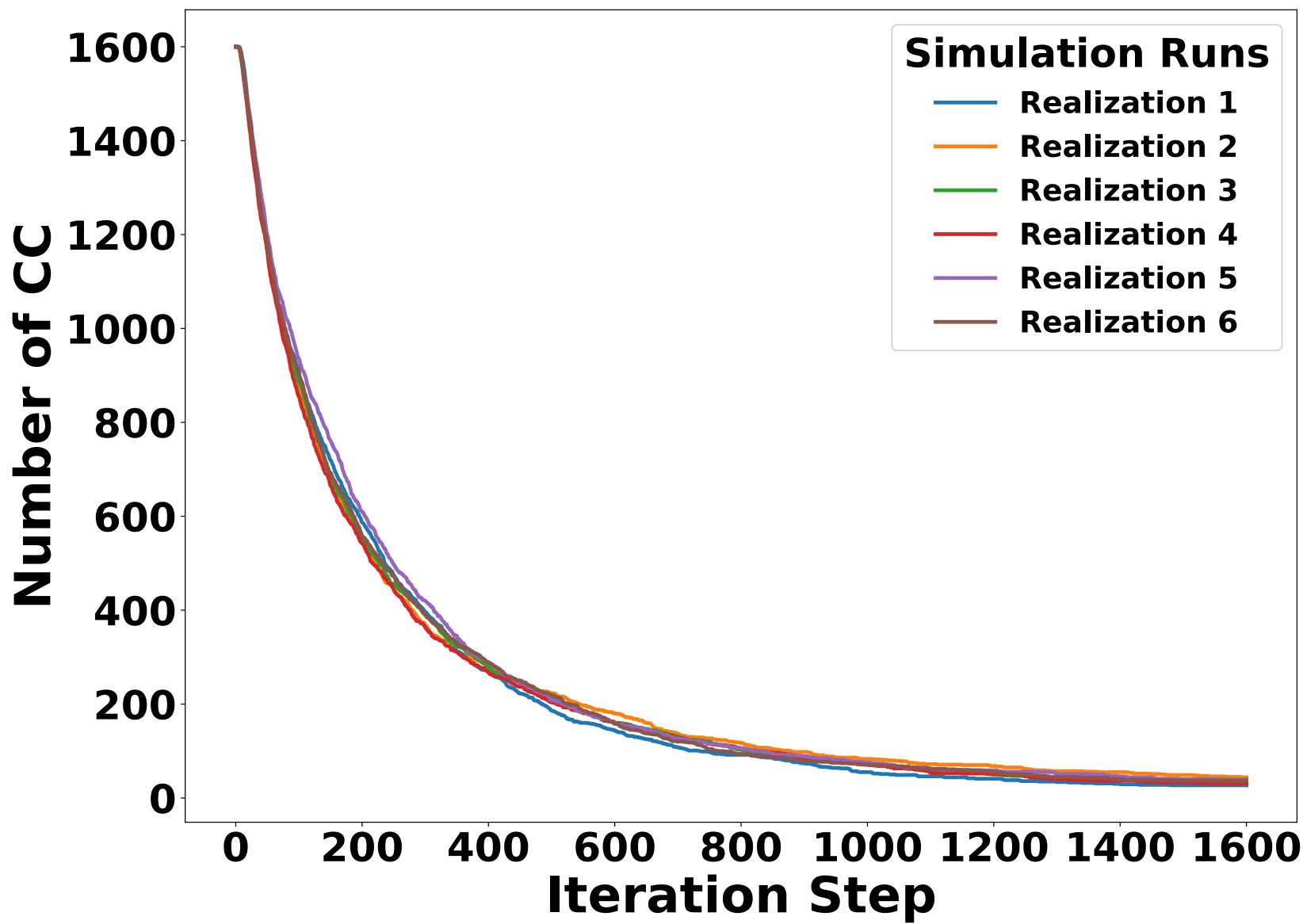
