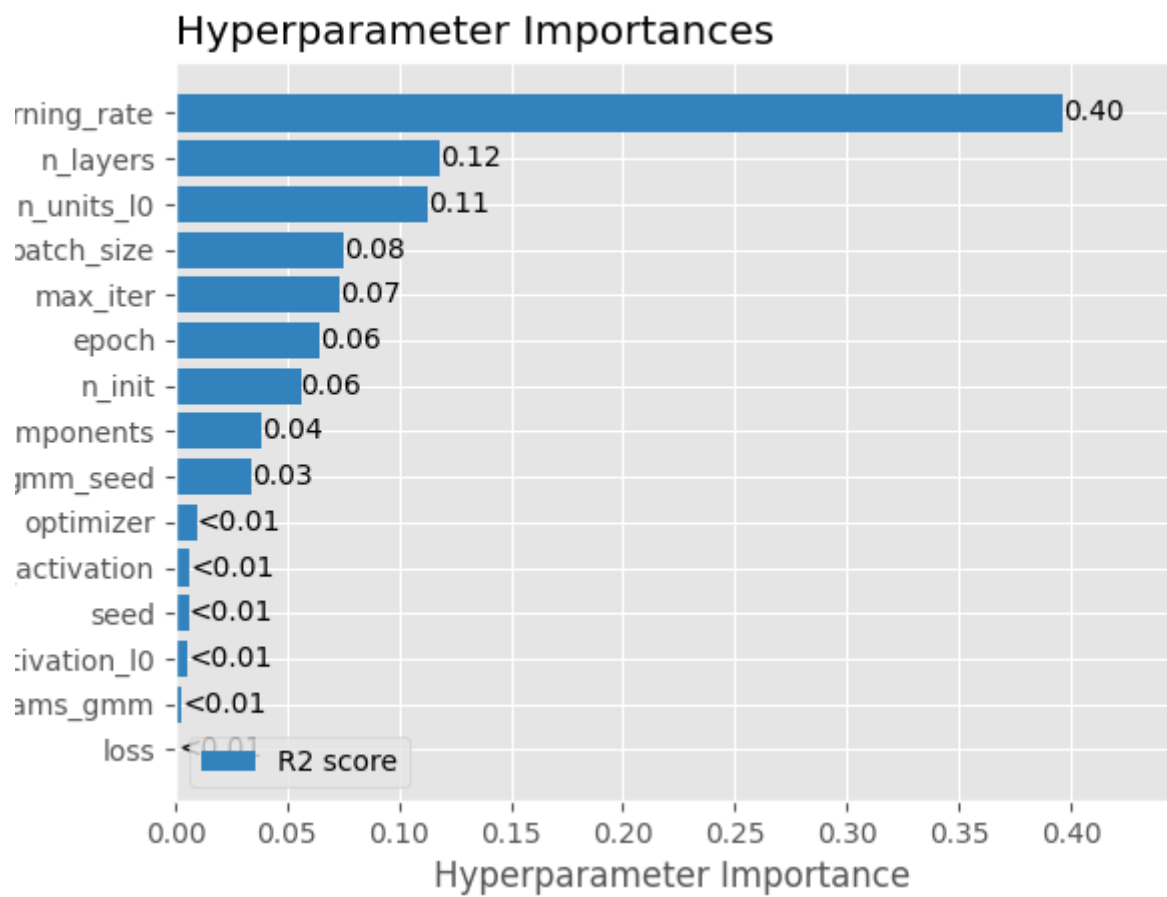
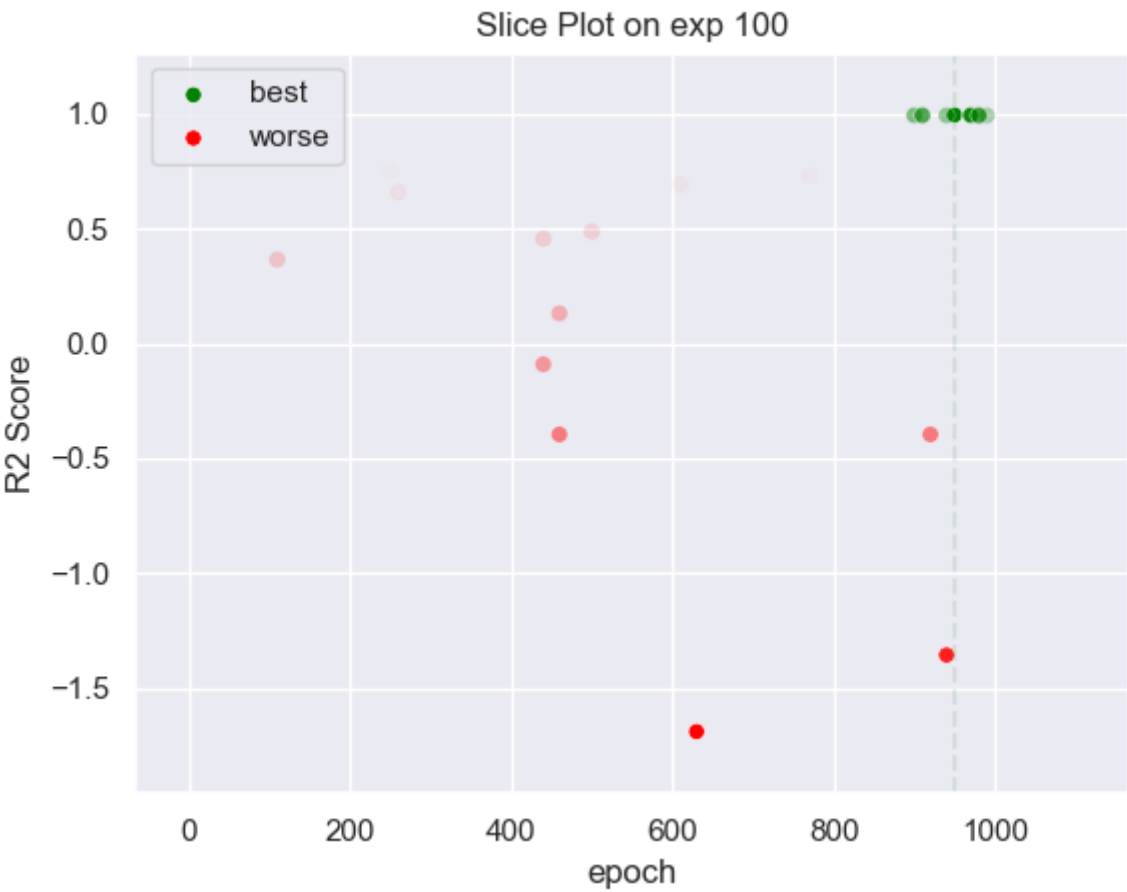
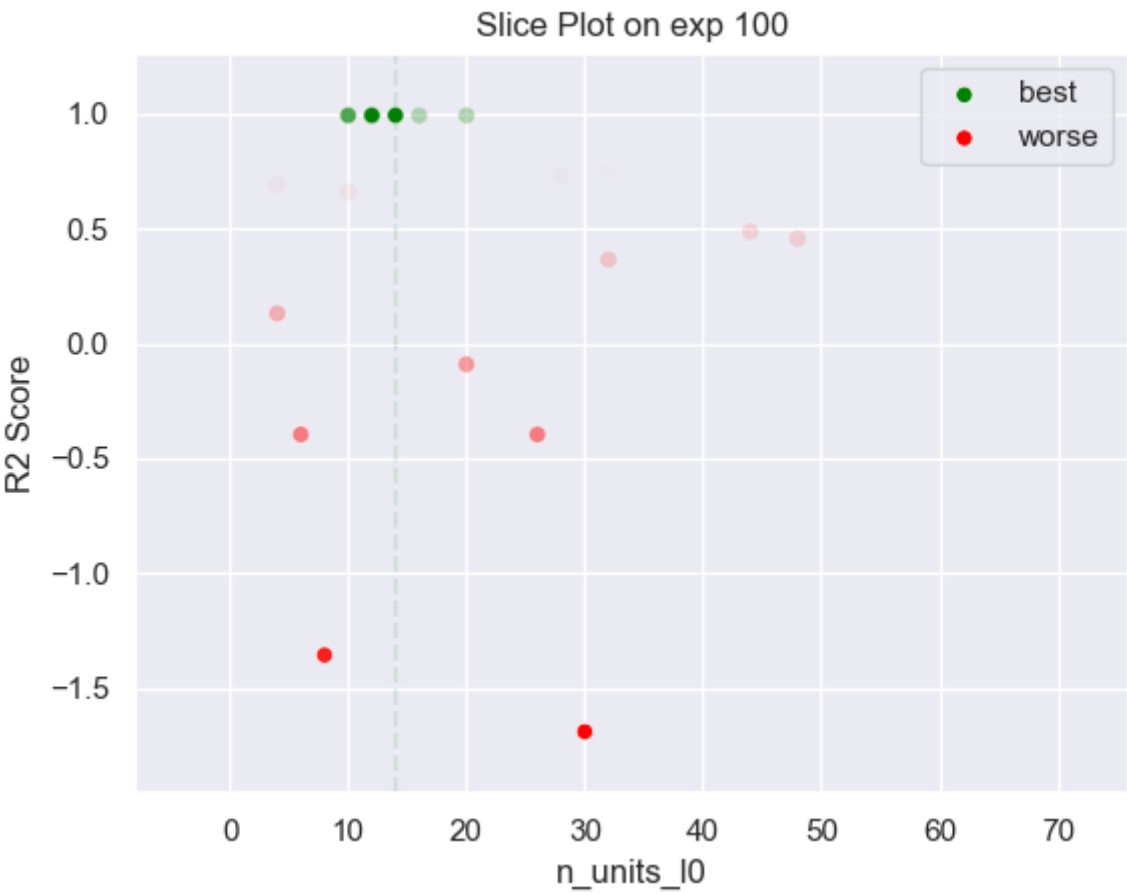
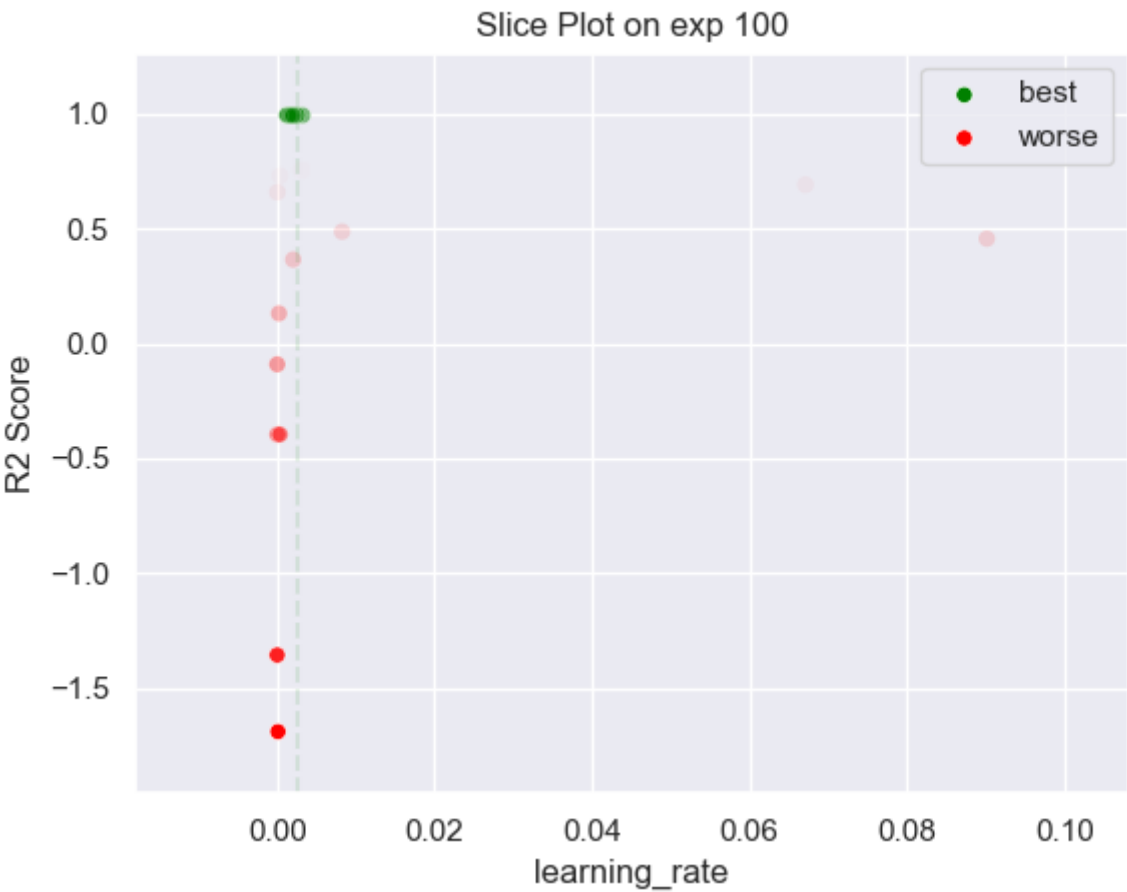
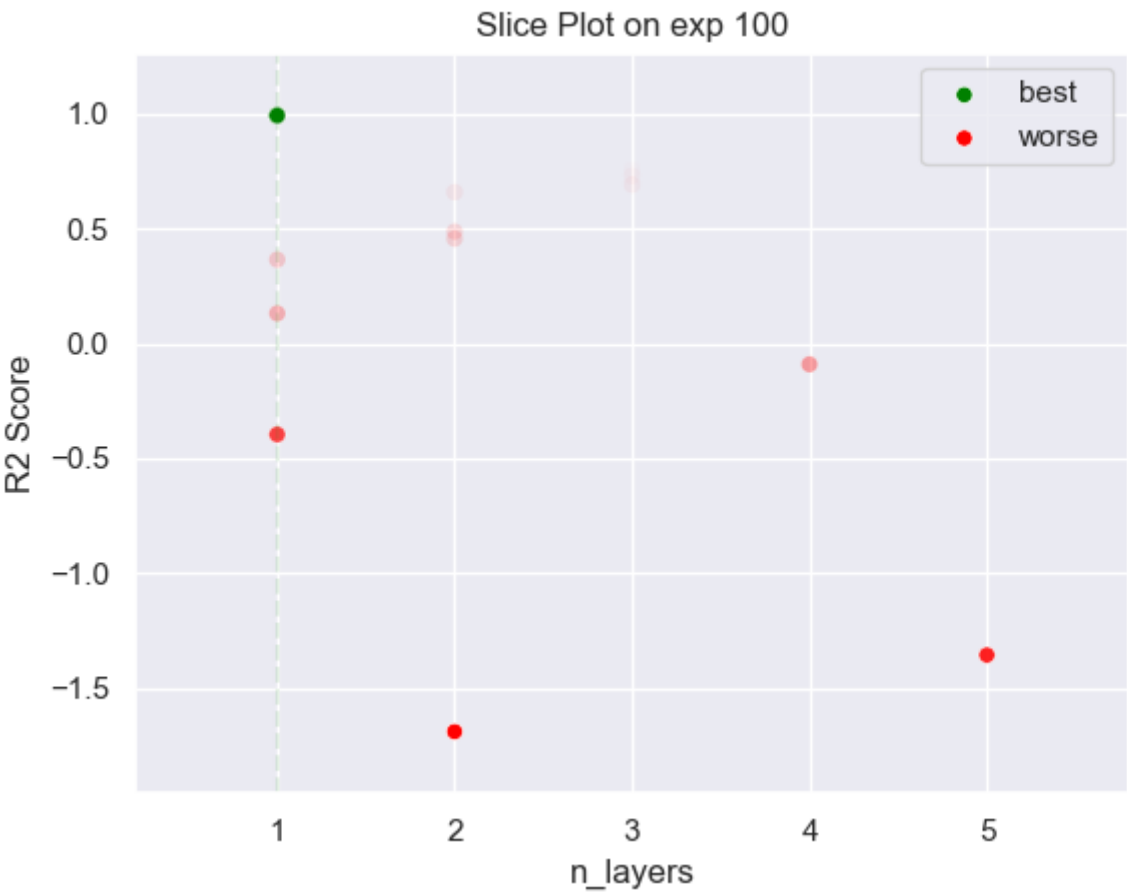
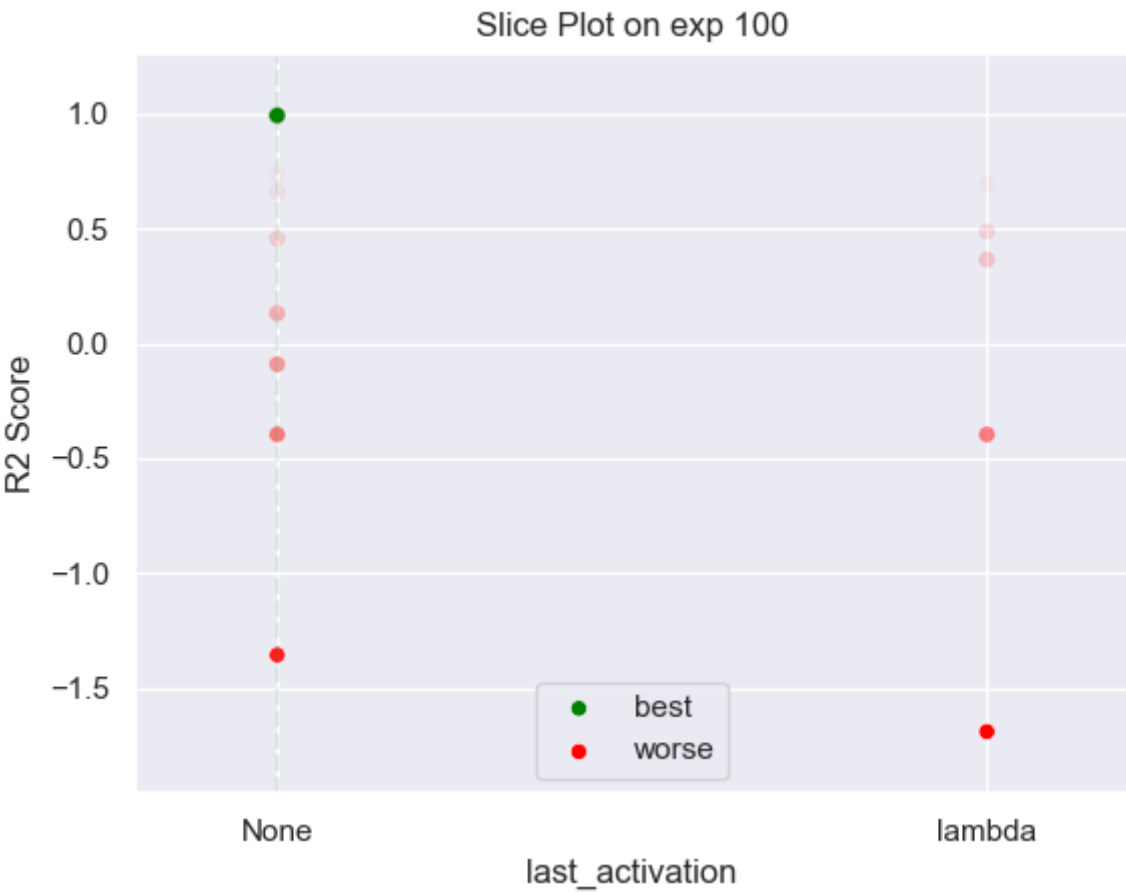
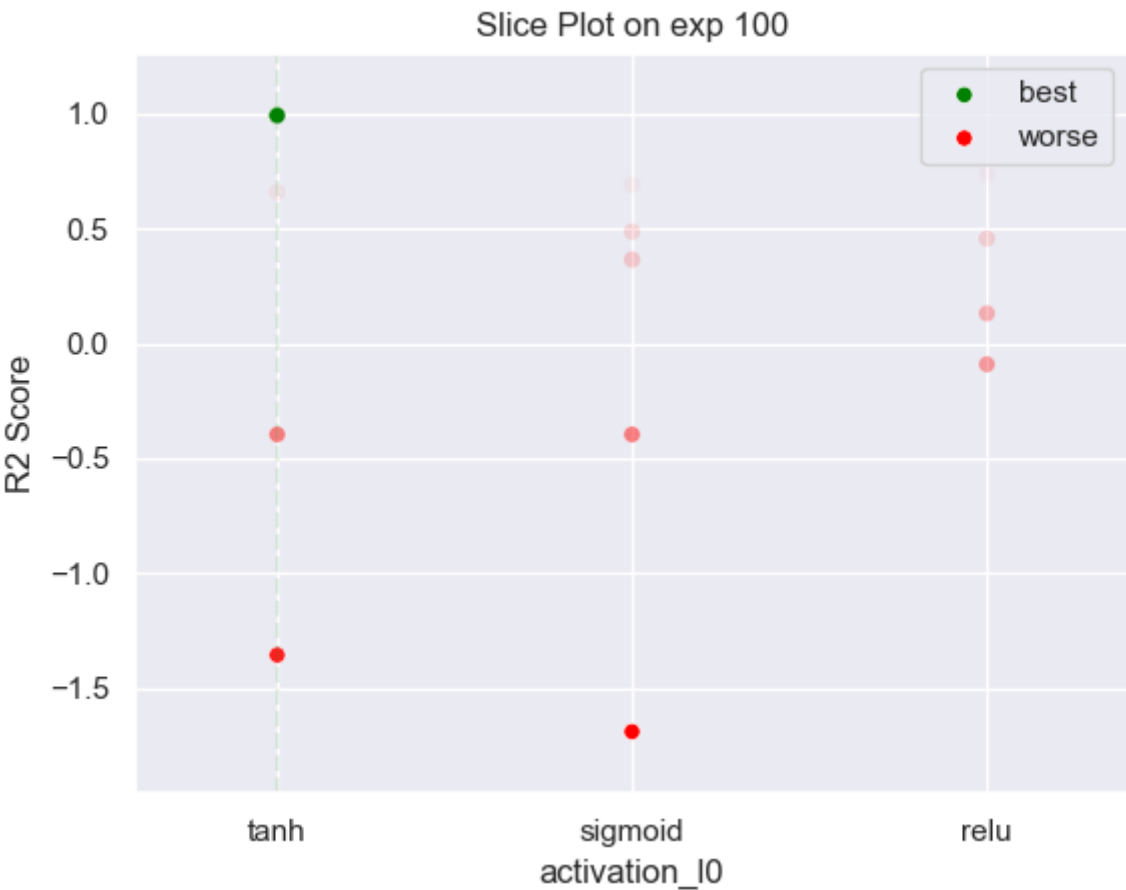


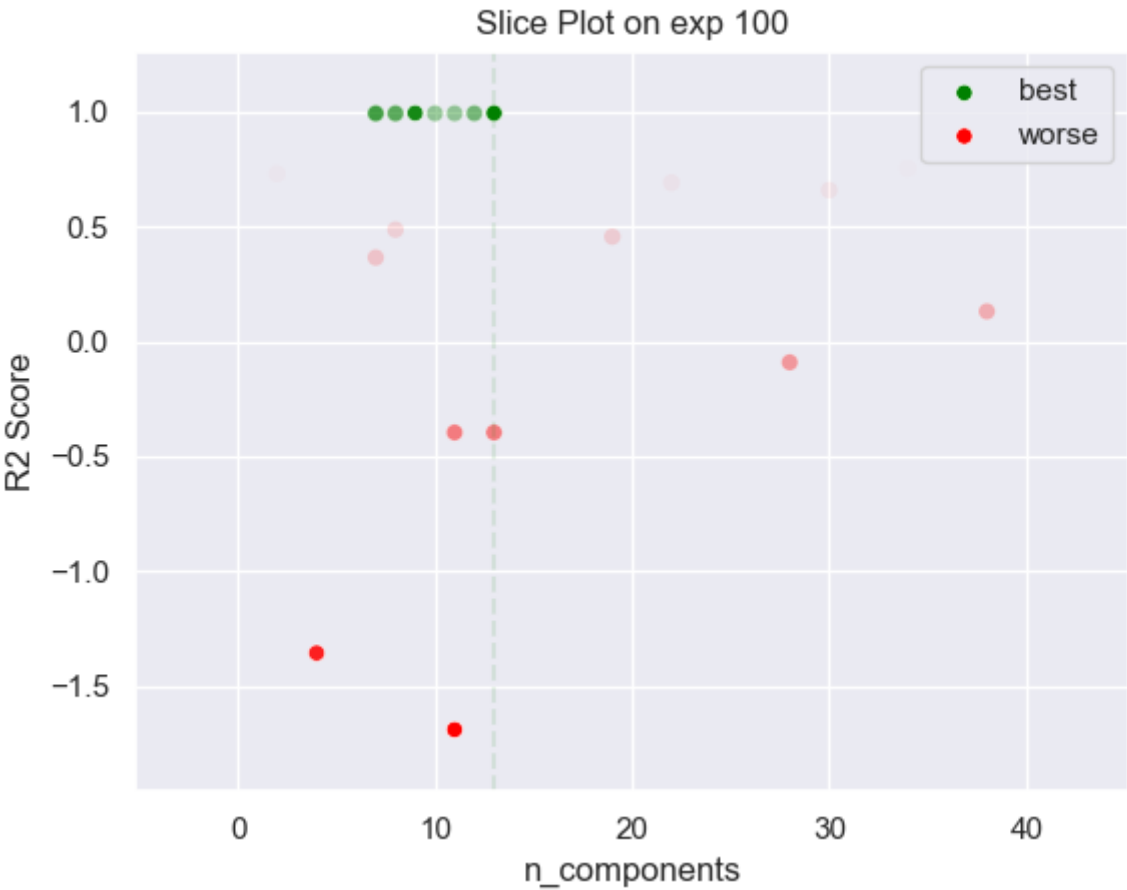
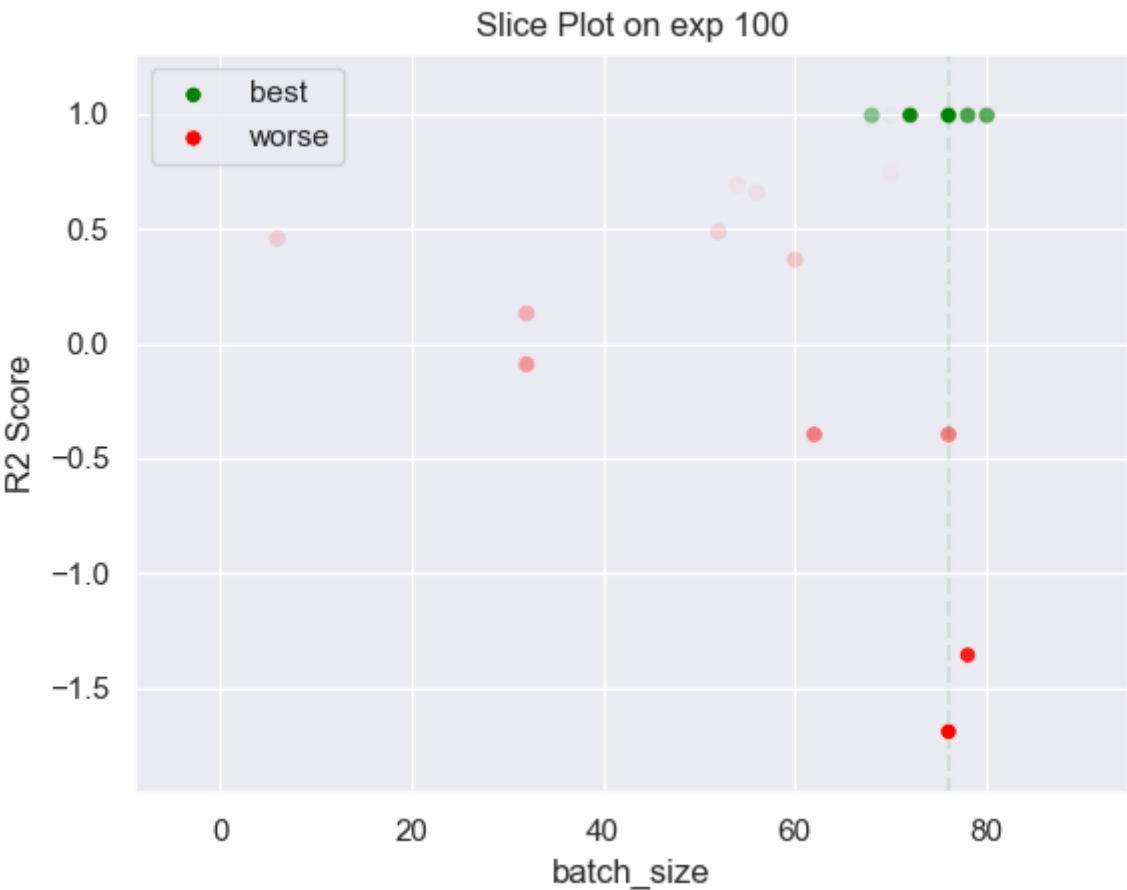
