Install	Installs the commands listener	run("3D Manager"); Ext.install("RoiManager3D_");
Command	Description	Example
Segment	3D thresholding and segmentation	Ext.Manager3D_Segment(low_threshold, high_threshold);
AddImage	Add the image with segmented objects into the 3D Manager (see Segment, and 3D Object Counter)	Ext.Manager3D_AddImage();
Count	Get the number of objects	Ext.Manager3D_Count(nb_obj); print("number of objects",nb_obj);
Rename	Rename the selected object	Ext.Manager3D_Rename("new name");
Delete	Delete the object from the list	Ext.Manager3D_Delete();
Erase	Delete the object and erase it from the image	Ext.Manager3D_Erase();
Reset	Reset the 3D Manager, delete all objects	Ext.Manager3D_Reset();
Select	Select an object (behavior depends on select mode, see monoselect or multiselect)	Ext.Manager3D_Select(object);
FillStack	Draws the selected object in the current stack with the specified color	Ext.Manager3D_FillStack(255, 0, 0);
Fill3DViewer	Draws the selected object in the ImageJ 3D Viewer window	Ext.Manager3D_Fill3DViewer(255, 0, 0);
MultiSelect	MultiSelect mode, to make multiple selection	Ext.Manager3D_MultiSelect();
MonoSelect	MonoSelect mode, to select only one object	Ext.Manager3D_MonoSelect();
DeselectAll	Deselect all objects	Ext.Manager3D_DeselectAll();
ShowRoi	Draw the roi of the selected objects in the current slice of the current stack	Ext.Manager3D_Show_Roi();
List	Get the list of voxels of the selected objects (value are extracted from current stack)	Ext.Manager3D_List();
Measure	Compute geometrical measurements on selected objects (see 3D Manager Options to select the measures), if no objects are selected, measure all objects	Ext.Manager3D_Measure();

Measure3D	Compute the 3D geometrical measurements without Results Table, parameter is the type of measure ("Vol","Surf","Comp","Feret","Elon1","Elon2", "DCMin","DCMax","DCMean","DCSD")	object = 0;
		Ext.Manager3D_Measure3D(object,"Feret",measure);
		print("feret of object "+object+" = "+measure);

Centroid3D	Get the 3D coordinates of barycenter	Ext.Manager3D_Centroid3D(0,cx,cy,cz); print("center " : "+cx+" "+cy+" "+cz);
Bounding3D	Gets the coordinates of the bounding box	Ext.Manager3D_Bounding3D(0,x0,x1,y0,y1,z0,z1); print("Zmin="+z0+" Zmax="+z1);
Quantif	Compute intensity measurements on selected objects (see 3D Manager Options to select the measures), if no object are selected, measure all objects	Ext.Manager3D_Quantif();
Quantif3D	Compute the 3D intensity measurements without ResultsTable, parameter is the type of measure ("IntDen","Mean","Min","Max","Sigma")	object = 0; Ext.Manager3D_Quantif3D(object,"IntDen",quantif); print("integrated density of object "+object+" = "+quantif);

MassCenter3D	Get the 3D coordinates of center of mass (from the current stack)	Ext.Manager3D_MassCenter3D(objet,cmx,cmy,cmz); print("mass center : "+cmx+" "+cmy+" "+cmz);
Distance	Compute the distances between objects (centre to centre, centre to border, border to border, radial distance, eccentricity)	Ext.Manager3D_Distance();
Dist2	Compute the distances without ResultsTable, the parameter is the type of distance ("cc","bb","c1b2","c2b1","r1c2","r2c1","ex2c1","ex1c2")	Ext.Manager3D_Dist2(0,1,"cc",dist); print("distance",dist);
Coloc	Computes the percentage of colocalisation between selected objects, and contact surface (experimental)	Ext.Manager3D_Coloc();
Closest	Computes the closest object in the selected ones, with the specified distance	Ext.Manager3D_Closest(i,"cc",close) ; print("closest from ",i, "is",close) ;
Coloc2	Compute the colocalisation without ResultsTable	Ext.Manager3D_Coloc2(0,1,coloc1,coloc2,surf_cont); print("% Coloc ",coloc1,coloc2);
Angle	Computes the angles between 3 objects (based on centres)	Ext.Manager3D_Angle();