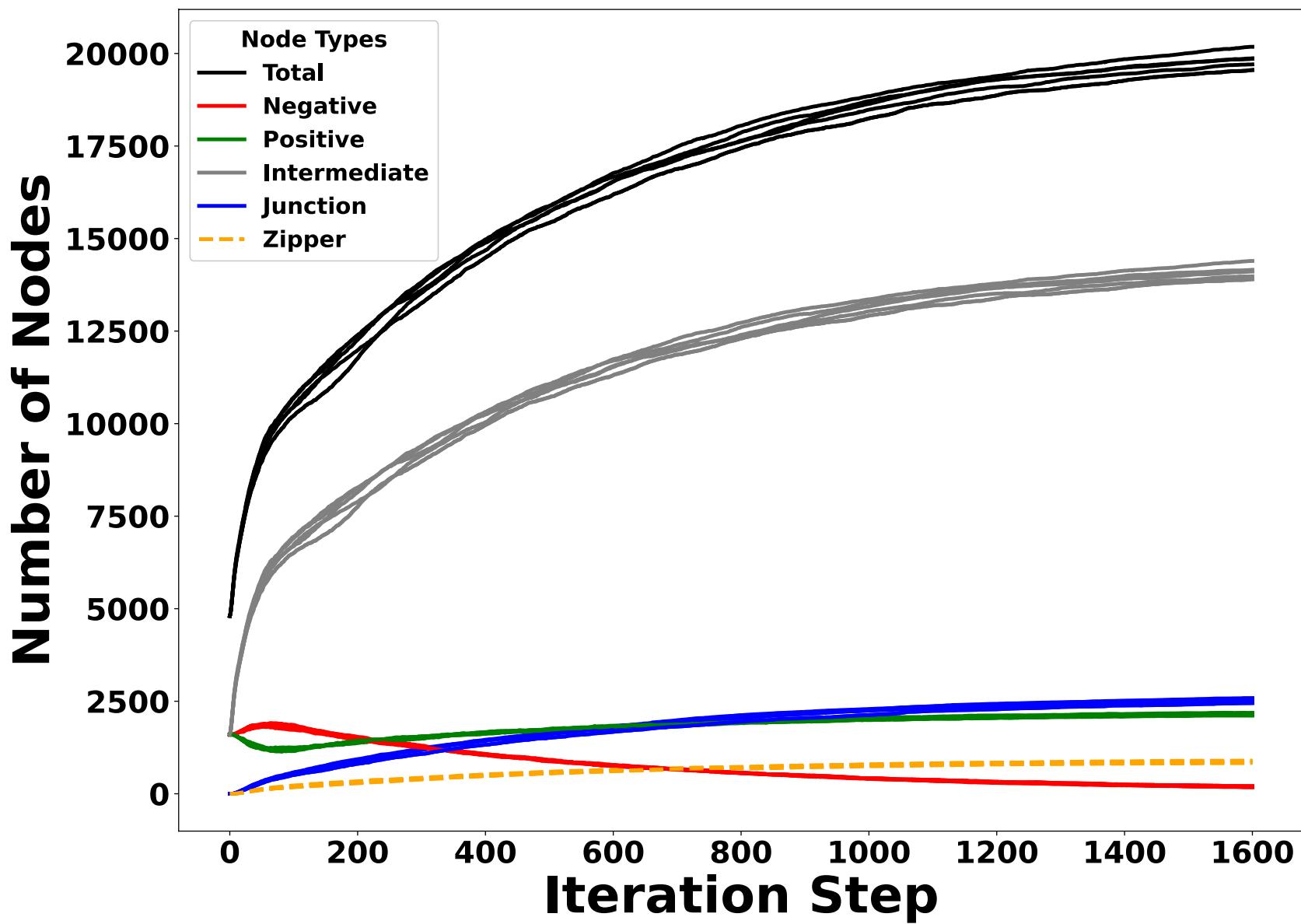




