. Please, keep the large one and delete the small one (i.e., the one just above theta).

Explanation: This is a typo. It doesn't make sense as it is. Note that the overbar denotes an average, two bars over the same variable don't make sense.