

**User Guide** 

**INOVTAXON Software** 

# **Inovtaxon** - identification of leaf images

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## Run directory:

- •cd src
- python main.py

### **Dependencies**

- •Python 2.7.6
- •Opencv 2.7
- •scikit-image
- •TK Development
- python-weka-wrapper

## For Ubuntu:

sudo apt install python-minimal sudo apt-get install python-opencv apt install python-pip sudo pip install -U scikit-image sudo apt-get install tk tk-dev sudo apt-get install build-essential python-dev sudo apt-get install python-pip python-numpy sudo apt-get install default-jdk pip install -U pip

```
error pip:
sudo python -m pip uninstall pip && sudo apt install python-pip --reinstall
sudo apt install python-numpy or pip install numpy
```

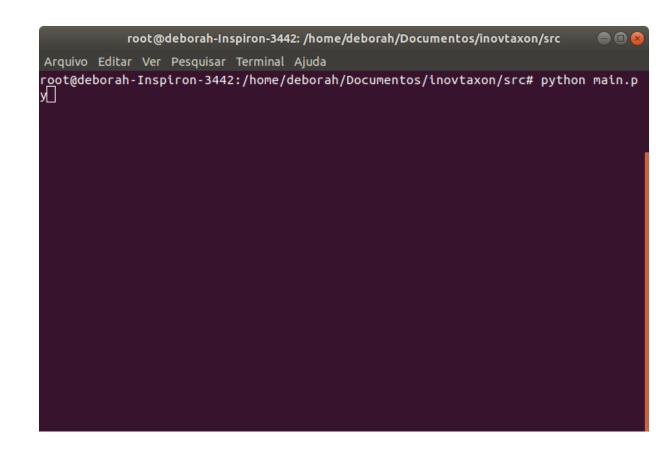
sudo apt-get install python-numpy python-scipy python -m pip install -U matplotlib python -m pip install --user numpy scipy matplotlib ipython jupyter pandas sympy nose pip install ipython[all] pip install networkx sudo apt-get install libfreetype6 pip install Cycler sudo apt-get install python-pil python-matplotlib python-pygraphviz sudo pip install javabridge==1.0.18 sudo pip install python-weka-wrapper sudo apt-get install tk8.5 sudo apt install python-pil.imagetk