# Connected Components (CC) in 1600 Time Steps of 1600 MTs on 8x8 Subdivision



# All Nodes and Realizations in 1600 Time Steps of 1600 MTs on 8x8 Subdivision



**Expo  
e  
image  
edit**

crossing, crossover and microtubules; Crotalaria and *Glycine max* (L.) Merr.

Figure 31: Long-time behavior of simulation with crossover, but low zippering.

Figure 32: Long-behavior on the node types found within the system.

Figure 33: Long-time behavior of the number of connected components in the system, with an end state of a highly connected network.

(Medicaid midwives, 2023) and fearlessness,





# Experiment 1

## 1600 Microtubules, Crossover and No Zippering

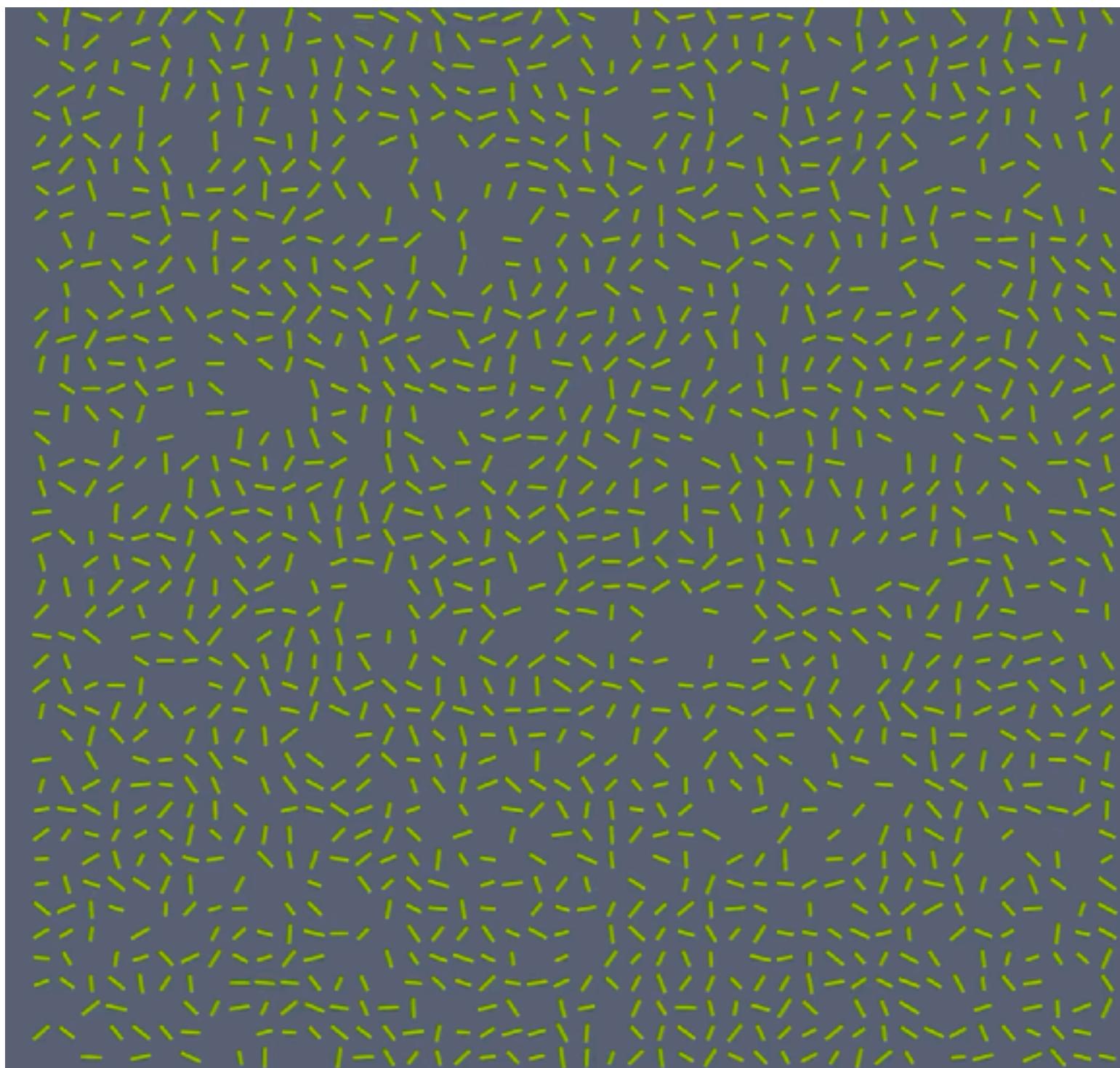


Figure 31: Long-time behavior of simulation with crossover, but low zippering.

