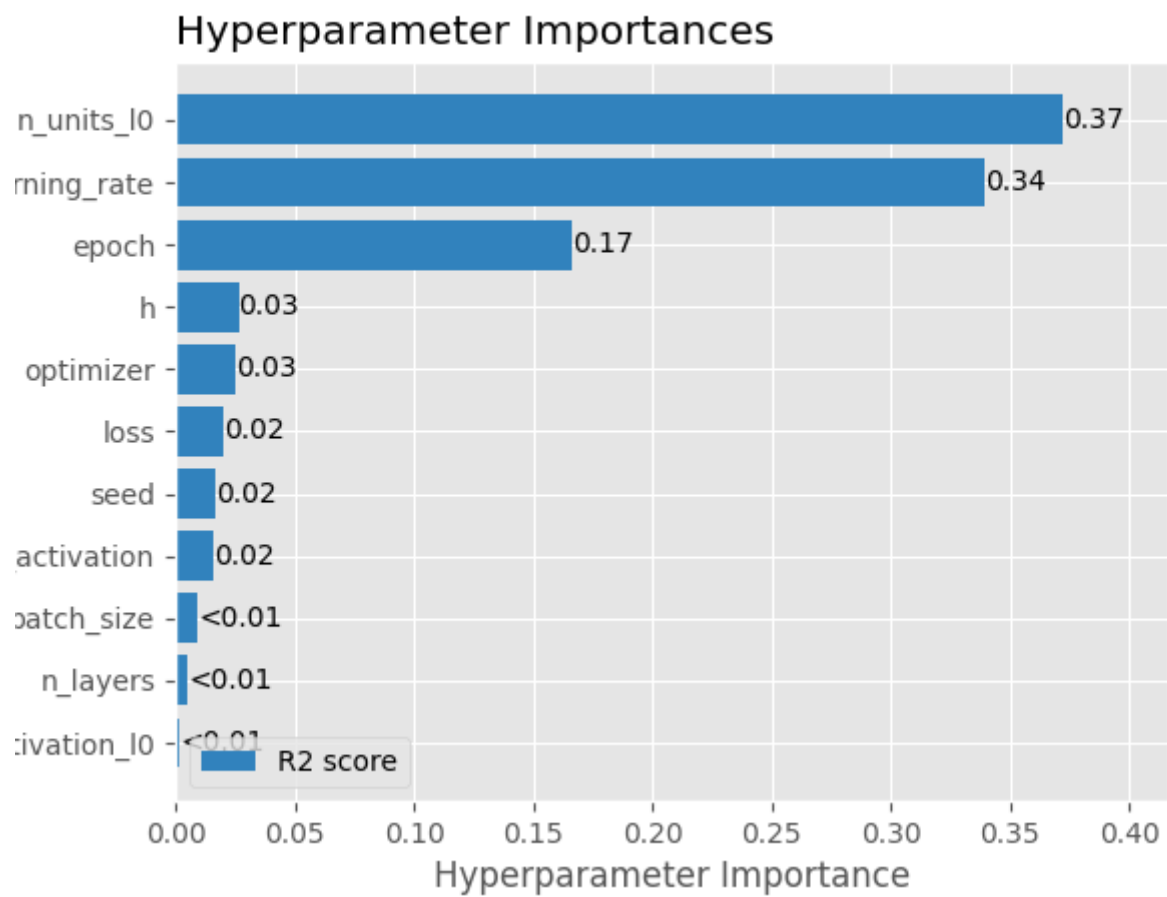
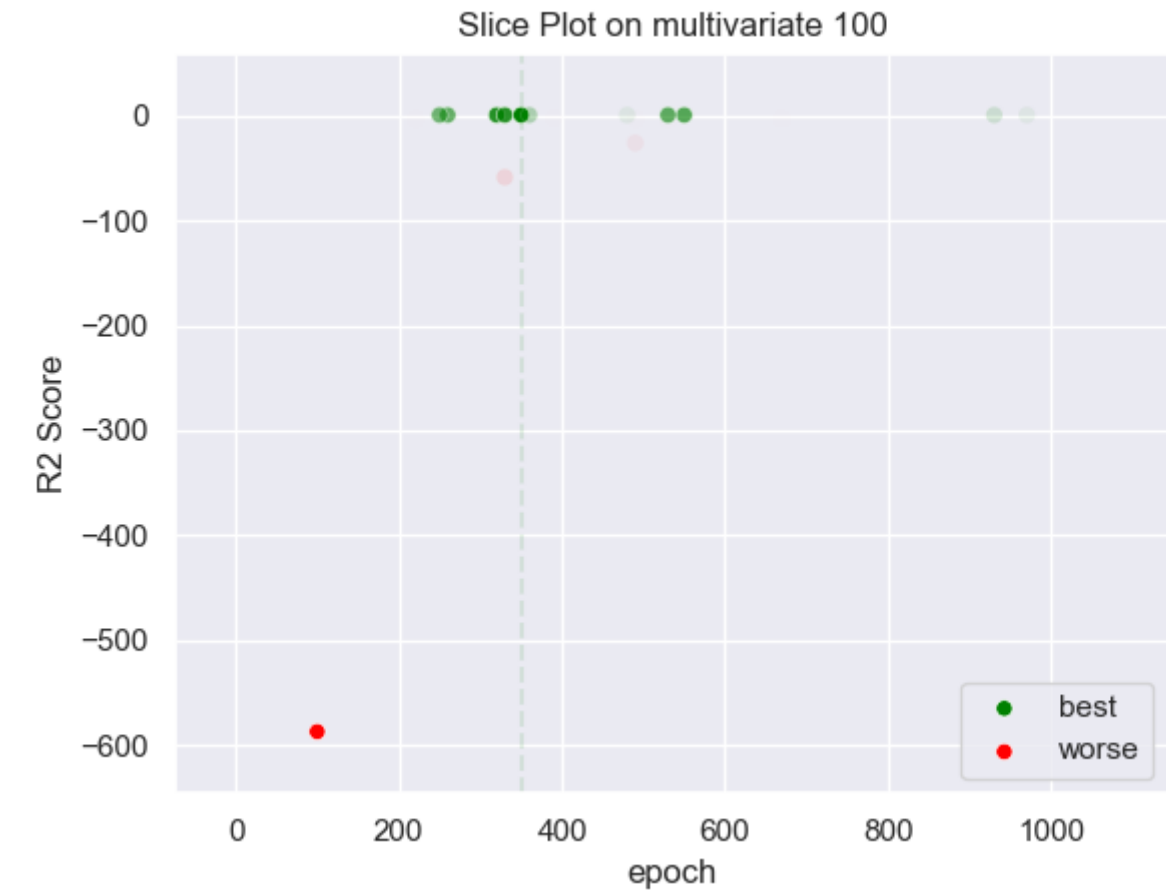
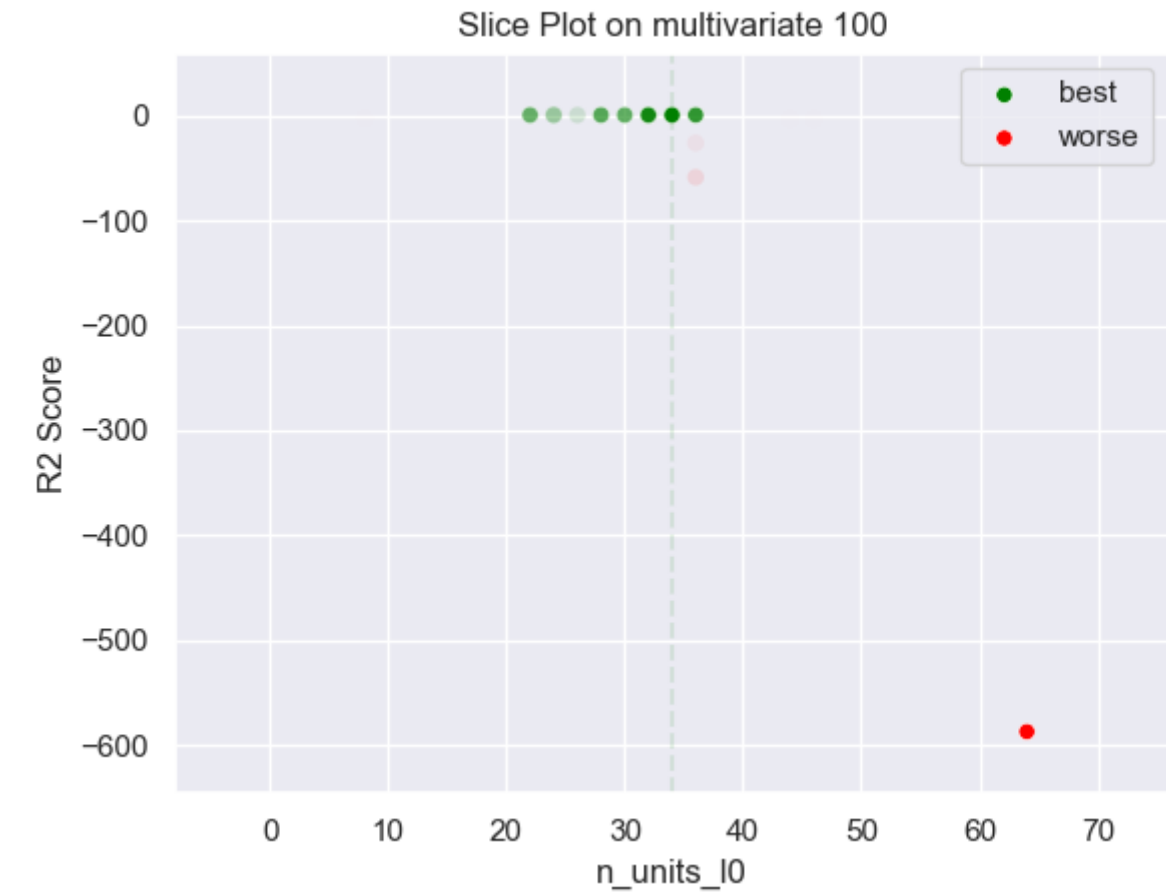
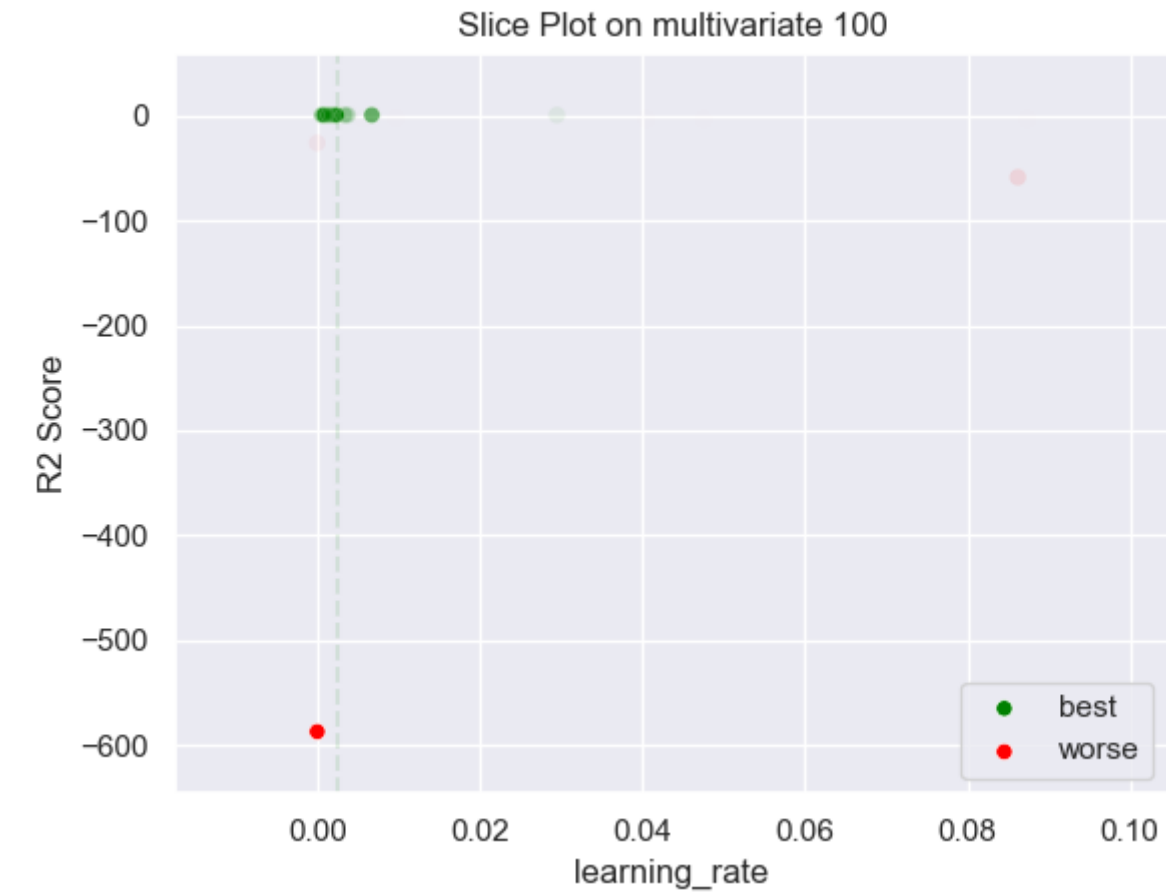
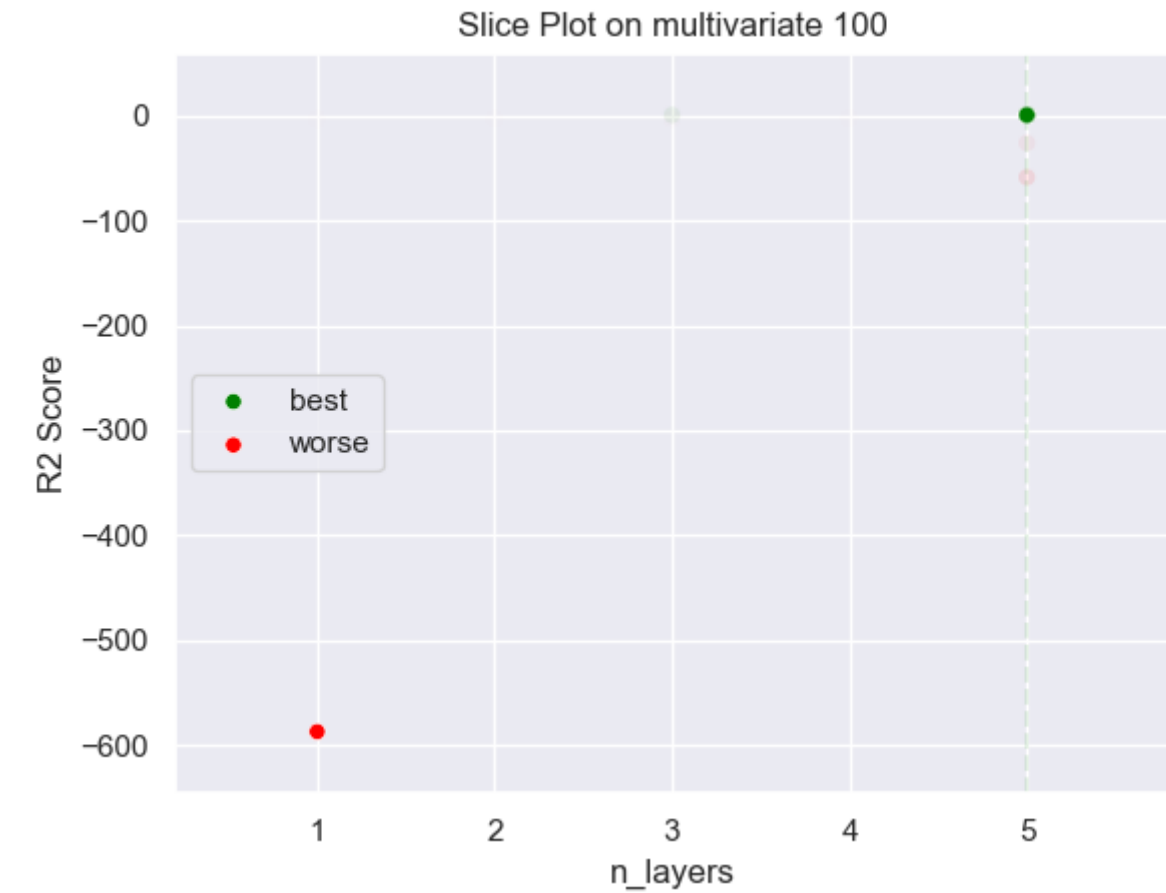
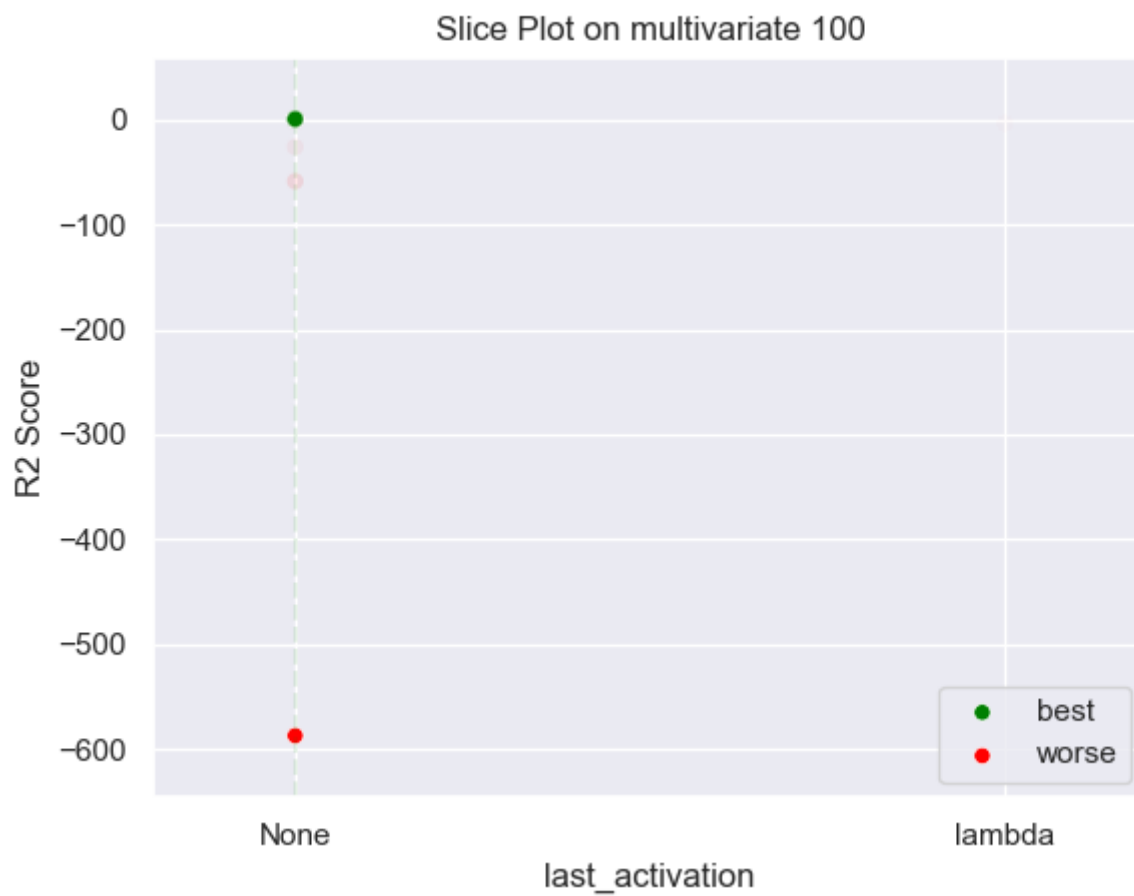
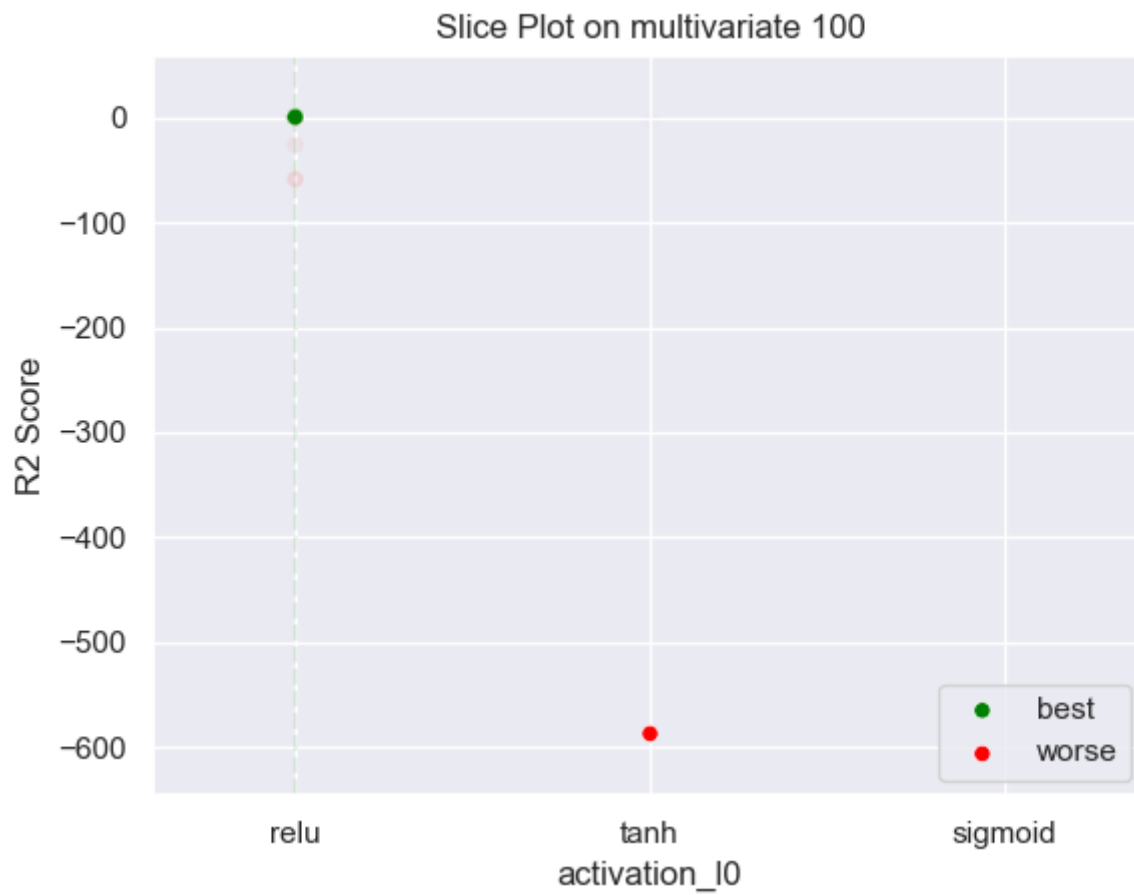


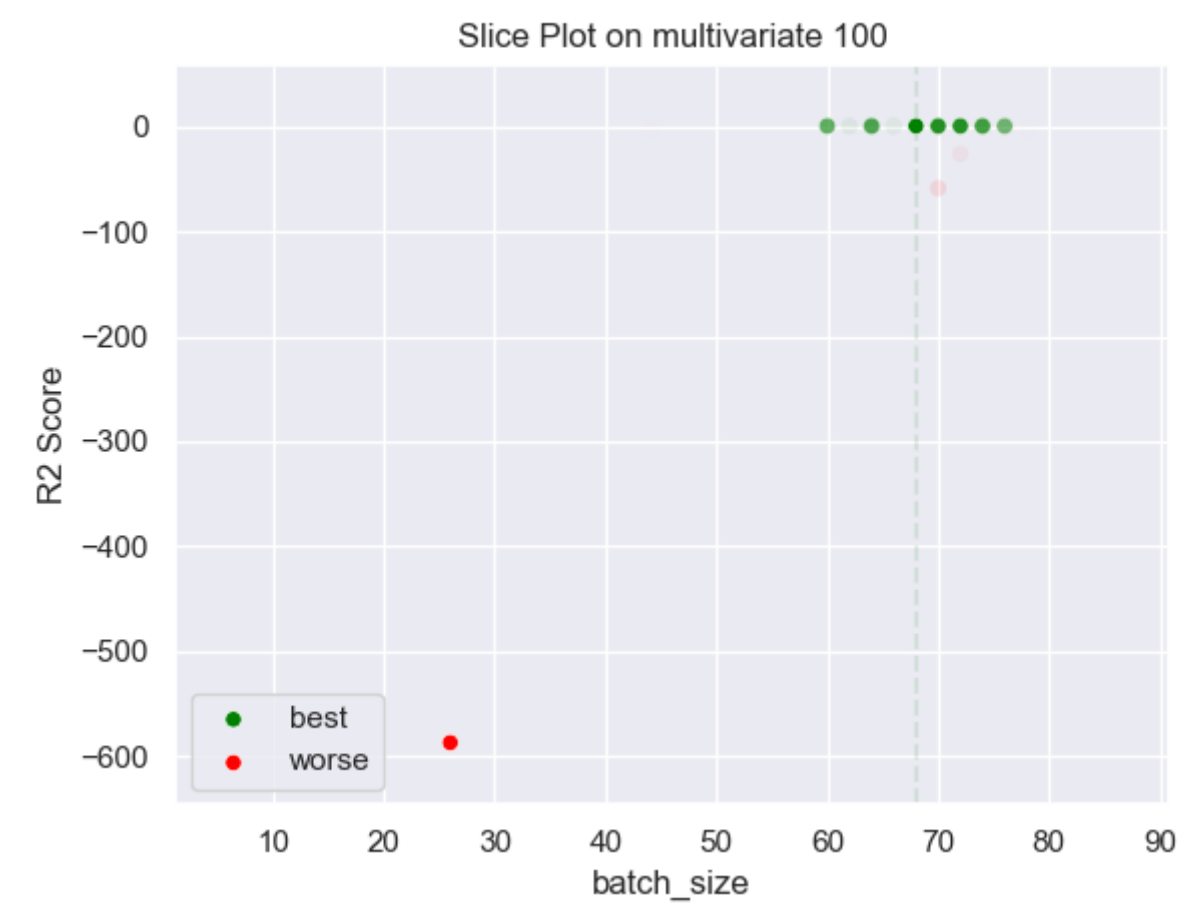
MLP PARZEN 100 multivariate











- R2 score: **0.90120015**
  - **seed** : 98
  - **h** : 0.2631334377419931
  - **n\_layers** : 5
