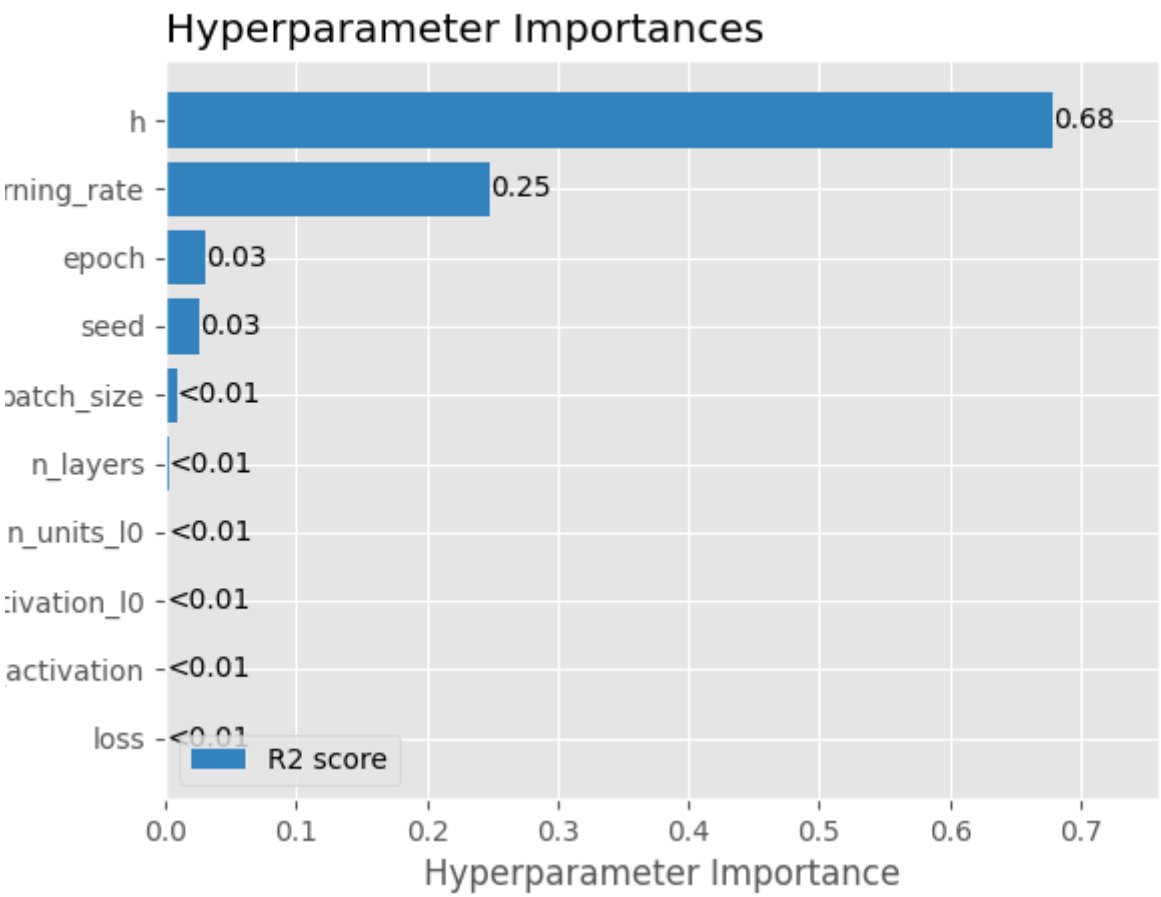
