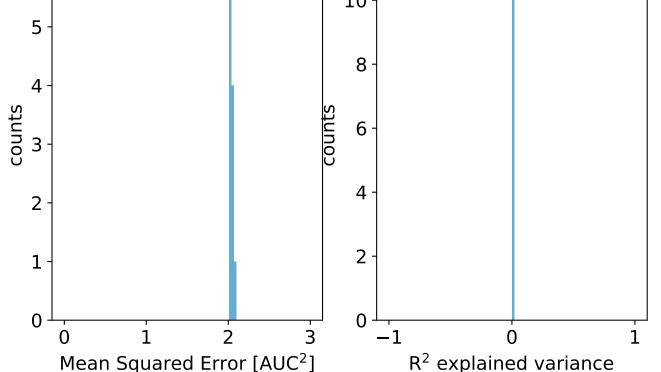
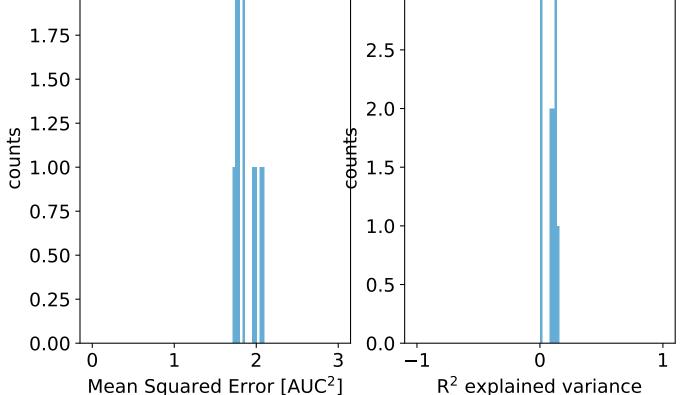
$learning_rate = -1.00, reg_par = -1.00$ 

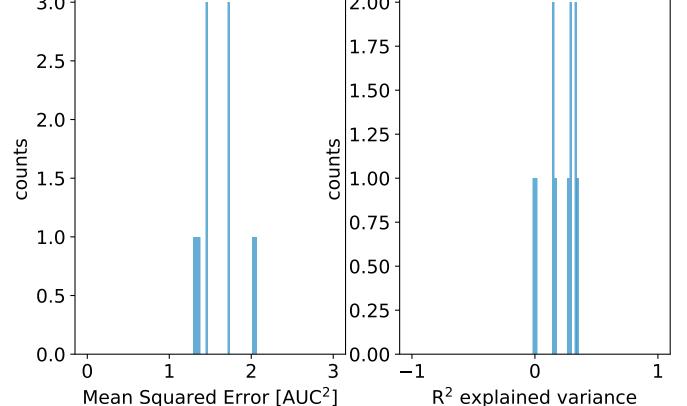


 $learning_rate = -1.44$ ,  $reg_par = -1.44$ 

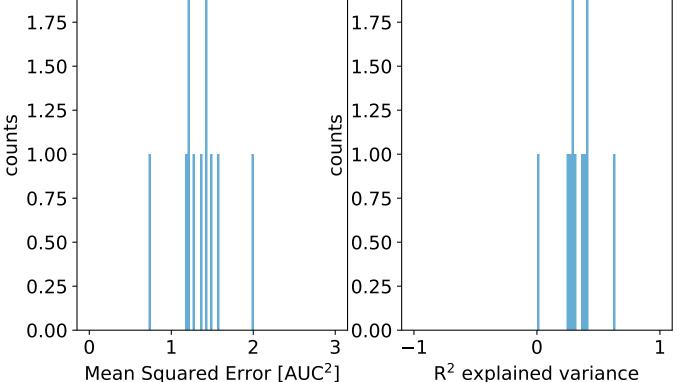


3.0-

 $learning_rate = -1.89$ ,  $reg_par = -1.89$ 

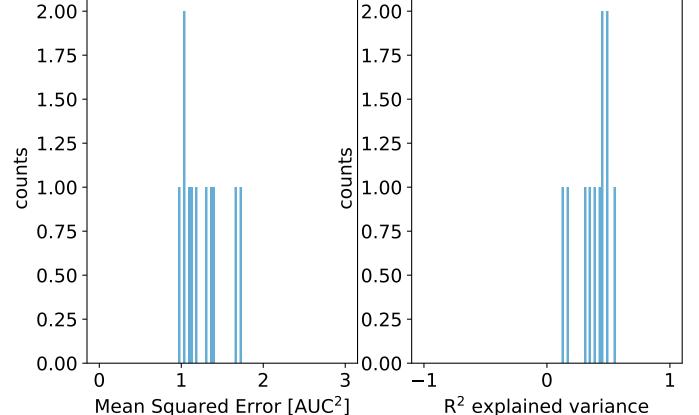


learning rate = -2.33, reg par = -2.332.00 2.00 1.75 1.75

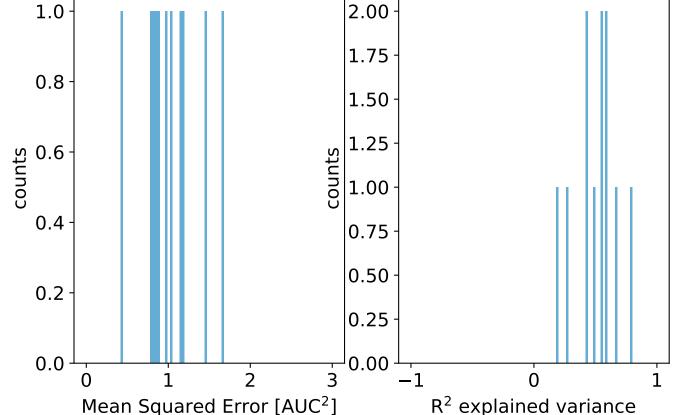


R<sup>2</sup> explained variance

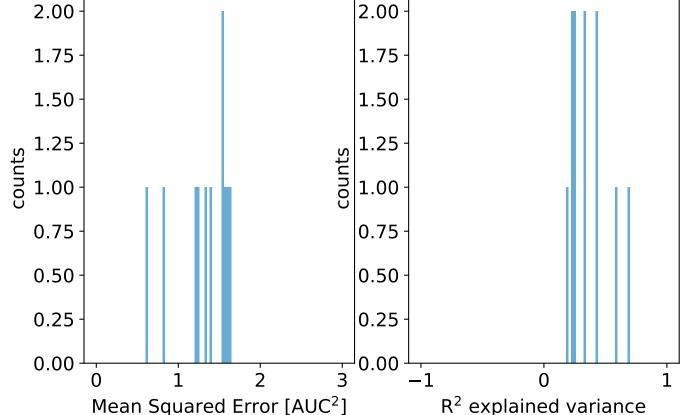
learning\_rate = -2.78, reg\_par = -2.78



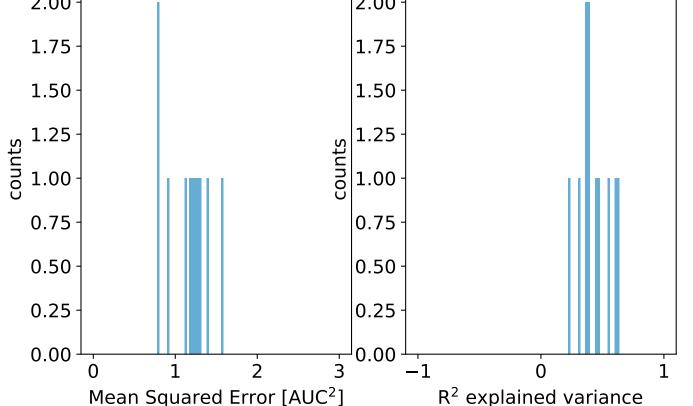
 $learning_rate = -3.22, reg_par = -3.22$ 



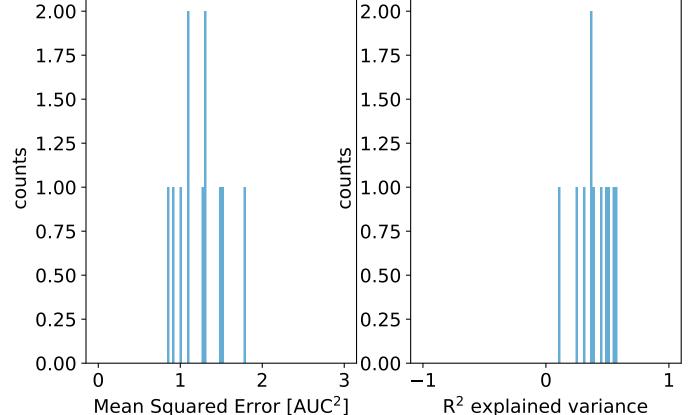
learning rate = -3.67, reg par = -3.67



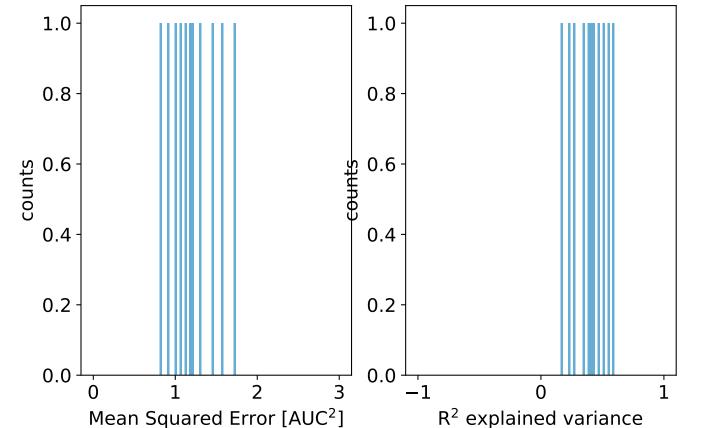
# learning\_rate = -4.11, reg\_par = -4.11 2.00-



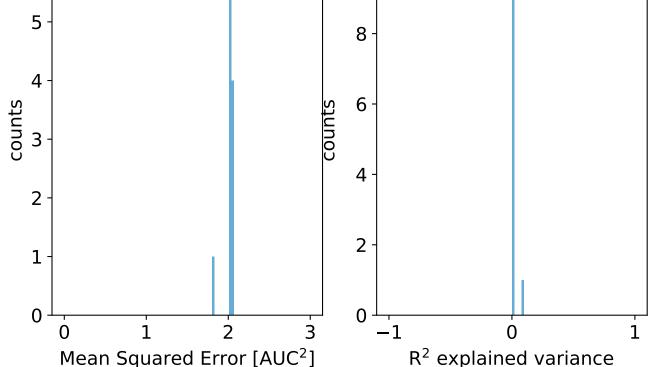
## learning\_rate = -4.56, reg\_par = -4.56



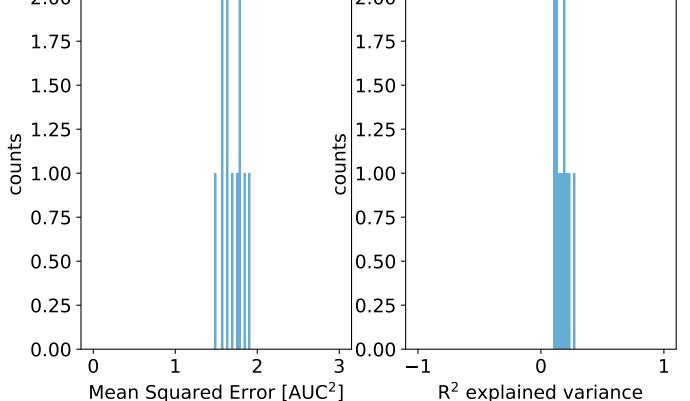
## learning\_rate = -5.00, reg\_par = -5.00



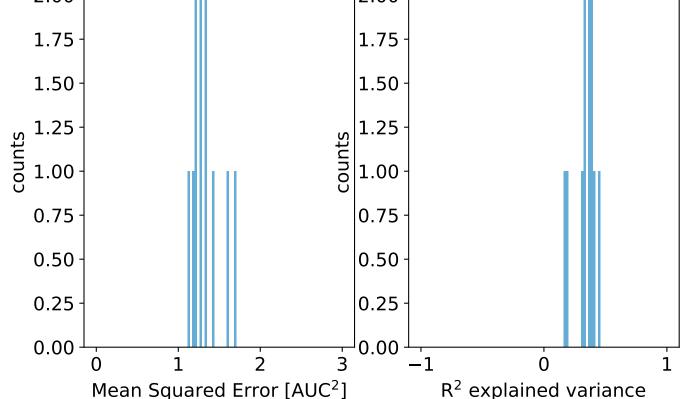
 $learning_rate = -1.00, reg_par = -1.00$ 



 $learning_rate = -1.44$ , reg par = -1.44

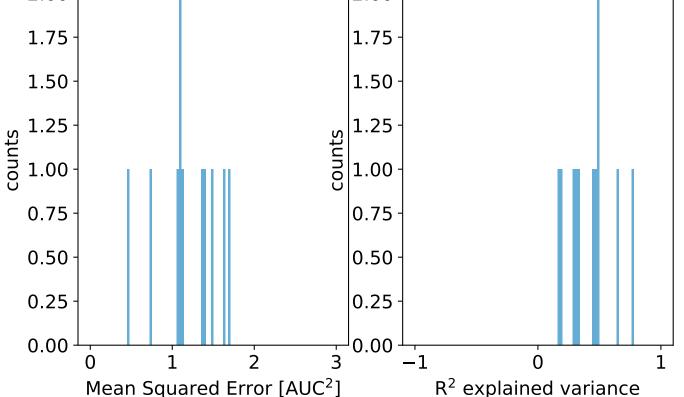


learning rate = -1.89, reg par = -1.89

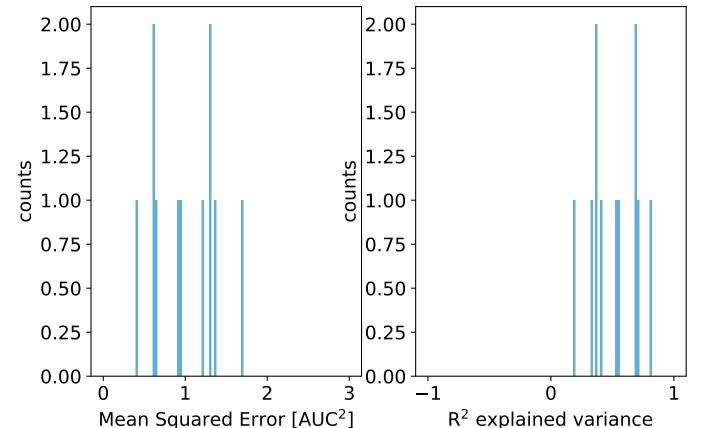


2.00 -

learning rate = -2.33, reg par = -2.33

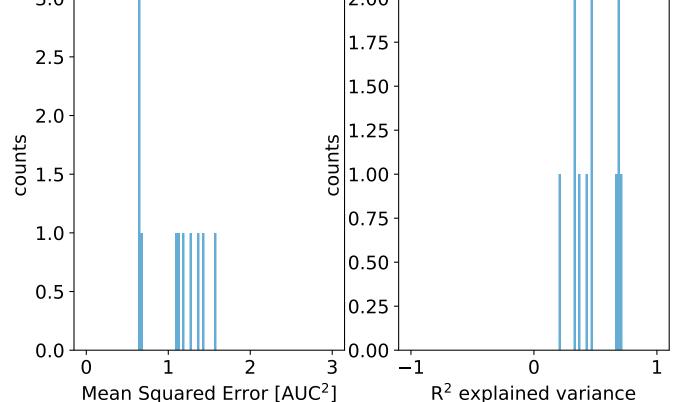


learning\_rate = -2.78, reg\_par = -2.78

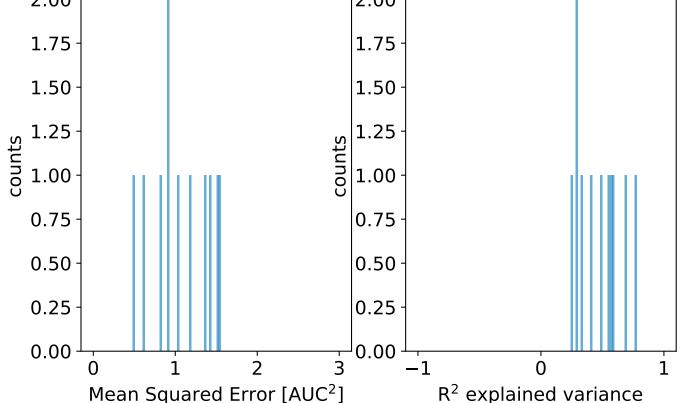


3.0 -

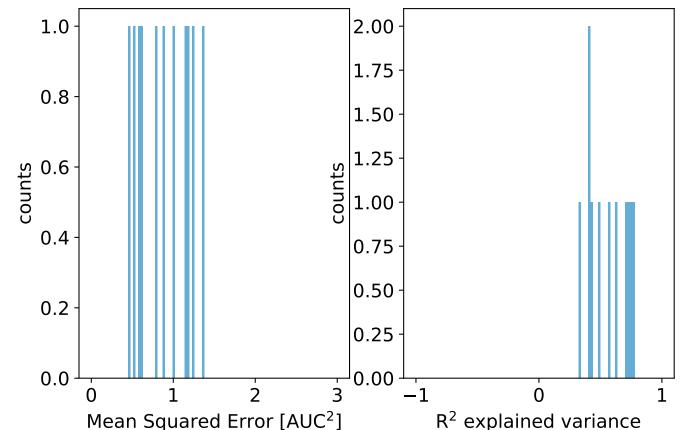
 $learning_rate = -3.22, reg_par = -3.22$ 



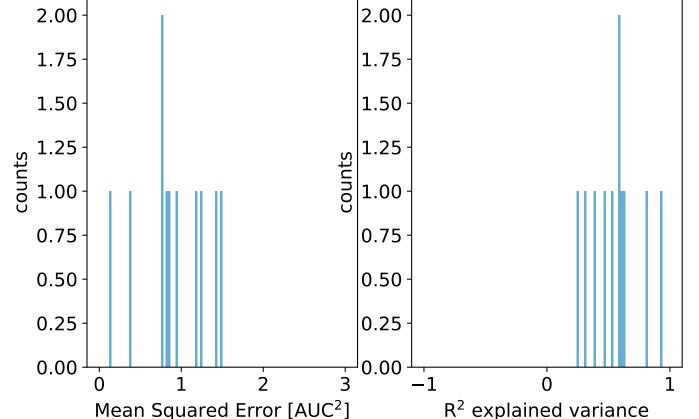
# learning\_rate = -3.67, reg\_par = -3.67



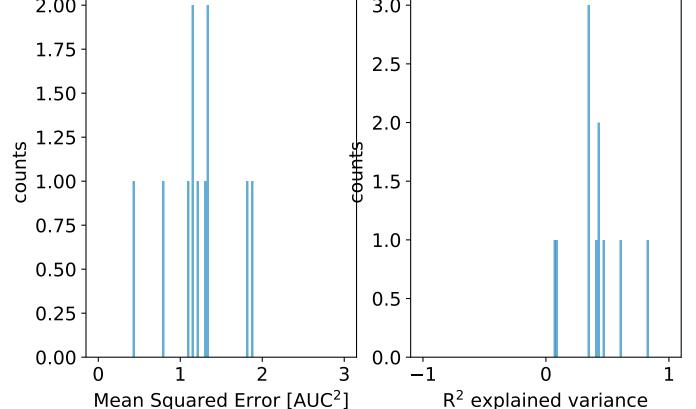
### learning\_rate = -4.11, reg\_par = -4.11



## learning\_rate = -4.56, reg\_par = -4.56

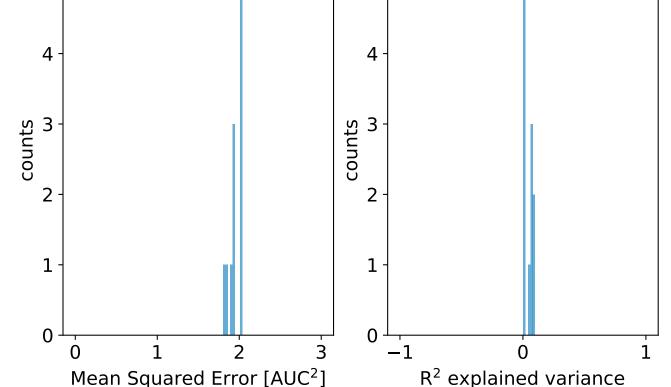


 $learning_rate = -5.00, reg_par = -5.00$ 

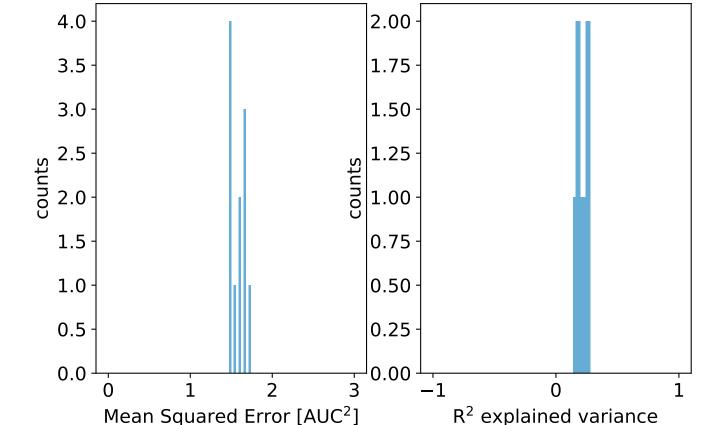


5 5 4 -

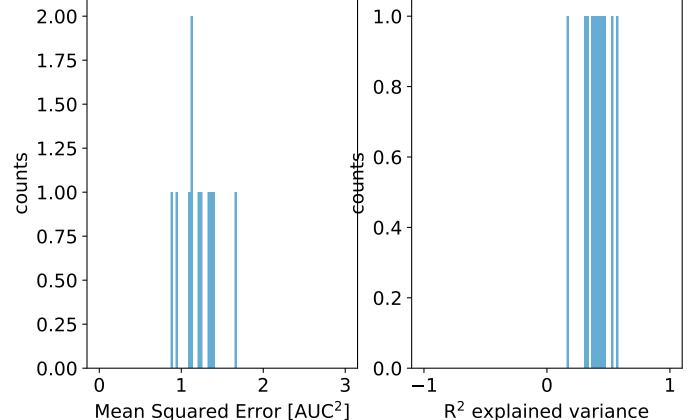
 $learning_rate = -1.00, reg_par = -1.00$ 



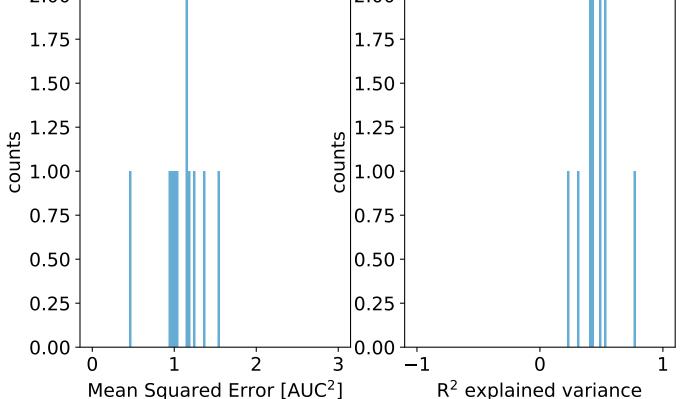
learning\_rate = -1.44, reg\_par = -1.44



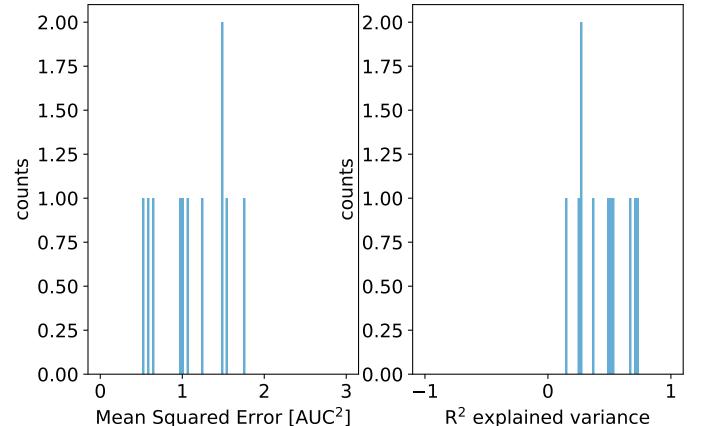
learning\_rate = -1.89, reg\_par = -1.89



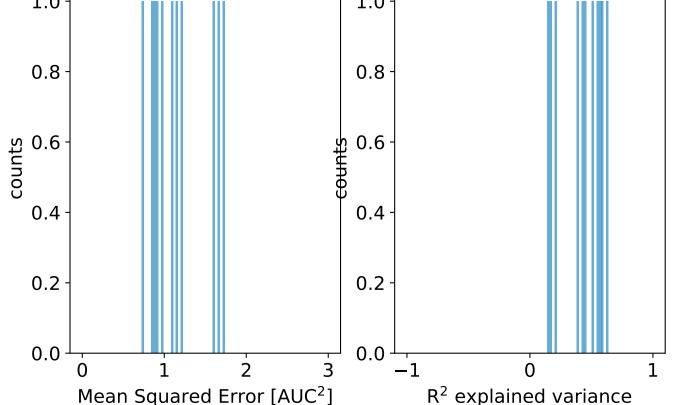
learning rate = -2.33, reg par = -2.33



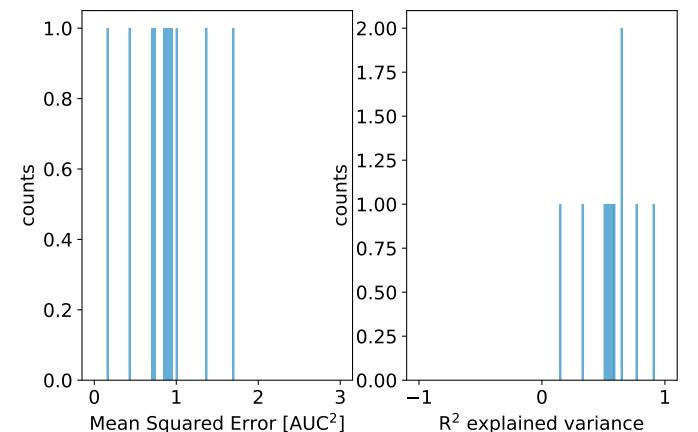
## learning\_rate = -2.78, reg\_par = -2.78