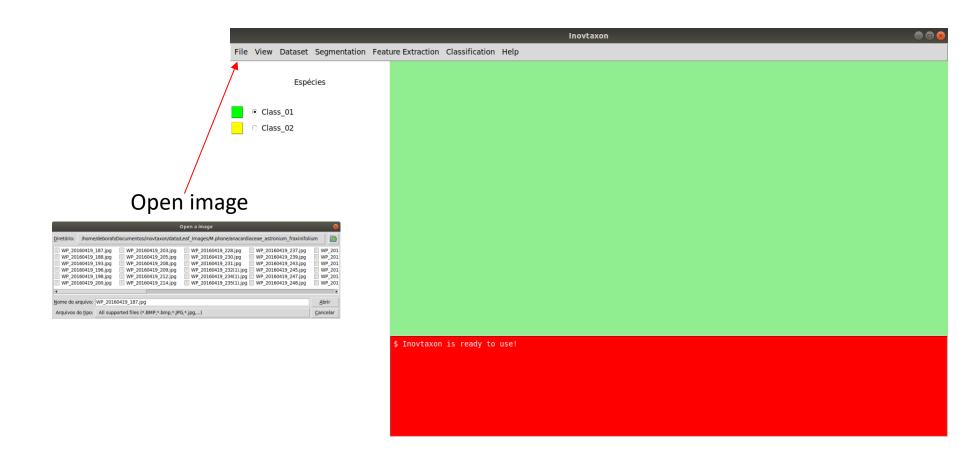
apt install linuxbrew-wrapper

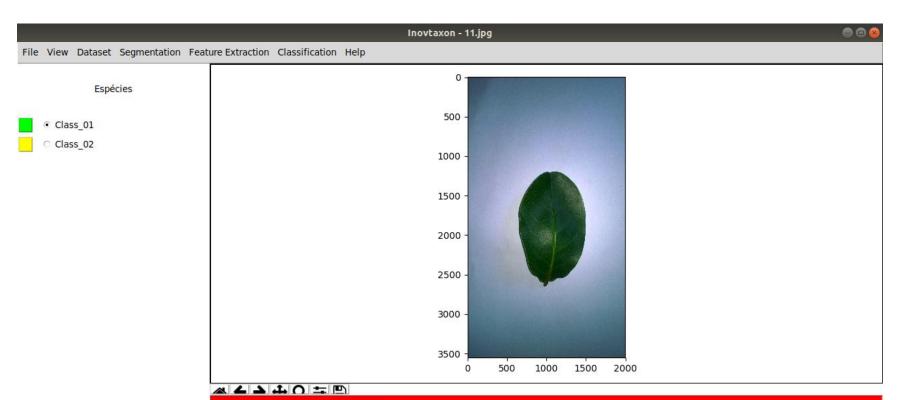
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		fabaceae_andira_cuyabensis	80 itens	1 de mai de 2016
		Fabaceae_bowdichia_virgilioides	80 itens	1 de mai de 2016
		fabaceae_copaifera	80 itens	1 de mai de 2016
		fabaceae_dimorphandra_mollis	80 itens	1 de mai de 2016
		fabaceae_diptychandra_aurantiaca	80 itens	1 de mai de 2016
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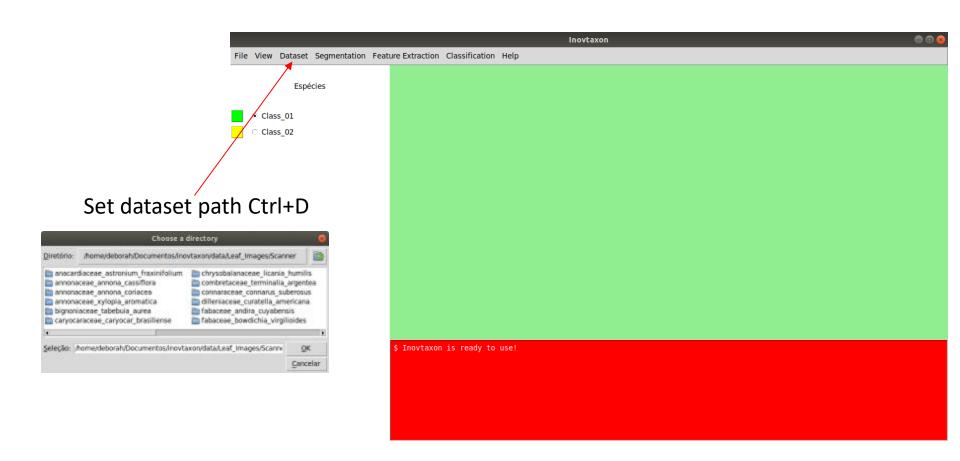
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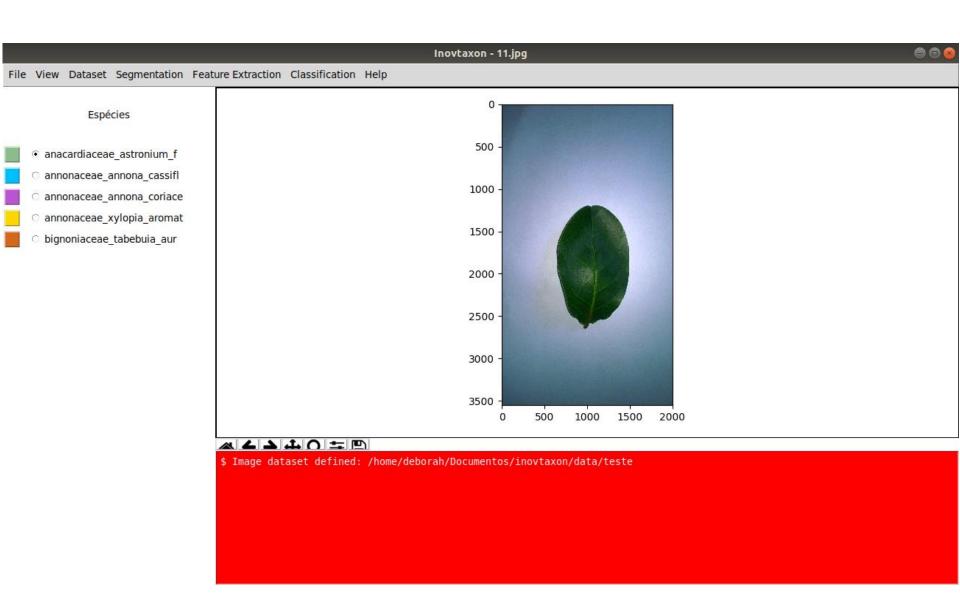