  - **n\_units\_I0** : 34
  - **activation\_I0** : *relu*
  - **n\_units\_I1** : 30
  - **activation\_I1** : *tanh*
  - **n\_units\_I2** : 22
  - **activation\_I2** : *relu*
  - **n\_units\_I3** : 52
  - **activation\_I3** : *relu*
  - **n\_units\_I4** : 24
  - **activation\_I4** : *sigmoid*
  - **last\_activation** : *None*
  - **learning\_rate** : 0.0024196704886789663
  - **epoch** : 350
  - **optimizer** : *Adam*
  - **loss** : *huber\_loss*
  - **batch\_size** : 68
- R2 score: **0.89812005**
  - **seed** : 95
  - **h** : 0.23899931768525698
  - **n\_layers** : 5
  - **n\_units\_I0** : 32
  - **activation\_I0** : *relu*
  - **n\_units\_I1** : 36
  - **activation\_I1** : *tanh*
  - **n\_units\_I2** : 20
  - **activation\_I2** : *relu*
  - **n\_units\_I3** : 50
  - **activation\_I3** : *relu*
  - **n\_units\_I4** : 24
  - **activation\_I4** : *sigmoid*
  - **last\_activation** : *None*
  - **learning\_rate** : 0.0023299996468585677
  - **epoch** : 320
  - **optimizer** : *Adam*
  - **loss** : *huber\_loss*
  - **batch\_size** : 72
- R2 score: **0.89774166**
  - **seed** : 90
  - **h** : 0.23247745675204673

- **n\_layers** : 5
- **n\_units\_I0** : 36
- **activation\_I0** : *relu*
- **n\_units\_I1** : 22
- **activation\_I1** : *tanh*
- **n\_units\_I2** : 20
- **activation\_I2** : *relu*
- **n\_units\_I3** : 48
- **activation\_I3** : *relu*
- **n\_units\_I4** : 30
- **activation\_I4** : *tanh*
