

Math 568 project: proposal

Michael Ivanitskiy, Aakash Patel, Connor Puritz

October 8, 2019

Recently, the connectome of both sexes of *C. elegans* has been mapped throughout its development *[citation needed]*. For our project, we hope to simulate the test [1]

References

- [1] Linjiao Luo, Quan Wen, Jing Ren, Michael Hendricks, Marc Gershow, Yuqi Qin, Joel Greenwood, Edward R Soucy, Mason Klein, Heidi K Smith-Parker, et al. Dynamic encoding of perception, memory, and movement in a *c. elegans* chemotaxis circuit. *Neuron*, 82(5):1115–1128, 2014.