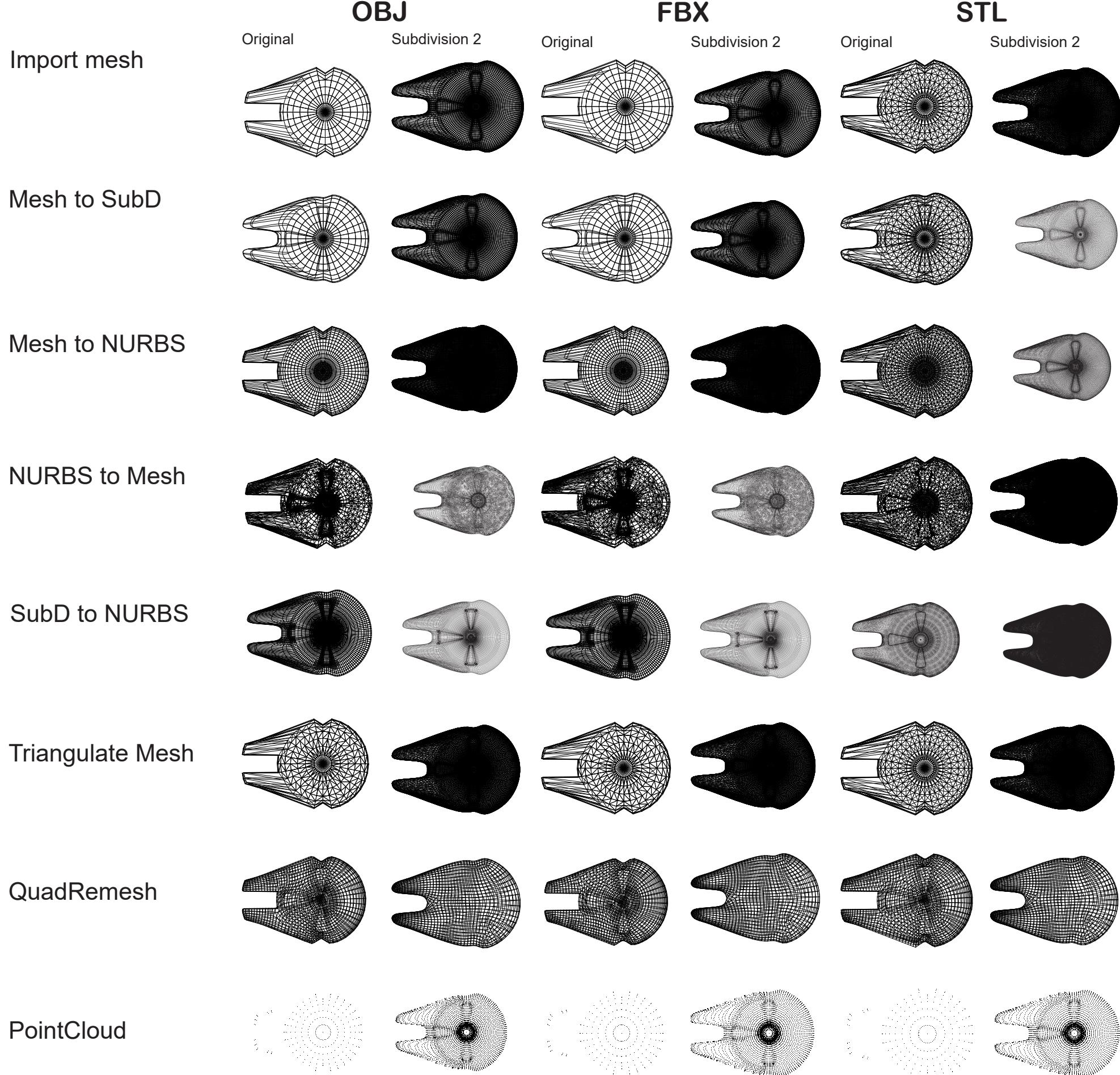


Object 2: Closed Volume



The second object is an oval that has been extruded and stretched to create a form similar to that of the Millennium Falcon from Star Wars. Like object one, this object was created in Blender and uses two variations.

Again, many similarities were seen, also in the QuadRemesh and PointCloud conversions. The OBJ and FBX formats are exactly the same for both the original and subdivided conversions as well.

Every conversion for this object was able to be completed in the same Rhino file, with a file size of 900 MB. Again, the STL conversions impacted the file size the most. By looking at the chart, it is evident as to why this is the case. The SubD to NURBS object just looks like a solid black object when zoomed out enough, and the thousands of faces can only be seen when zoomed in.