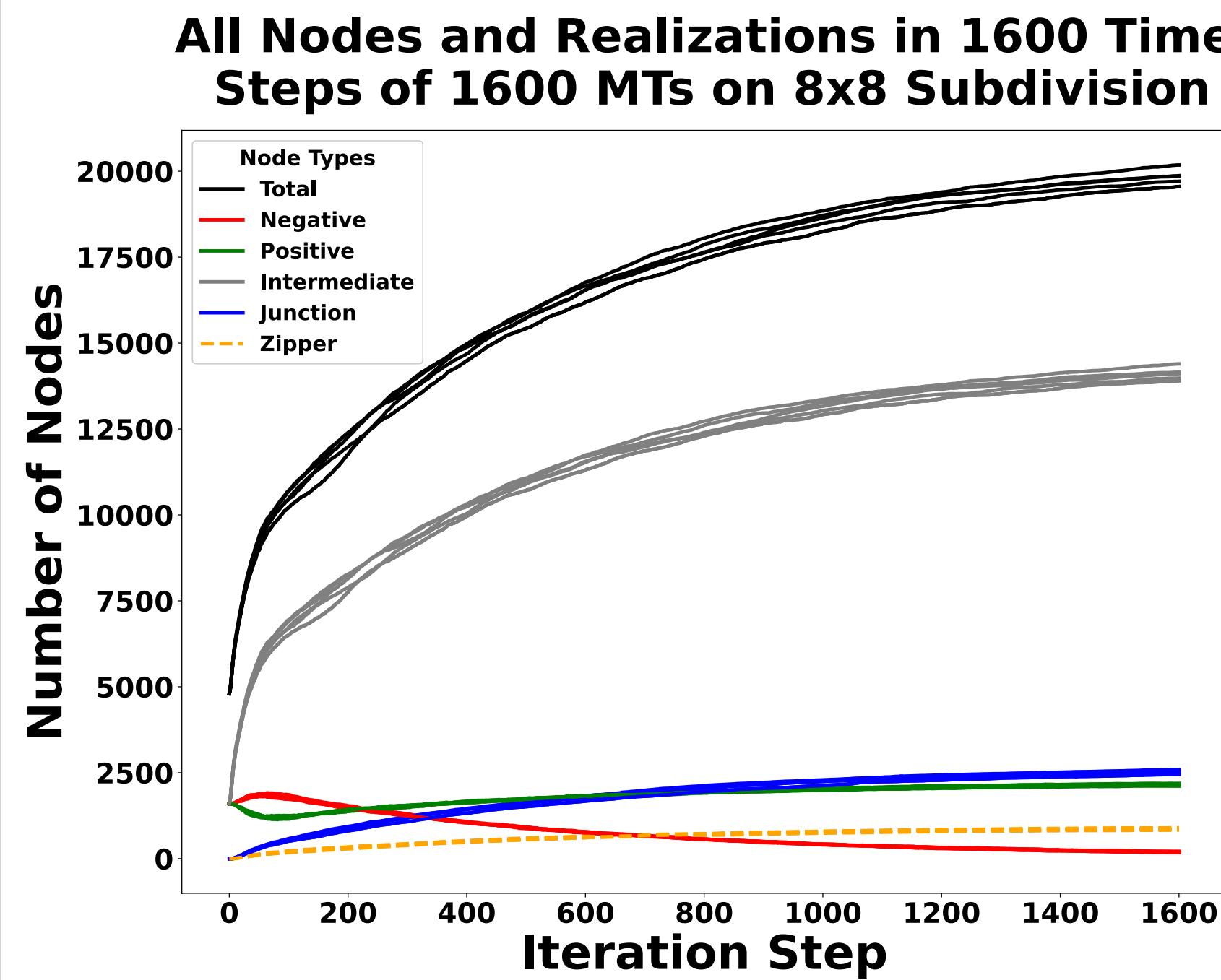


Figure 32: Long-behavior on the node types found within the system.