MLP GMM 100 exp











- R2 score: **0.99542077**
  - **seed** : 54
  - **n\_init** : 70
  - **max\_iter** : 80
  - **n\_components** : 13
  - **gmm\_seed** : 15
  - **init\_params\_gmm** : *kmeans*
  - **n\_layers** : 1
  - **n\_units\_I0** : 14
  - **activation\_I0** : *tanh*
  - **last\_activation** : *None*
  - **learning\_rate** : 0.002518531606034997
  - **epoch** : 950
  - **optimizer** : *RMSprop*
  - **loss** : *mse\_loss*
  - **batch\_size** : 76
- R2 score: **0.99515872**
  - **seed** : 50
  - **n\_init** : 70
  - **max\_iter** : 80
  - **n\_components** : 9
  - **gmm\_seed** : 35
  - **init\_params\_gmm** : *kmeans*
  - **n\_layers** : 1
  - **n\_units\_I0** : 12
  - **activation\_I0** : *tanh*
  - **last\_activation** : *None*
  - **learning\_rate** : 0.0012451809531000015
  - **epoch** : 970
  - **optimizer** : *RMSprop*
  - **loss** : *mse\_loss*
  - **batch\_size** : 72
- R2 score: **0.99397113**
  - **seed** : 44
  - **n\_init** : 80
  - **max\_iter** : 70
  - **n\_components** : 12
  - **gmm\_seed** : 39
  - **init\_params\_gmm** : *kmeans*
  - **n\_layers** : 1
  - **n\_units\_I0** : 14
