Experiment C – Report

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| **Experiment-C1** | * Sanity check for inhibitory input – ensure spike occurs appropriately |
| **Experiment-C2** | * Change [X] in comp 2, and pulse into comp 2 |
| **Experiment-C3** | * Change [X] and z in comp 2, and pulse into comp 2 |
| **Experiment-C4** | * Changing comp 4 [X] * Then pulsing input into comp 2 – proximal input |
| **Experiment-C5** | * Changing comp 4 [X] and z * Then pulsing input into comp 2 – proximal input |
| **Experiment-C6** | * Changing comp 2 [X] * Then pulsing input into comp 4 – distal input |
| **Experiment-C7** | * Changing comp 2 [X] and z * Then pulsing input into comp 4 – distal input |

Contents

[Experiment-C1 2](#_Toc74237364)

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| Title | Experiment-C1 |
| Aim | Sanity check for the synaptic input code, just 4 compartments |
| File name |  |
| Setup | 4 default compartments. Pulsing inhibitory input to compartment 2 for a duration of 2ms and a maximum neurotransmitter concentration of 1mM. dt = 10^-6 |
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