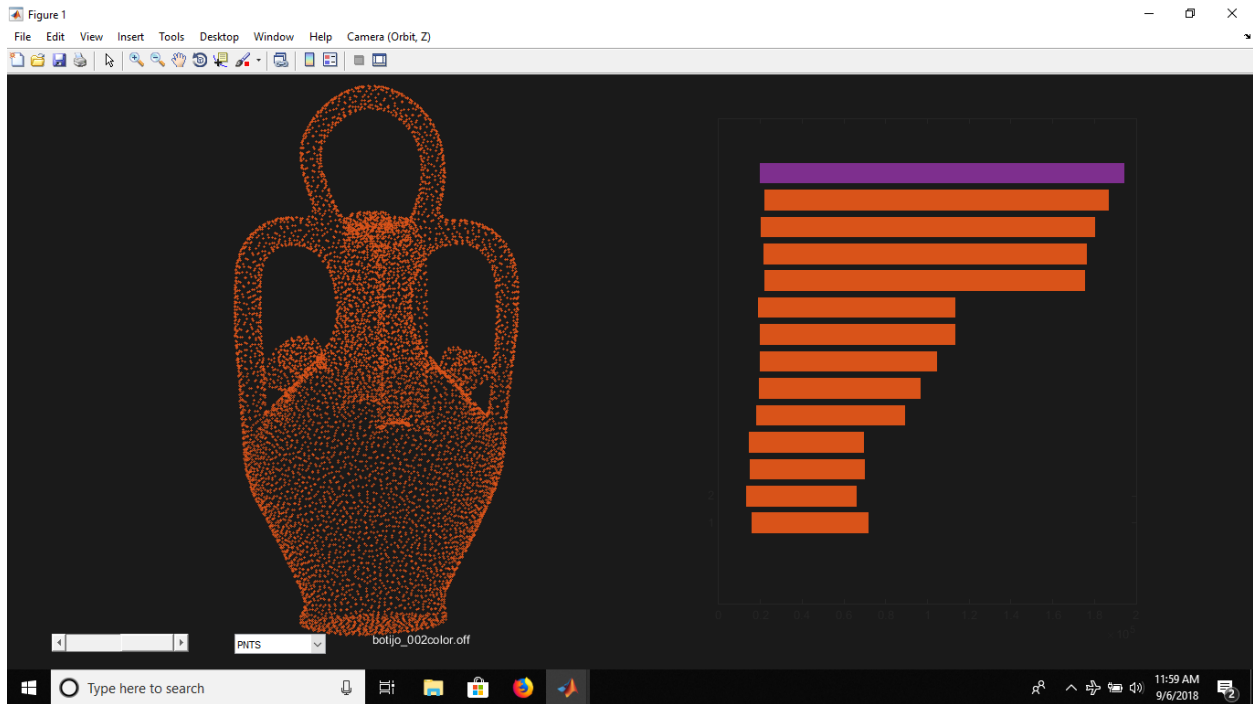


The script in MATLAB runs to show the persistent 1-cycle corresponding to barcodes. This is basically the part where you get the following model/image:



It takes as input the following files:

1. INPUT OFF file containing the model (IN OFF FORMAT) or INPUT IMAGE (JPG, PNG)
2. Simplices barcode file (see persloop software attached) the name should end with '_pers'
3. Filtration file (see persloop software attached) the name should end with 'f.txt'

The script asks for an off or image file and displays modes/image accordingly. It expects all the other files to be in the same folder as input.

Example: try running on input/botijo_002.off