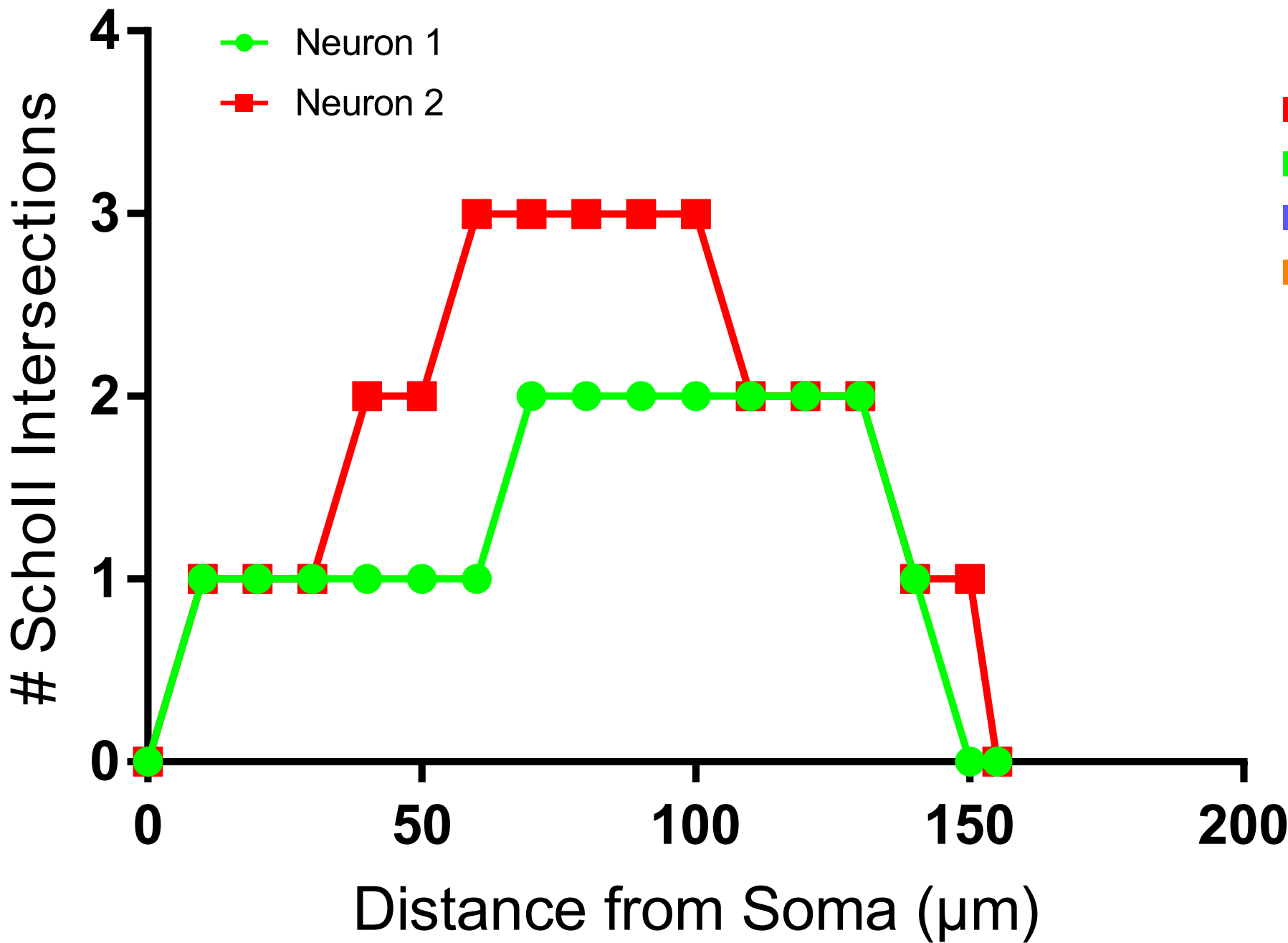


A) Common morphology measurements

Measurement	Neuron 1	Neuron 2	Unit
Dendrite area	3075	4179	μm^2
Dendrite length	284	359	μm
Dendrite volume	502	642	μm^3
Number of branches	2	4	N/A
Number of branching spines	18	26	N/A
Number of spines	123	162	N/A
Primary dendrite spine density	2.99	2.77	$1/10\mu\text{m}$
Total spine density	4.33	4.51	$1/10\mu\text{m}$
Total spine volume	598	752	μm^3

B) Number of Scholl Intersections



C) Distribution of Spine Morphologies

