Original equation in the manuscript:

$$p_k = \frac{1}{1+exp(-\beta_0 - \beta_1 precip\_1day\_lperc_k - \beta_2 D\_perc_k - \underbrace{\beta_3 ftc_k}_{\text{if ftc}_k\text{=TRUE}} - \beta_4 precip\_1day\_lperc_k D\_perc_k)}. \quad (8)$$

Typeset equation:

$$p_k = \frac{1}{1+\exp(-\beta_0 - \beta_1 \text{precip\_1day\_lperc}_k - \beta_2 D\_\text{perc}_k - \underbrace{\beta_3 \text{ftc}_k}_{\text{if ftc}_k\text{=TRUE}} - \beta_4 \text{precip\_1day\_lperc}_k D\_\text{perc}_k)}. \quad (8)$$

The suggestion for a readable version of the equation that fits into a column:

$$p_k = 1/\Big[1+exp(-\beta_0 - \beta_1 precip\_1day\_lperc_k - \beta_2 D\_perc_k - \underbrace{\beta_3 ftc_k}_{\text{if ftc}_k\text{=TRUE}} - \beta_4 precip\_1day\_lperc_k D\_perc_k)\Big].$$