 $learning_rate = -3.22, reg_par = -3.22$ 

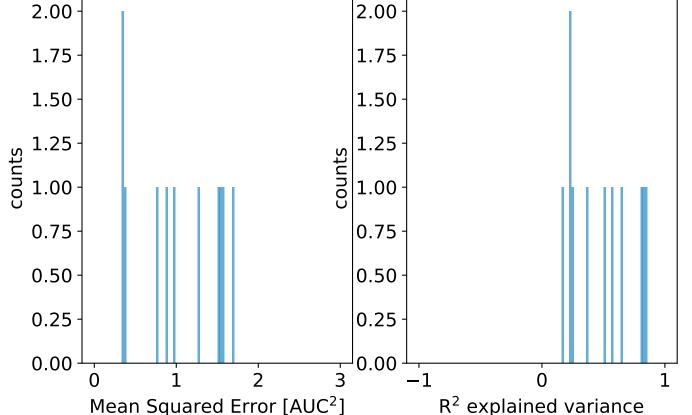


#### learning\_rate = -3.67, reg\_par = -3.67

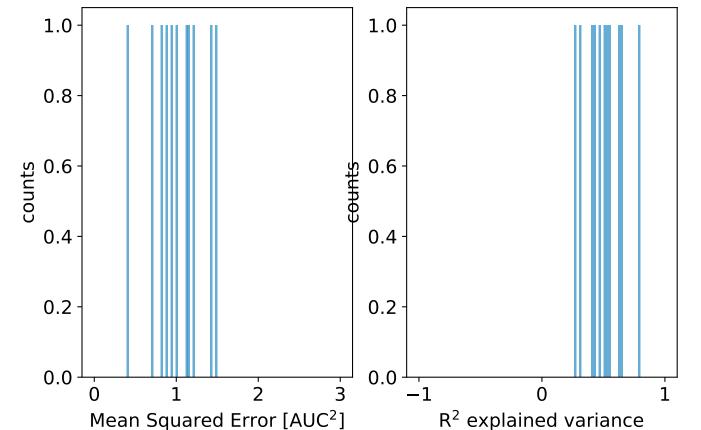


## 0-

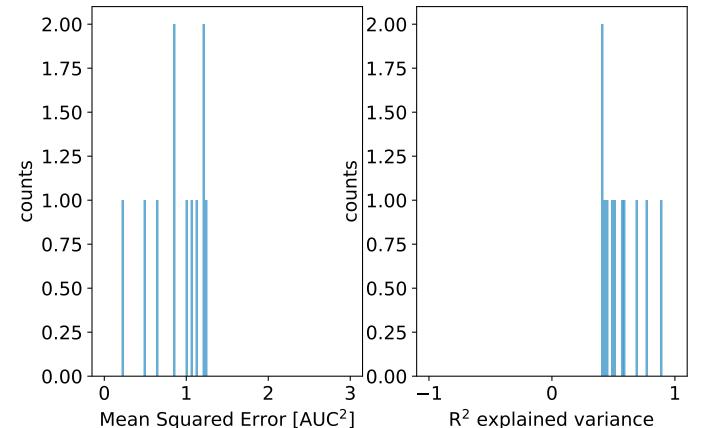
learning rate = -4.11, reg par = -4.11



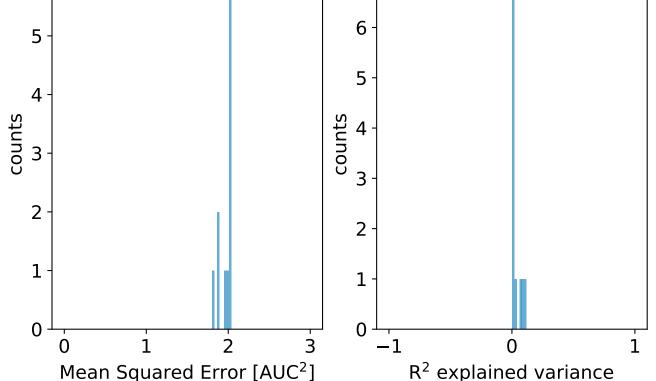
## learning\_rate = -4.56, reg\_par = -4.56



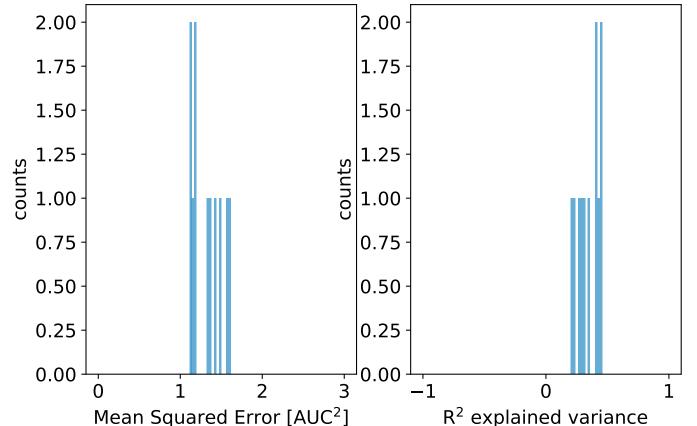
### learning\_rate = -5.00, reg\_par = -5.00



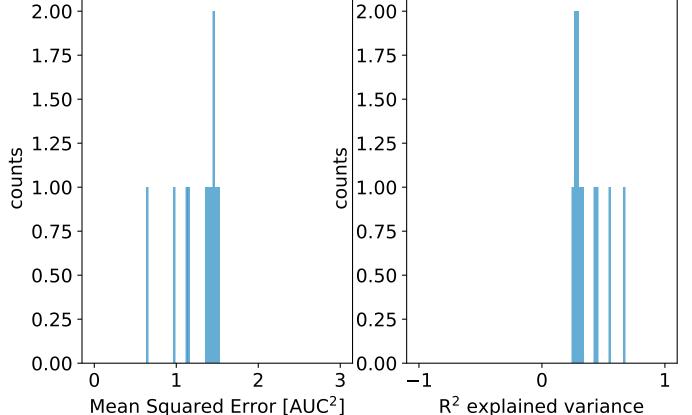
 $learning_rate = -1.00, reg_par = -1.00$ 

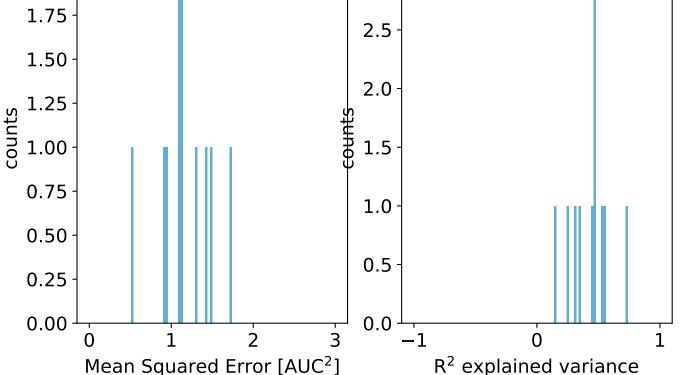


learning\_rate = -1.44, reg\_par = -1.44

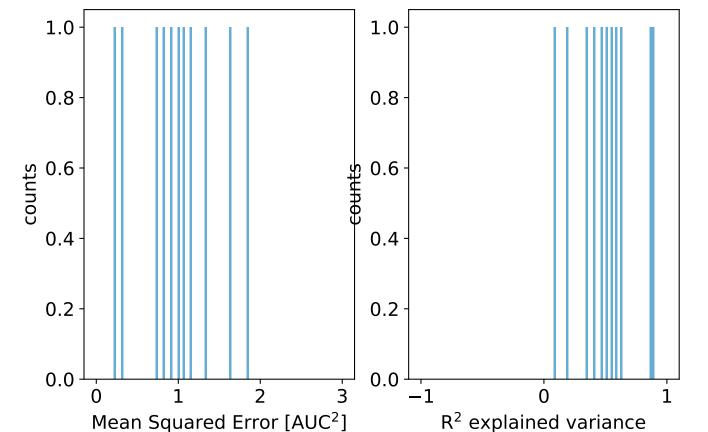


learning\_rate = -1.89, reg\_par = -1.89



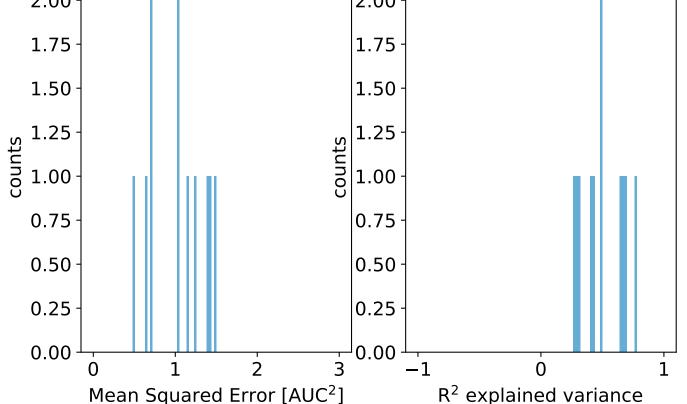


#### learning\_rate = -2.78, reg\_par = -2.78

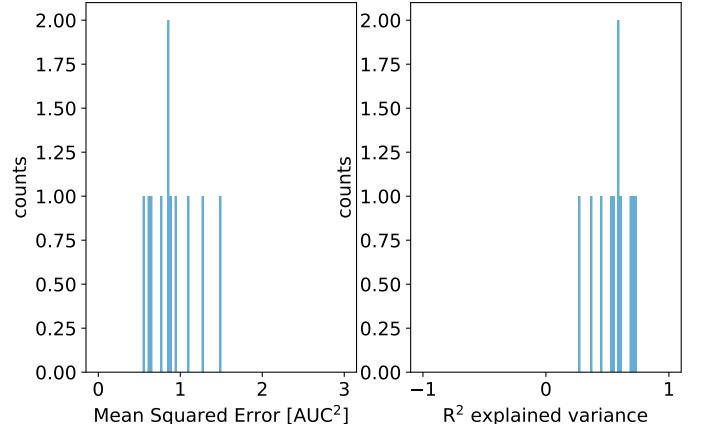


2.00 -

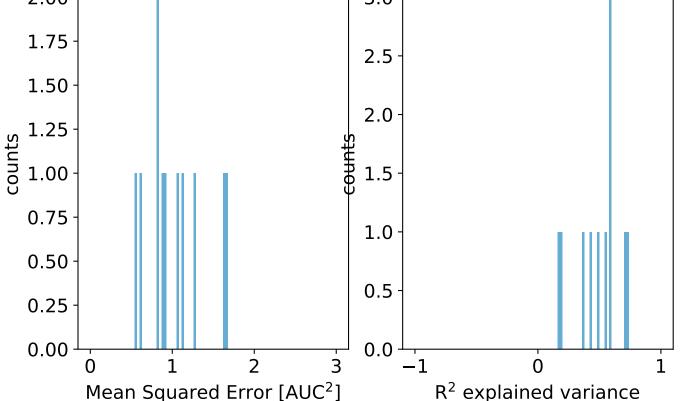
learning rate = -3.22, reg par = -3.22



### learning\_rate = -3.67, reg\_par = -3.67

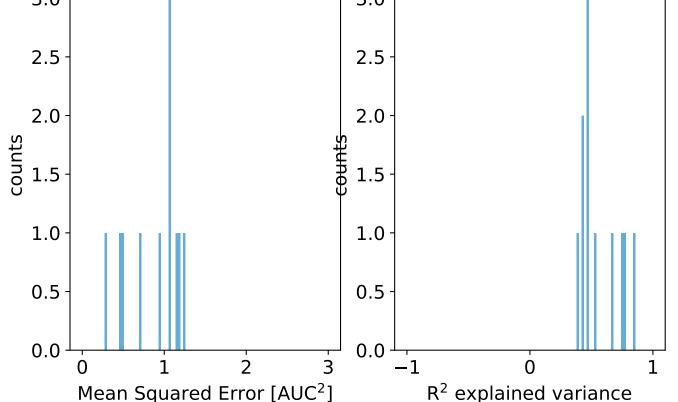


# learning\_rate = -4.11, reg\_par = -4.11 2.00 3.0-



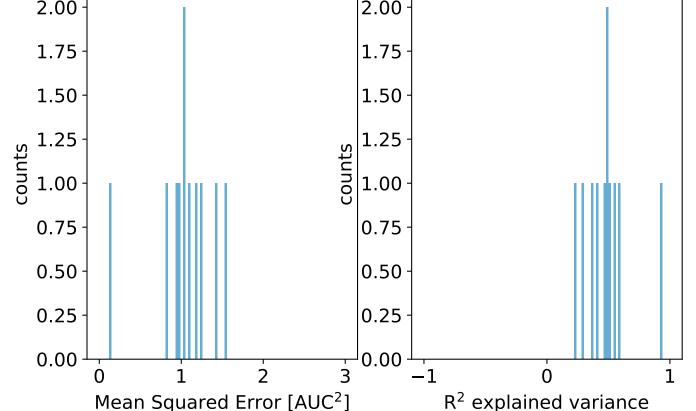
# 3.0

 $learning_rate = -4.56$ ,  $reg_par = -4.56$ 



#### 2.00 2.00

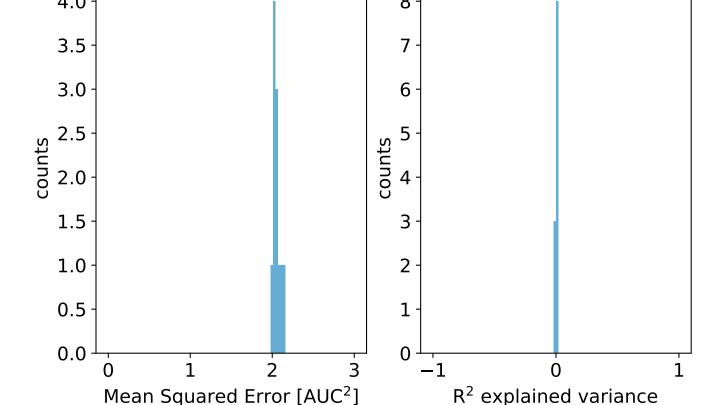
learning rate = -5.00, reg par = -5.00



R<sup>2</sup> explained variance

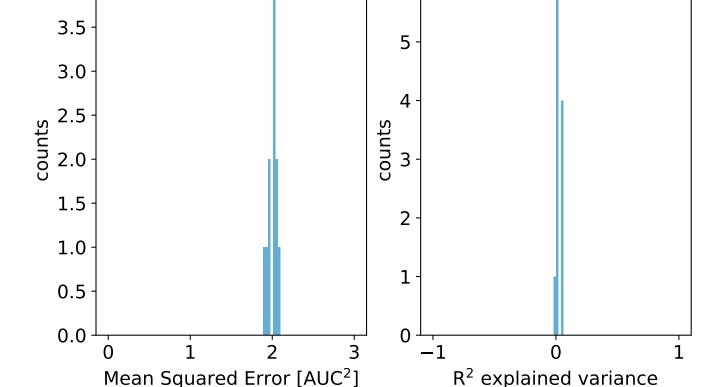
# 4.0 -

 $learning_rate = -1.00, reg_par = -1.00$ 



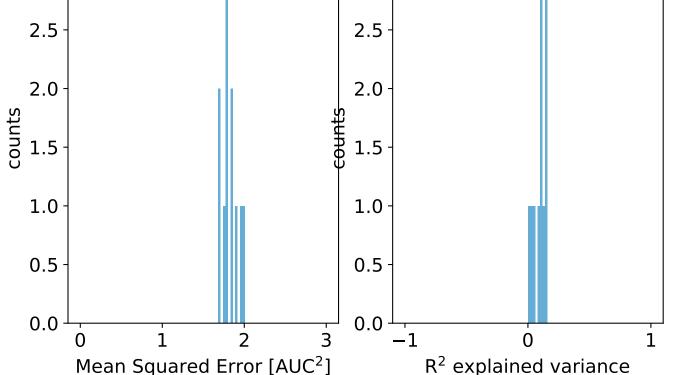
4.0

 $learning_rate = -1.44$ ,  $reg_par = -1.44$ 



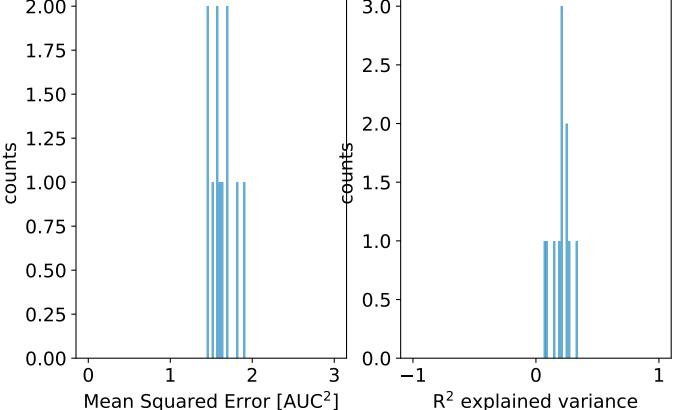
3.0 3.0 2.5 2.5 2.0 2.0

 $learning_rate = -1.89$ ,  $reg_par = -1.89$ 



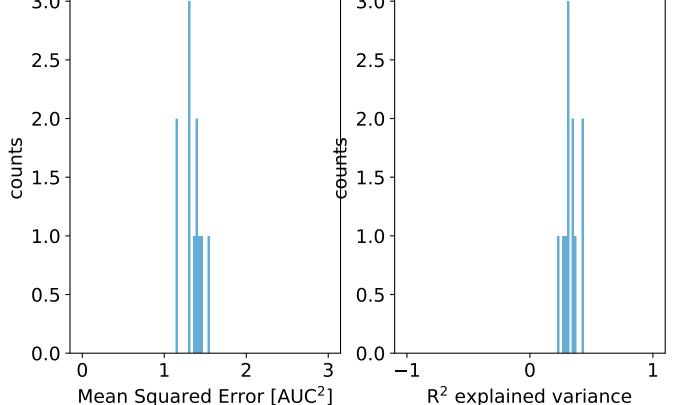
R<sup>2</sup> explained variance

 $learning_rate = -2.33, reg_par = -2.33$ 2.00 3.0 1.75 2.5 1.50 2.0 1.25



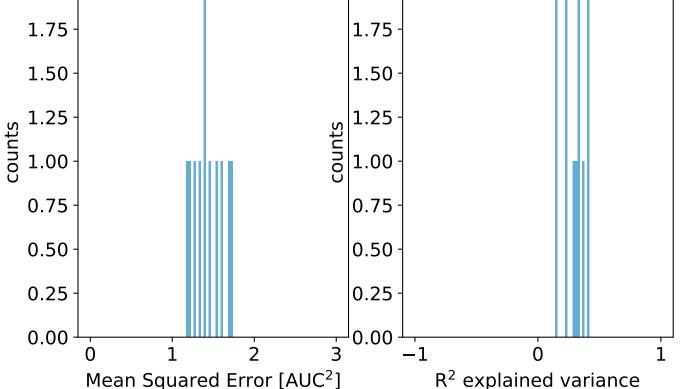
3.0

learning rate = -2.78, reg par = -2.78

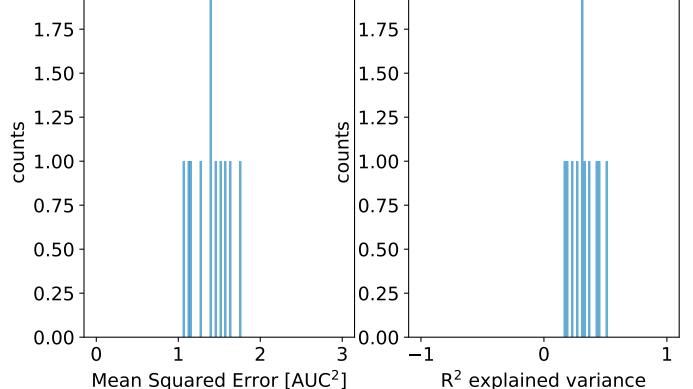


2.00 -1.75 -2.00 -1.75 -

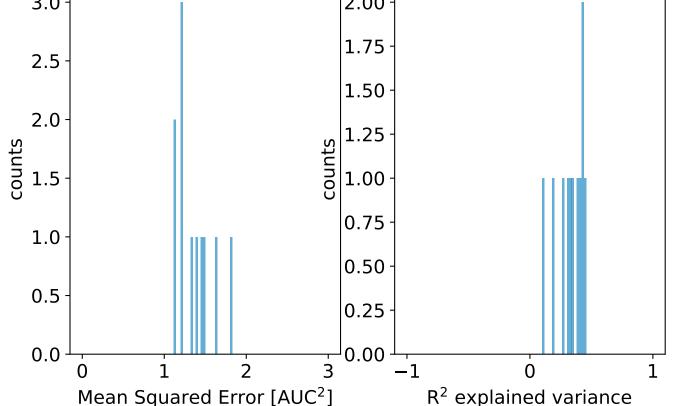
learning rate = -3.22, reg par = -3.22



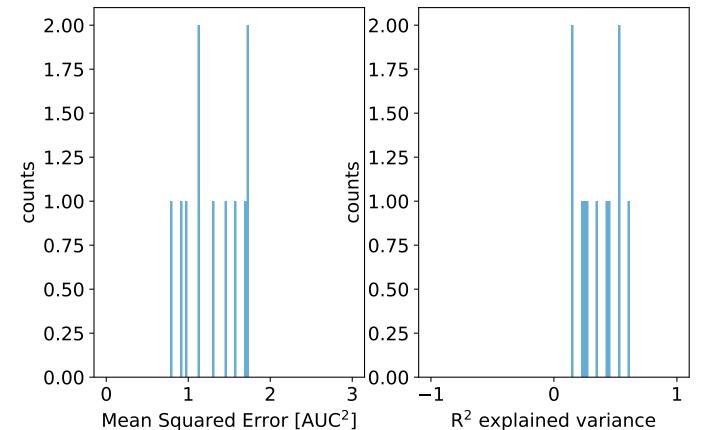
learning\_rate = -3.67, reg\_par = -3.67