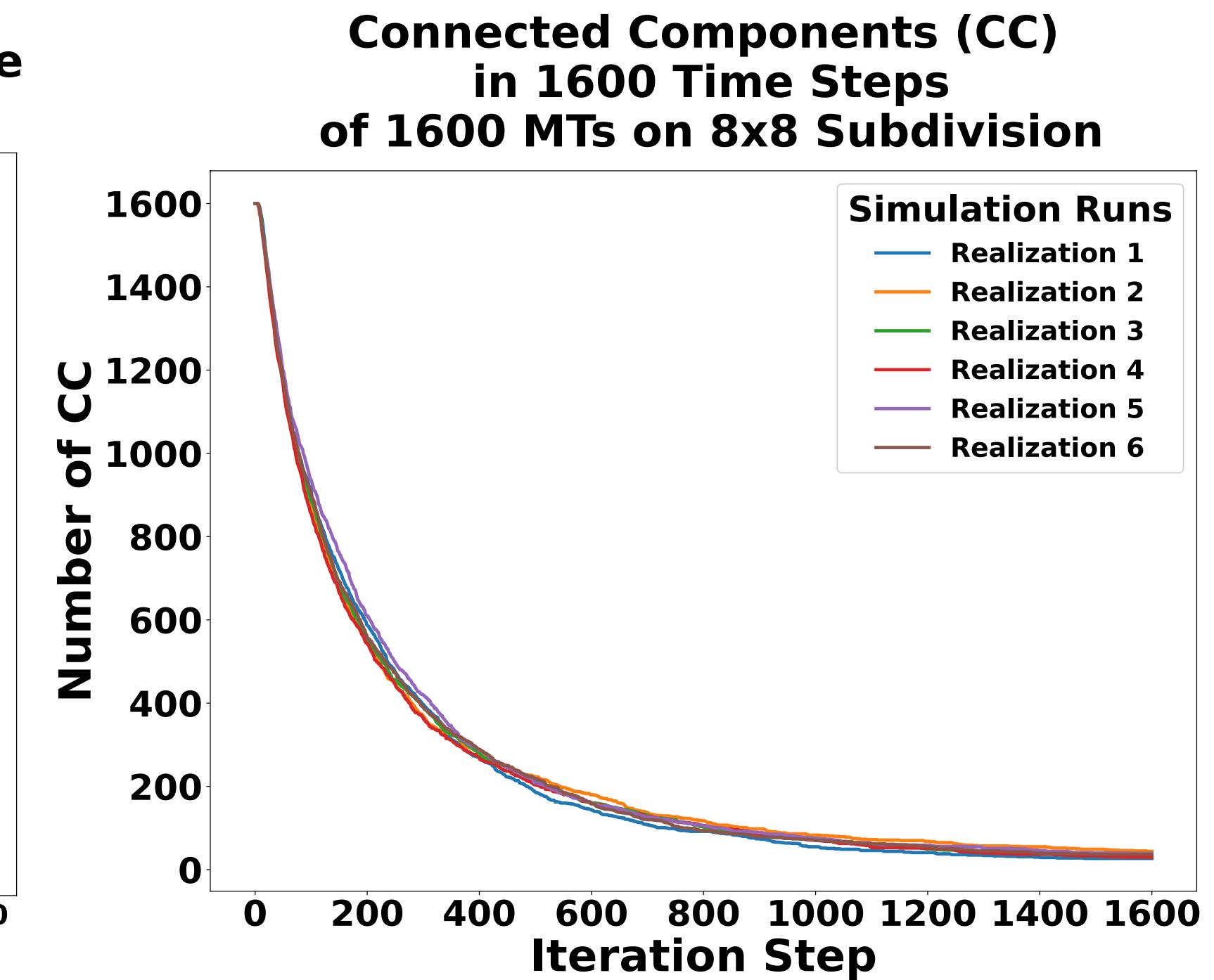


Figure 33: Long-time behavior of the number of connected components in the system, with an end state of a highly connected network.

