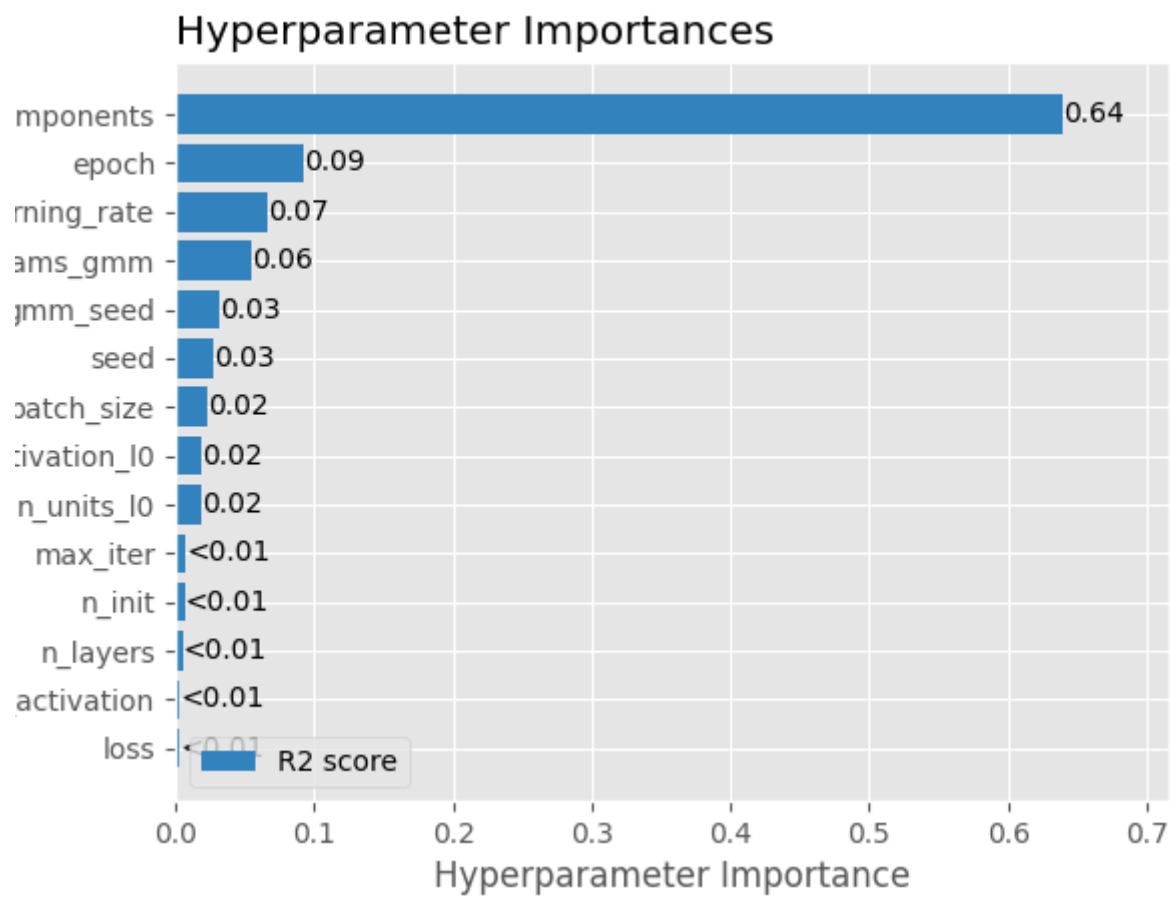
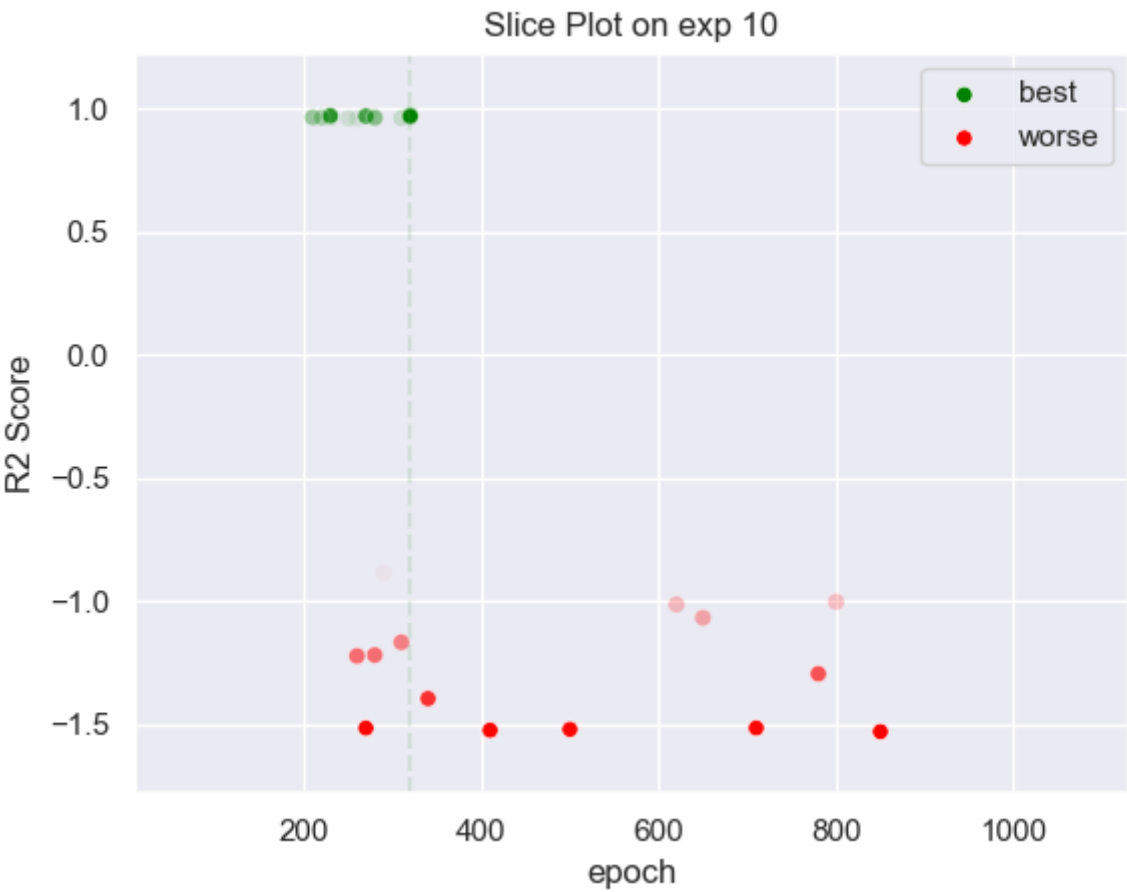
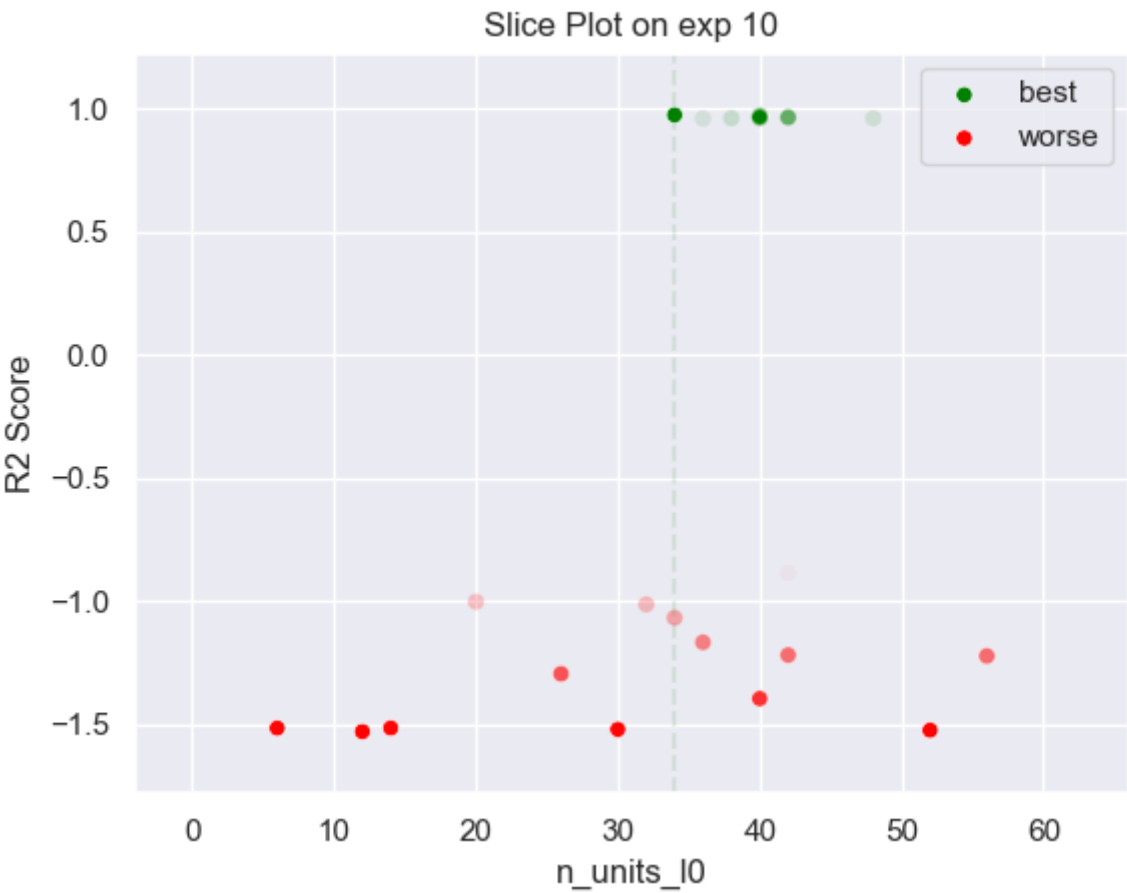
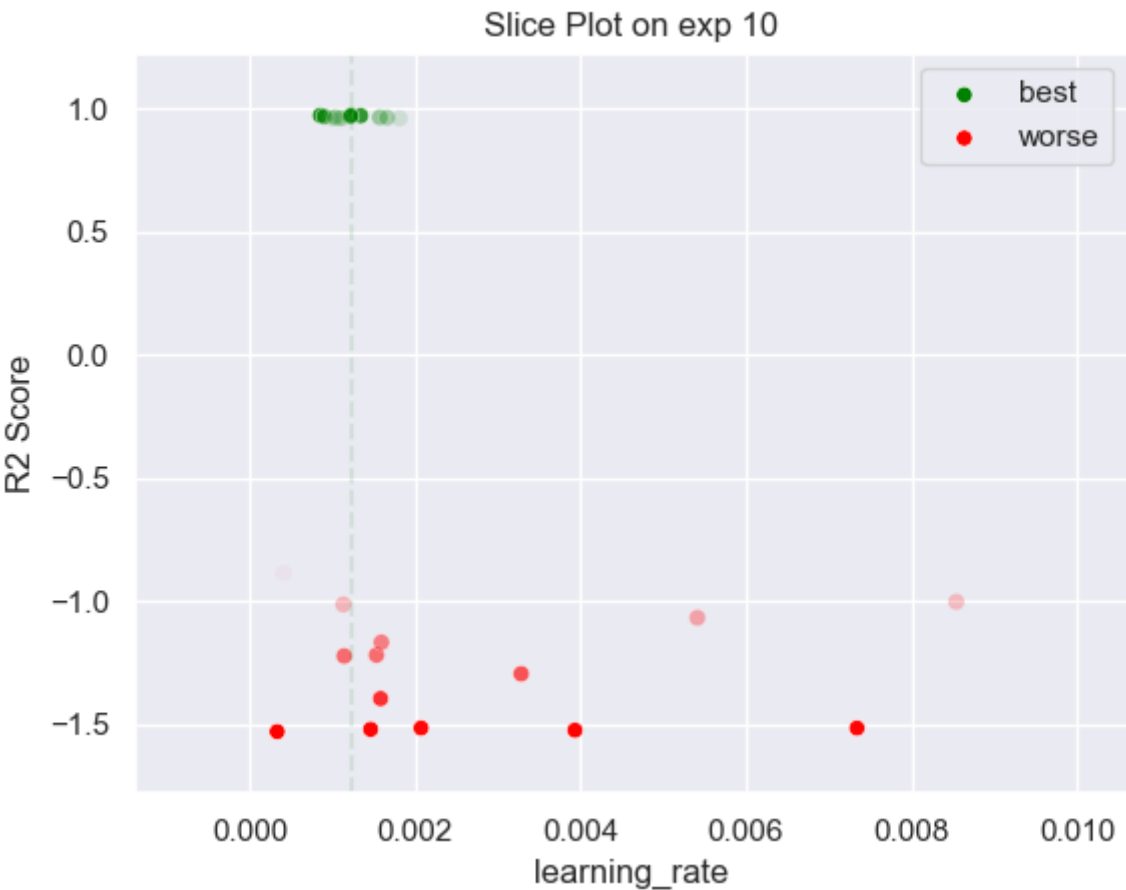
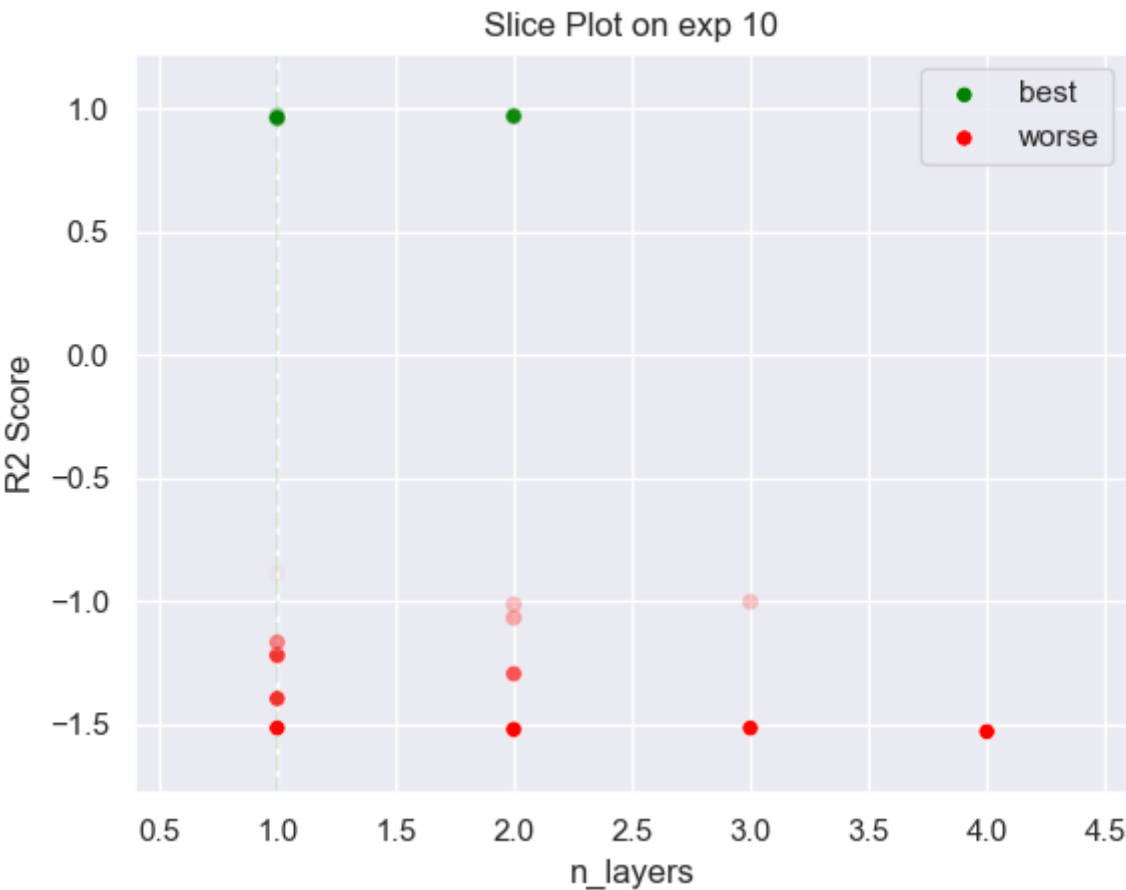
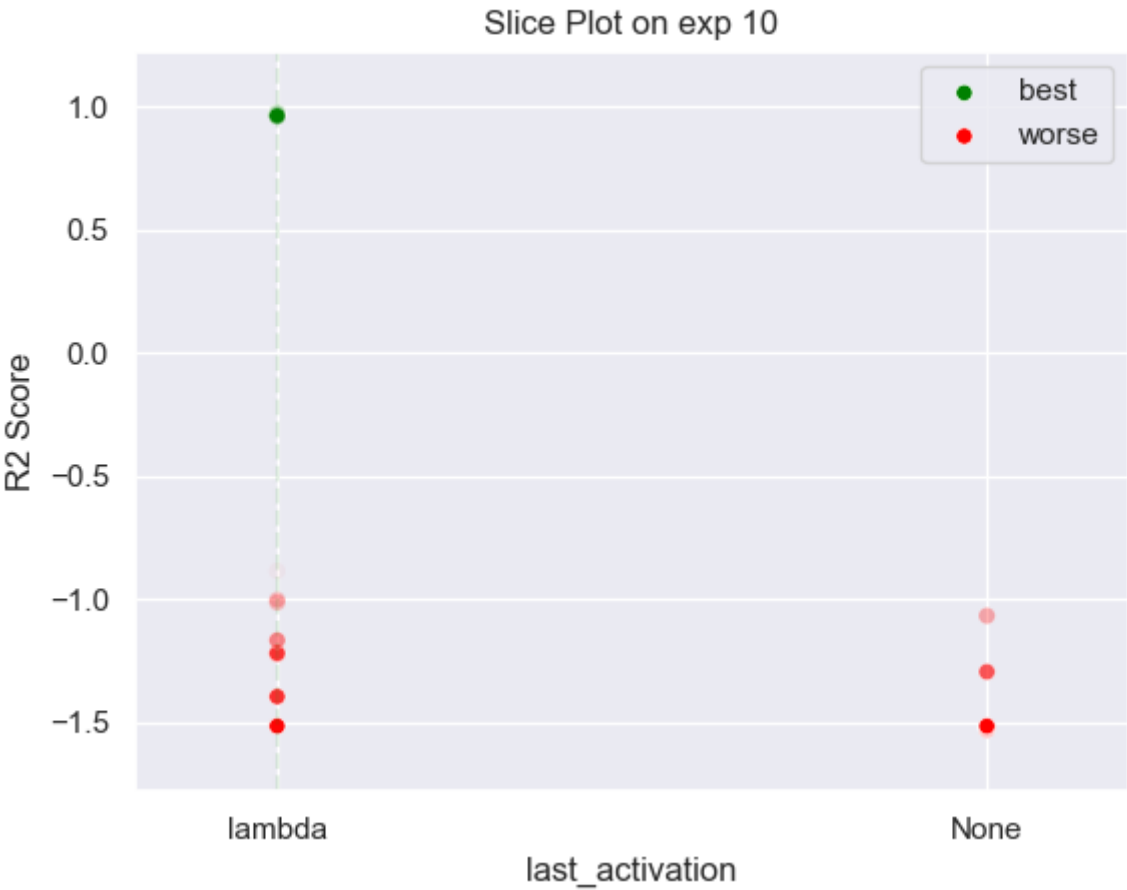
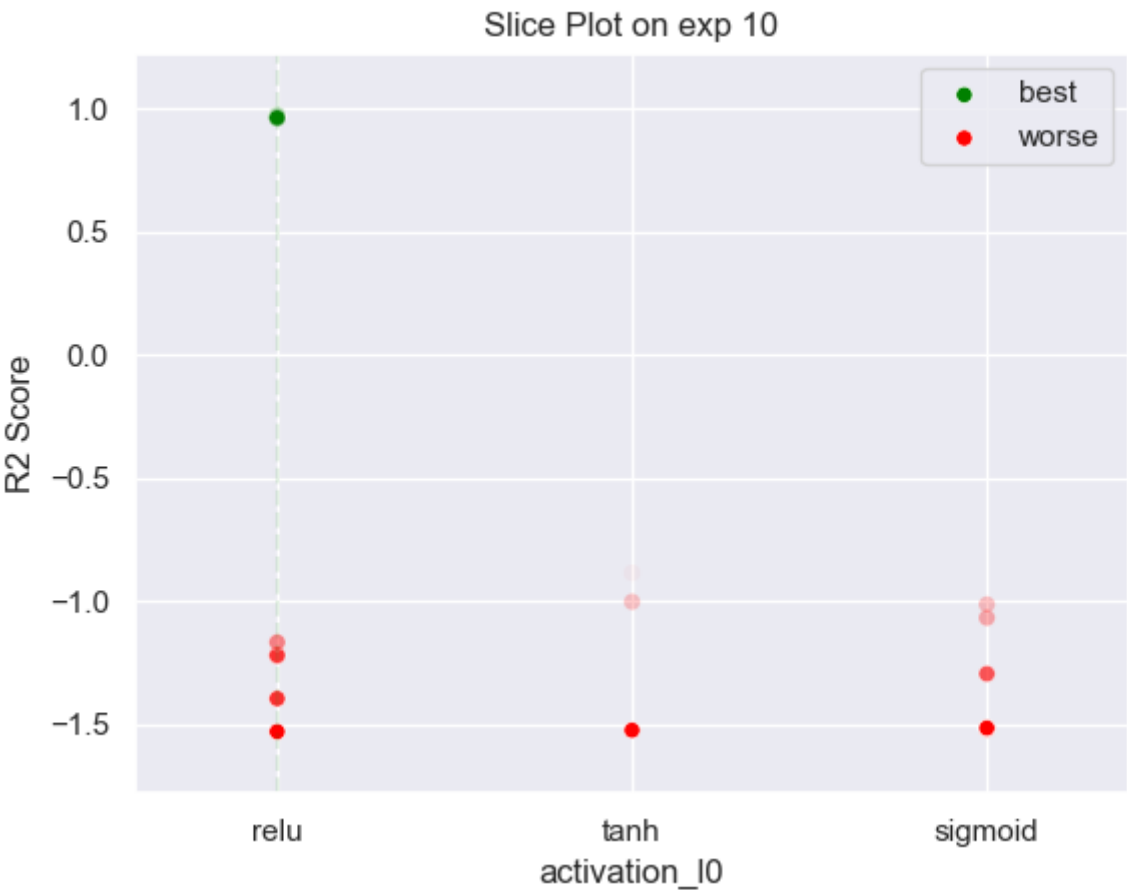


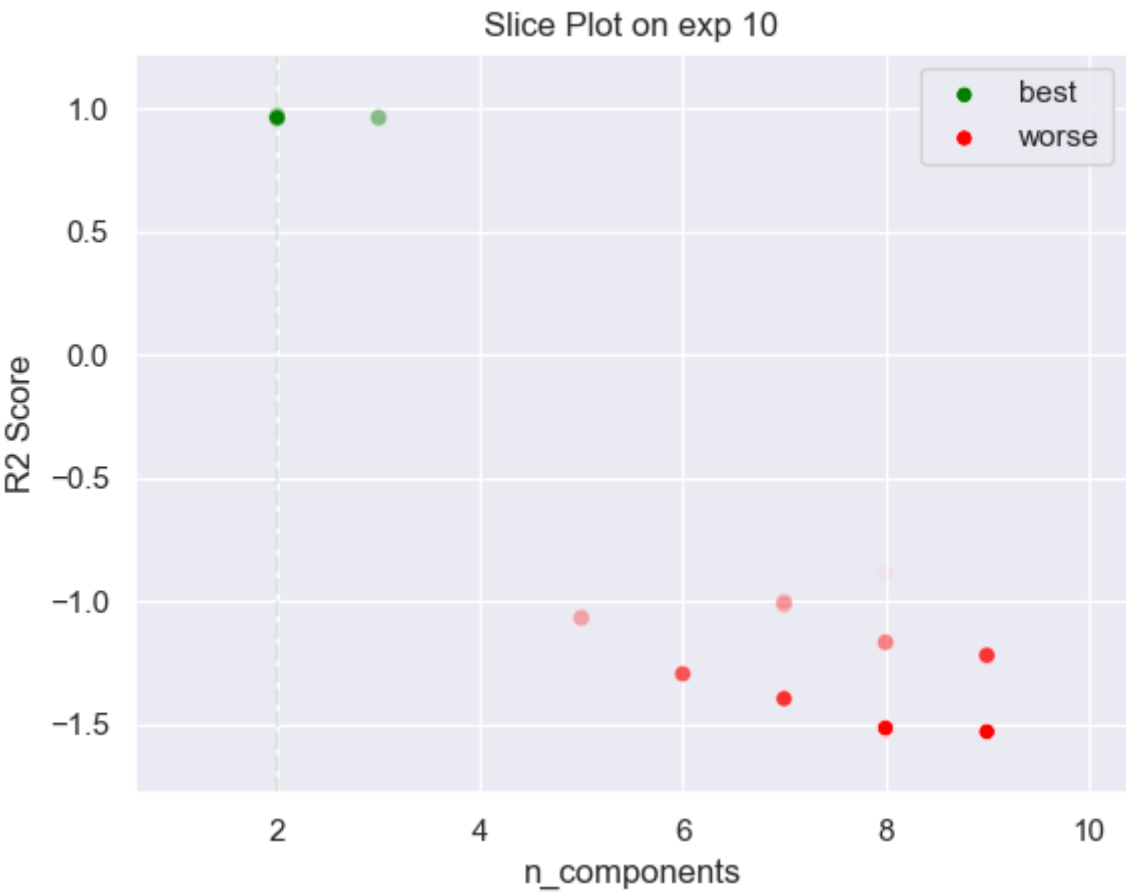