# learning\_rate = -4.11, reg\_par = -4.11 3.0 2.00-

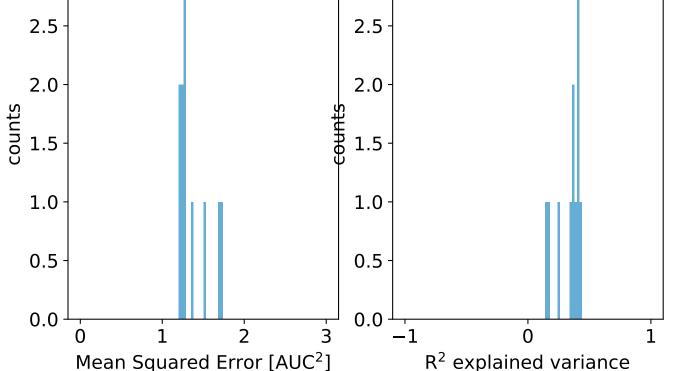


### learning\_rate = -4.56, reg\_par = -4.56



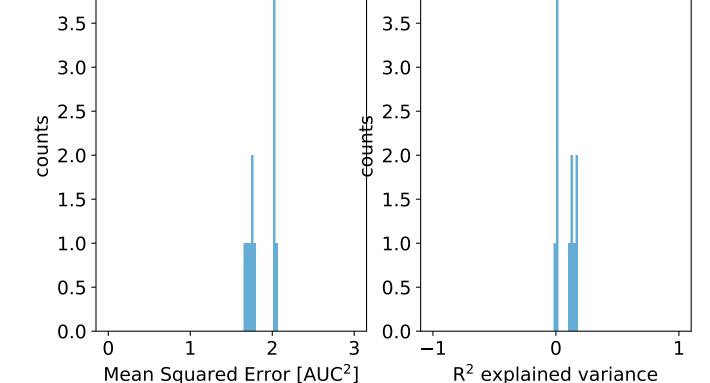
3.0 3.0 2.5 2.5 2.0 2.0

 $learning_rate = -5.00, reg_par = -5.00$ 



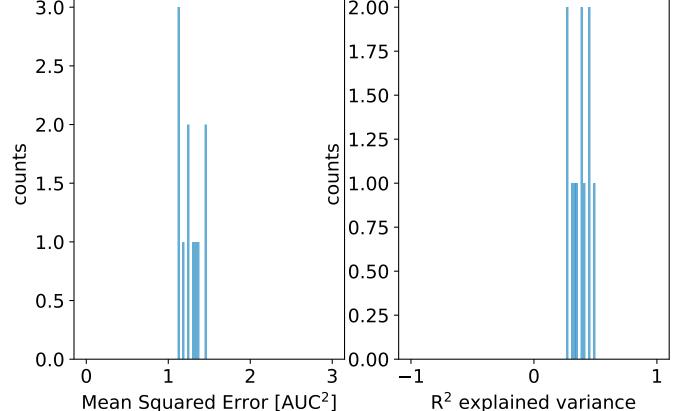
#### 4.0 4.0 3.5 3.5 3.0 3.0

 $learning_rate = -1.00, reg_par = -1.00$ 

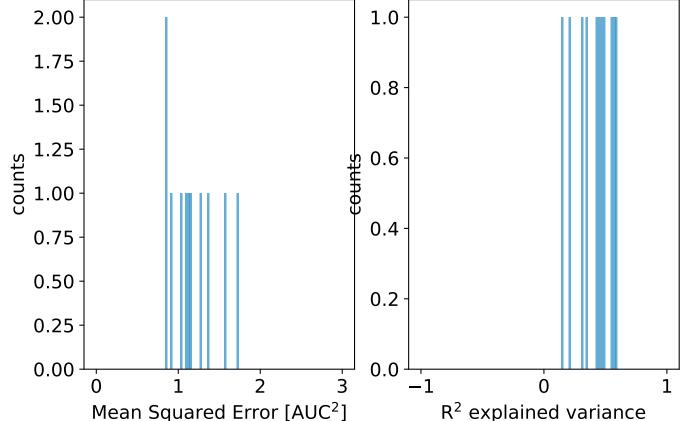


3.0 -

 $learning_rate = -1.44$ ,  $reg_par = -1.44$ 

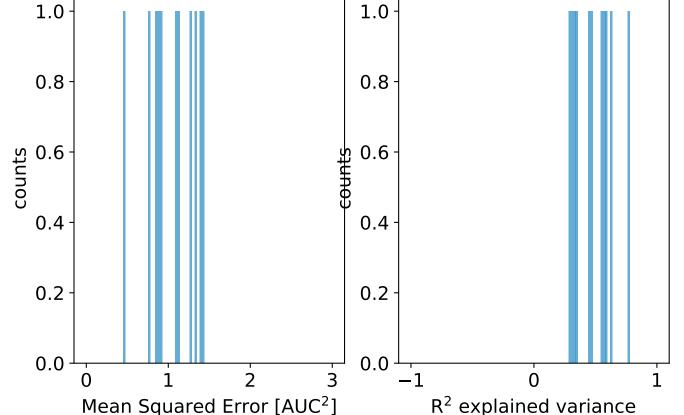


## learning\_rate = -1.89, reg\_par = -1.89

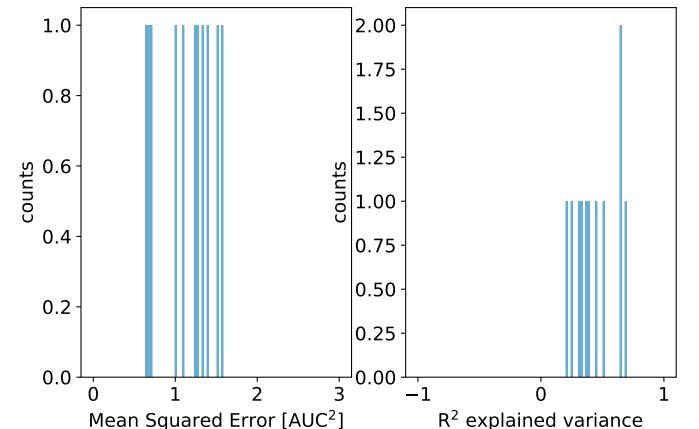


1.0

 $learning_rate = -2.33, reg_par = -2.33$ 

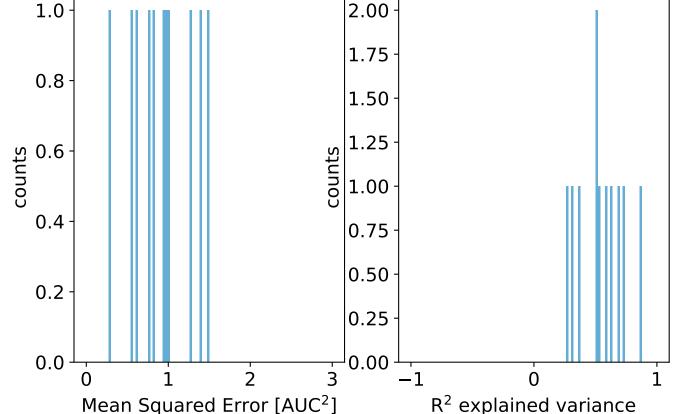


### learning\_rate = -2.78, reg\_par = -2.78

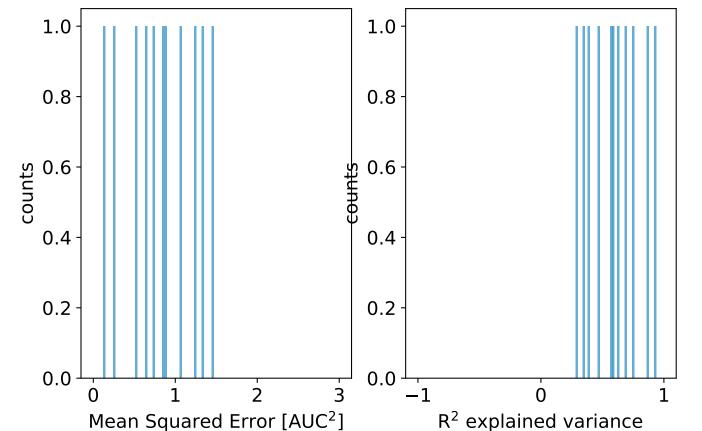


2 00

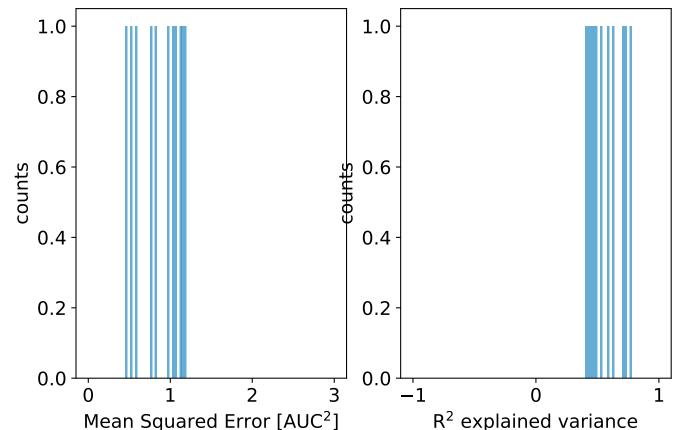
 $learning_rate = -3.22, reg_par = -3.22$ 



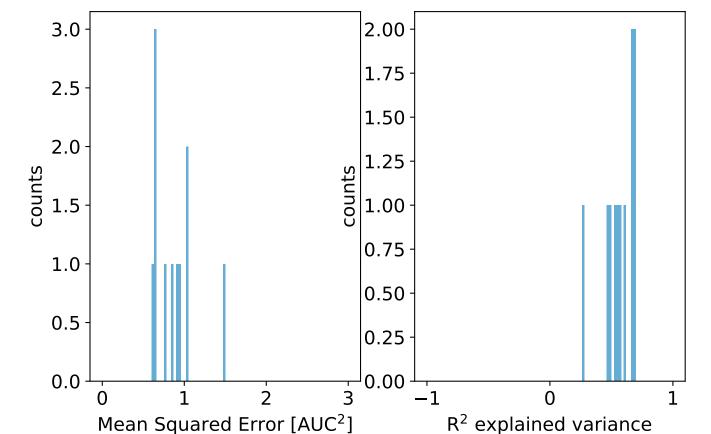
#### learning\_rate = -3.67, reg\_par = -3.67



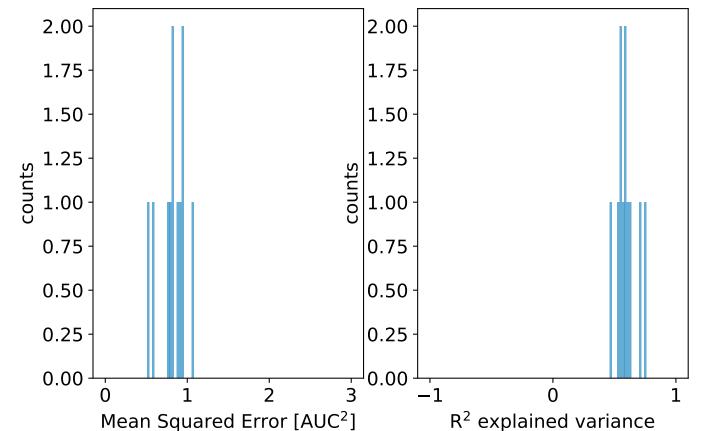
#### learning\_rate = -4.11, reg\_par = -4.11



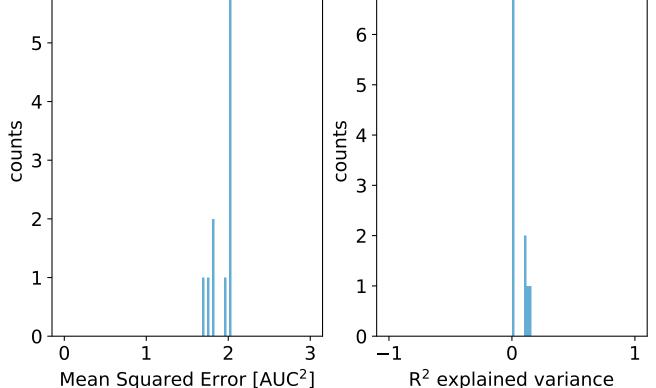
#### learning\_rate = -4.56, reg\_par = -4.56



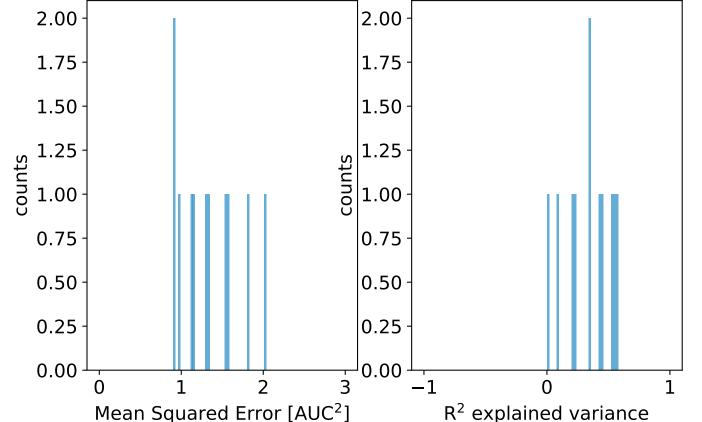
#### learning\_rate = -5.00, reg\_par = -5.00



 $learning_rate = -1.00, reg_par = -1.00$ 

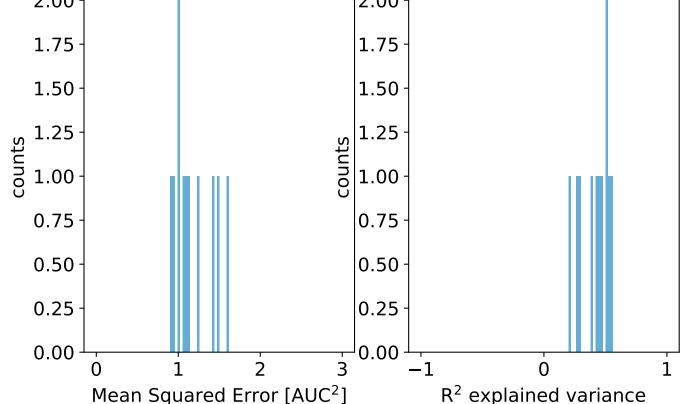


learning\_rate = -1.44, reg\_par = -1.44



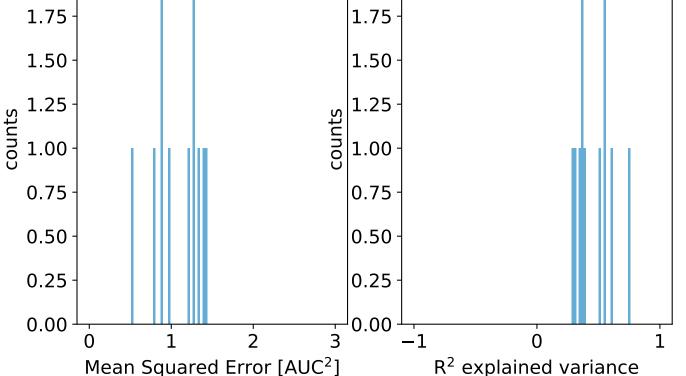
learning\_rate = -1.89, reg\_par = -1.89

2.00-



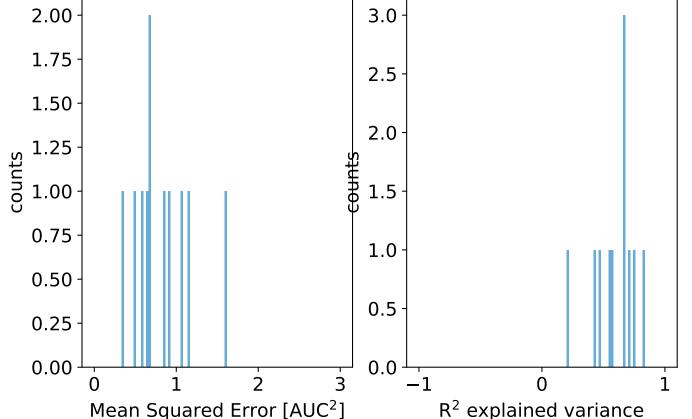
2.00 2.00 1.75 1.75 1.50 1.50

learning rate = -2.33, reg par = -2.33



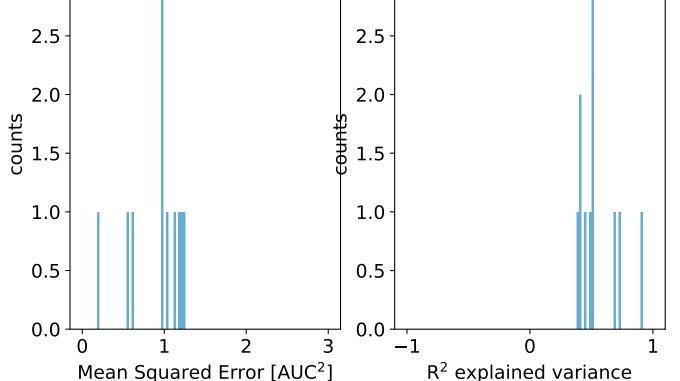
R<sup>2</sup> explained variance

# learning\_rate = -2.78, reg\_par = -2.78

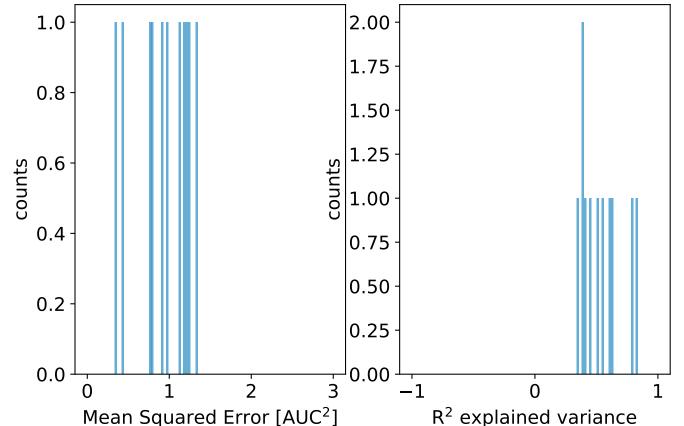


3.0 3.0 2.5 2.5 2.0 2.0

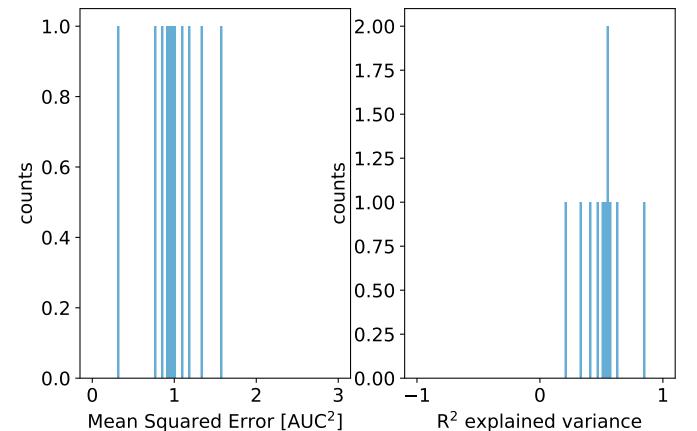
learning rate = -3.22, reg par = -3.22



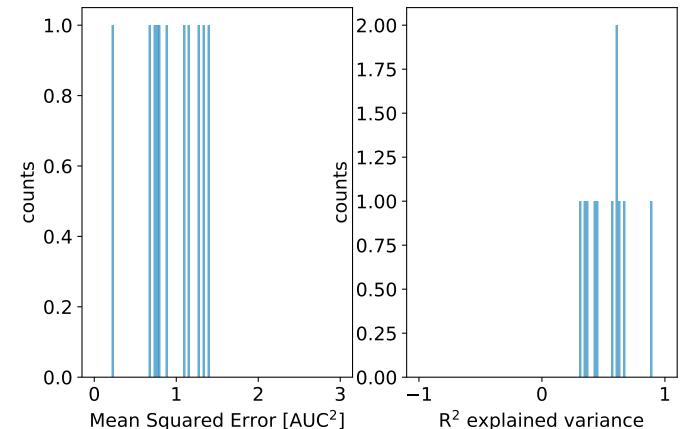
learning\_rate = -3.67, reg\_par = -3.67



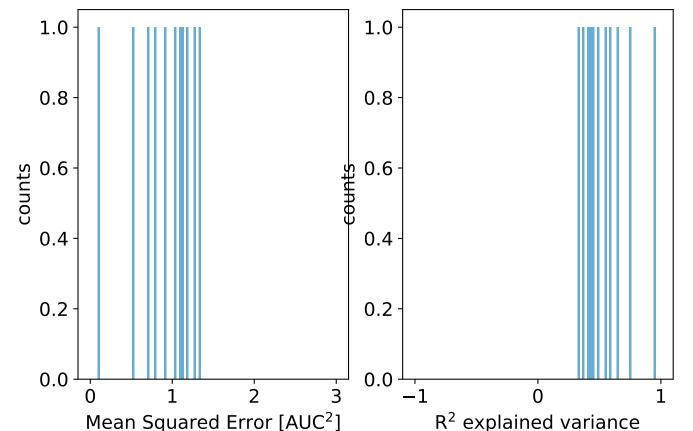
#### learning\_rate = -4.11, reg\_par = -4.11



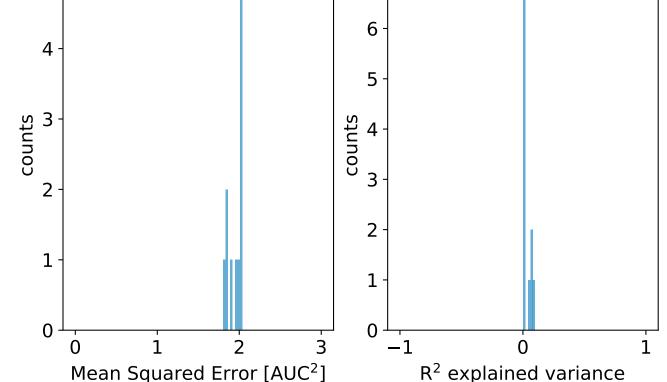
#### learning\_rate = -4.56, reg\_par = -4.56



#### learning\_rate = -5.00, reg\_par = -5.00



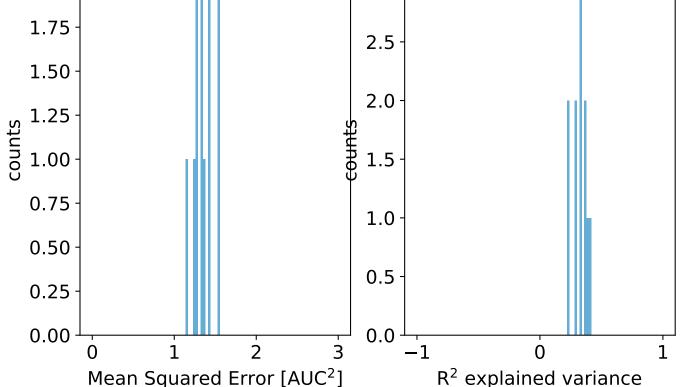
 $learning_rate = -1.00, reg_par = -1.00$ 



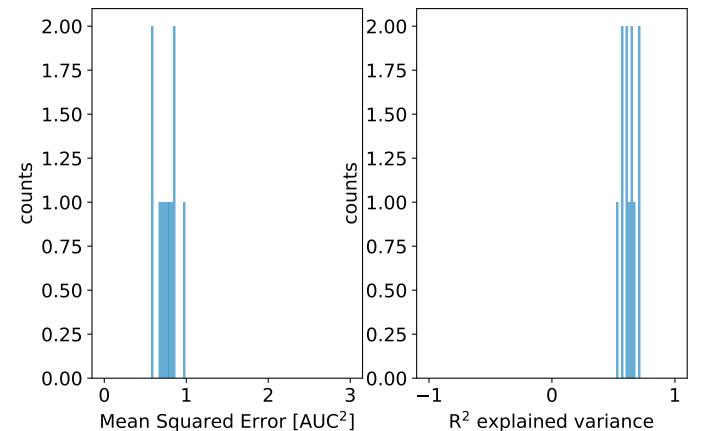
learning\_rate = -1.44, reg\_par = -1.44

2.00

1.75

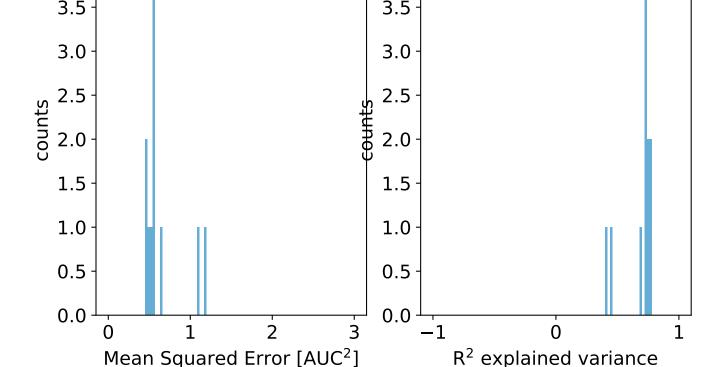


#### learning\_rate = -1.89, reg\_par = -1.89

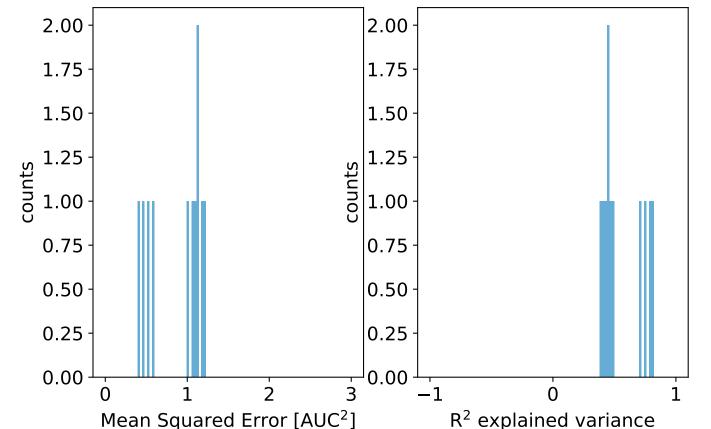


4.0 4.0 3.5 3.5 3.0 3.0

learning rate = -2.33, reg par = -2.33

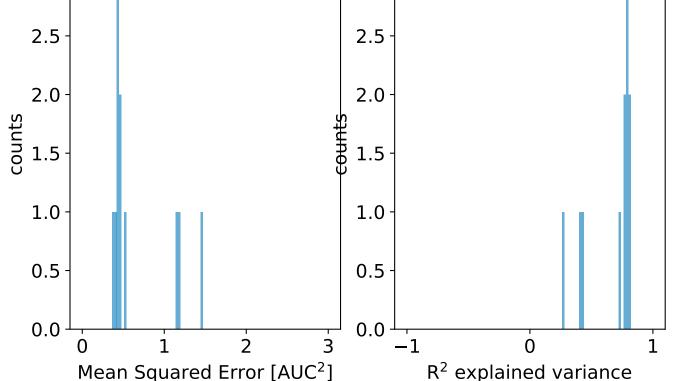


#### learning\_rate = -2.78, reg\_par = -2.78

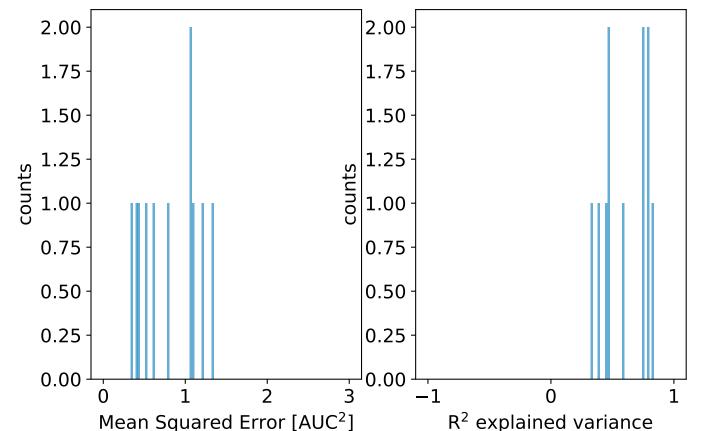


3.0 3.0 2.5 2.5 2.0 2.0

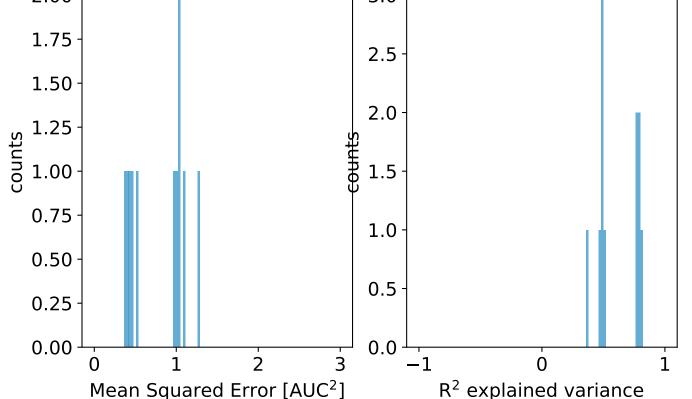
 $learning_rate = -3.22, reg_par = -3.22$ 



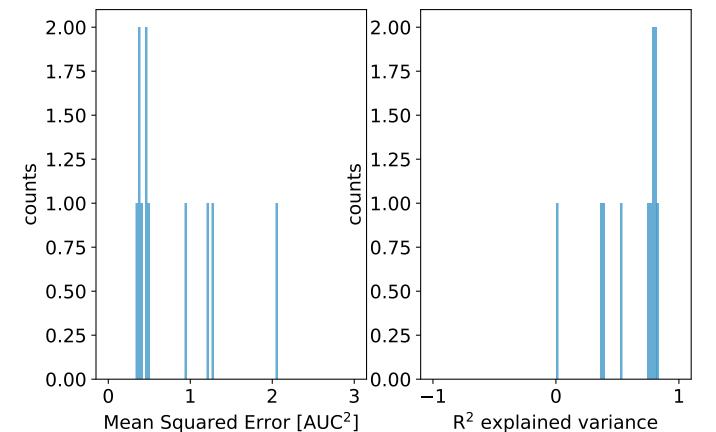
#### learning\_rate = -3.67, reg\_par = -3.67



