ReadMe

This repository holds the ImageJ macro and Matlab script described in the book chapter entitled 3D Reconstruction of the Mitochondrial Network within the Neuronal Soma from SBF SEM Volume Data.

*randCoordWithinModel.m*

This script allows for the generation of random points for manual assessment of mitochondria morphology.

*Mitochondria\_Subcellular\_Categorisation.ijm*

This script assesses the location of identified mitochondria and determines if they are localised within the peri-nuclear zone, the peri-membrane zone, or an intermediate (overlap) zone.