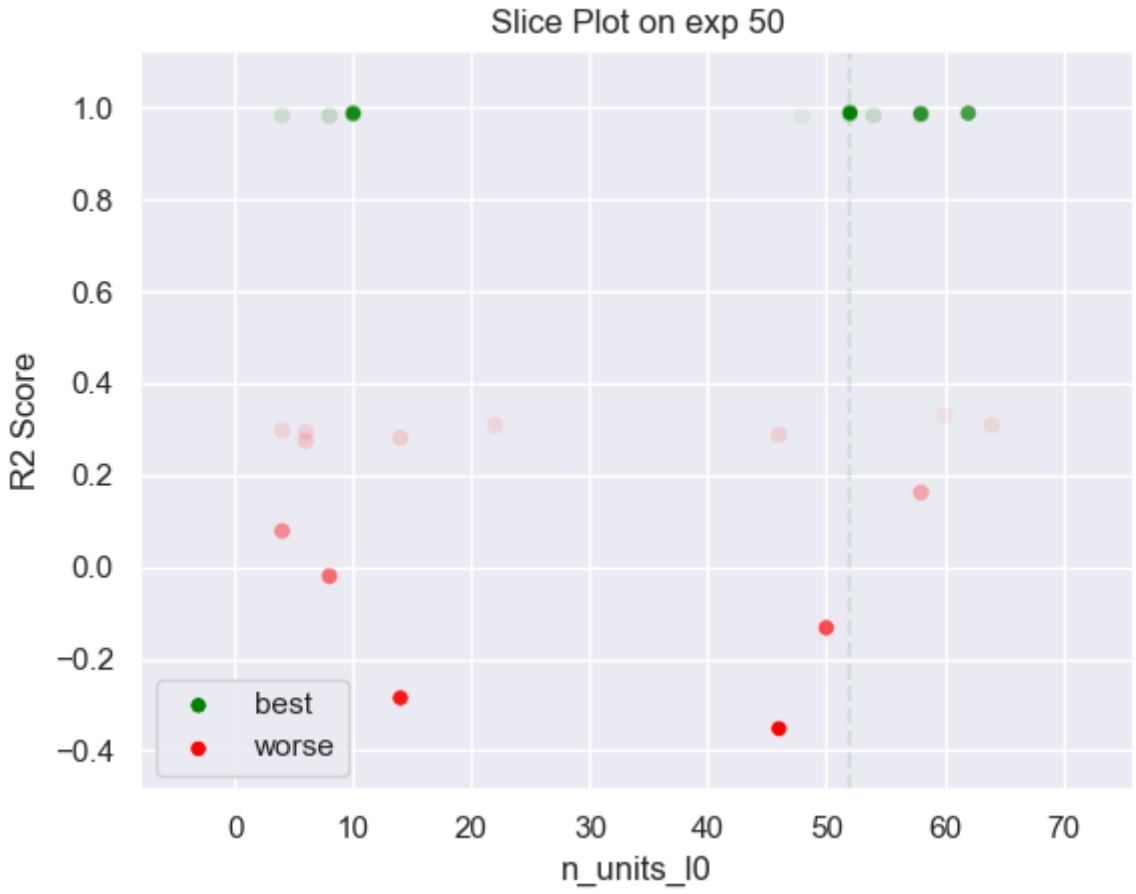
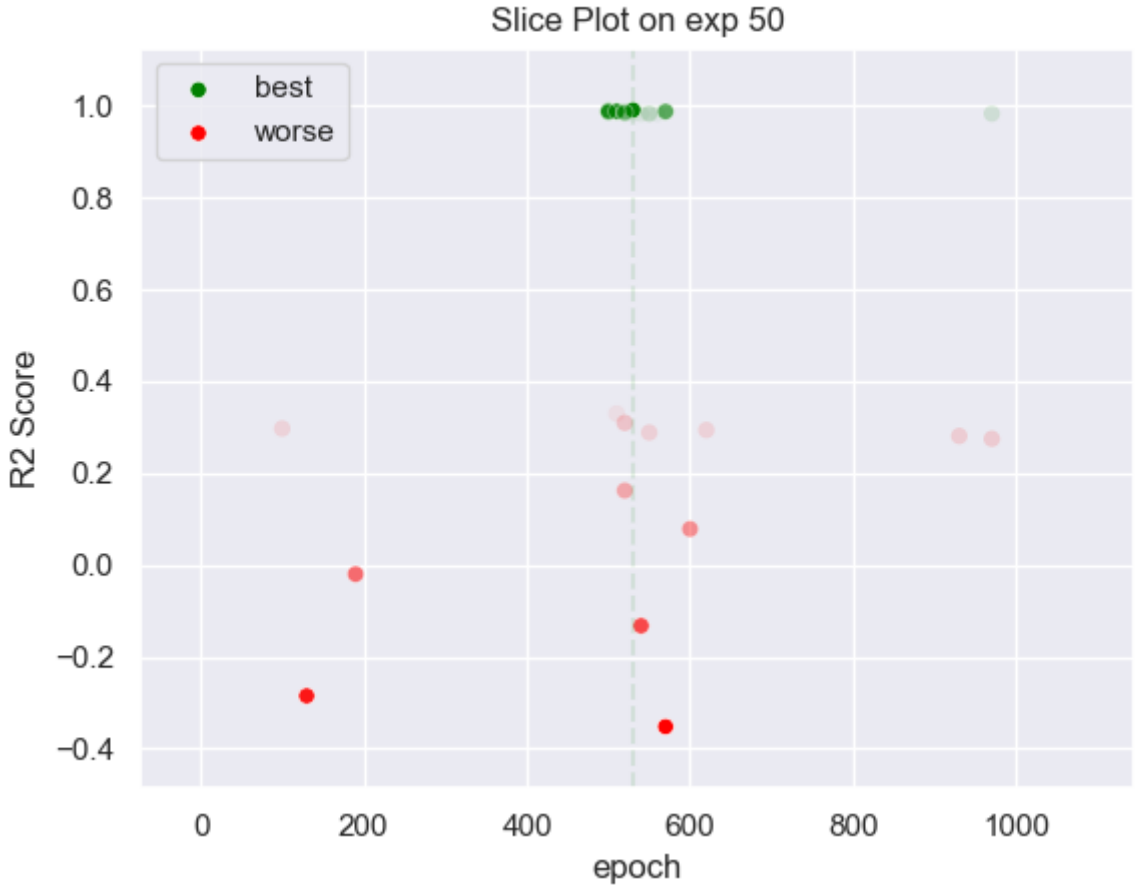