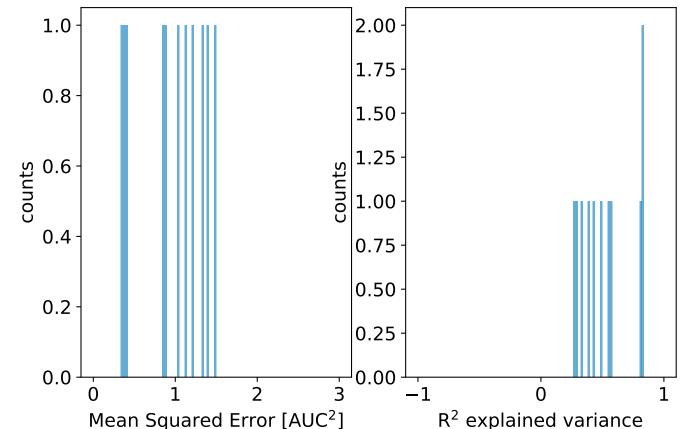
# learning\_rate = -4.11, reg\_par = -4.11 2.00 1.75-



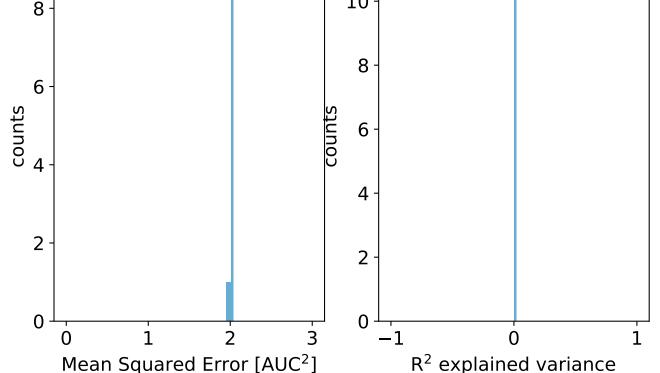
#### learning\_rate = -4.56, reg\_par = -4.56



### learning\_rate = -5.00, reg\_par = -5.00

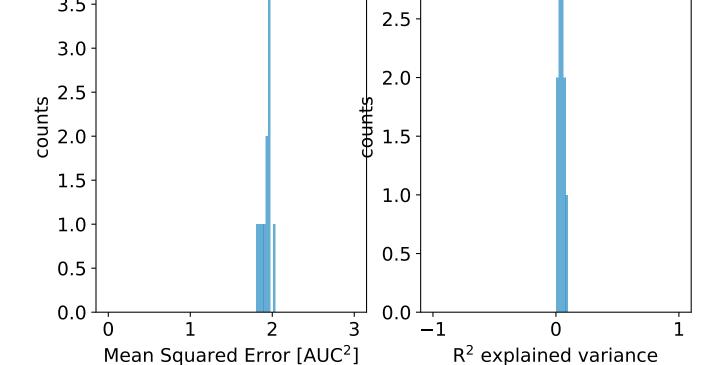


 $learning_rate = -1.00, reg_par = -1.00$ 

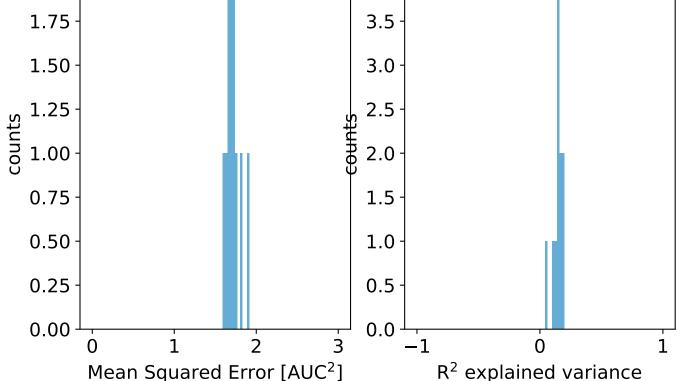


4.0 3.0 3.5 2.5 3.0 2.0

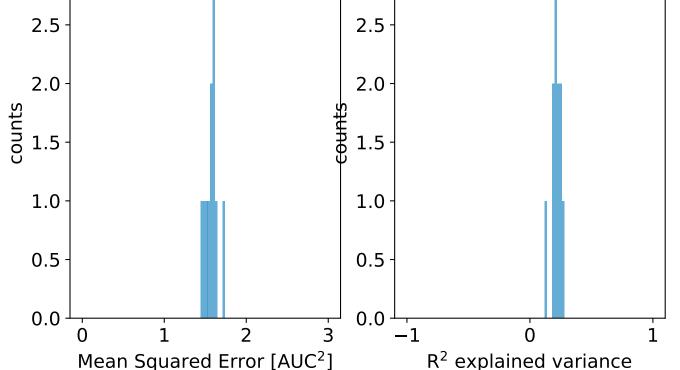
learning\_rate = -1.44, reg\_par = -1.44



 $learning_rate = -1.89$ ,  $reg_par = -1.89$ 2.00 4.0 1.75 3.5 1.50 3.0 1.25

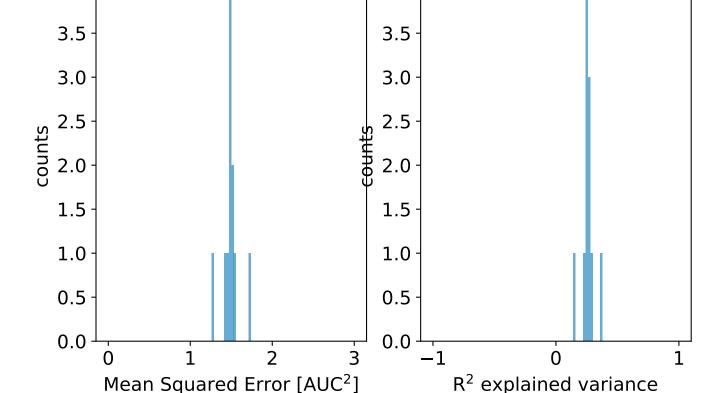


 $learning_rate = -2.33, reg_par = -2.33$ 3.0 3.0 2.5 2.5 2.0 2.0

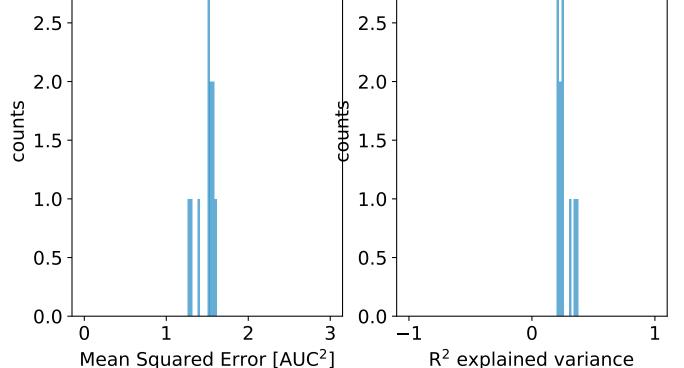


4.0

 $learning_rate = -2.78$ ,  $reg_par = -2.78$ 

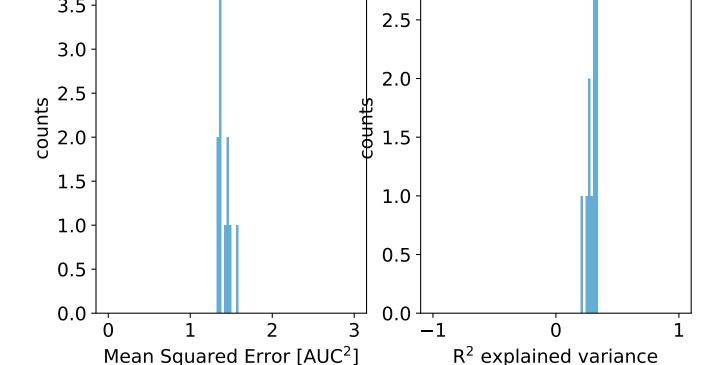


 $learning_rate = -3.22, reg_par = -3.22$ 3.0 3.0 2.5 2.5 2.0 2.0



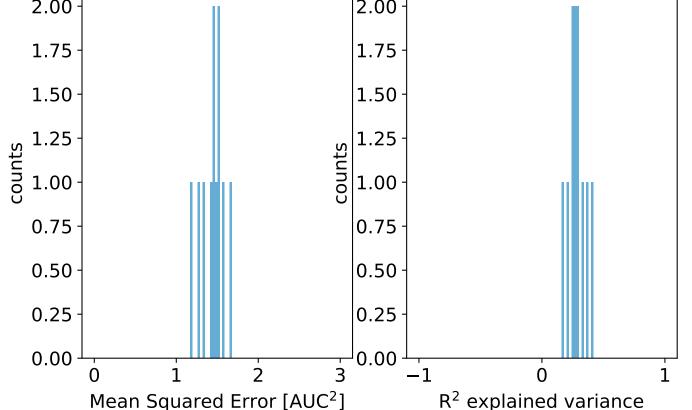
4.0 3.0 3.5 2.5 3.0 2.0

 $learning_rate = -3.67, reg_par = -3.67$ 



R<sup>2</sup> explained variance

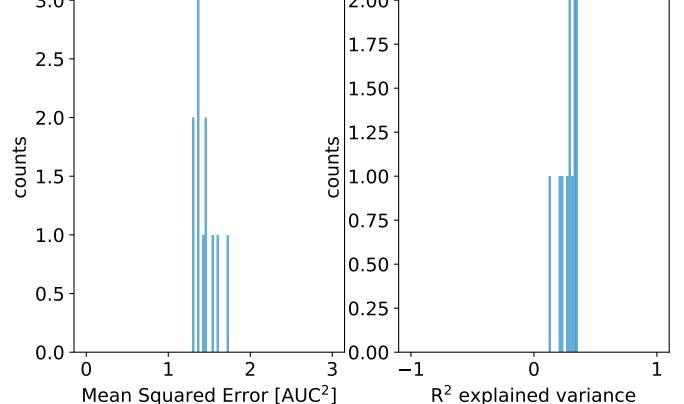
#### learning rate = -4.11, reg par = -4.112.00 2.00



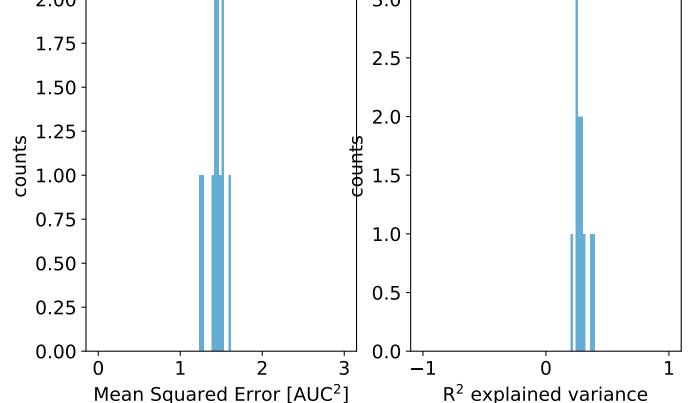
R<sup>2</sup> explained variance

3.0 -

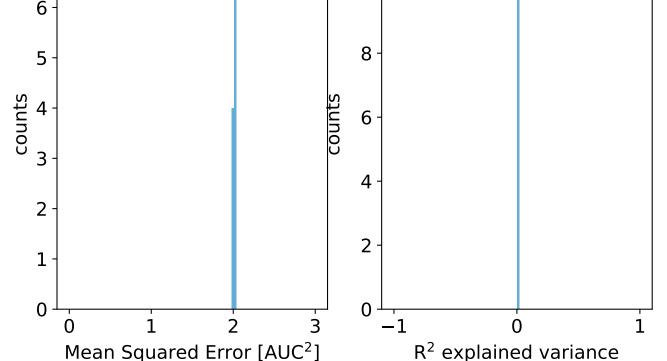
 $learning_rate = -4.56$ ,  $reg_par = -4.56$ 



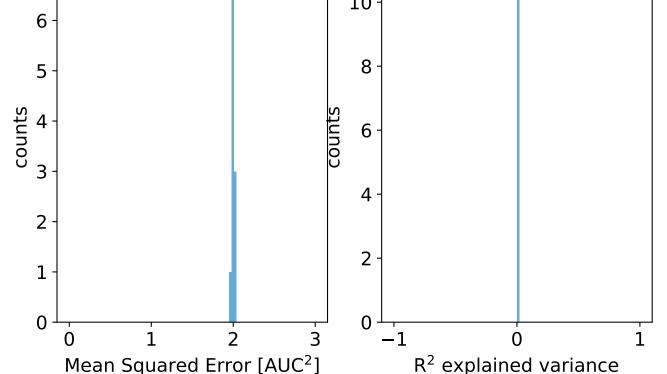
## learning\_rate = -5.00, reg\_par = -5.00



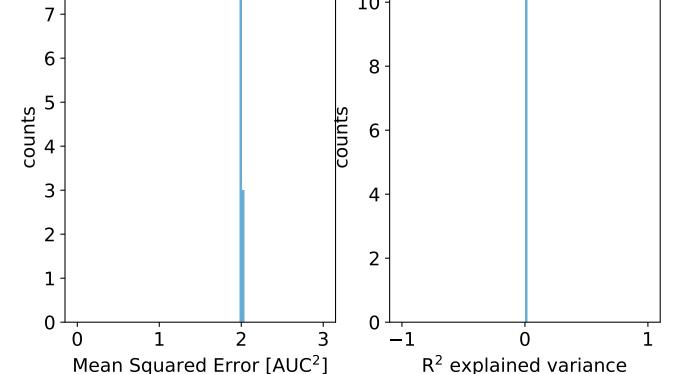
 $learning_rate = -1.00, reg_par = -1.00$ 



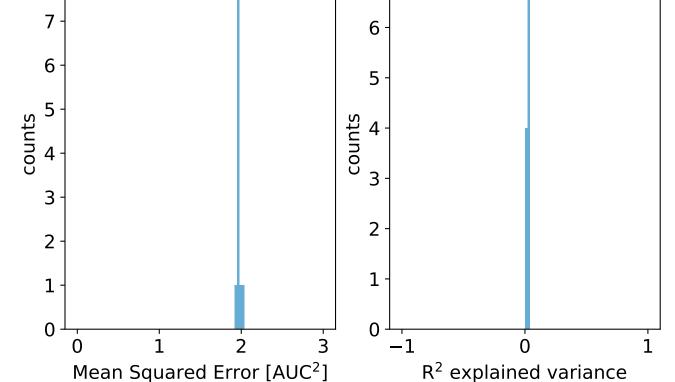
 $learning_rate = -1.44$ ,  $reg_par = -1.44$ 



 $learning_rate = -1.89$ ,  $reg_par = -1.89$ 

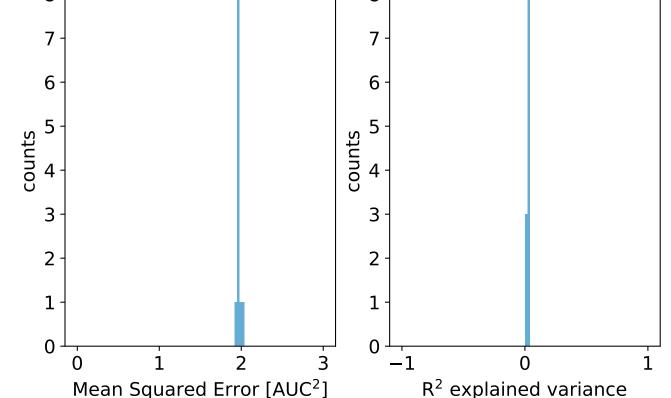


 $learning_rate = -2.33$ ,  $reg_par = -2.33$ 

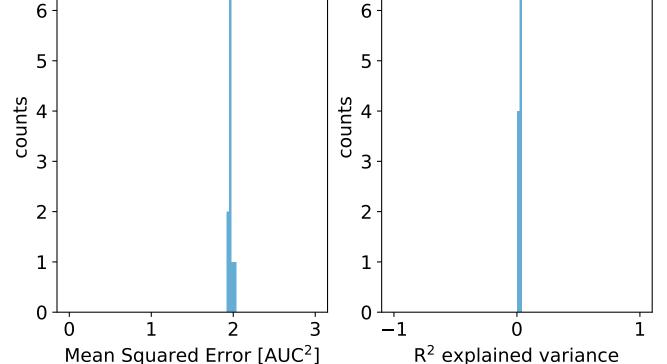


8-

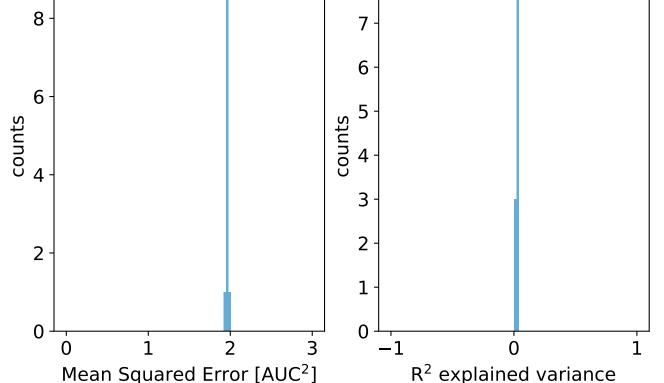
 $learning_rate = -2.78$ ,  $reg_par = -2.78$ 



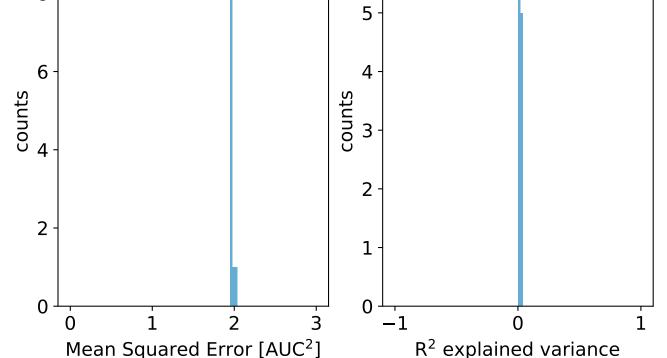
 $learning_rate = -3.22, reg_par = -3.22$ 



 $learning_rate = -3.67, reg_par = -3.67$ 

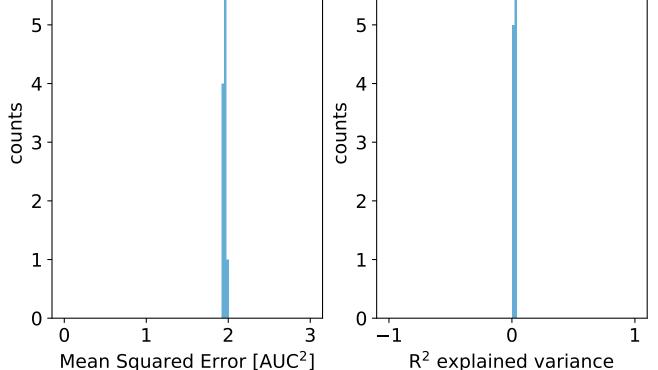


learning\_rate = -4.11, reg\_par = -4.11 6 -8 5 6



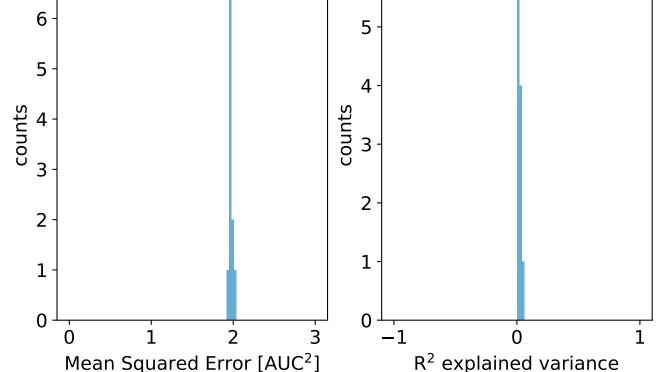
6 6 -5 5

 $learning_rate = -4.56$ ,  $reg_par = -4.56$ 



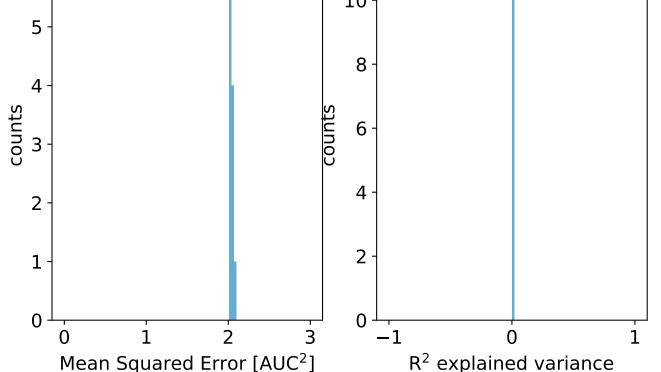
6 -6 5 5

 $learning_rate = -5.00, reg_par = -5.00$ 



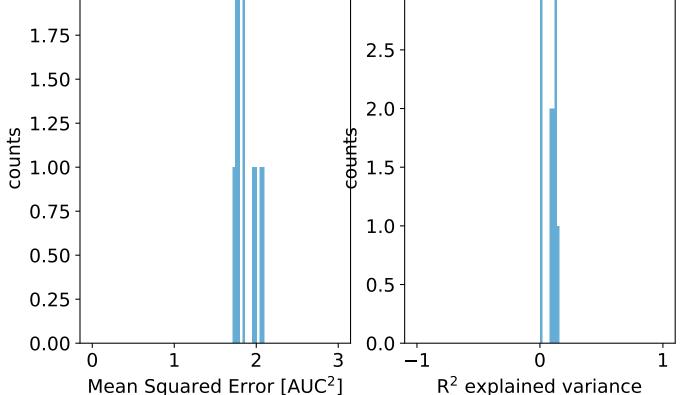
R<sup>2</sup> explained variance

 $learning_rate = -1.00, reg_par = -1.00$ 



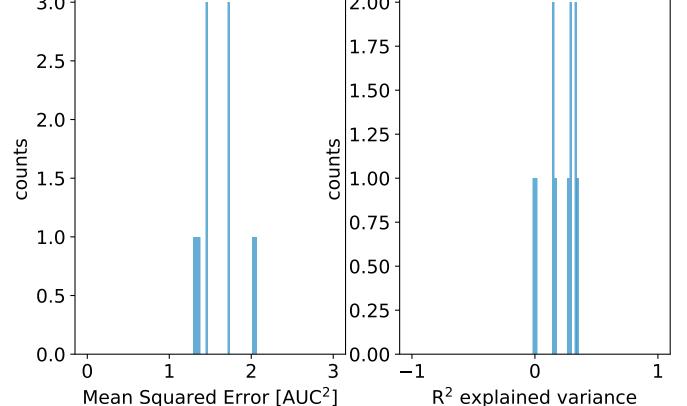
2.00

 $learning_rate = -1.44$ ,  $reg_par = -1.44$ 

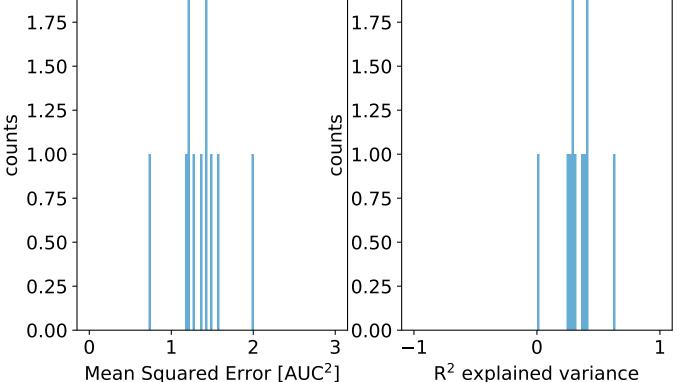


3.0-

 $learning_rate = -1.89$ ,  $reg_par = -1.89$ 

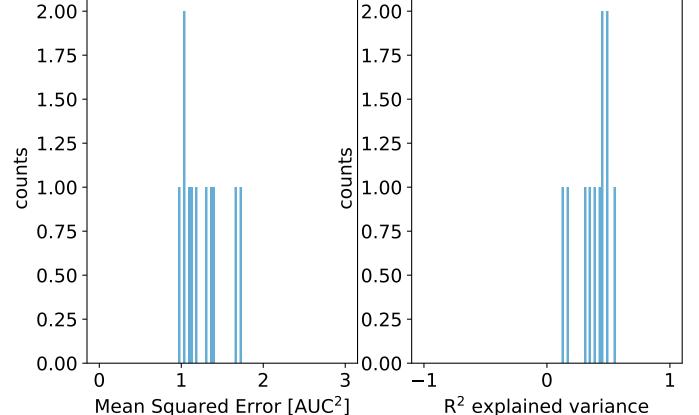


learning rate = -2.33, reg par = -2.332.00 2.00 1.75 1.75



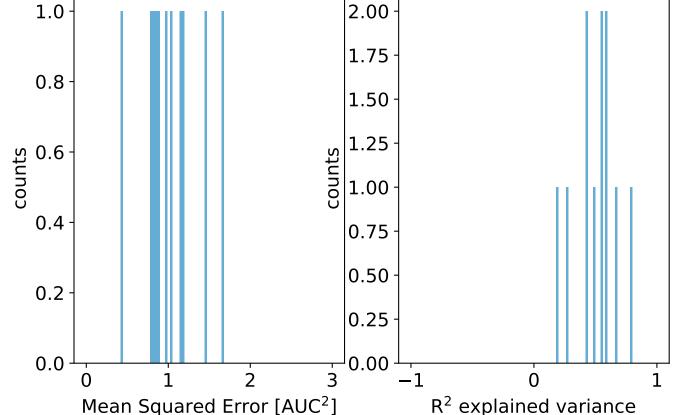
R<sup>2</sup> explained variance

learning\_rate = -2.78, reg\_par = -2.78



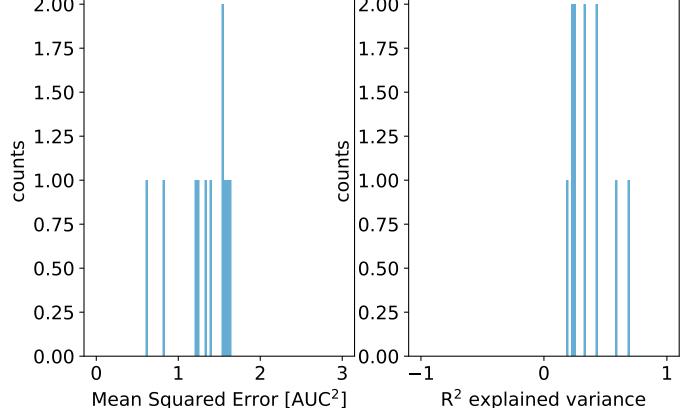
2.00

 $learning_rate = -3.22, reg_par = -3.22$ 

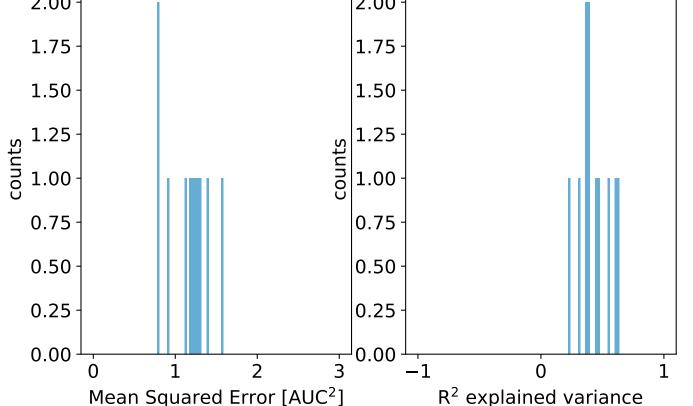


### 2.00

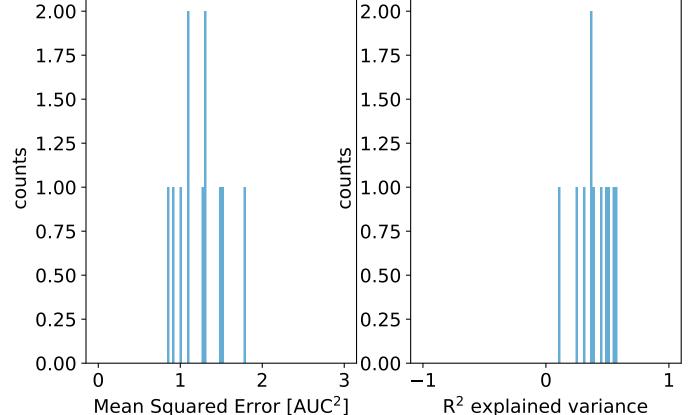
learning rate = -3.67, reg par = -3.67



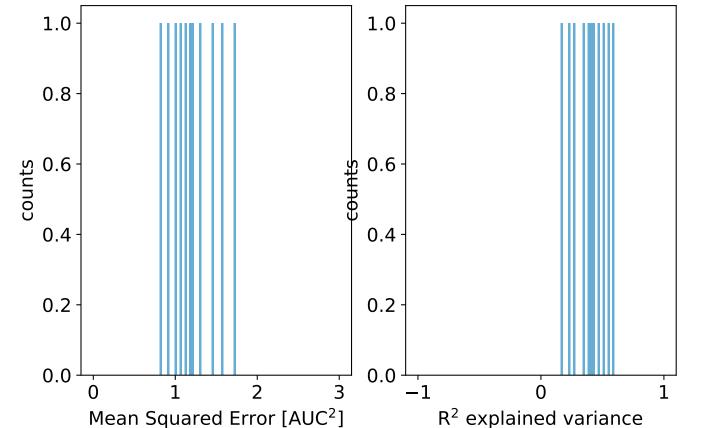
## learning\_rate = -4.11, reg\_par = -4.11 2.00 1.75



