## The attentional routing circuit: Receptive field modulation through nonlinear dendritic interactions

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- processed?
- dendrites





computing shift



- nonlinear dendrites
- dendrites were employed
  - [1] Polsky et al. (2004) Nat Neuro 7(6)

  - [3] Womelsdorf et al. (2008) J. Neurosci 28(36)



suggested by the data, as RF expansion is predicted on average Model and experiment data are consistent for RF shift and gain changes • Cells driven by visual and attentional inputs in layer IV may have

• New methods for computing population-level functions with non-linear