

# 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

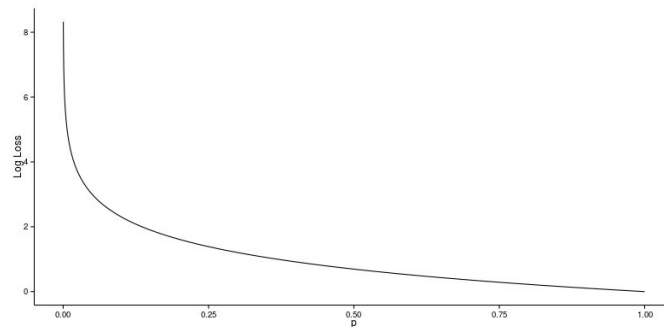
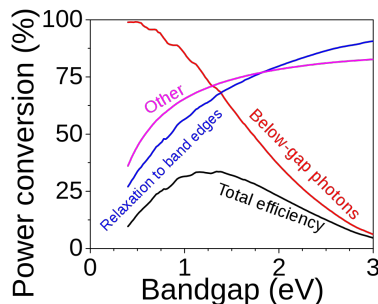
5-Observations Final observations on this experiment considering 1, 2, 3 and 4

# #17: Further regularizing #16

1-Experiment #16 shows an overfitting of the model

3-We test dropout rates 0,2 to 0.5 at increments of 0.1 between the two FC

2-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



5-Results show the best rate is 0.3, based on val acc/loss. Overfitting is reduced, but training becomes much longer as the network manages to converge. Still some overfitting left