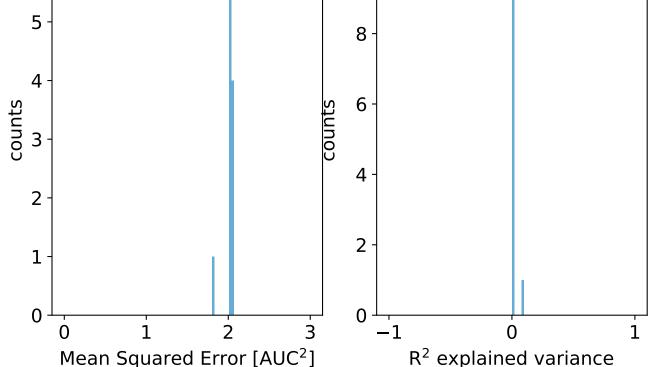
## learning\_rate = -4.56, reg\_par = -4.56



#### learning\_rate = -5.00, reg\_par = -5.00

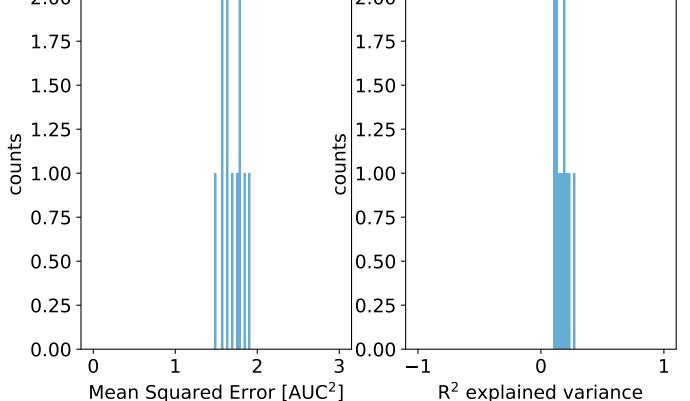


 $learning_rate = -1.00, reg_par = -1.00$ 



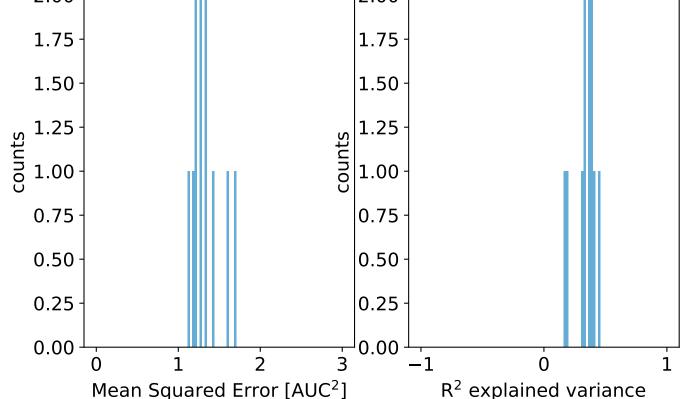
2.00

 $learning_rate = -1.44$ , reg par = -1.44



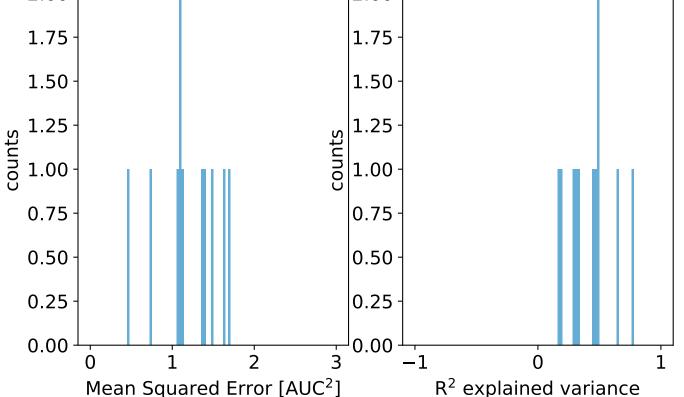
2.00

learning rate = -1.89, reg par = -1.89

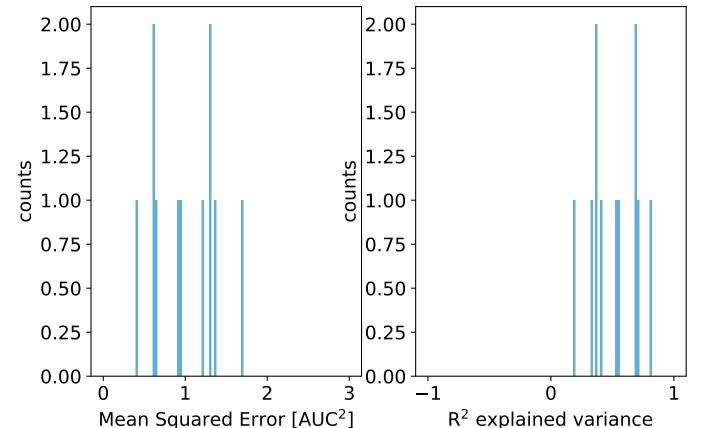


2.00 -

learning rate = -2.33, reg par = -2.33

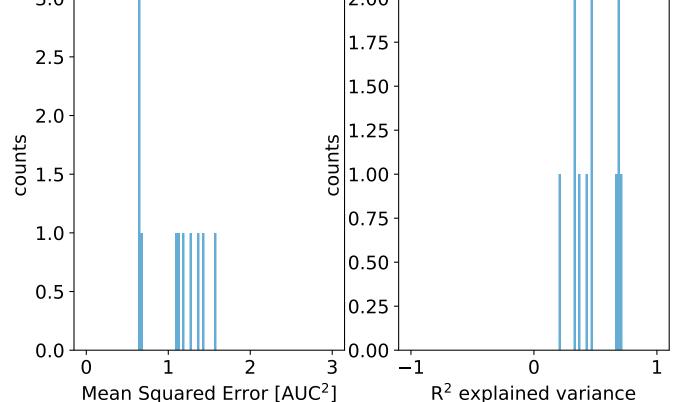


learning\_rate = -2.78, reg\_par = -2.78

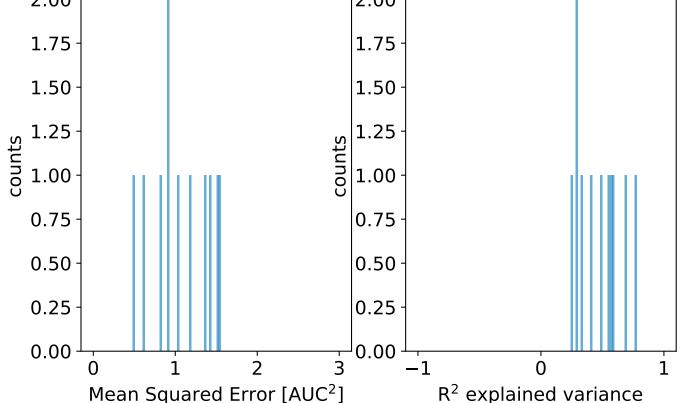


3.0 -

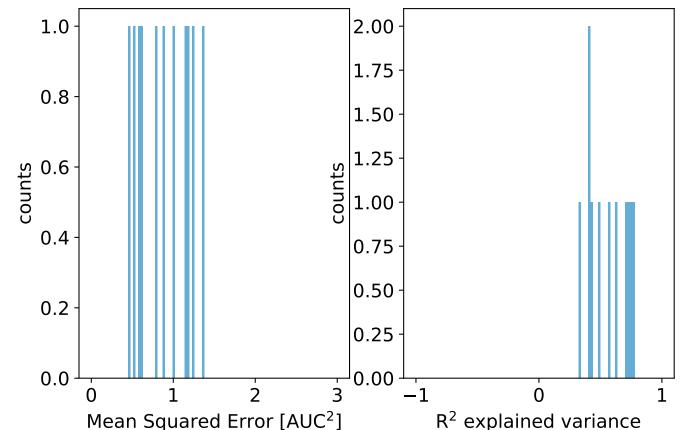
 $learning_rate = -3.22, reg_par = -3.22$ 



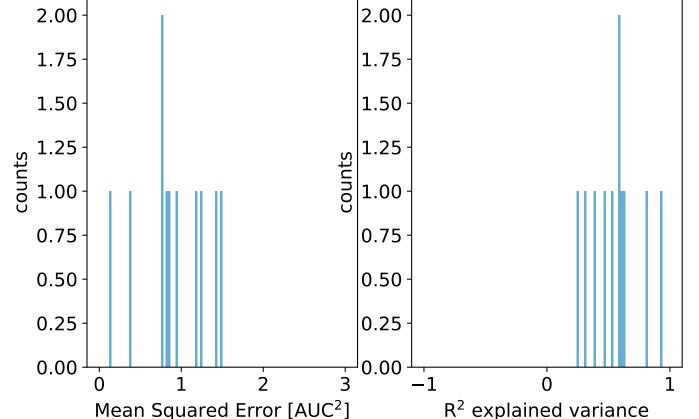
# learning\_rate = -3.67, reg\_par = -3.67



#### learning\_rate = -4.11, reg\_par = -4.11

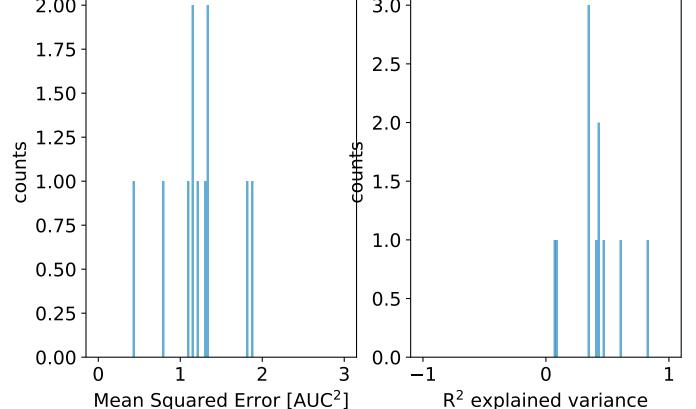


## learning\_rate = -4.56, reg\_par = -4.56



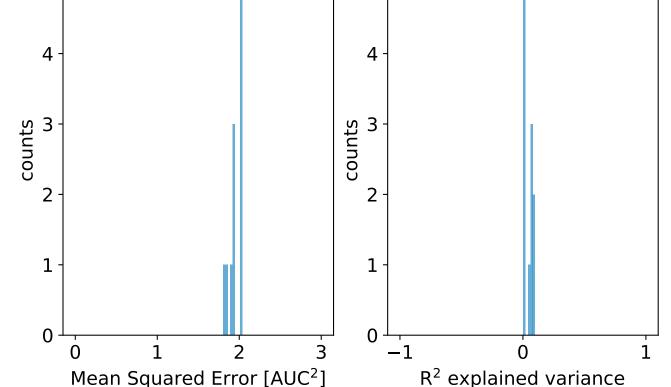
## 2.00

 $learning_rate = -5.00, reg_par = -5.00$ 

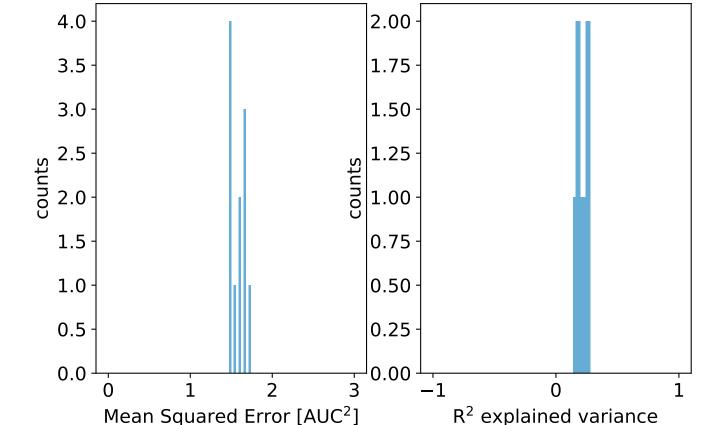


5 5 4 -

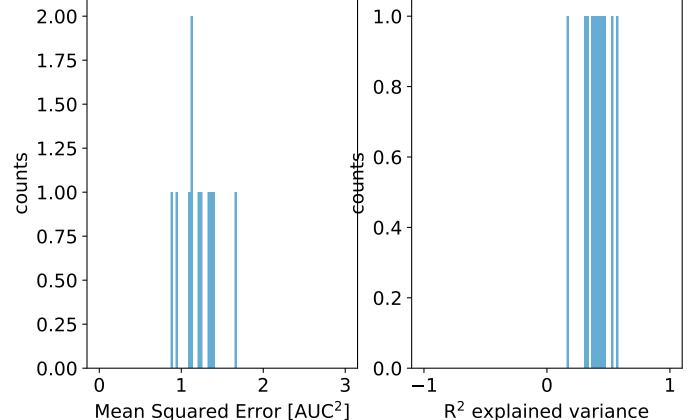
 $learning_rate = -1.00, reg_par = -1.00$ 



learning\_rate = -1.44, reg\_par = -1.44

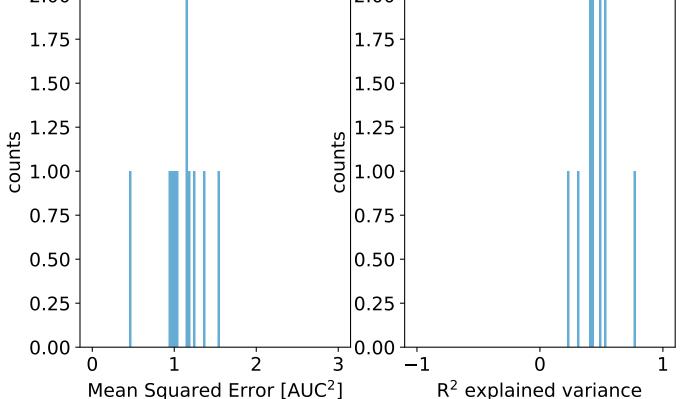


learning\_rate = -1.89, reg\_par = -1.89

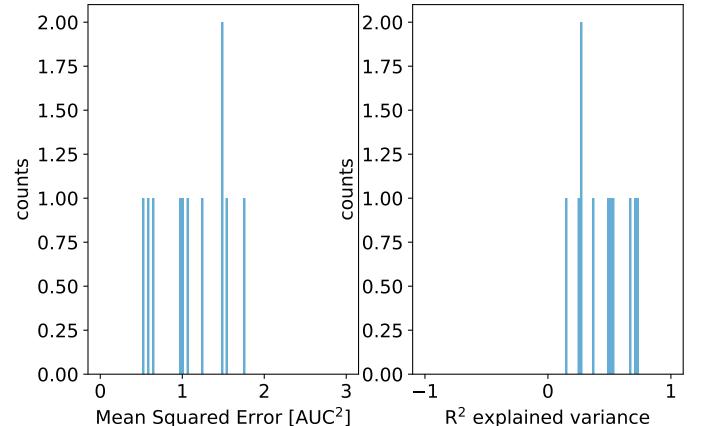


2.00

learning rate = -2.33, reg par = -2.33

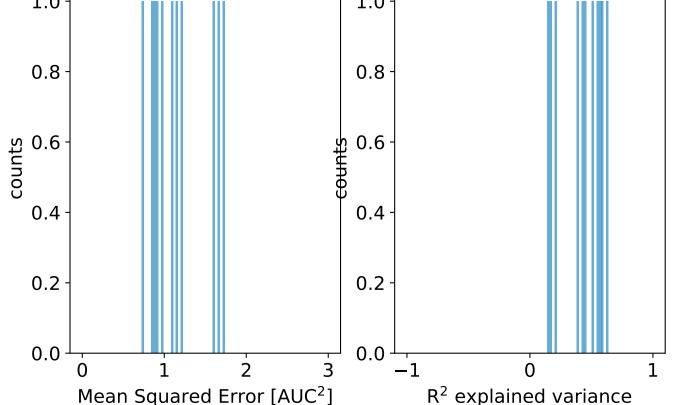


#### learning\_rate = -2.78, reg\_par = -2.78

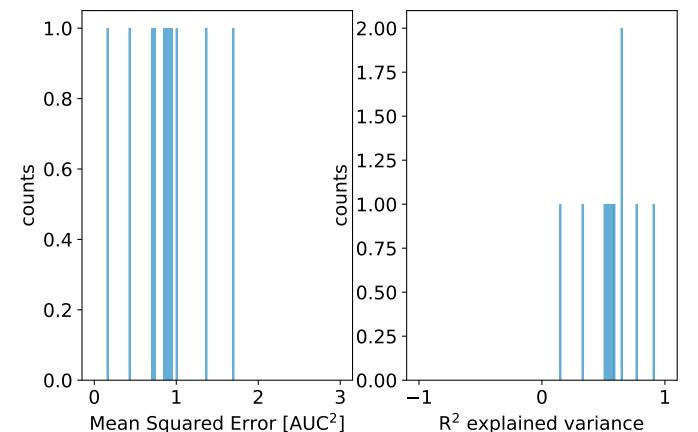


1.0

 $learning_rate = -3.22, reg_par = -3.22$ 

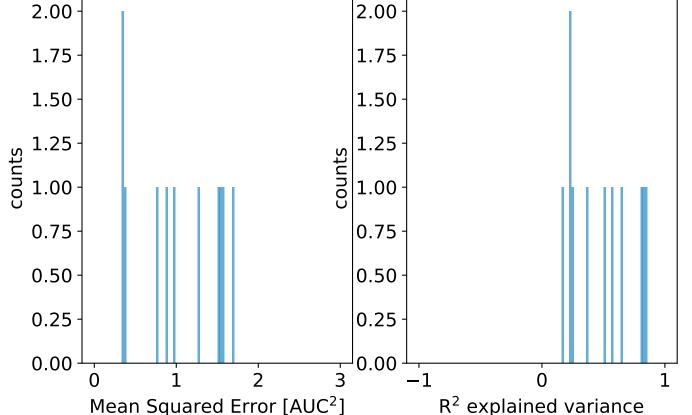


#### learning\_rate = -3.67, reg\_par = -3.67

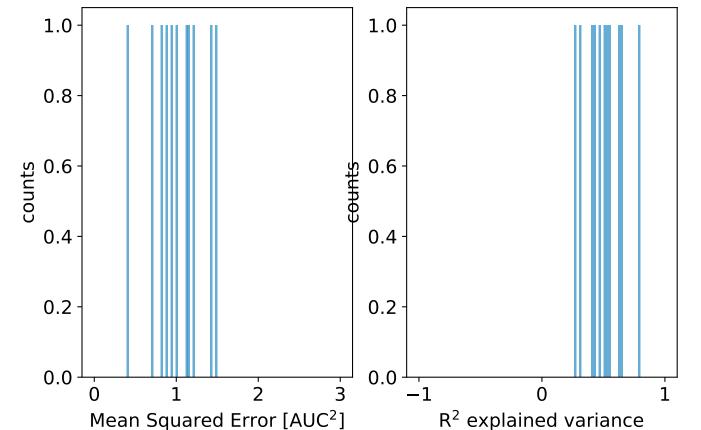


### 0-

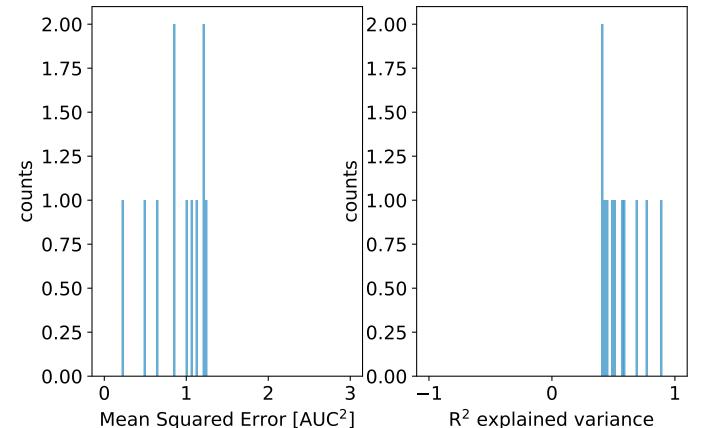
learning rate = -4.11, reg par = -4.11



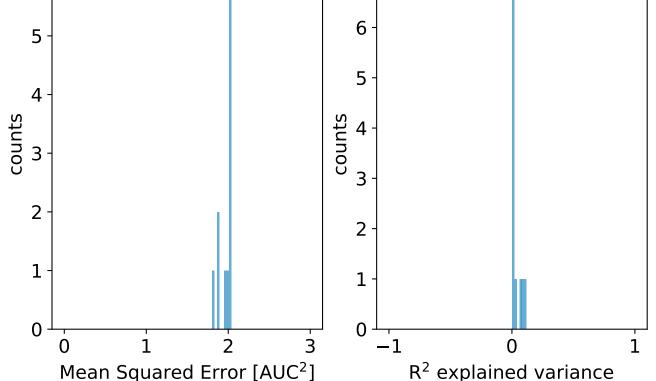
#### learning\_rate = -4.56, reg\_par = -4.56



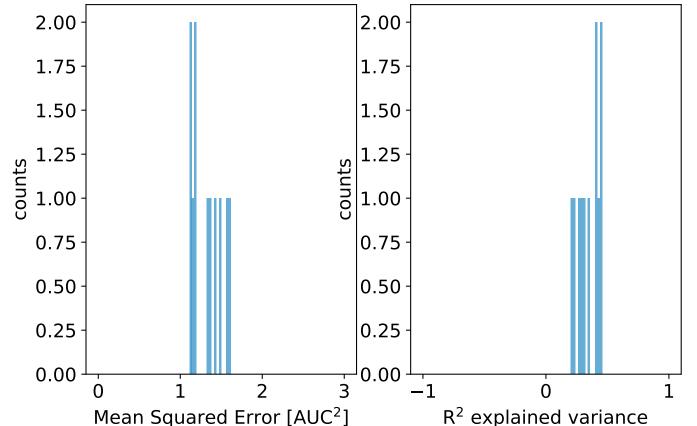
#### learning\_rate = -5.00, reg\_par = -5.00



