Spots Close To Surface

This XTension finds the subset of Spots that are closer to the Surface than the user specified threshold (in um). The coordinates of the Spot and Surface objects are used for the distance calculation. The distance is calculated as the minimal distance of the spot to any point from the surface. As a result, in the Surpass tree two new Spots objects are created; a subset of spots, whose location lies within the specified distance to the surface and the other subset of spots, whose location exceed the specified threshold value. In the viewing area, the subsets of the spots are represented by different colors.

The user can specify which Surfaces and Spots objects should be used. If multiple Spots or Surfaces are selected, each pair of Spots/ Surfaces are analyzed. The number of the Spots objects created is 2 times the 'number of selected Spots items' multiplied by 'number of the selected Surfaces'.