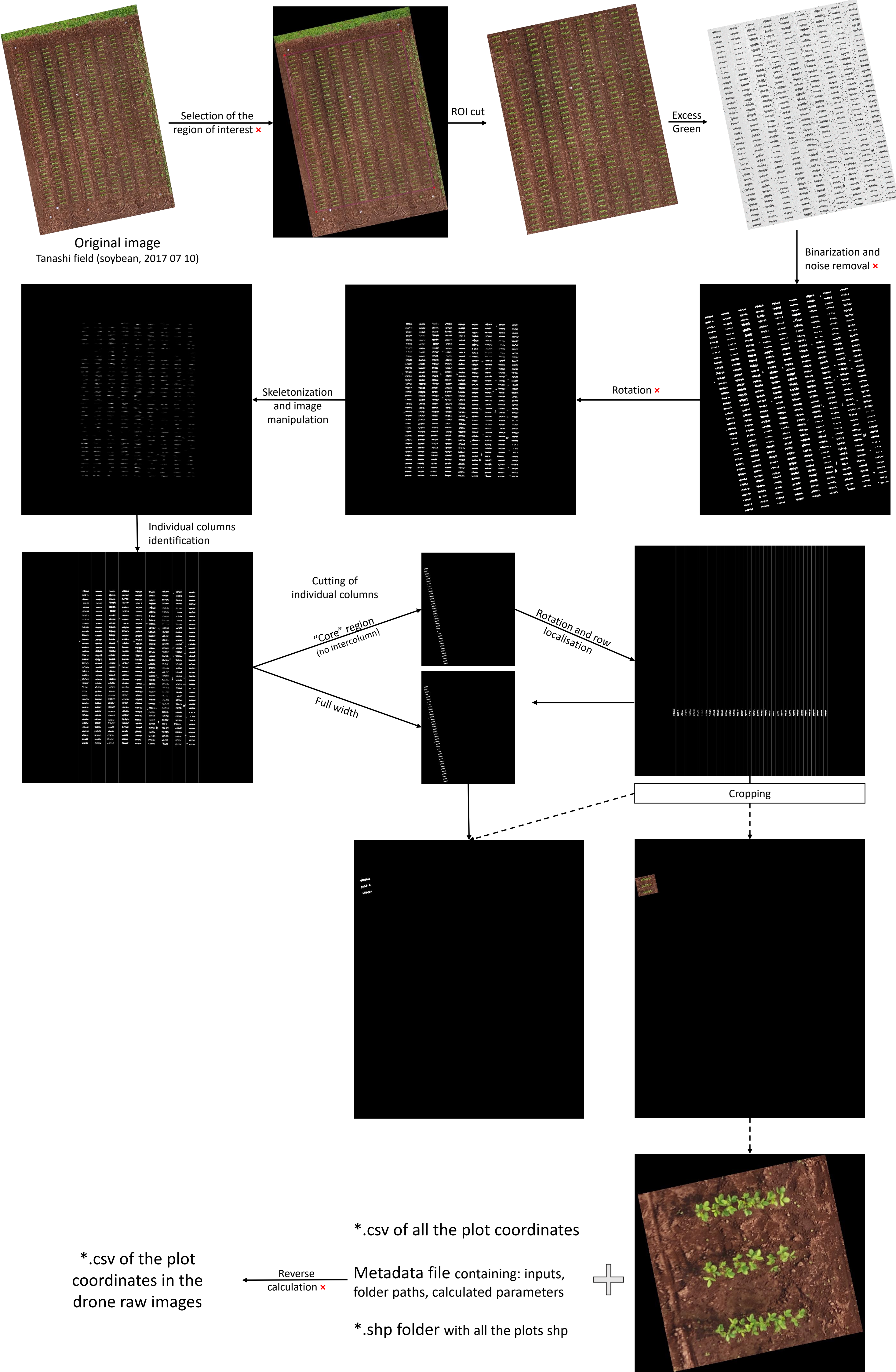


Semi-automatic segmentation : global pipeline visually explained

✗ = steps using user inputs



Inputs (manual) :

- Field image (georeferenced or not, can be binary)
- Field delimitations (drawn)
- Noise removal
- Global orientation of the columns
- Reverse calculation inputs (Digital Surface Model, offset, Pmatrix, raw images folder)

Main outputs :

- Binary image (if not inputted)
- All microplots images (georeferenced if the original image is)
- All individual microplots *.shp files
- Global microplots shapefile (merge of individual shp)
- All microplots coordinates in raw drone images
- All microplots corners coordinates (pixel +/- georeferenced, depending on the original file)
- Metadata file (summarizing all inputs)

NOTE : please understand that the output images can vary because of the field delimitation even with the same other inputs.