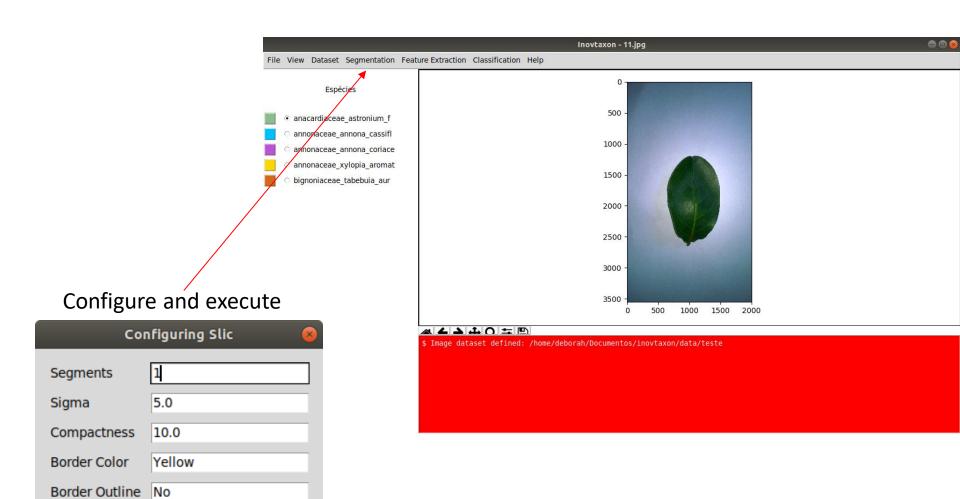




\$ Coordinates: x = 1227 y = 898

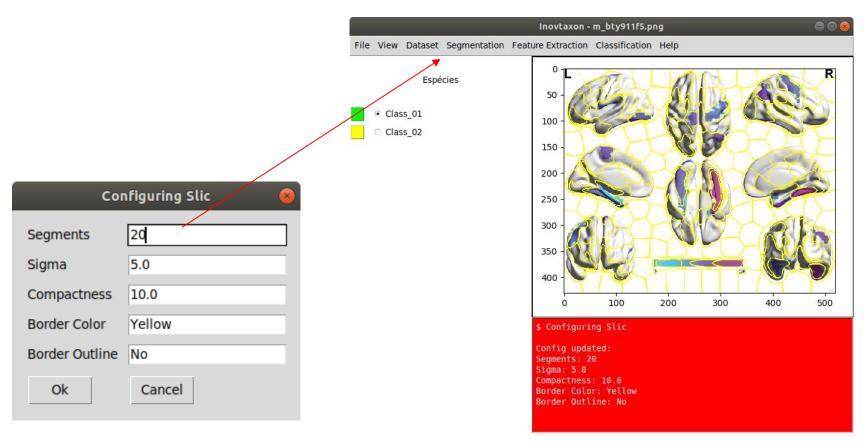






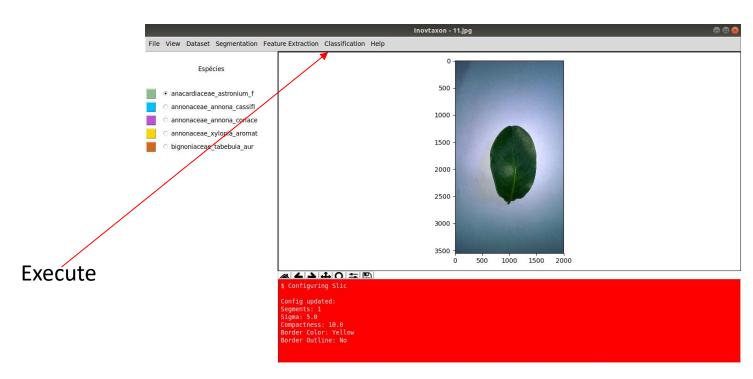
Ok

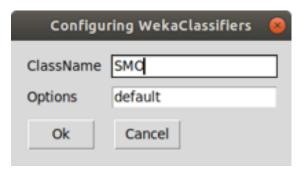
Cancel



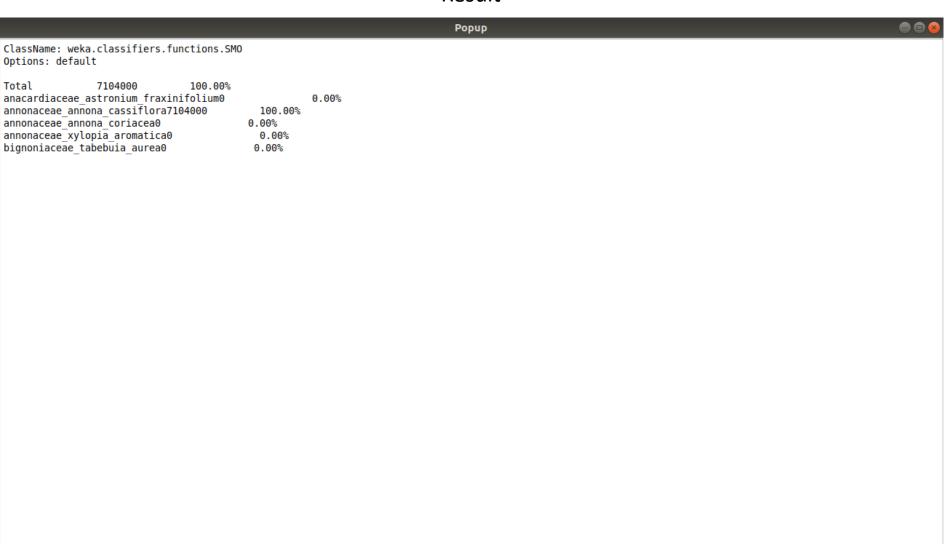
Is possible segments of 0-250

Image: Meiling Wang et al. Discovering network phenotype between genetic risk factors and disease status via diagnosis-aligned multi-modality regression method in Alzheimer's disease, *Bioinformatics*, Volume 35, Issue 11, 1 June 2019, Pages 1948–1957, https://doi.org/10.1093/bioinformatics/bty911





# Result



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