|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Observable | **LAT** | **TAU** | **Distinct****correct effects****occur****at similar****parameter values?** | **Correct effects****occur at realistic****network dynamics (silence, saturation)?** |
| Neuron type | **Exc.** | **Inh.** | **Exc.** | **Inh.** |
| ExpectedLPFC vs MCCdifference ? | **YES** | **NO** | **YES** | **YES** |
| **Parameter** | **gCAN** | **↓** | **NO** | **↑** | **NO** | **NO** | **NO** |
| **gAHP** | **↑** | **↓** | **NO** | **NO** | **YES** | **YES** |
| **gNMDA** | **NO** | **NO** | **↑** | **↑** | **YES** | **NO** |
| **gGABA-B** | **NO** | **NO** | **↑** | **↑** | **YES** | **YES** |

**Figure 5 – source data 1**. **Summary of the effects of the main parameters determining TAU and LAT in the network model.**