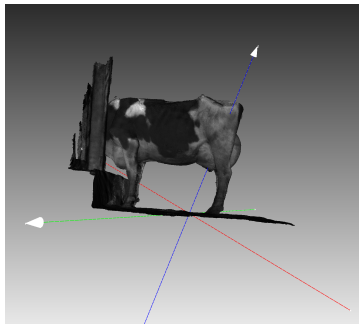


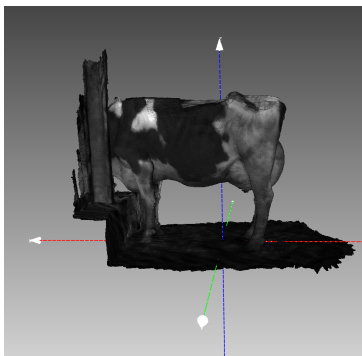
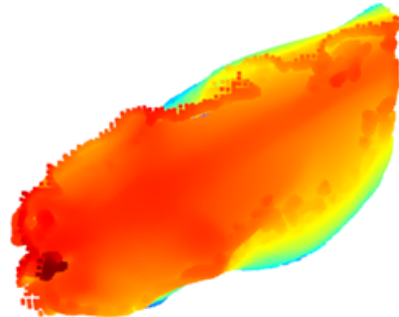
Input point cloud



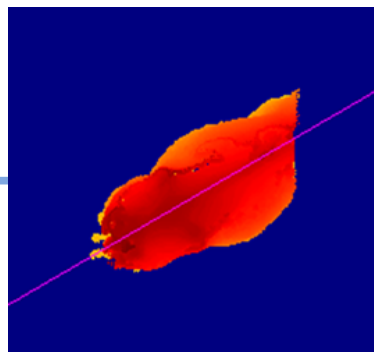
Ground plane detection



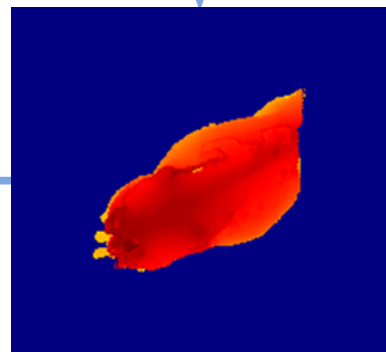
Artifacts cleansing and Extract main body



Global coordinate alignment result



Direction computing



Project on ground plane