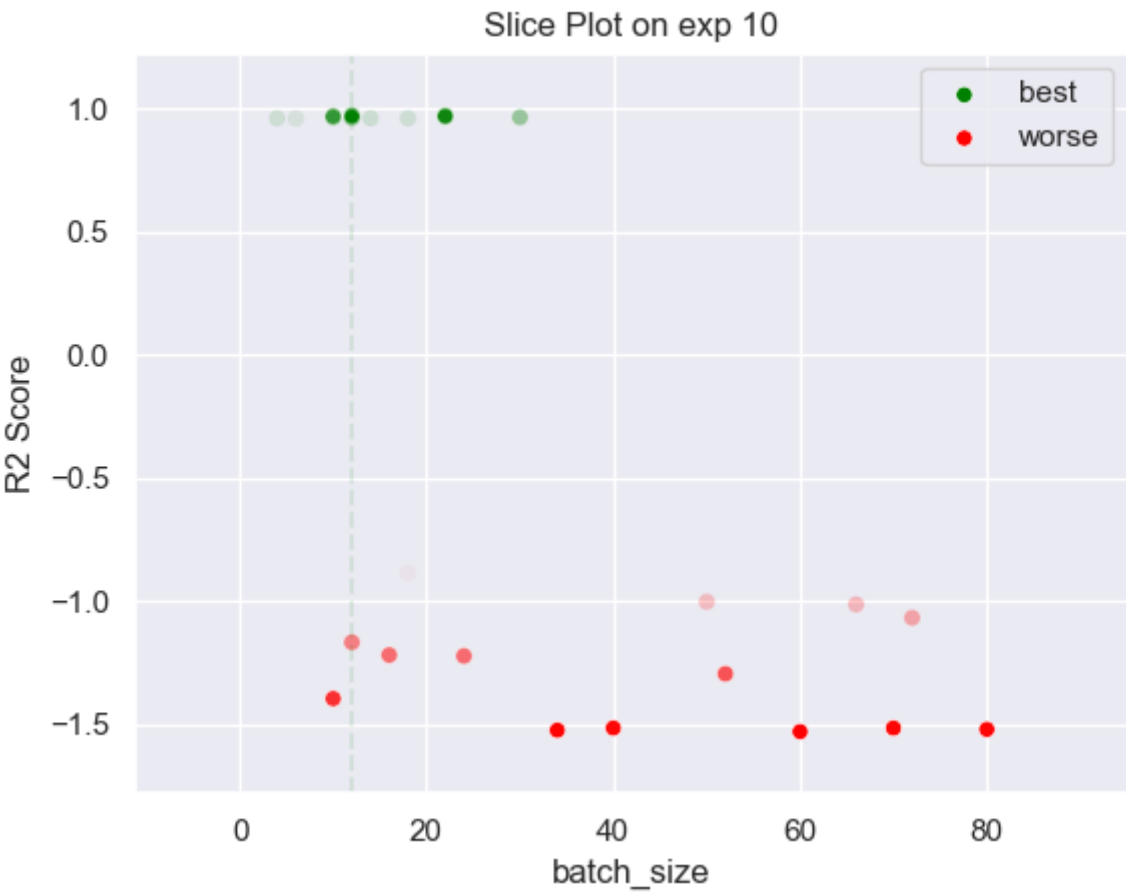
MLP GMM 10 exp











- R2 score: **0.97240629**
  - **seed** : 51
  - **n\_init** : 40
  - **max\_iter** : 100
  - **n\_components** : 2
  - **gmm\_seed** : 59
  - **init\_params\_gmm** : *k-means++*
  - **n\_layers** : 1
  - **n\_units\_I0** : 34
  - **activation\_I0** : *relu*
