name and # of experiment

1-Previous observed state. List here the main outcomes from one or more previous experiments that leads to this one (list their #)

2-Current hypothesis. Based on 1, which hypothesis you manage regarding the observed state

3-Experimental setup & details. Describe which experiments you intend to conduct to validate 2 in detail

**4-Experimental outcomes** List the outcomes of the experiment. Include support visuals in separate slides

5-Observations Final observations on this experiment considering 1, 2, 3 and 4

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#16 shows an **overfitting** of the model

we test **dropout rates** 0,2 to 0.5 at increments of 0.1 **between the two FC**

Since the **model complexity is already adjusted** to the problem (see #12), and **basic regularization has already been added** with limited results (see #14), lets try **more aggressive regularization**. Adding **dropout** on the fully connected layers may reduce OF significantly
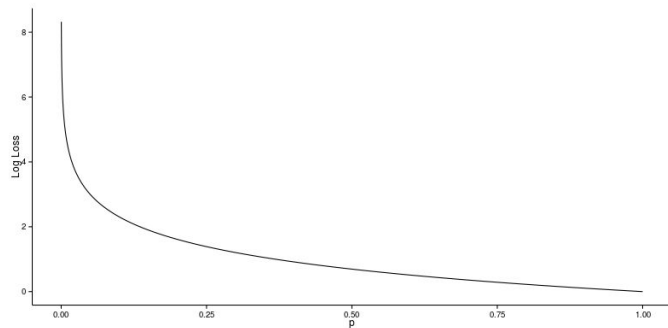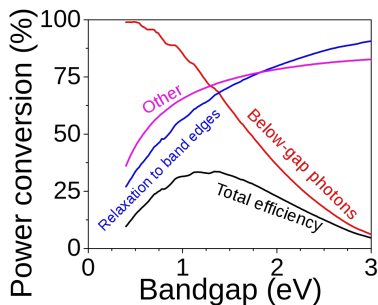
Results show the **best rate is 0.3,** based on val acc/loss. Overfitting is reduced, but **training becomes much slower** as the **network manages to converge**. Still **some overfitting left**