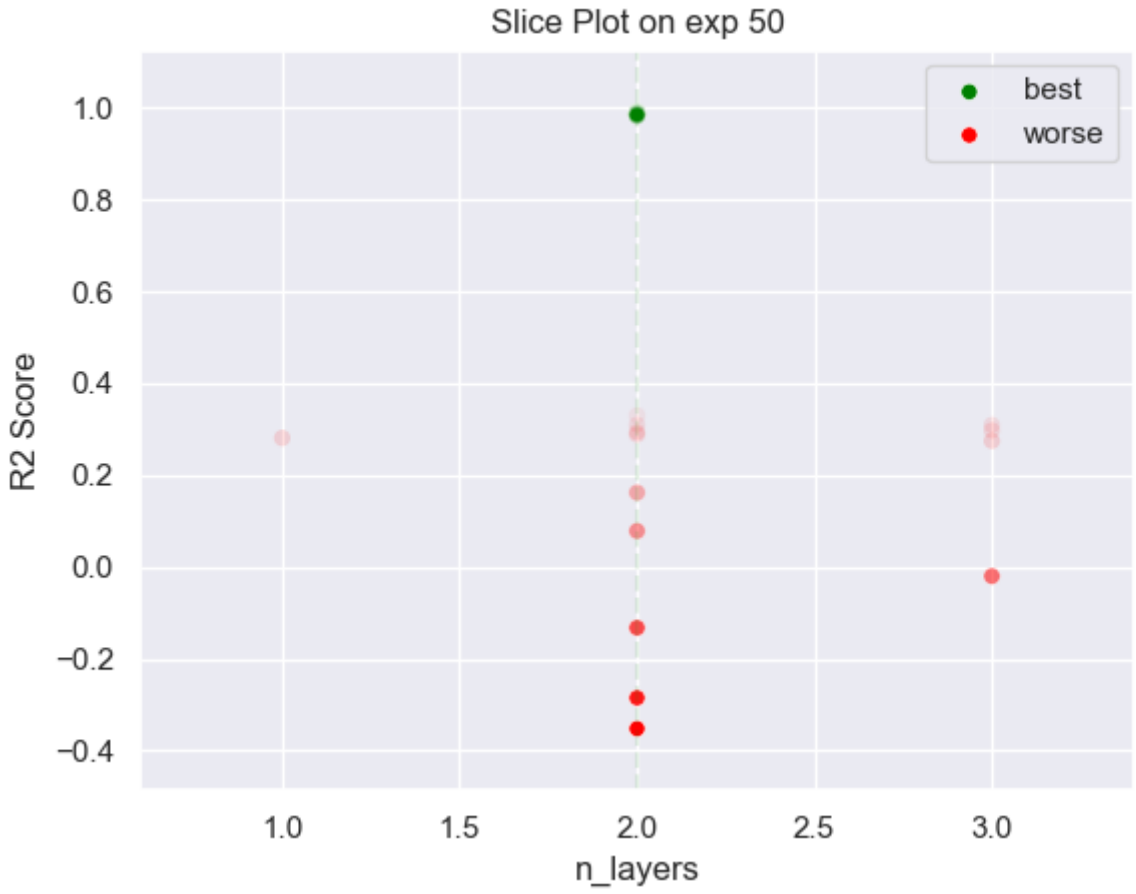
