|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Description | Units | Bounds |
|  | Rise time of E conductance | ms | 1 - 400 |
|  | Decay time of E conductance | ms | 1 – 400 |
|  | Conductance amplitude (E)  | unitless | 0 – 10 |
|  | Receptive field location (E) | unitless | -5 – 5 |
|  | Width of conductance spatial profile (E) | unitless | 0 – 10 |
|  | Rise time of I conductance | ms | 1 - 400 |
|  | Decay time of I conductance | ms | 1 - 400 |
|  | Conductance amplitude (I)  | unitless | 0 – 10 |
|  | Receptive field location (I) | unitless | -5 – 10 |
|  | Width of conductance spatial profile (I) | unitless | 0 - 10 |
| VE | Reversal potential (E) | mV | 0 (fixed) |
| VI | Reversal potential (I) | mV | -74 (fixed) |
| VL | Resting potential | mV | -65 (fixed) |

**Excitation-Inhibition model parameters (related to Figures 4, 5, 7).**