

```
1: ps = [  
2:     { "min": 1,          "max": 1024 },      # minibatch  
3:     { "min": 0.000000000001, "max": 0.01 },  # alpha  
4:     { "min": 0.5,        "max": 1 },        # beta1  
5:     { "min": 0.5,        "max": 1 },        # beta2  
6:     { "min": 10,         "max": 100 },      # epochs  
7: ]
```