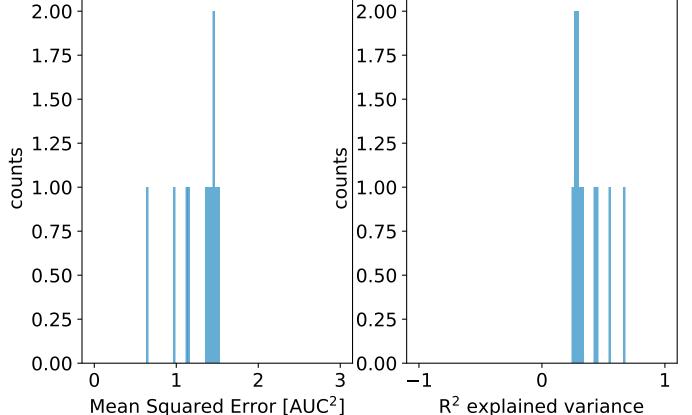
 $learning_rate = -1.00, reg_par = -1.00$ 

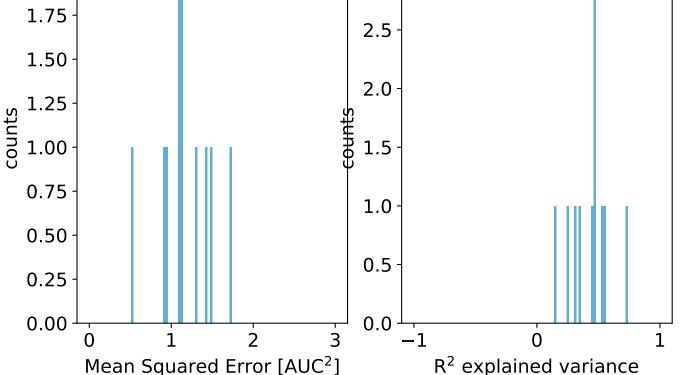


learning\_rate = -1.44, reg\_par = -1.44

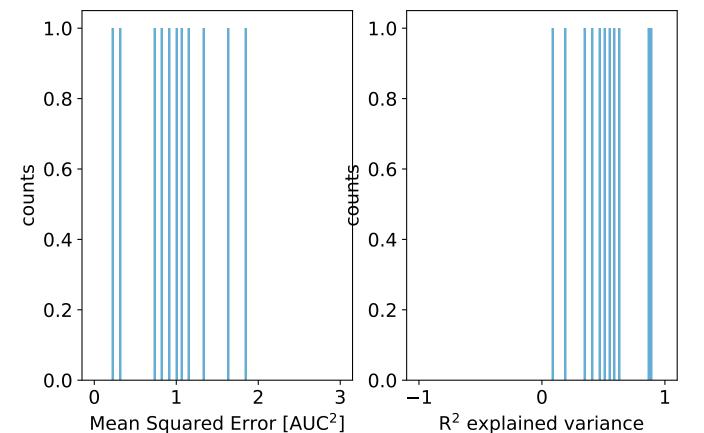


learning\_rate = -1.89, reg\_par = -1.89



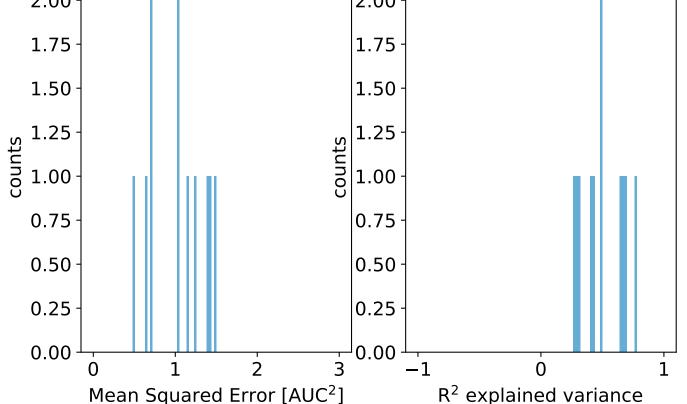


#### learning\_rate = -2.78, reg\_par = -2.78

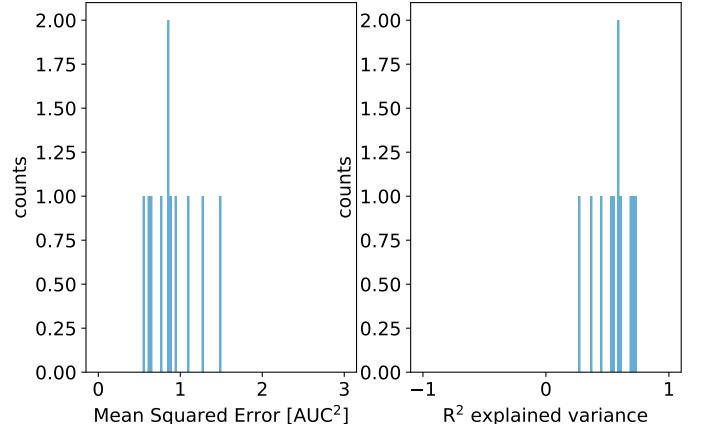


2.00 -

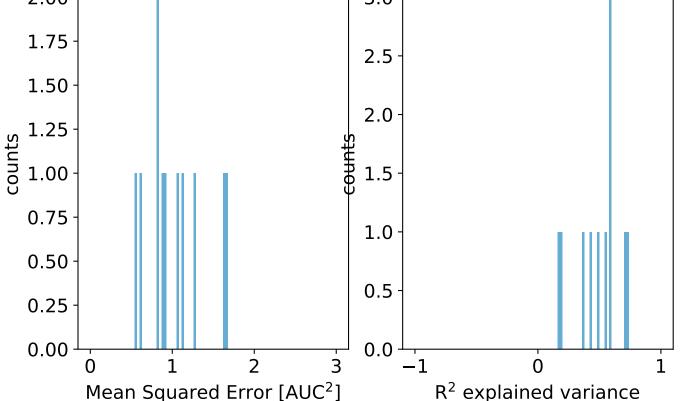
learning rate = -3.22, reg par = -3.22



### learning\_rate = -3.67, reg\_par = -3.67

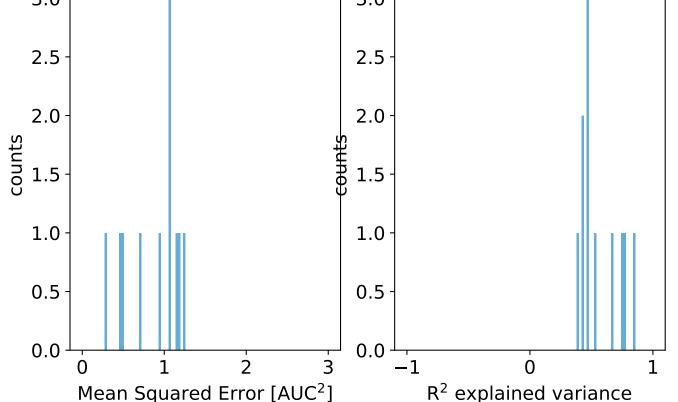


# learning\_rate = -4.11, reg\_par = -4.11 2.00 3.0-



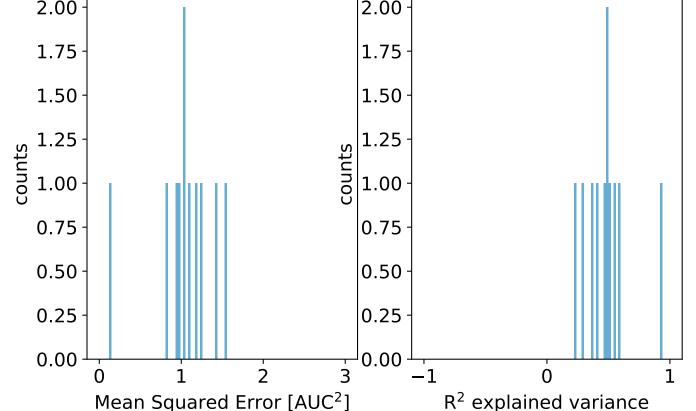
## 3.0

 $learning_rate = -4.56$ ,  $reg_par = -4.56$ 



#### 2.00 2.00

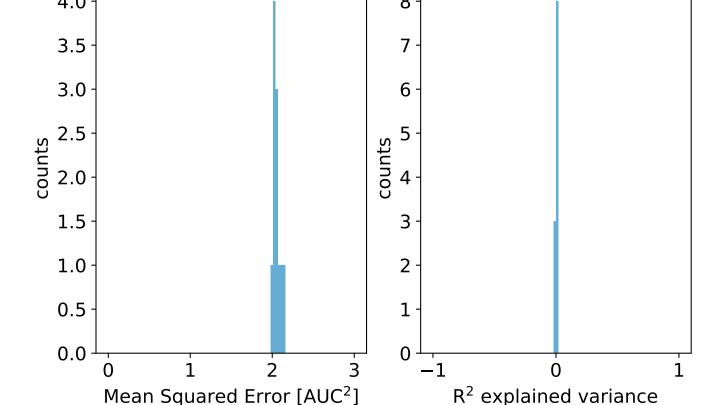
learning rate = -5.00, reg par = -5.00



R<sup>2</sup> explained variance

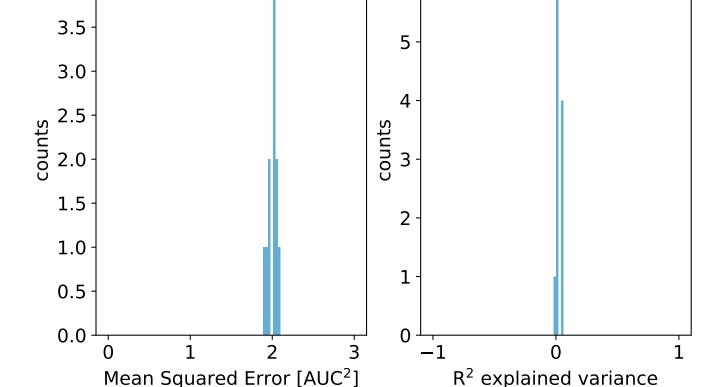
## 4.0 -

 $learning_rate = -1.00, reg_par = -1.00$ 



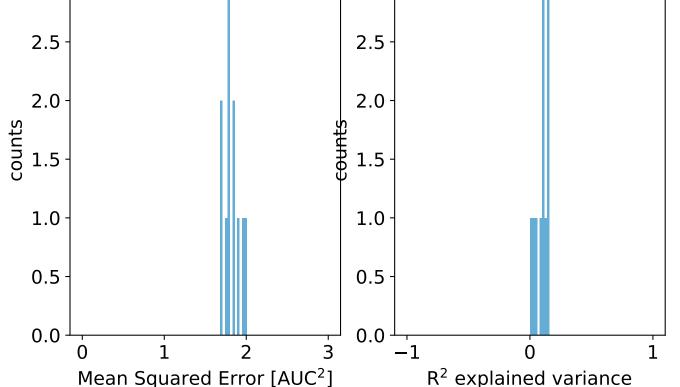
4.0

 $learning_rate = -1.44$ ,  $reg_par = -1.44$ 

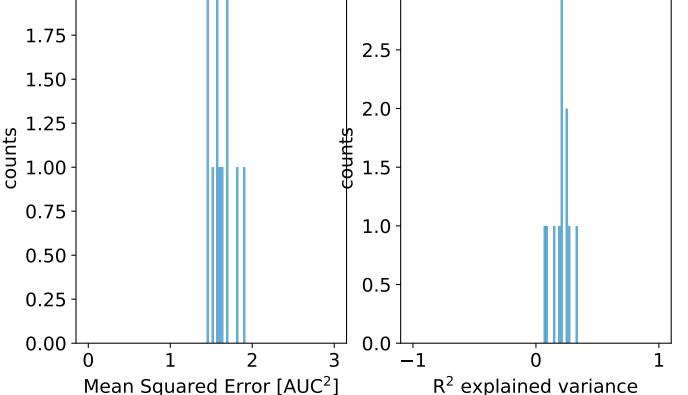


3.0 3.0 2.5 2.5

 $learning_rate = -1.89$ ,  $reg_par = -1.89$ 

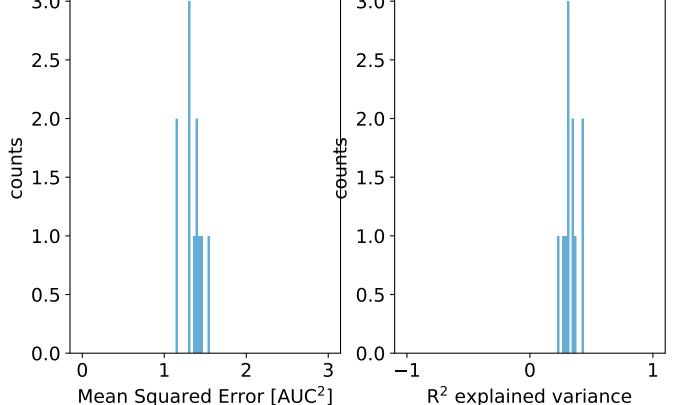


 $learning_rate = -2.33, reg_par = -2.33$ 2.00 3.0 1.75 2.5 1.50 2.0 1.25



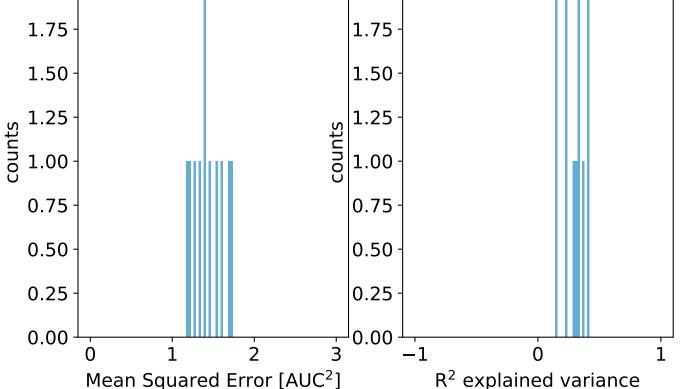
3.0

learning rate = -2.78, reg par = -2.78

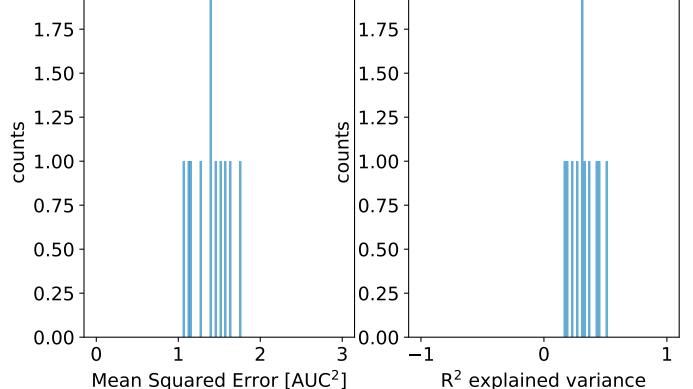


2.00 -1.75 -2.00 -1.75 -

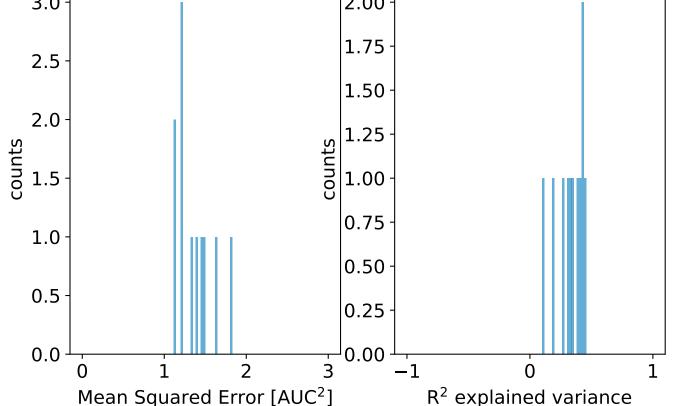
learning rate = -3.22, reg par = -3.22



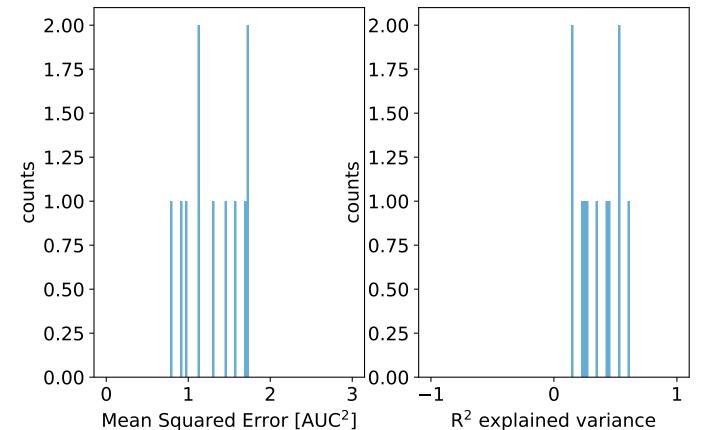
learning\_rate = -3.67, reg\_par = -3.67



# learning\_rate = -4.11, reg\_par = -4.11 3.0 2.00-

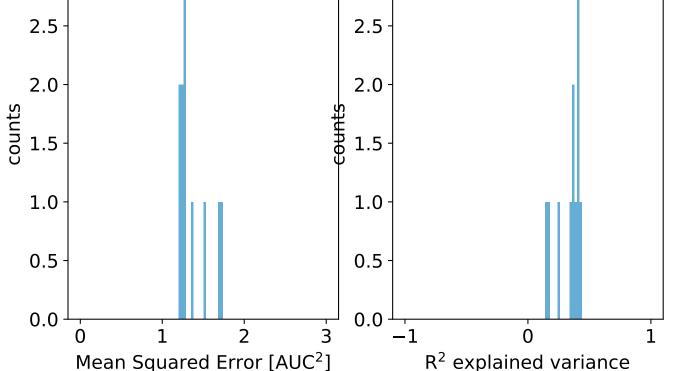


### learning\_rate = -4.56, reg\_par = -4.56



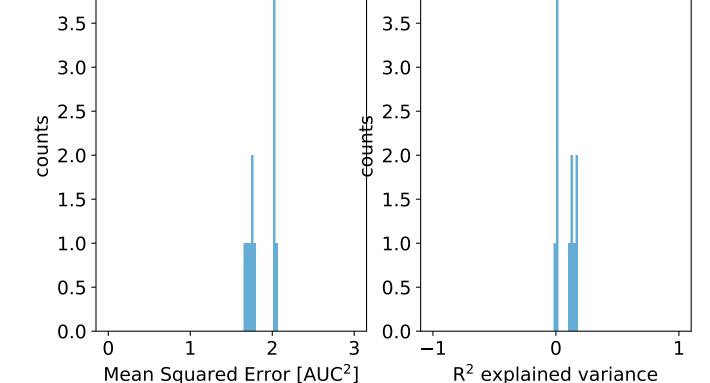
3.0 3.0 2.5 2.5 2.0 2.0

 $learning_rate = -5.00, reg_par = -5.00$ 



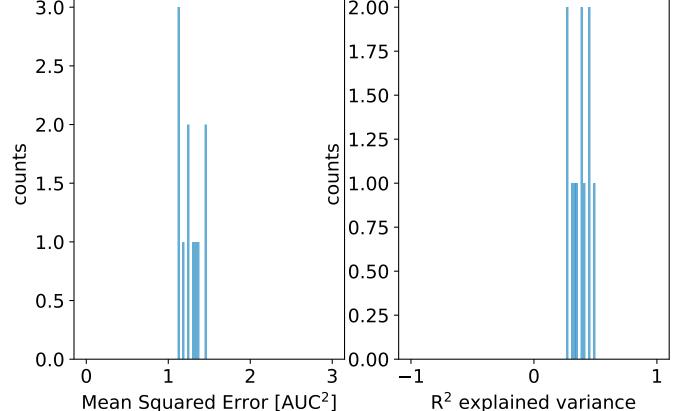
#### 4.0 4.0 3.5 3.5 3.0 3.0

 $learning_rate = -1.00, reg_par = -1.00$ 

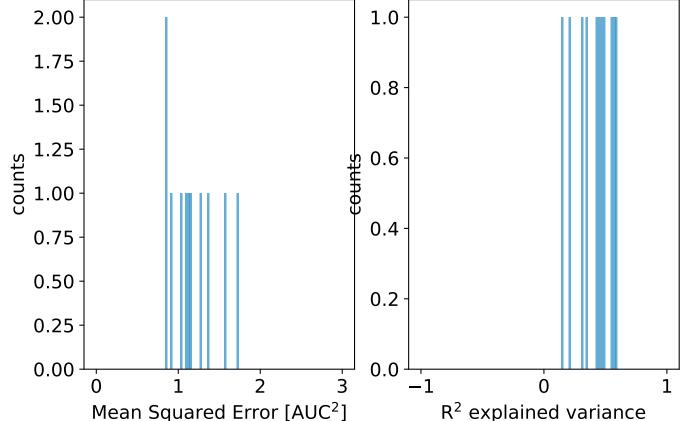


3.0 -

 $learning_rate = -1.44$ ,  $reg_par = -1.44$ 

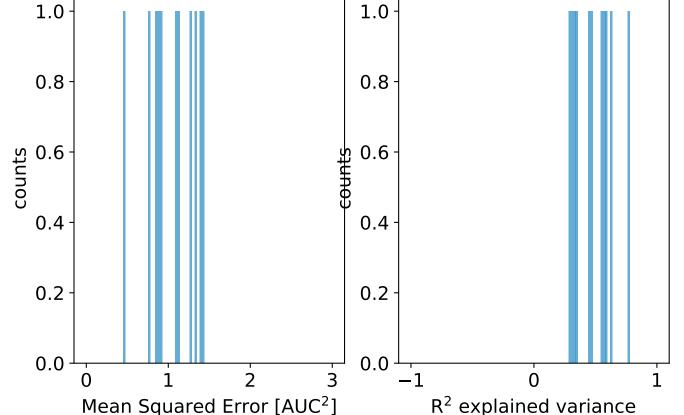


### learning\_rate = -1.89, reg\_par = -1.89

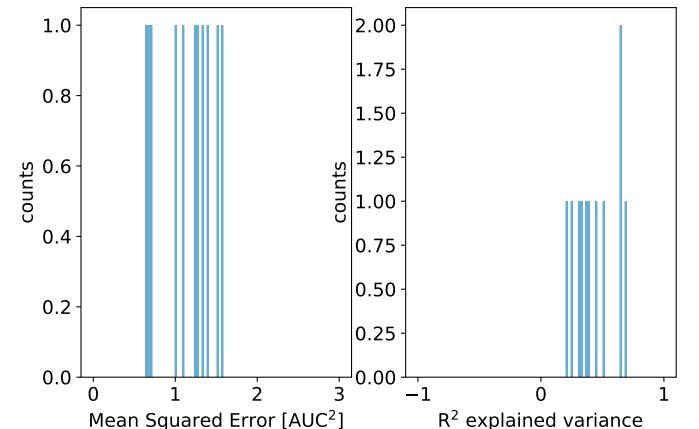


1.0

 $learning_rate = -2.33, reg_par = -2.33$ 

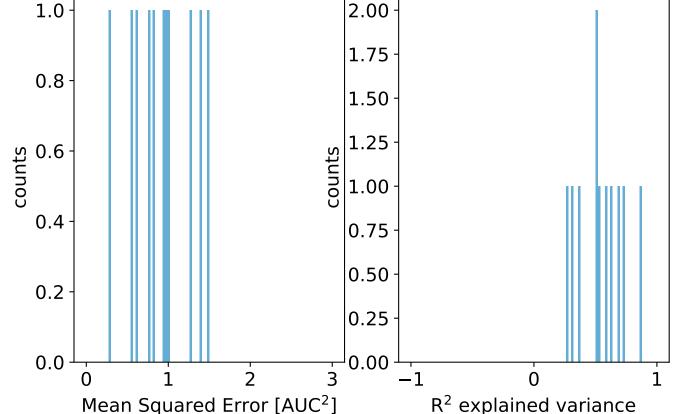


### learning\_rate = -2.78, reg\_par = -2.78

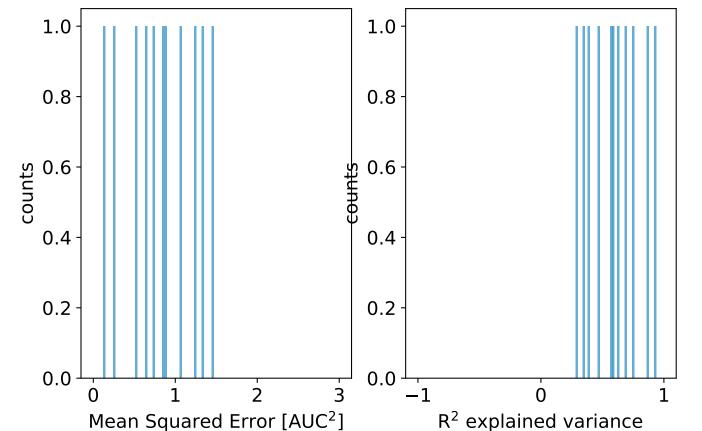


2 00

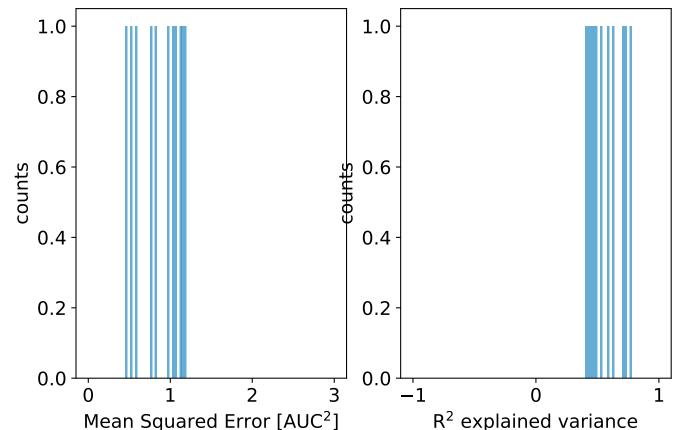
 $learning_rate = -3.22, reg_par = -3.22$ 



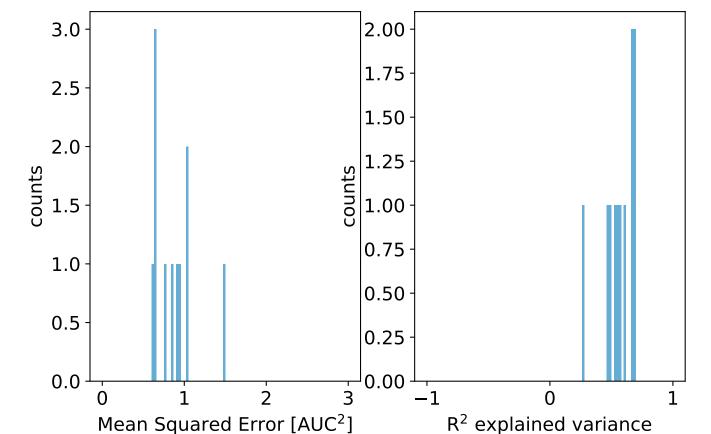
#### learning\_rate = -3.67, reg\_par = -3.67