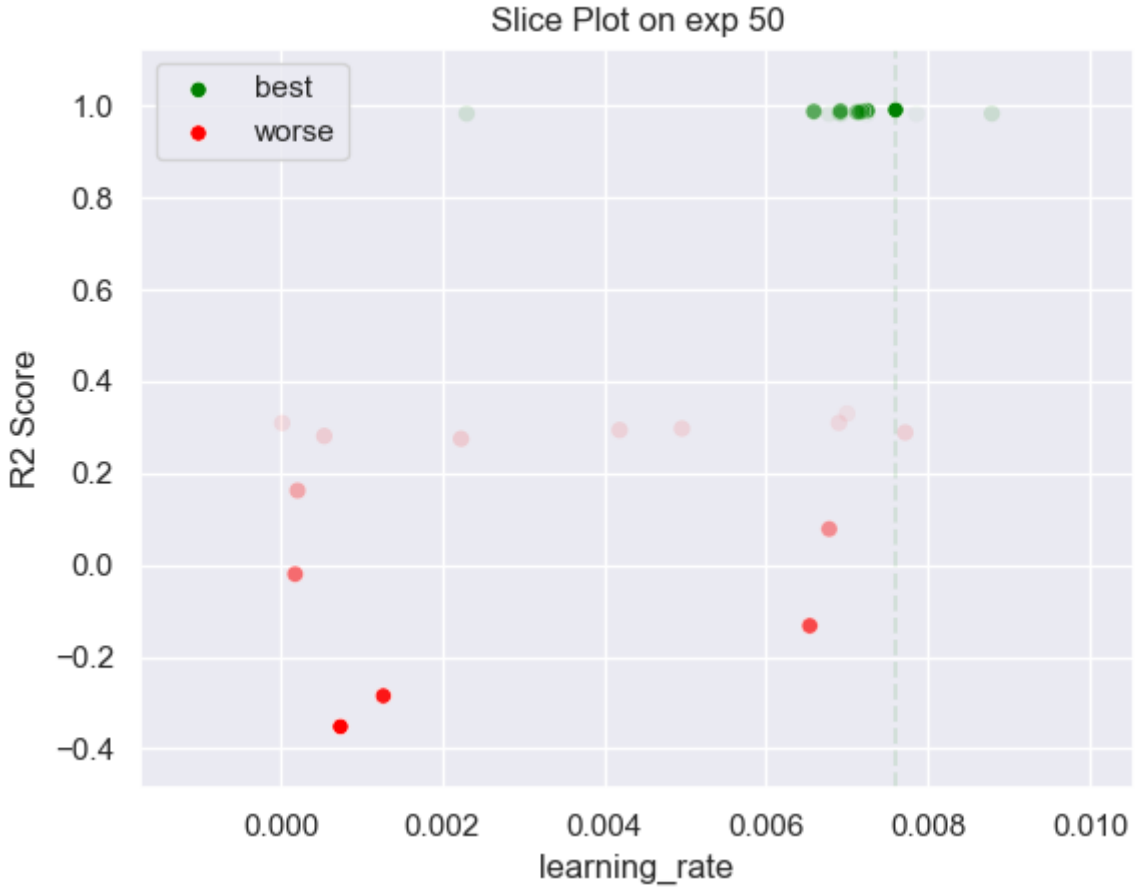
MLP PARZEN 50 exp

