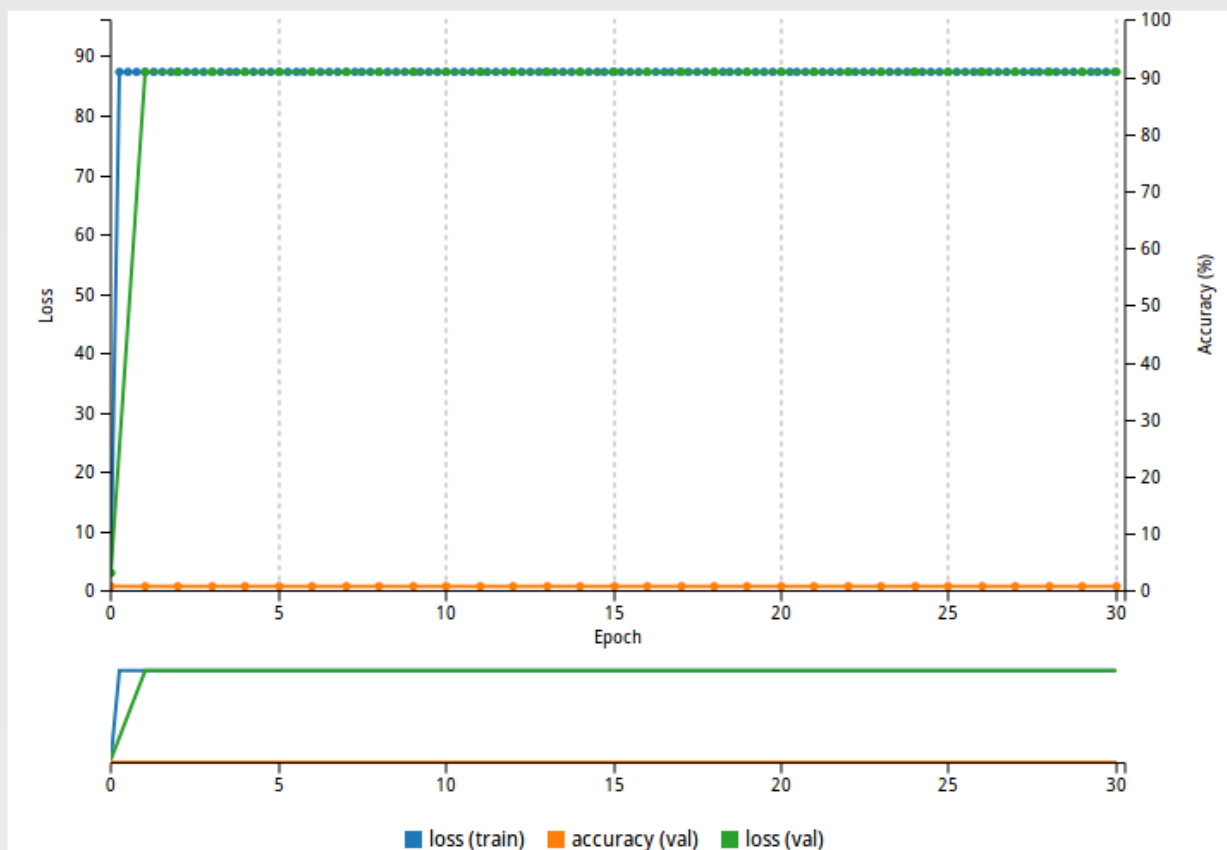


Setbacks:

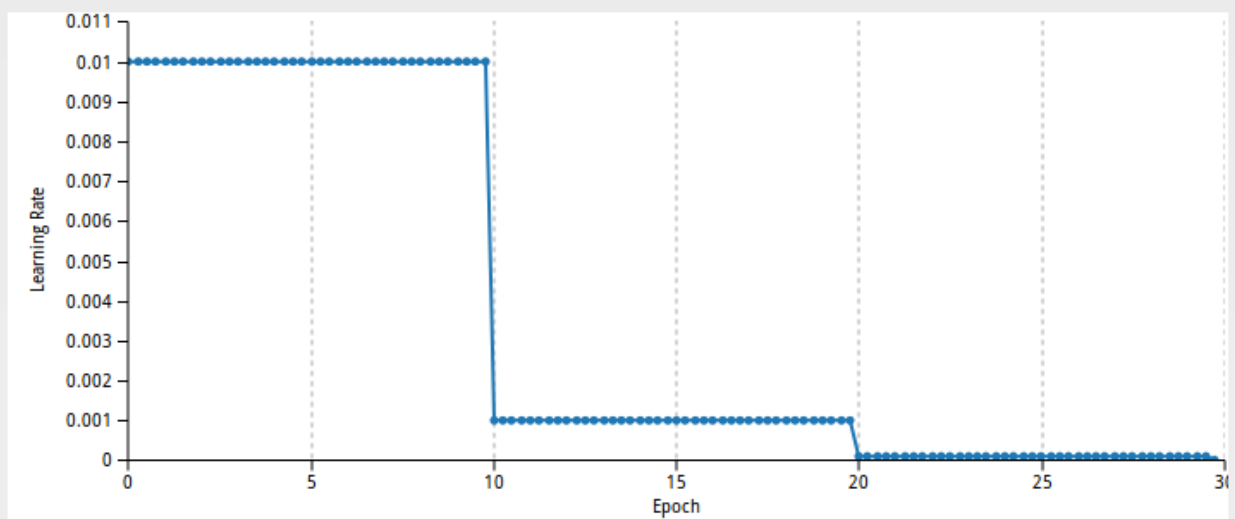
- 1). Different types of input n outputs to be fed into CNN/FCN networks;
- 2). Among end-to-end frameworks, the intermediate layers holds almost same type of data;
- 3). The works remained to be finish is to find out if softmax or other function can identify various inputs;

Experiment:

- 1).Try FCN-8 with pretrained weight loss model, giving error of:



[View Large](#)



ValueError: range parameter must be finite.(Lack of dice layer to evaluate)

2). Try HHA images feed into CNN, noticed that only depth input can't serve more info than a RGB one.

HHA is not suitable for small scale scenario, due to its definition that geocentric properties comparison was made with reference to ground, which is oversized for conditions such as blood detection or other surgical scene.