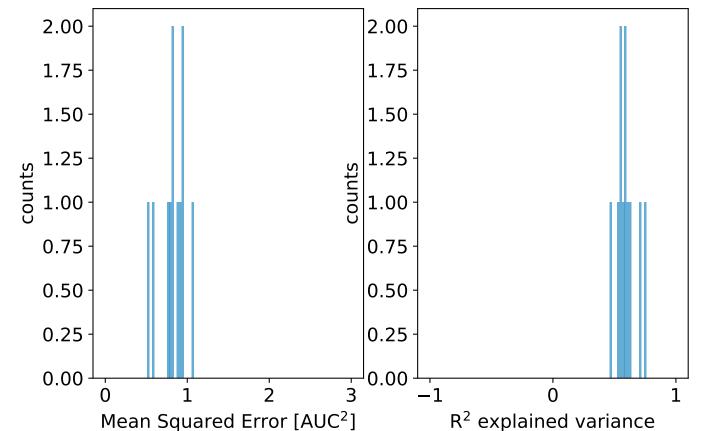
#### learning\_rate = -4.11, reg\_par = -4.11



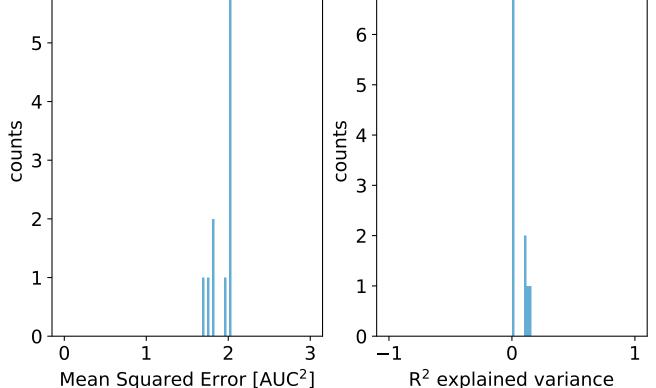
#### learning\_rate = -4.56, reg\_par = -4.56



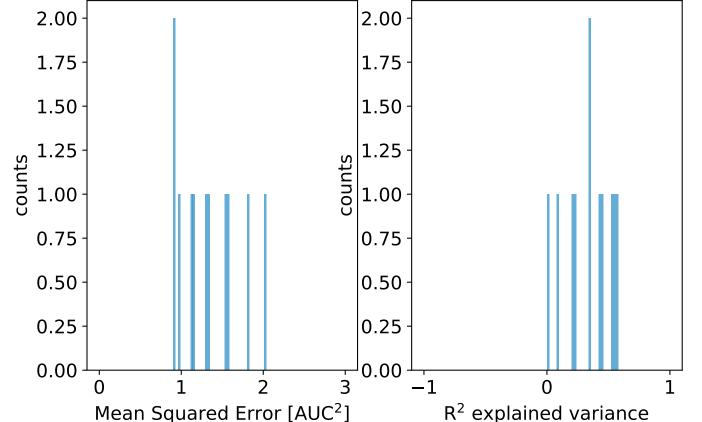
#### learning\_rate = -5.00, reg\_par = -5.00



 $learning_rate = -1.00, reg_par = -1.00$ 

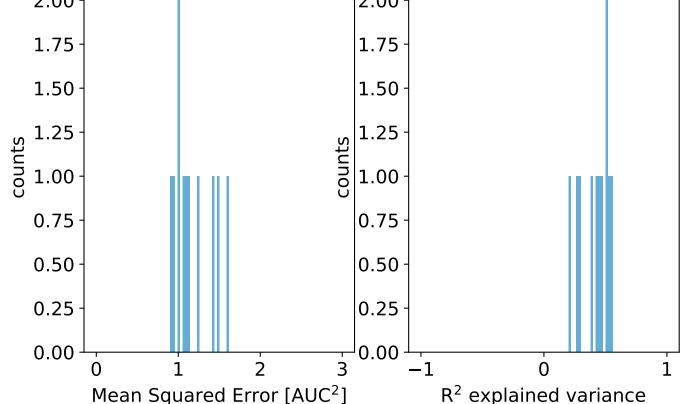


learning\_rate = -1.44, reg\_par = -1.44



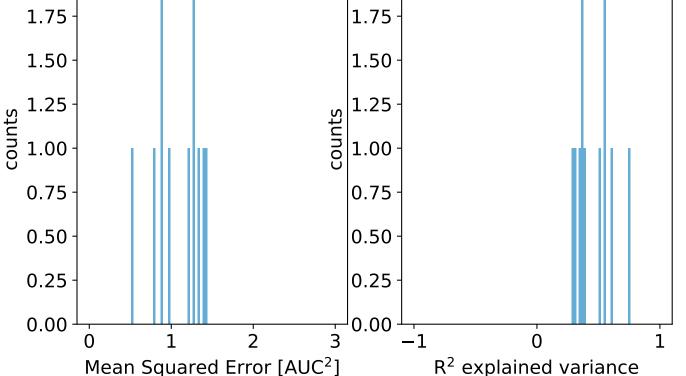
learning\_rate = -1.89, reg\_par = -1.89

2.00-



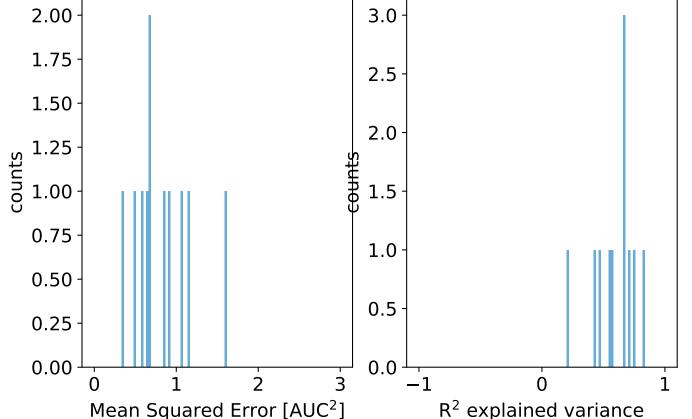
2.00 2.00 1.75 1.75 1.50 1.50

learning rate = -2.33, reg par = -2.33



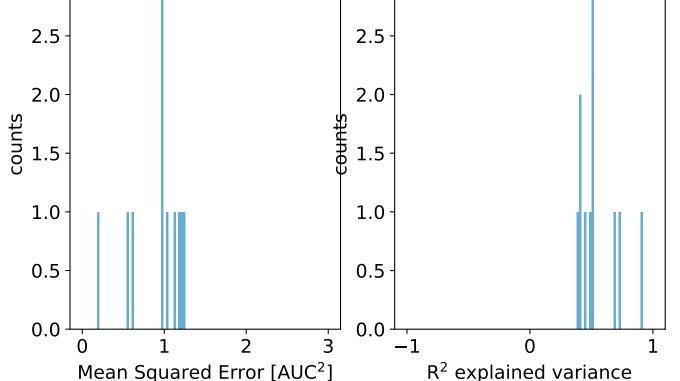
R<sup>2</sup> explained variance

## learning\_rate = -2.78, reg\_par = -2.78

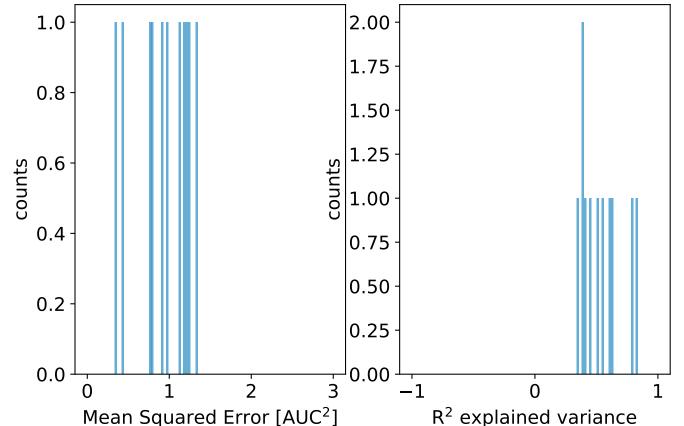


3.0 3.0 2.5 2.5 2.0 2.0

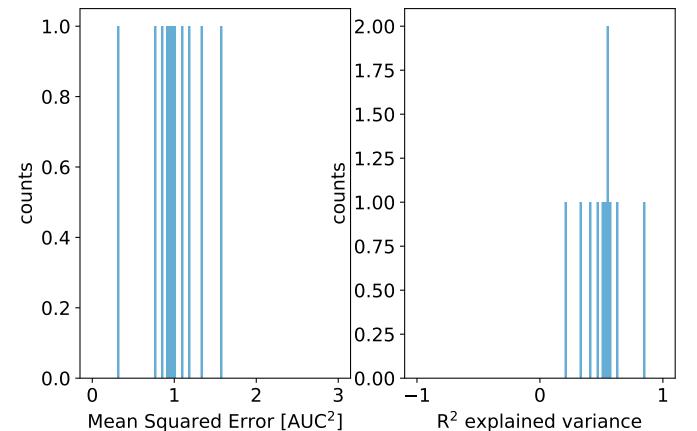
learning rate = -3.22, reg par = -3.22



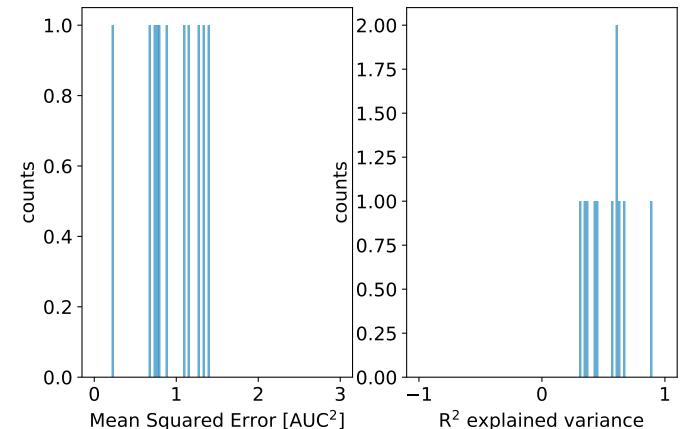
learning\_rate = -3.67, reg\_par = -3.67



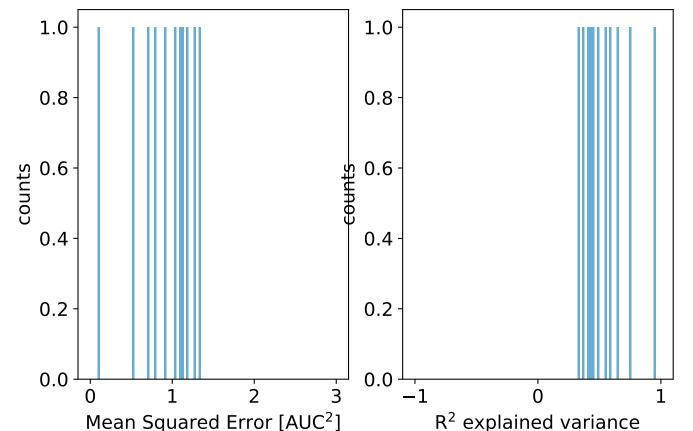
#### learning\_rate = -4.11, reg\_par = -4.11



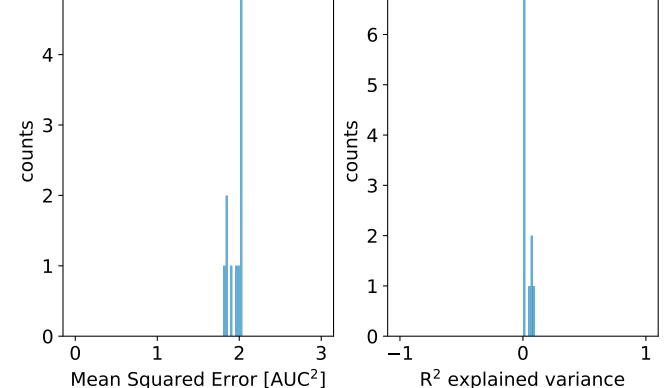
#### learning\_rate = -4.56, reg\_par = -4.56



#### learning\_rate = -5.00, reg\_par = -5.00

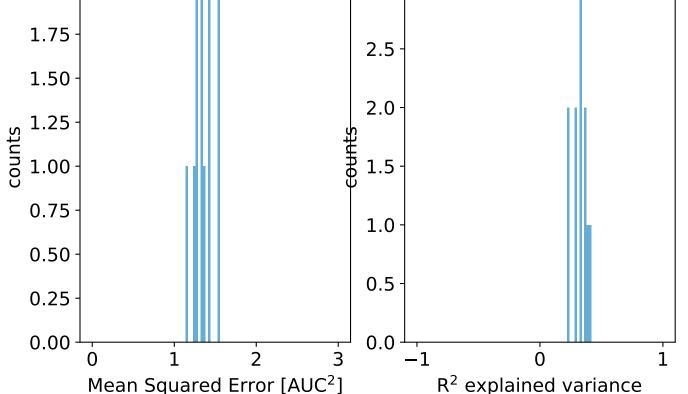


 $learning_rate = -1.00, reg_par = -1.00$ 

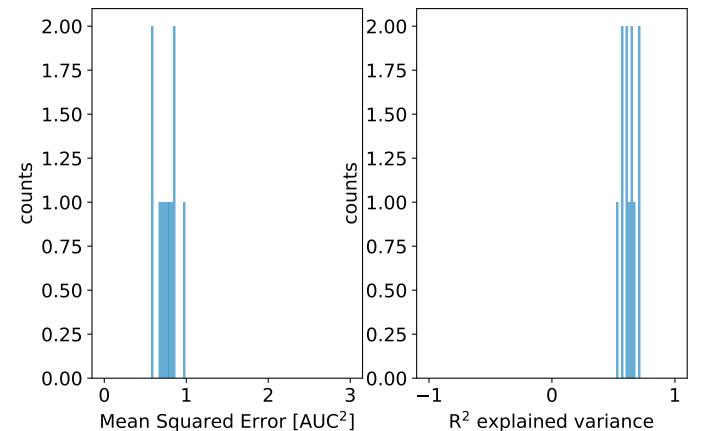


learning\_rate = -1.44, reg\_par = -1.44

2.00 - 3.0 - 3

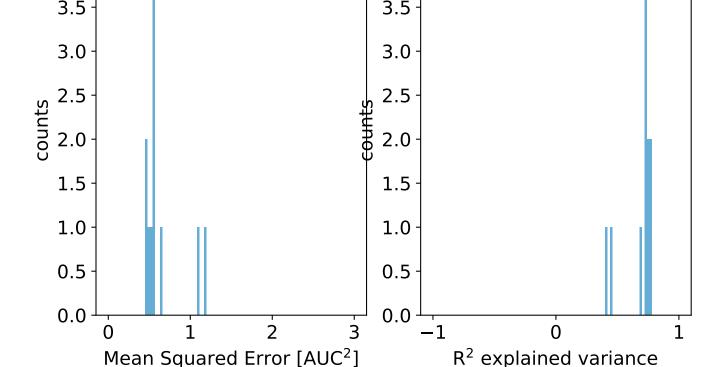


#### learning\_rate = -1.89, reg\_par = -1.89

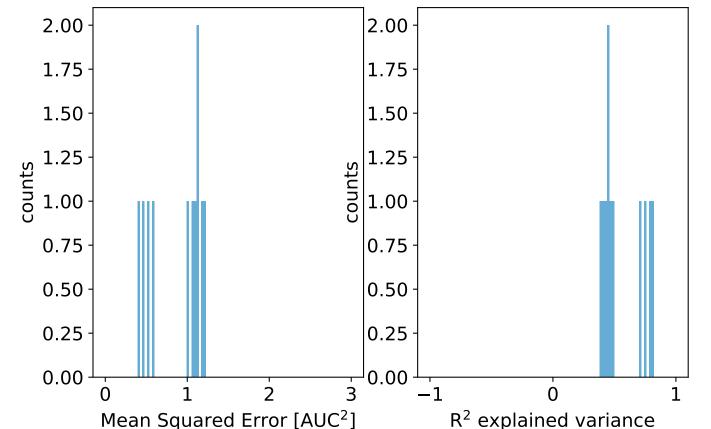


4.0 4.0 3.5 3.5 3.0 3.0

learning rate = -2.33, reg par = -2.33

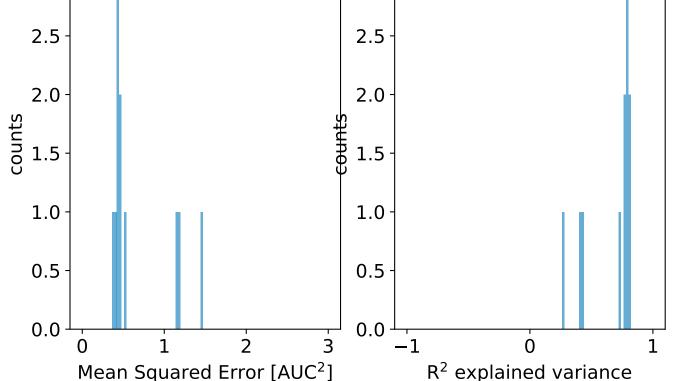


#### learning\_rate = -2.78, reg\_par = -2.78

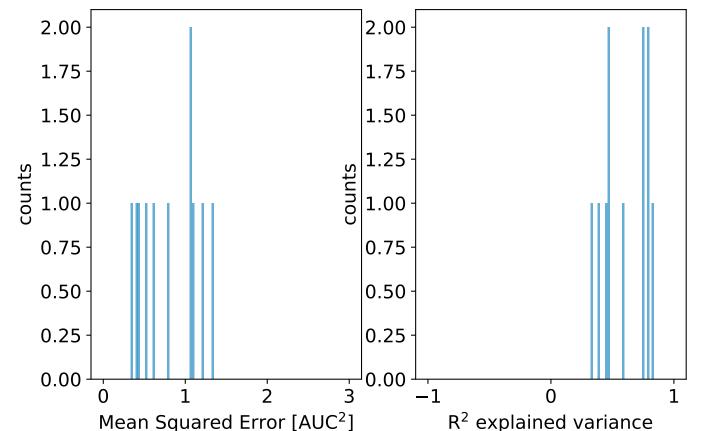


3.0 3.0 2.5 2.5 2.0 2.0

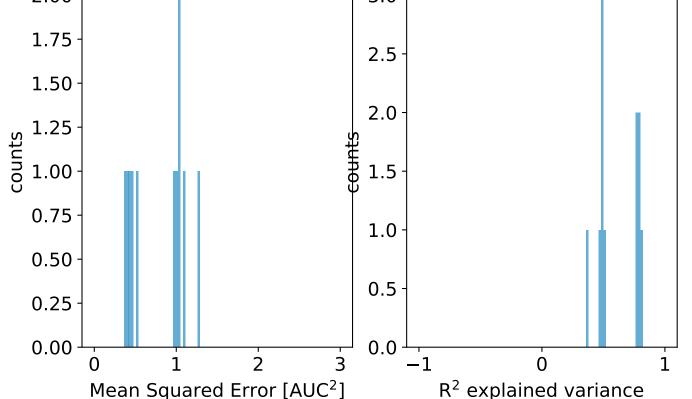
 $learning_rate = -3.22, reg_par = -3.22$ 



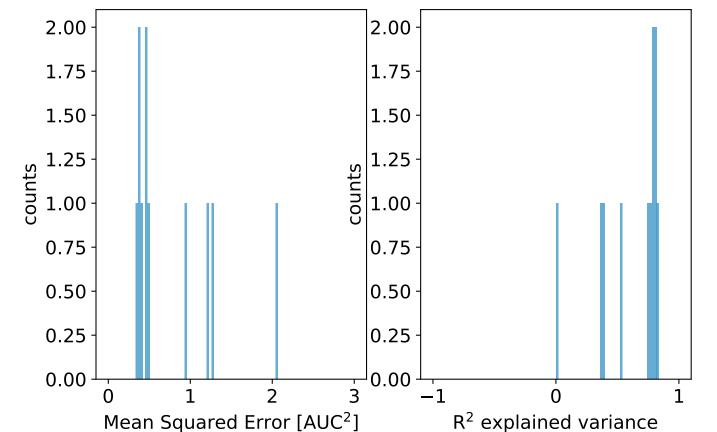
#### learning\_rate = -3.67, reg\_par = -3.67



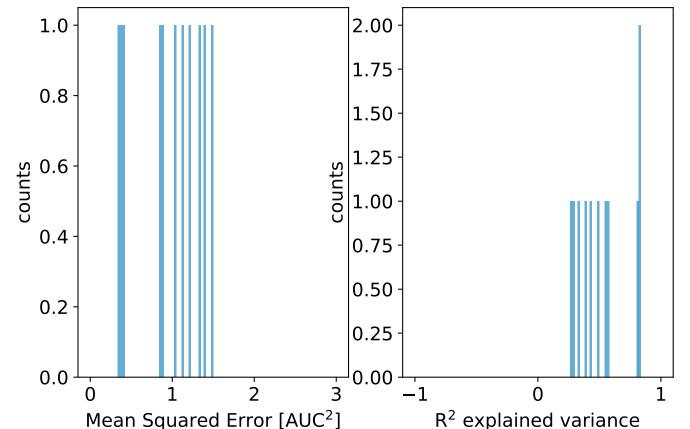
# learning\_rate = -4.11, reg\_par = -4.11 2.00 1.75-



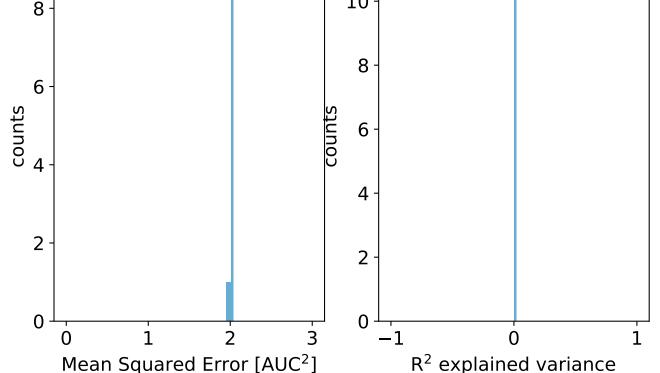
#### learning\_rate = -4.56, reg\_par = -4.56



### learning\_rate = -5.00, reg\_par = -5.00

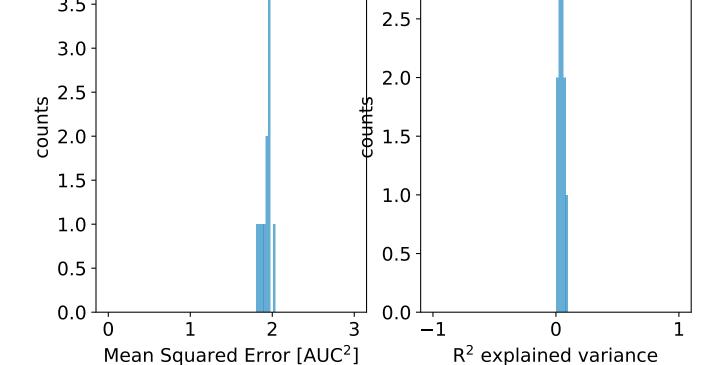


 $learning_rate = -1.00, reg_par = -1.00$ 

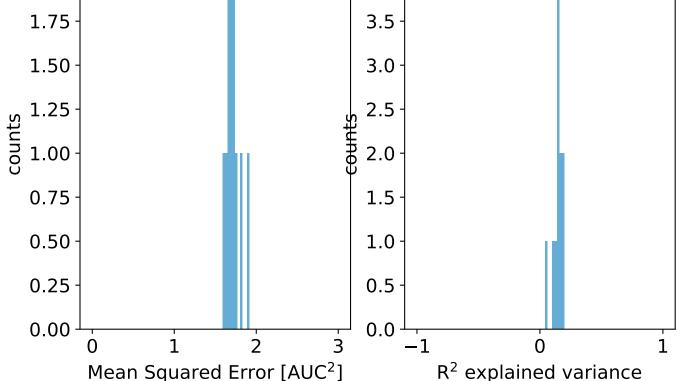


4.0 3.0 3.5 2.5 3.0 2.0

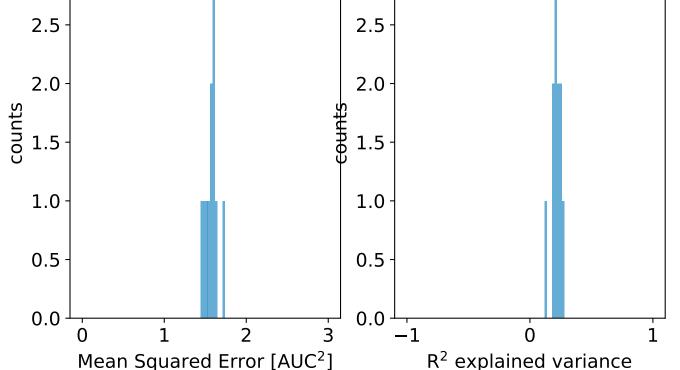
learning\_rate = -1.44, reg\_par = -1.44



