

Bounding boxes for Type_1

posted in Intel & MobileODT Cervical Cancer Screening 10 months ago





Disclaimer

I am not an MD, but I have a masters in biology and I'm doing a PhD in oncology (bioinformatics side). I annotated on all images what looked like epithelial lesions, but I cannot guarantee perfect labelling.

Script to annotate

I edited this script for the natural conservancy fish so that I could label more than one object per image. I'm not sure that it's super helpful here but I kept it this way. My python script using OpenCV2 is also attached, use, edit or share as permitted by the licenses of sqshemet.

Results

Format

The file is space separated with columns:

Filenames | number of rectangles | min(x1) | min(y1) | width1 | height1 (addtional coordinates if more than one rectangle).

x,y, width, height

x,y, width and height are pixel divided by two compared to the full size image (this was only due to the fact that some images did not fit my screen otherwise). Please take this into account when resizing.

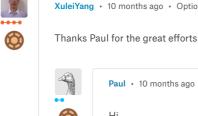
Additional notes:

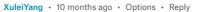
- 1. The paths are "Windows" style, so you may want to change "\" to "/" for Unix users
- 2. Feel free to comment or suggest improvements in the annotations.

Skipped images

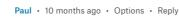
I skipped some images when I had no idea about what should be annotated. I wanted to information as accurate as possible.

- ▼ Type_1_bbox.tsv (8.82 KB)
- ⊗ ObjectMarker2.py (7.78 KB)
- Type 2 bboxes.tsv (27.3 KB)
- ▼ Type_3_bbox.tsv (15.52 KB)





Thanks Paul for the great efforts to come out the bounding box. Will you continue the annotations for the rest?





I have just added bounding boxes for type 3 also. I don't plan on using and annotating the additional dataset so far if that was your question.





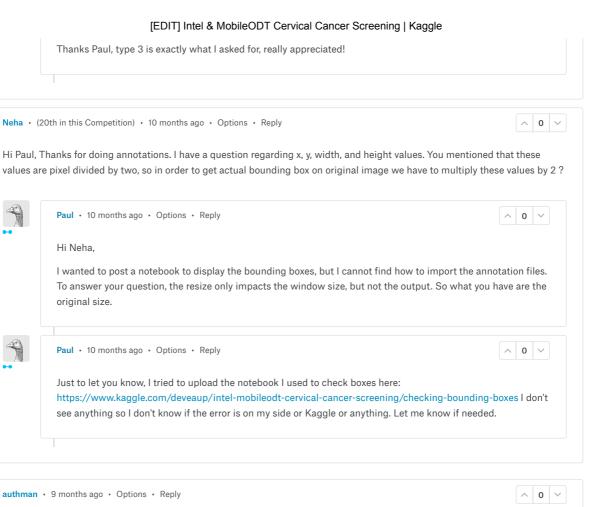


XuleiYang • 10 months ago • Options • Reply

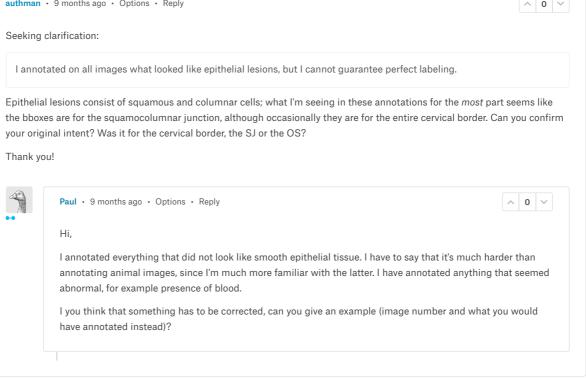
^ 1 V

^ 3 ×

^ 1 ×









Thanks for your annoation. I have refined some annoations of yours and support for everybody. The file is in "https://github.com/ChenhanXmu/Cervical_Cancer". But I can't ensure that the work shall be done in the right way.

Han199214chen · 8 months ago · Options · Reply

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