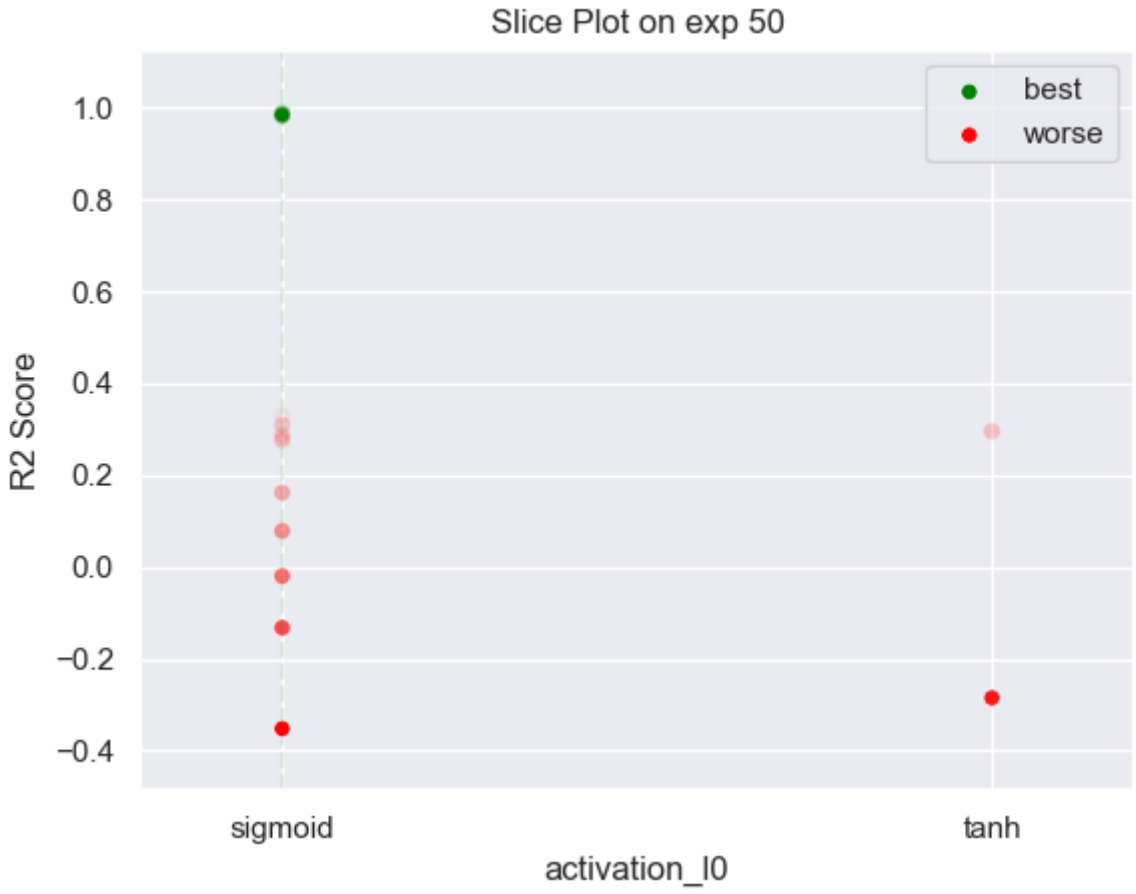


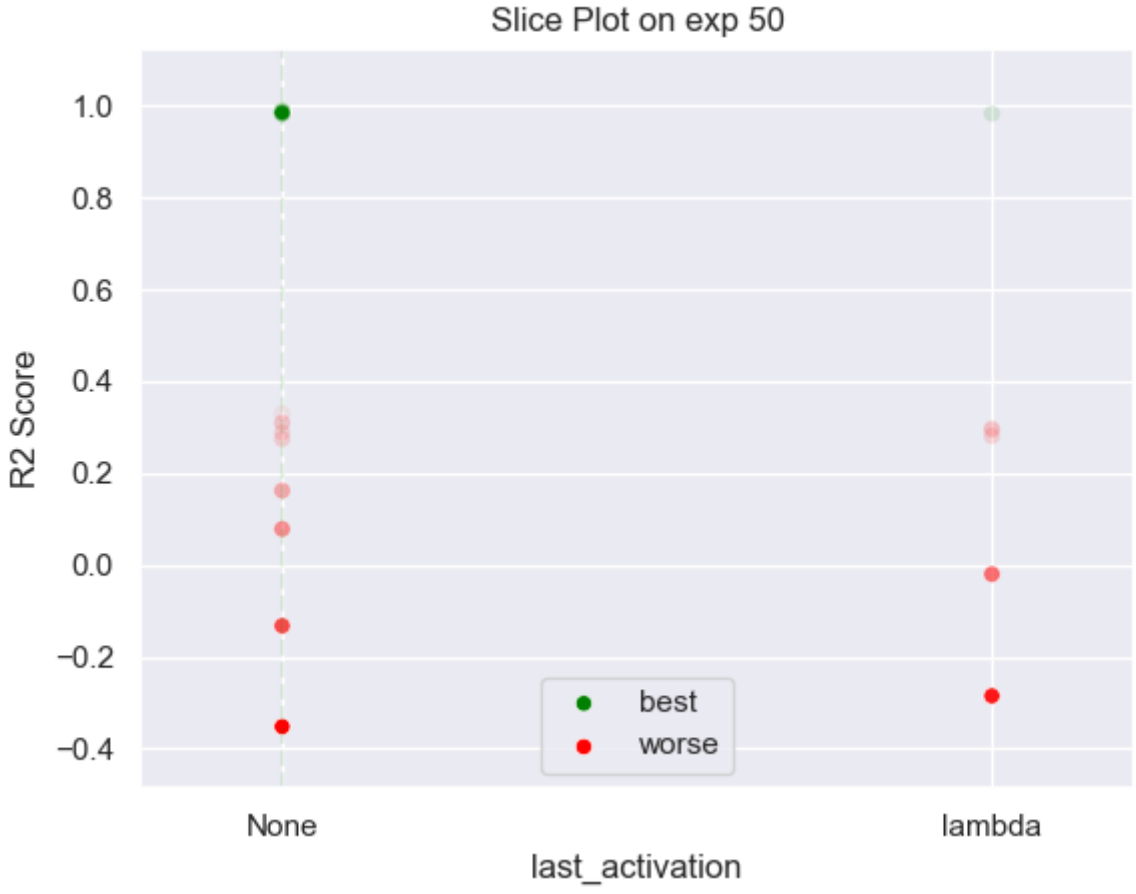

Slice Plot on exp 50
R2 Score
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
best
worse
0
10
20
30
40
50
60
70
n_units_l0

