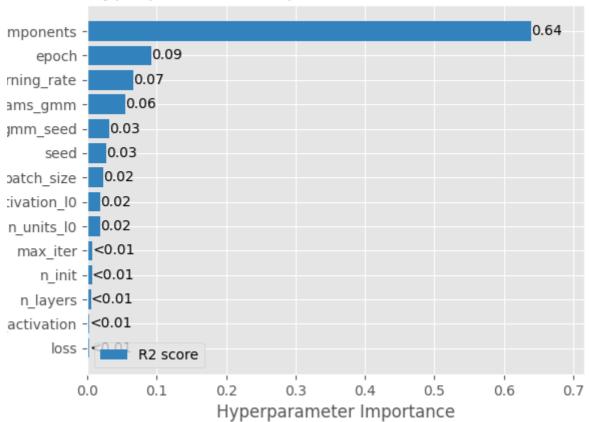
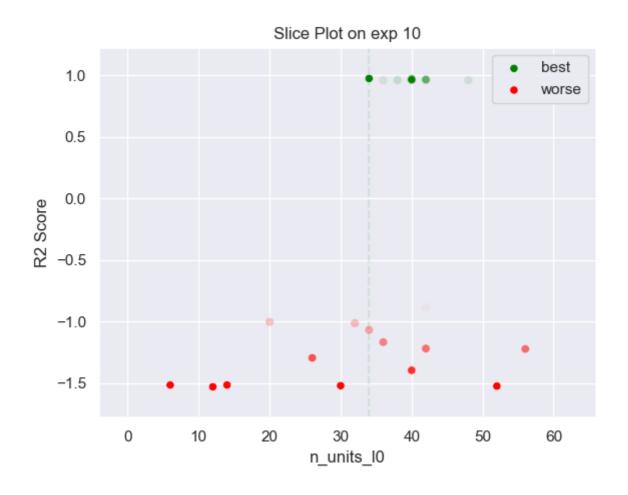
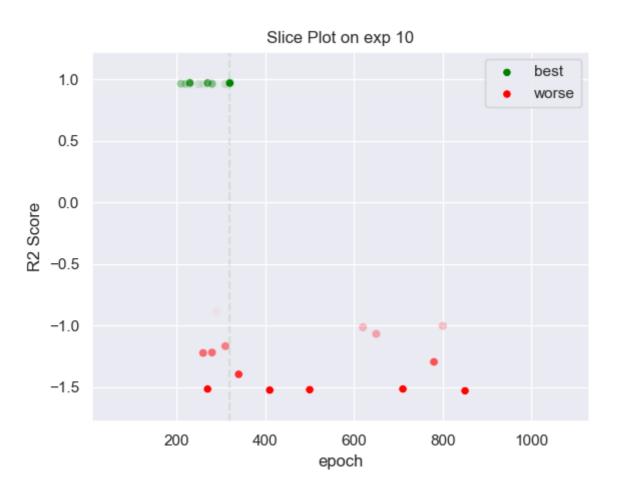
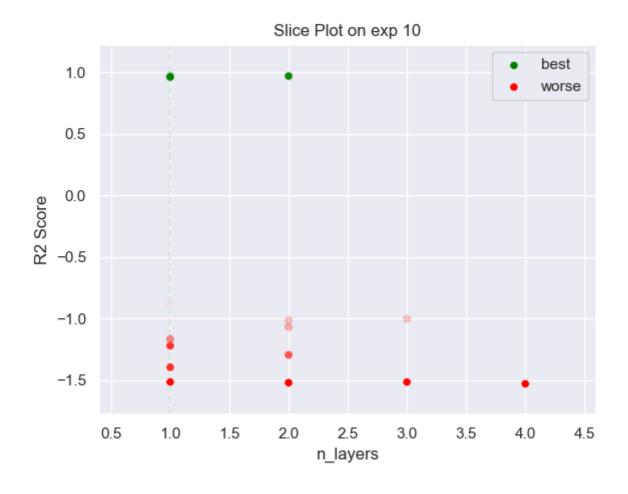
MLP GMM 10 exp

