Comments on Appendix C: Analysis of dendritic and neuronal fan-in

- **Equation 10**:

  - I think I understand why you're only summing L^{nr1}, but it's a little confusing to talk about the total inductance of the loop and then leave out L^{nr2}

  - Also a little confused on the notation. In the sum, L_i^{nr1} refers to the inductance of the ith synapse on a loop, but L_0^{nr1} and L_N^{nr1} refer to the inductance of a single synapse in a loop with 0 (maybe 1) and N synapses, respectively?

  - I'm interpreting it to be something like this... (and then you make $L_N^{nr1} = \frac{L_1^{nr1}}{N}$ to keep it constant):

  $$L_{tot}^{nr1} = \sum_{i=1}^{N} L_N^{nr1} = N L_N^{nr1}$$

- **Equation 12:**

  - Maybe it's worth explaining why you choose to change the inductance with N instead of changing the synaptic weights as N gets larger?

- **Equation 21:**

  - You dropped a factor of I_0^{si}

  - Also I think you might be switching between P and n for the number of active synapses (especially the paragraph between eq 21 and 22)