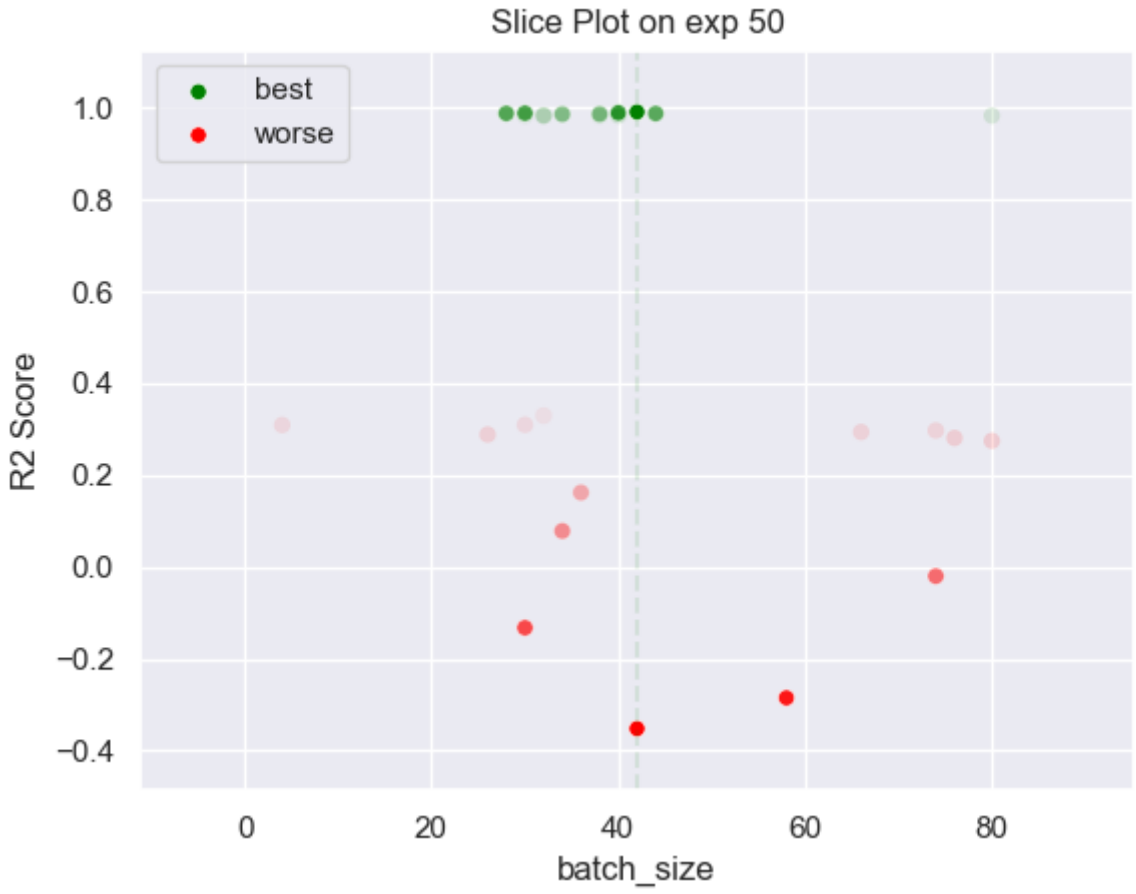

Slice Plot on exp 50
R2 Score
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
best
worse
0
200
400
600
800
1000
epoch

