

Parameter Table

Parameter	Value	Description
p_h	0.5	The membrane probability map threshold used in the reconstruction of the embryo.
r_h	3 (5)	The radius of the ball used in the morphological processes for the reconstruction of the embryo.
V_{min}	2000 (500)	The threshold for the minimum number of connected components used in the reconstruction of the embryo.
K_S	50	The number of nearest neighboring points used for membrane smoothing.
K_C	50 (800, 3200)	The number of nearest neighboring points used for curvature computation on the membrane.
d_T	8	The distance threshold in voxels from the other membranes from which a temporary junction point cloud is sampled.
K_J	240	The number of nearest neighboring points used to thin the temporary junction point cloud.