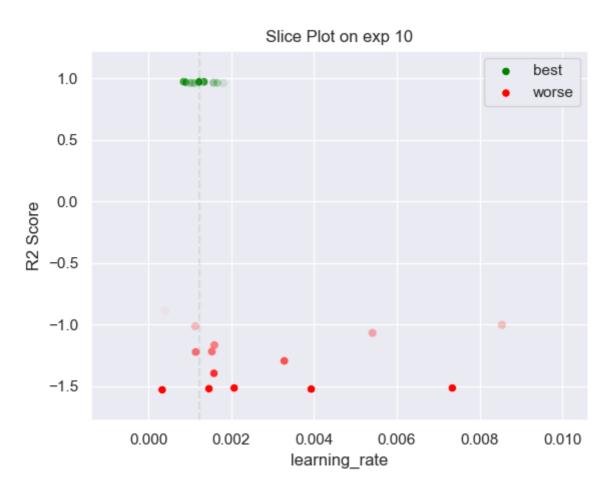
Hyperparameter Importances

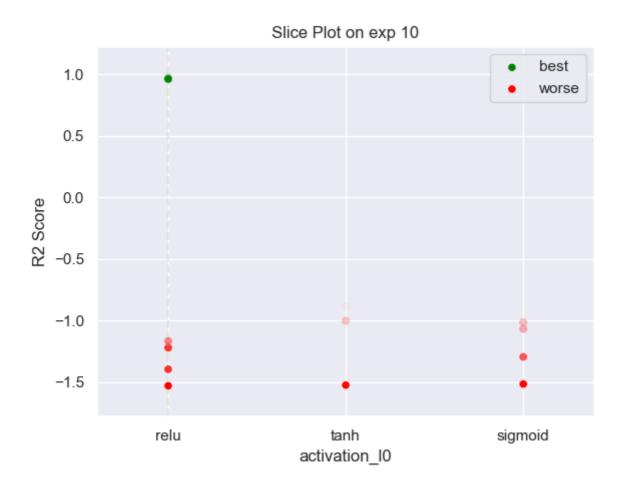


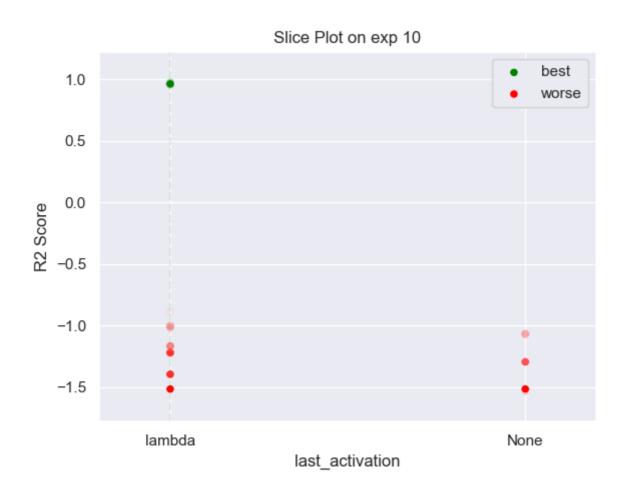


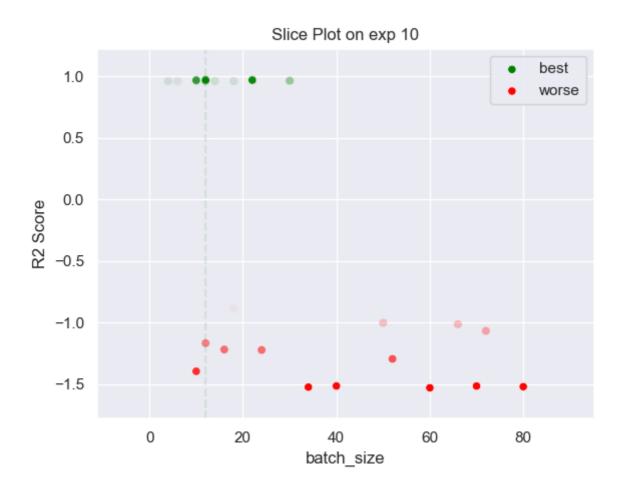


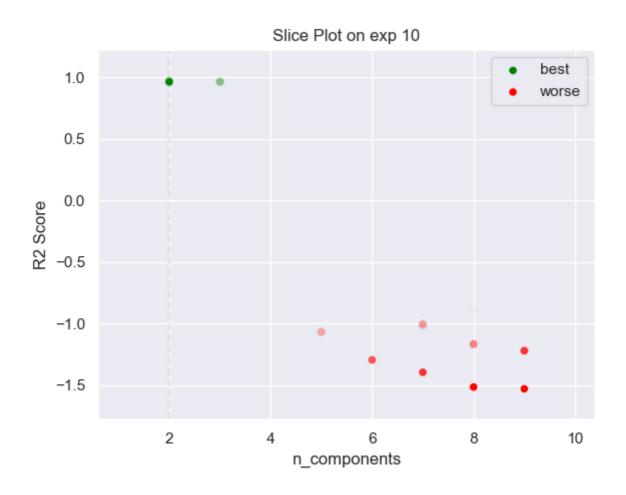












• R2 score: **0.97240629**

seed : 51n_init : 40

• max_iter : 100

• n_components : 2

• **gmm_seed**: 59

o init_params_gmm: k-means++

o **n_layers** : *1*

o **n_units_I0**: 34

• activation_IO: relu

• last_activation : lambda

• learning_rate: 0.0012300000000000002

epoch : 320loss : huber_loss

o batch_size: 12

• R2 score: **0.97013315**

• **seed**: 52

o n_init: 40

o max_iter: 20

• n_components : 2

• **gmm_seed**: 39

• init_params_gmm : k-means++

• **n_layers** : 2

o n_units_I0: 40

o activation_IO: relu

o n_units_I1 : 12

• activation_I1 : sigmoid

• last_activation : lambda

• learning_rate: 0.0008500000000000001

epoch : 320loss : huber_loss

o batch_size: 22

• R2 score: 0.96929205

o seed: 4

o n_init: 40

• max_iter: 100

• n_components : 2

• **gmm_seed**: 39

o init_params_gmm: k-means++