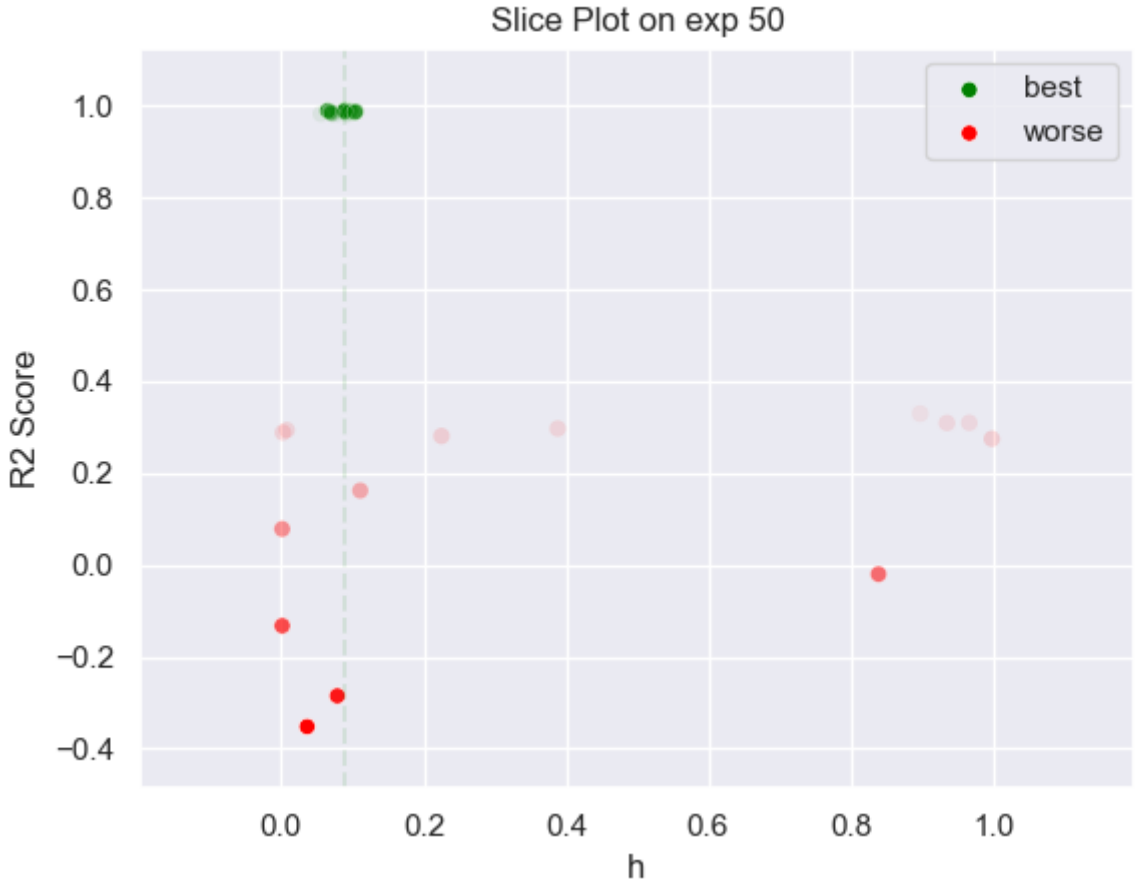

Slice Plot on exp 50
best
worse
R2 Score
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
1.0
1.5
2.0
2.5
3.0
n_layers


Slice Plot on exp 50
best
worse
R2 Score
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
0.000
0.002
0.004
0.006
0.008
0.010
learning_rate


Slice Plot on exp 50
best
worse
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
R2 Score
sigmoid
tanh
activation_l0


Slice Plot on exp 50
best
worse
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
R2 Score
None
lambda
last_activation


Slice Plot on exp 50
best
worse
R2 Score
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
0
20
40
60
80
batch_size


Slice Plot on exp 50
best
worse
R2 Score
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
0.0
0.2
0.4
0.6
0.8
1.0
h

TOP 3

- R2 score: **0.99086339**
    - **seed** : *63*
    - **h** : *0.08920871939579947*
    - **n_layers** : *2*
    - **n_units_l0** : *52*
    - **activation_l0** : *sigmoid*
    - **n_units_l1** : *50*
    - **activation_l1** : *tanh*
    - **last_activation** : *None*
    - **learning_rate** : *0.0076*
    - **epoch** : *530*
    - **loss** : *huber_loss*
    - **batch_size** : *42*
- R2 score: **0.98924083**
    - **seed** : *18*
    - **h** : *0.06488494058137517*
    - **n_layers** : *2*
    - **n_units_l0** : *10*
    - **activation_l0** : *sigmoid*
    - **n_units_l1** : *54*
    - **activation_l1** : *tanh*
    - **last_activation** : *None*
    - **learning_rate** : *0.00725*
    - **epoch** : *500*
    - **loss** : *huber_loss*
    - **batch_size** : *40*