# Experiment 2

## 1600 Microtubules, two ending behaviors compared

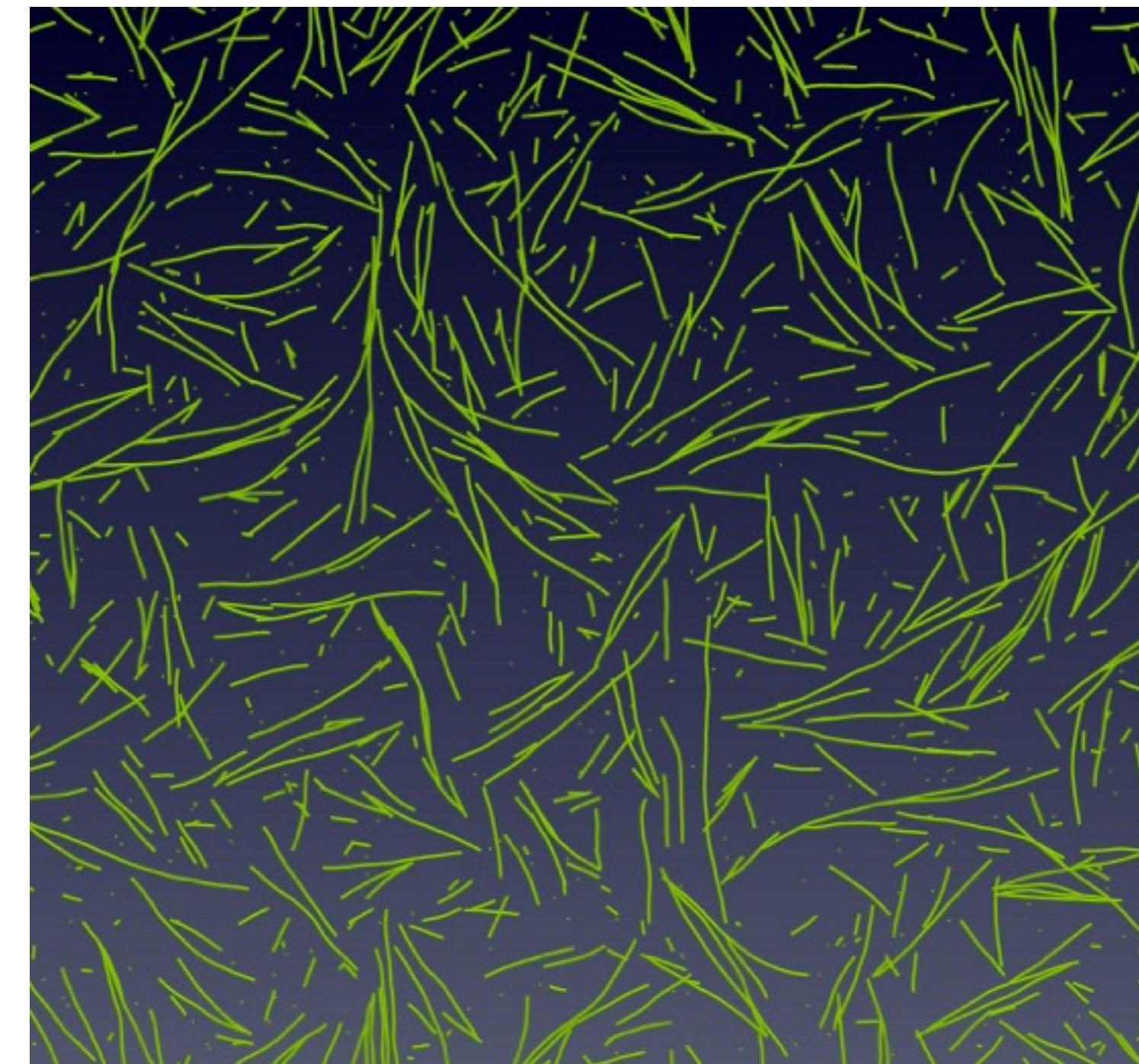
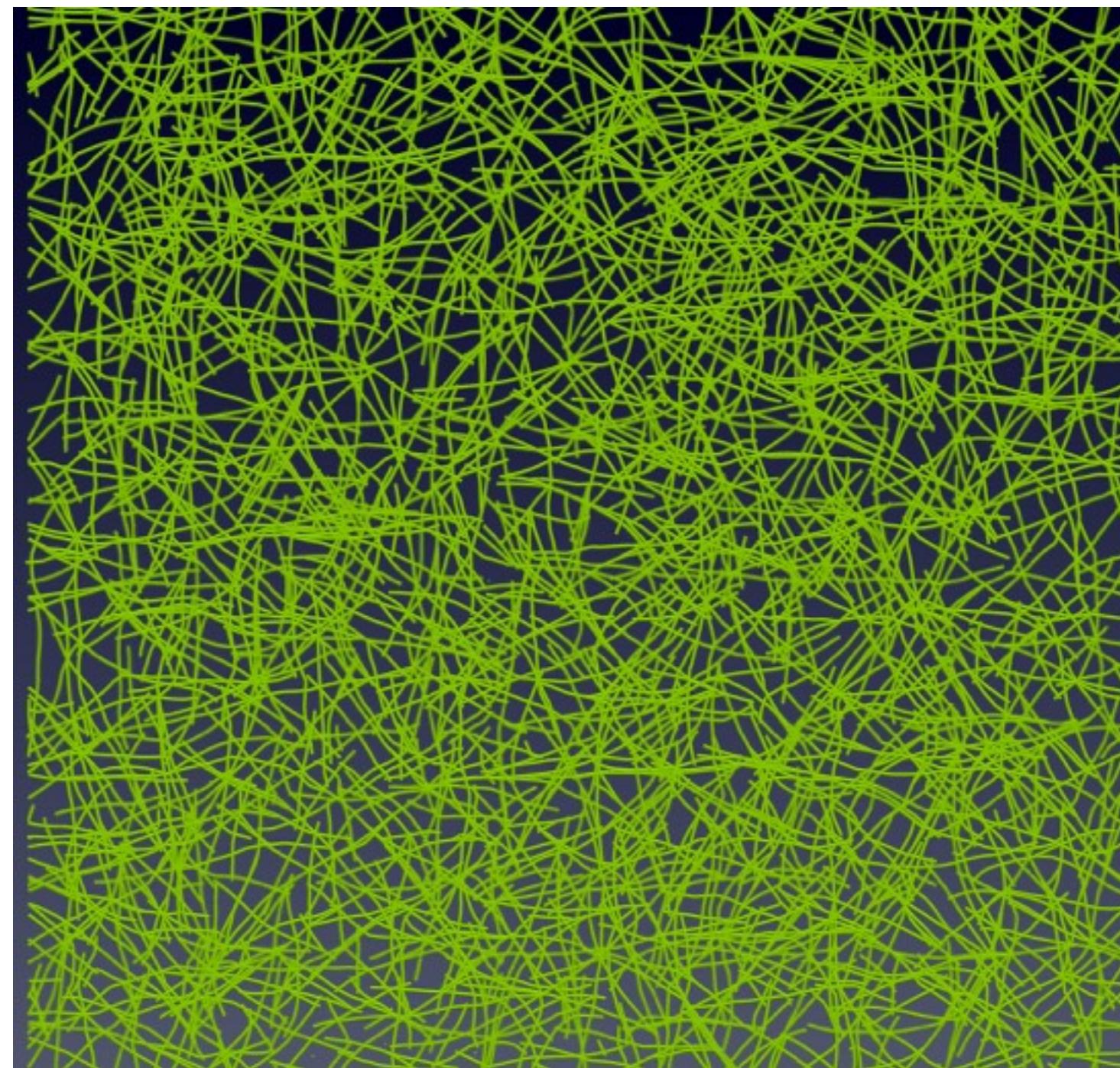