• n_layers : 1

• n_units_I0 : 40

• activation_IO: relu

• last_activation : lambda

o learning_rate: 0.00134

epoch: 230loss: huber_lossbatch_size: 12

WORST 3

• R2 score: -1.52989955

seed: 51
 n_init: 40
 max_iter: 100
 n_components: 2
 gmm_seed: 59

• init_params_gmm : k-means++

n_layers: 1
n_units_IO: 34
activation_IO: relu
last_activation: lambda

_

• learning_rate: 0.0012300000000000002

epoch: 320loss: huber_lossbatch_size: 12

• R2 score: -1.52421973

seed: 52
 n_init: 40
 max_iter: 20
 n_components: 2
 gmm_seed: 39

• init_params_gmm : k-means++

n_layers: 2
 n_units_IO: 40
 activation_IO: relu
 n_units_I1: 12

activation_I1 : sigmoidlast_activation : lambda

• learning_rate: 0.0008500000000000001

epoch: 320loss: huber_lossbatch_size: 22

• R2 score: -1.52065745

seed: 4
 n_init: 40
 max_iter: 100
 n_components: 2

• **gmm_seed**: 39

o init_params_gmm: k-means++

∘ n_layers : *1*

• n_units_I0 : 40

• activation_IO: relu

• last_activation : lambda

• learning_rate: 0.00134

o **epoch**: 230

• loss: huber_loss

• batch_size : 12