- R2 score: **0.98828882**
    - **seed** : *62*
    - **h** : *0.09650907792120601*
    - **n_layers** : *2*
    - **n_units_l0** : *62*
    - **activation_l0** : *sigmoid*
    - **n_units_l1** : *54*
    - **activation_l1** : *tanh*
    - **last_activation** : *None*
    - **learning_rate** : *0.00692*
    - **epoch** : *510*
    - **loss** : *huber_loss*
    - **batch_size** : *30*

WORST 3

- R2 score: **-0.35185993**

    - **seed** : *63*
    - **h** : *0.08920871939579947*
    - **n_layers** : *2*
    - **n_units_l0** : *52*
    - **activation_l0** : *sigmoid*
    - **n_units_l1** : *50*
    - **activation_l1** : *tanh*
    - **last_activation** : *None*
    - **learning_rate** : *0.0076*
    - **epoch** : *530*
    - **loss** : *huber_loss*
    - **batch_size** : *42*

- R2 score: **-0.28488576**

    - **seed** : *18*
    - **h** : *0.06488494058137517*
    - **n_layers** : *2*
    - **n_units_l0** : *10*
    - **activation_l0** : *sigmoid*
    - **n_units_l1** : *54*
    - **activation_l1** : *tanh*
    - **last_activation** : *None*
    - **learning_rate** : *0.00725*
    - **epoch** : *500*
    - **loss** : *huber_loss*
    - **batch_size** : *40*

- R2 score: **-0.13227008**

    - **seed** : *62*
    - **h** : *0.09650907792120601*
    - **n_layers** : *2*
    - **n_units_l0** : *62*
    - **activation_l0** : *sigmoid*
    - **n_units_l1** : *54*
    - **activation_l1** : *tanh*
    - **last_activation** : *None*
    - **learning_rate** : *0.00692*
    - **epoch** : *510*
    - **loss** : *huber_loss*
    - **batch_size** : *30*