  - **last\_activation** : *lambda*
  - **learning\_rate** : 0.00123000000000000002
  - **epoch** : 320
  - **loss** : *huber\_loss*
  - **batch\_size** : 12
- R2 score: **0.97013315**
  - **seed** : 52
  - **n\_init** : 40
  - **max\_iter** : 20
  - **n\_components** : 2
  - **gmm\_seed** : 39
  - **init\_params\_gmm** : *k-means++*
  - **n\_layers** : 2
  - **n\_units\_I0** : 40
  - **activation\_I0** : *relu*
  - **n\_units\_I1** : 12
  - **activation\_I1** : *sigmoid*
  - **last\_activation** : *lambda*
  - **learning\_rate** : 0.00085000000000000001
  - **epoch** : 320
  - **loss** : *huber\_loss*
  - **batch\_size** : 22
- R2 score: **0.96929205**
  - **seed** : 4
  - **n\_init** : 40
  - **max\_iter** : 100
  - **n\_components** : 2
  - **gmm\_seed** : 39
  - **init\_params\_gmm** : *k-means++*
  - **n\_layers** : 1
  - **n\_units\_I0** : 40
  - **activation\_I0** : *relu*
  - **last\_activation** : *lambda*

- **learning\_rate** : 0.00134
- **epoch** : 230
- **loss** : *huber\_loss*
- **batch\_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\_I0** : 34
  - **activation\_I0** : *relu*
  - **last\_activation** : *lambda*
  - **learning\_rate** : 0.00123000000000000002
  - **epoch** : 320
  - **loss** : *huber\_loss*
  - **batch\_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\_I0** : 40
  - **activation\_I0** : *relu*
  - **n\_units\_I1** : 12
  - **activation\_I1** : *sigmoid*
  - **last\_activation** : *lambda*
  - **learning\_rate** : 0.00085000000000000001
  - **epoch** : 320
  - **loss** : *huber\_loss*
  - **batch\_size** : 22
- R2 score: **-1.52065745**
  - **seed** : 4
  - **n\_init** : 40
  - **max\_iter** : 100
  - **n\_components** : 2

- **gmm\_seed** : 39
- **init\_params\_gmm** : *k-means++*
- **n\_layers** : 1
- **n\_units\_I0** : 40
- **activation\_I0** : *relu*
- **last\_activation** : *lambda*
- **learning\_rate** : 0.00134
- **epoch** : 230
- **loss** : *huber\_loss*
- **batch\_size** : 12