Figure 34: Long-time behavior of simulation with crossover, but low zippering leading to *network-like* behavior.

Figure 35: Long-time behavior of simulation with zippering, but low crossover leading to *local alignment*.

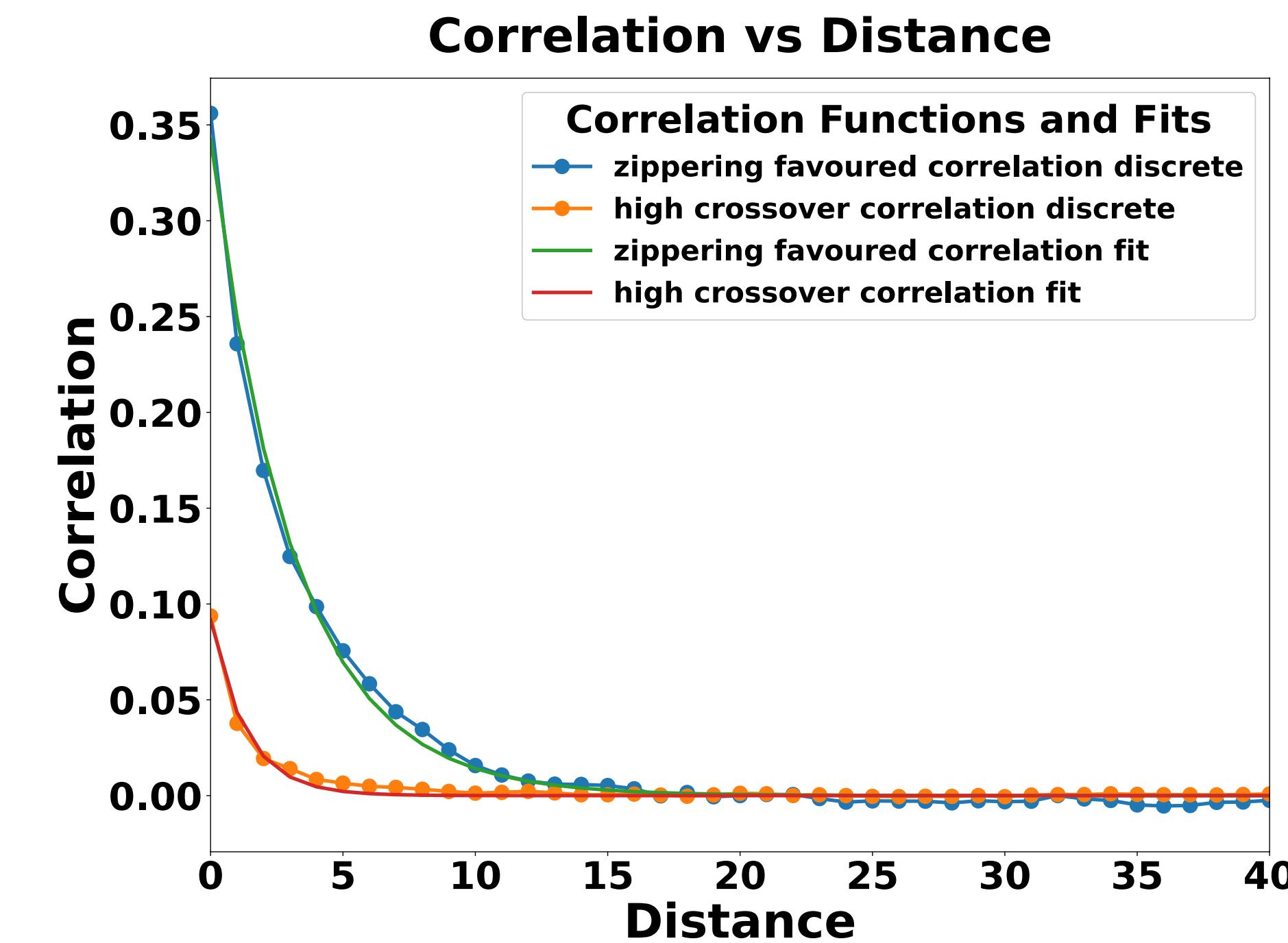


Figure 36: Correlation vs distance function, is the function being fit by  $Ae^{-d/\xi}$  and where correlation is the squared cosine between the orientation of the MT segments.