- **last\_activation** : *None*
- **learning\_rate** : 0.0023233599583199157
- **epoch** : 330
- **optimizer** : *Adam*
- **loss** : *mse\_loss*
- **batch\_size** : 70

## WORST 3

- R2 score: **-587.27056895**
  - **seed** : 98
  - **h** : 0.2631334377419931
  - **n\_layers** : 5
  - **n\_units\_I0** : 34
  - **activation\_I0** : *relu*
  - **n\_units\_I1** : 30
  - **activation\_I1** : *tanh*
  - **n\_units\_I2** : 22
  - **activation\_I2** : *relu*
  - **n\_units\_I3** : 52
  - **activation\_I3** : *relu*
  - **n\_units\_I4** : 24
  - **activation\_I4** : *sigmoid*
  - **last\_activation** : *None*
  - **learning\_rate** : 0.0024196704886789663
  - **epoch** : 350
  - **optimizer** : *Adam*
  - **loss** : *huber\_loss*
  - **batch\_size** : 68
- R2 score: **-58.48369888**
  - **seed** : 95
  - **h** : 0.23899931768525698
  - **n\_layers** : 5
  - **n\_units\_I0** : 32

- **activation\_l0** : *relu*
- **n\_units\_l1** : 36
- **activation\_l1** : *tanh*
- **n\_units\_l2** : 20
- **activation\_l2** : *relu*
- **n\_units\_l3** : 50
- **activation\_l3** : *relu*
- **n\_units\_l4** : 24
- **activation\_l4** : *sigmoid*
- **last\_activation** : *None*
- **learning\_rate** : 0.0023299996468585677
- **epoch** : 320
- **optimizer** : *Adam*
- **loss** : *huber\_loss*
- **batch\_size** : 72
- **R2 score: -25.75835683**
  - **seed** : 90
  - **h** : 0.23247745675204673
  - **n\_layers** : 5
  - **n\_units\_l0** : 36
  - **activation\_l0** : *relu*
  - **n\_units\_l1** : 22
  - **activation\_l1** : *tanh*
  - **n\_units\_l2** : 20
  - **activation\_l2** : *relu*
  - **n\_units\_l3** : 48
  - **activation\_l3** : *relu*
  - **n\_units\_l4** : 30
  - **activation\_l4** : *tanh*
  - **last\_activation** : *None*
  - **learning\_rate** : 0.0023233599583199157
  - **epoch** : 330
  - **optimizer** : *Adam*
  - **loss** : *mse\_loss*
  - **batch\_size** : 70