  - **activation\_I0** : *tanh*
  - **last\_activation** : *None*

- **learning\_rate** : 0.0032386305366728
- **epoch** : 980
- **optimizer** : *RMSprop*
- **loss** : *mse\_loss*
- **batch\_size** : 78

## WORST 3

- R2 score: **-1.68997498**
  - **seed** : 54
  - **n\_init** : 70
  - **max\_iter** : 80
  - **n\_components** : 13
  - **gmm\_seed** : 15
  - **init\_params\_gmm** : *kmeans*
  - **n\_layers** : 1
  - **n\_units\_I0** : 14
  - **activation\_I0** : *tanh*
  - **last\_activation** : *None*
  - **learning\_rate** : 0.002518531606034997
  - **epoch** : 950
  - **optimizer** : *RMSprop*
  - **loss** : *mse\_loss*
  - **batch\_size** : 76
- R2 score: **-1.3563107**
  - **seed** : 50
  - **n\_init** : 70
  - **max\_iter** : 80
  - **n\_components** : 9
  - **gmm\_seed** : 35
  - **init\_params\_gmm** : *kmeans*
  - **n\_layers** : 1
  - **n\_units\_I0** : 12
  - **activation\_I0** : *tanh*
  - **last\_activation** : *None*
  - **learning\_rate** : 0.0012451809531000015
  - **epoch** : 970
  - **optimizer** : *RMSprop*
  - **loss** : *mse\_loss*
  - **batch\_size** : 72
- R2 score: **-0.3959734**
  - **seed** : 44
  - **n\_init** : 80
  - **max\_iter** : 70

- **n\_components** : 12
- **gmm\_seed** : 39
- **init\_params\_gmm** : *kmeans*
- **n\_layers** : 1
- **n\_units\_I0** : 14
- **activation\_I0** : *tanh*
- **last\_activation** : *None*
- **learning\_rate** : 0.0032386305366728
- **epoch** : 980
- **optimizer** : *RMSprop*
- **loss** : *mse\_loss*
- **batch\_size** : 78