 $learning_rate = -1.89$ ,  $reg_par = -1.89$ 2.00 4.0 1.75 3.5 1.50 3.0 1.25

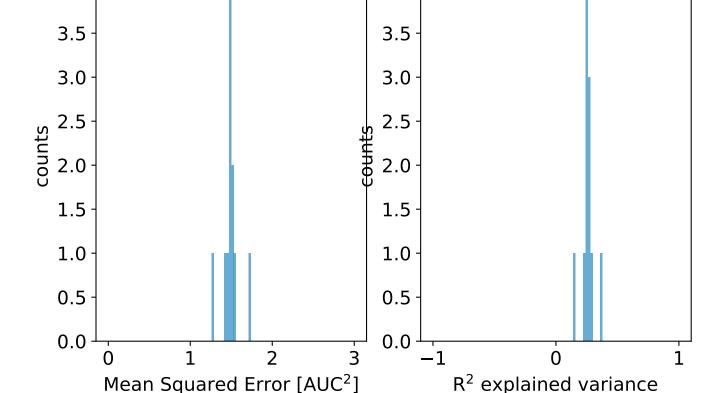


 $learning_rate = -2.33, reg_par = -2.33$ 3.0 3.0 2.5 2.5 2.0 2.0

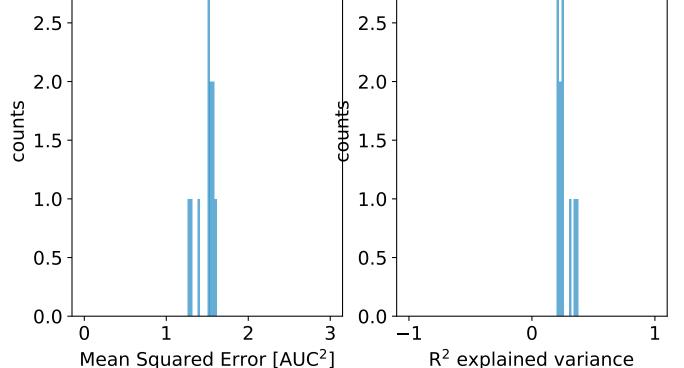


4.0

 $learning_rate = -2.78$ ,  $reg_par = -2.78$ 

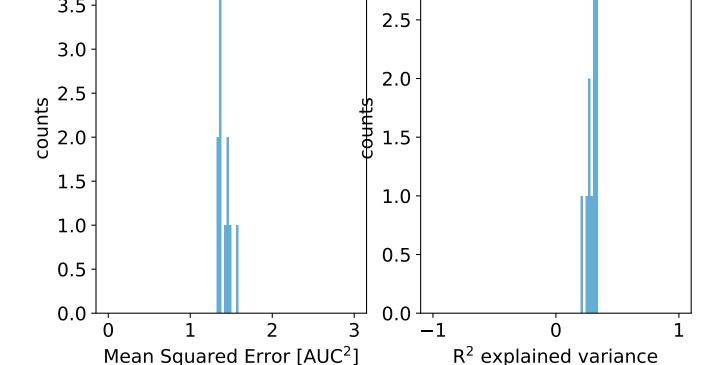


 $learning_rate = -3.22, reg_par = -3.22$ 3.0 3.0 2.5 2.5 2.0 2.0



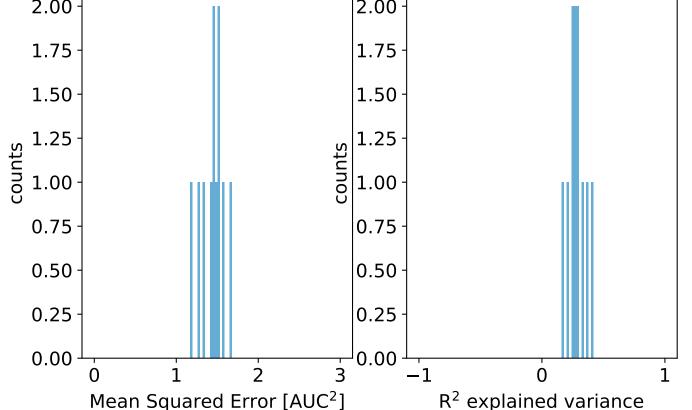
4.0 3.0 3.5 2.5 3.0 2.0

 $learning_rate = -3.67, reg_par = -3.67$ 



R<sup>2</sup> explained variance

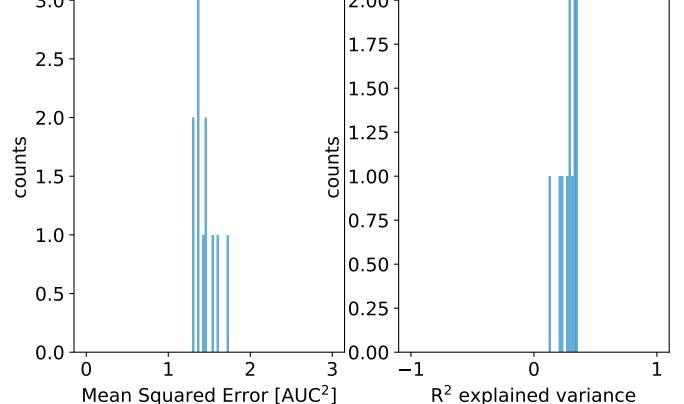
#### learning rate = -4.11, reg par = -4.112.00 2.00



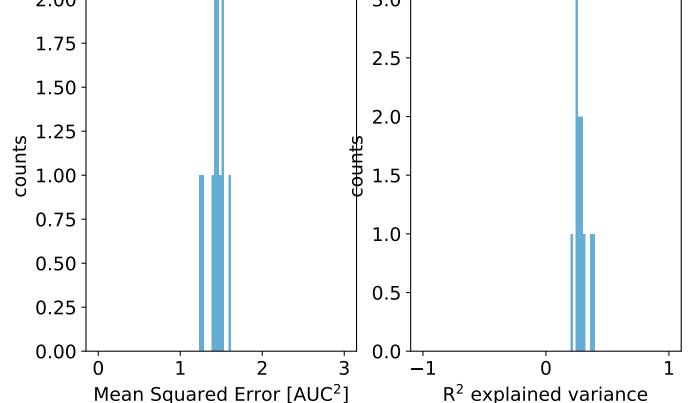
R<sup>2</sup> explained variance

3.0 -

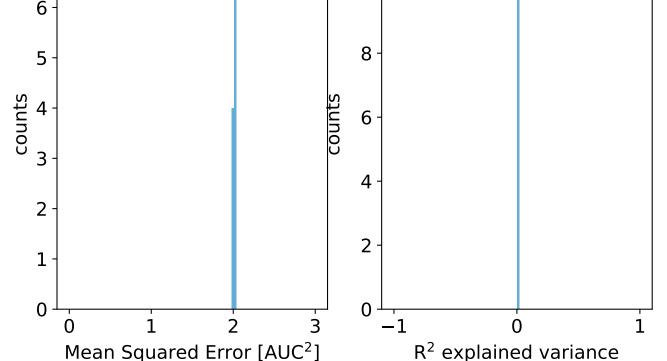
 $learning_rate = -4.56$ ,  $reg_par = -4.56$ 



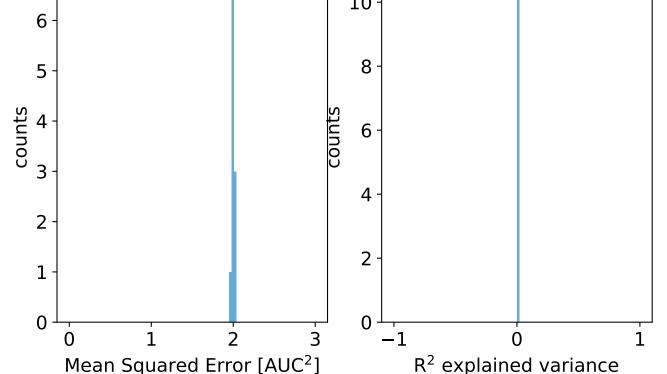
# learning\_rate = -5.00, reg\_par = -5.00



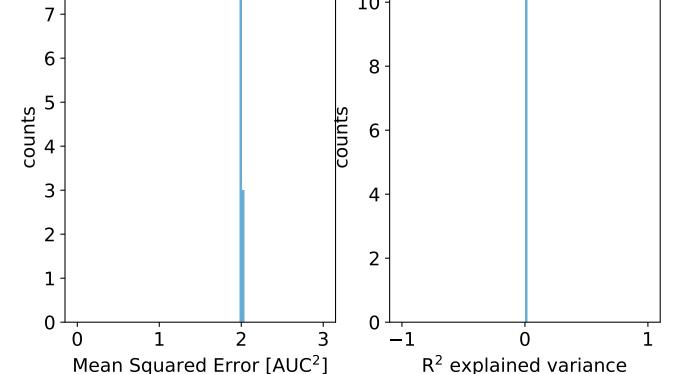
 $learning_rate = -1.00, reg_par = -1.00$ 



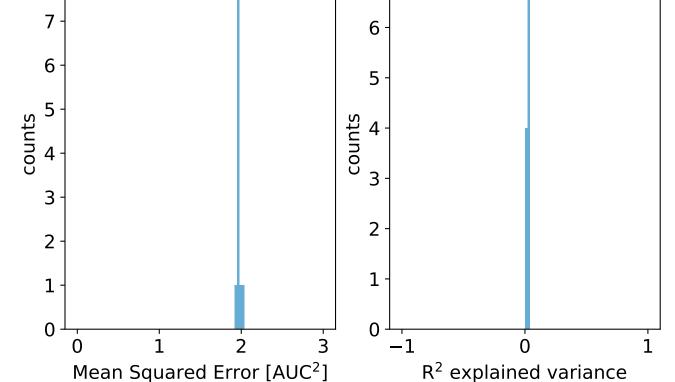
 $learning_rate = -1.44$ ,  $reg_par = -1.44$ 



 $learning_rate = -1.89$ ,  $reg_par = -1.89$ 

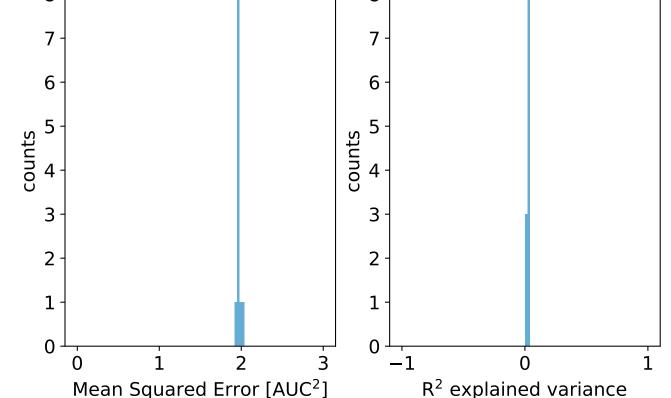


 $learning_rate = -2.33$ ,  $reg_par = -2.33$ 

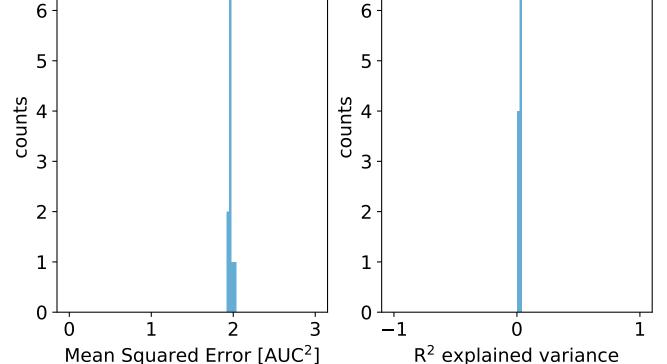


8-

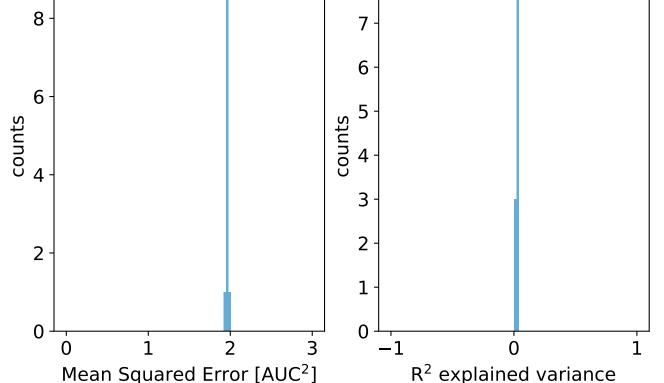
 $learning_rate = -2.78$ ,  $reg_par = -2.78$ 



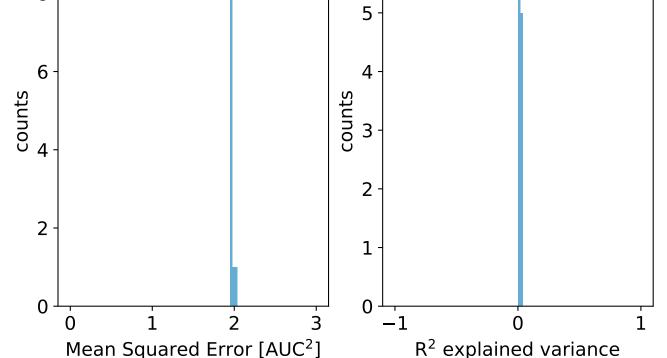
 $learning_rate = -3.22, reg_par = -3.22$ 



 $learning_rate = -3.67, reg_par = -3.67$ 

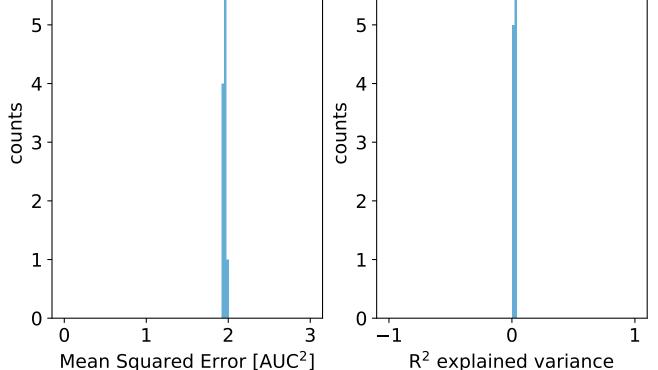


learning\_rate = -4.11, reg\_par = -4.11 6 -8 5 6



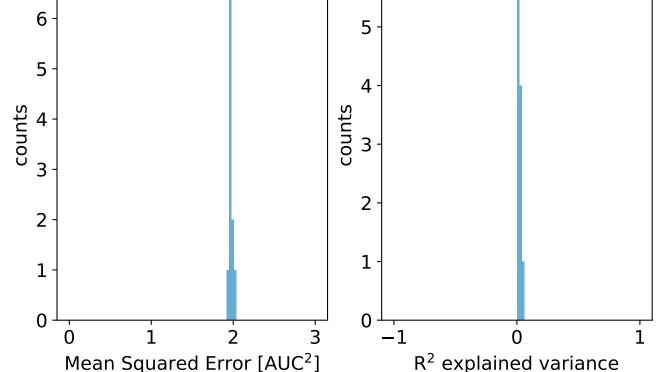
6 6 -5 5

 $learning_rate = -4.56$ ,  $reg_par = -4.56$ 



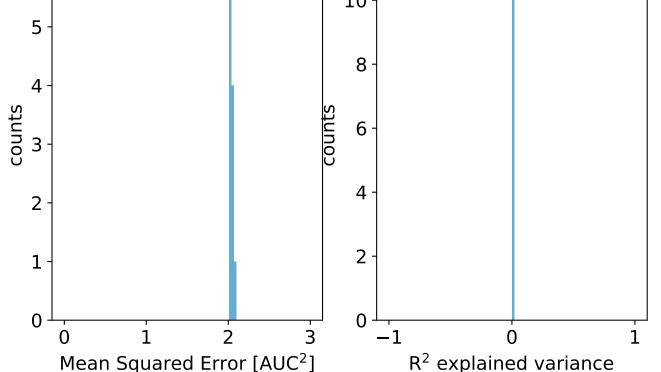
6 -6 5 5

 $learning_rate = -5.00, reg_par = -5.00$ 



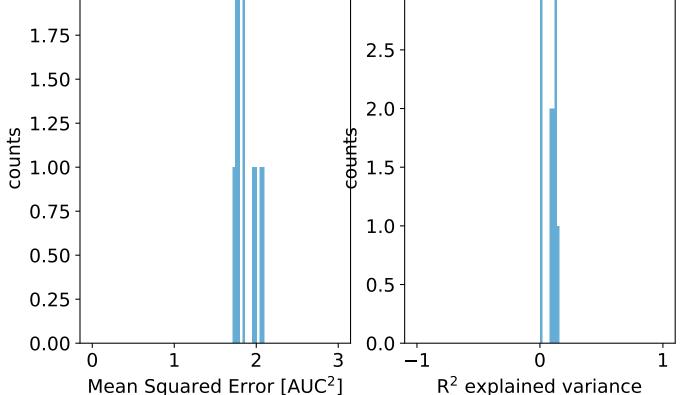
R<sup>2</sup> explained variance

 $learning_rate = -1.00, reg_par = -1.00$ 



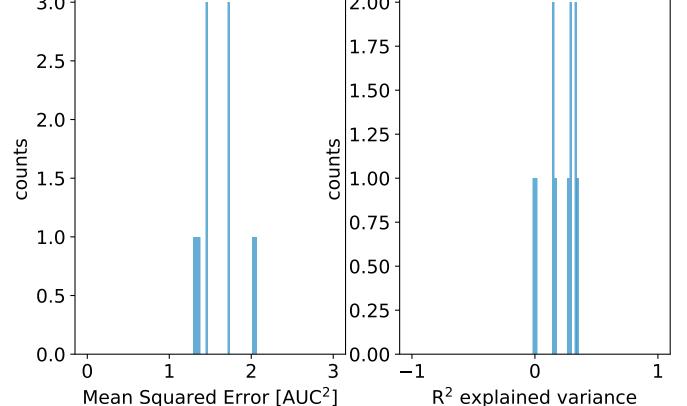
2.00

 $learning_rate = -1.44$ ,  $reg_par = -1.44$ 

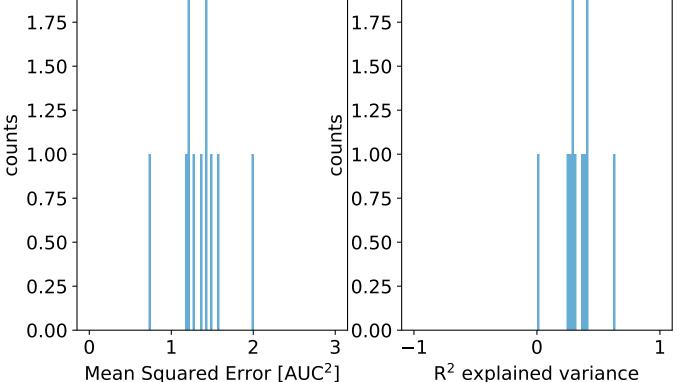


3.0-

 $learning_rate = -1.89$ ,  $reg_par = -1.89$ 

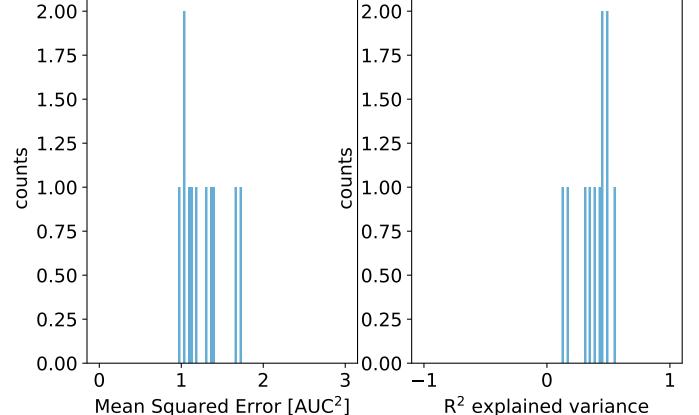


learning rate = -2.33, reg par = -2.332.00 2.00 1.75 1.75



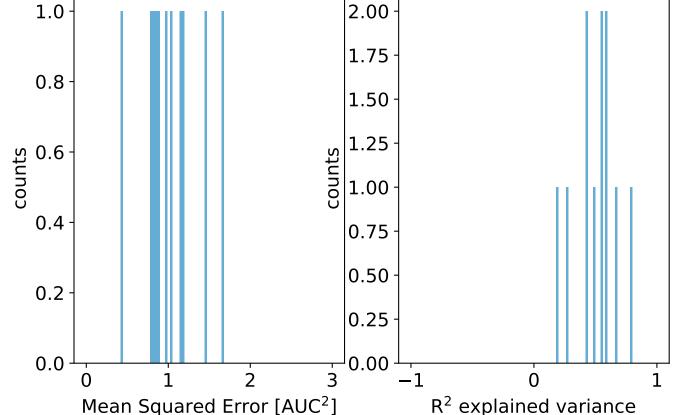
R<sup>2</sup> explained variance

learning\_rate = -2.78, reg\_par = -2.78



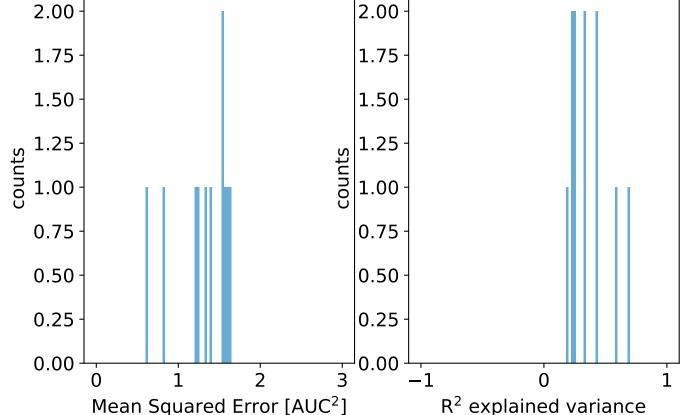
2.00

 $learning_rate = -3.22, reg_par = -3.22$ 

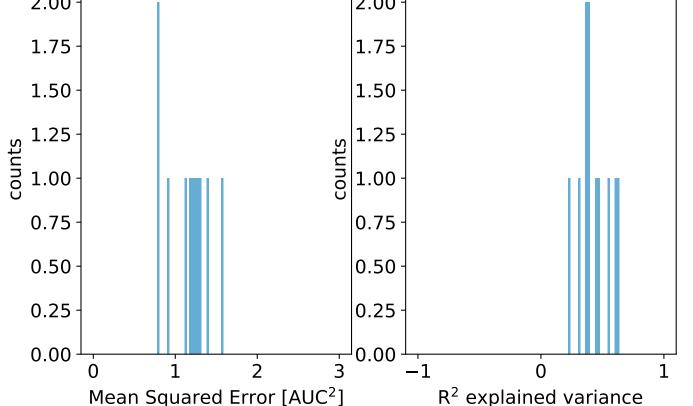


### 2.00

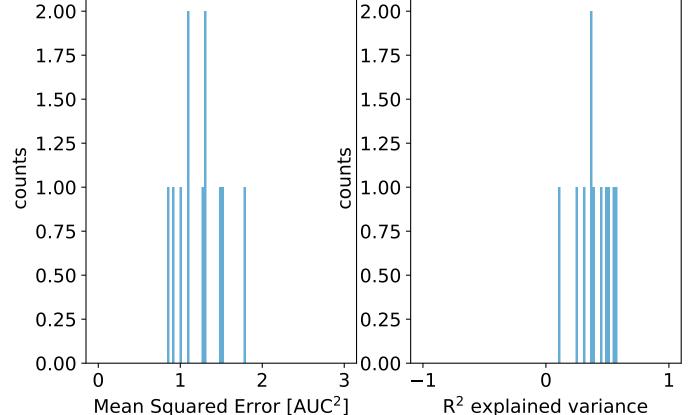
learning rate = -3.67, reg par = -3.67



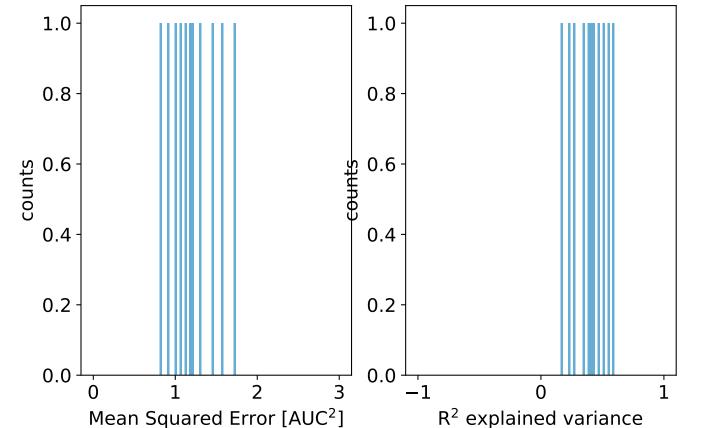
# learning\_rate = -4.11, reg\_par = -4.11 2.00-



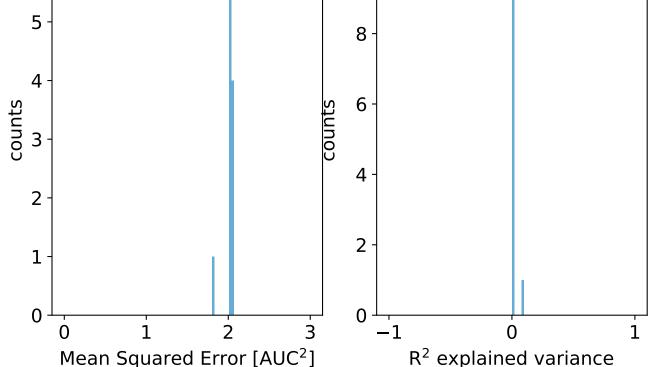
## learning\_rate = -4.56, reg\_par = -4.56



### learning\_rate = -5.00, reg\_par = -5.00

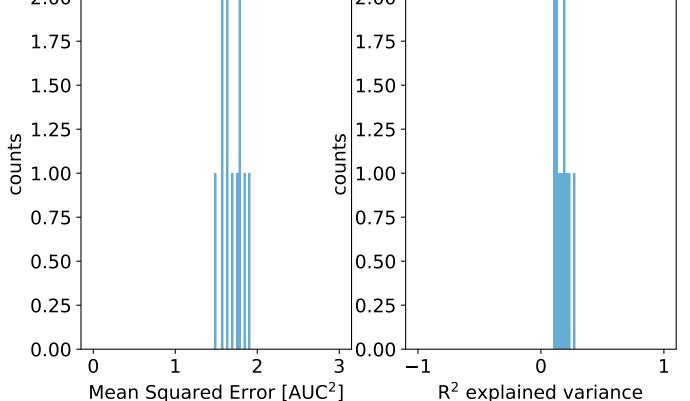


 $learning_rate = -1.00, reg_par = -1.00$ 



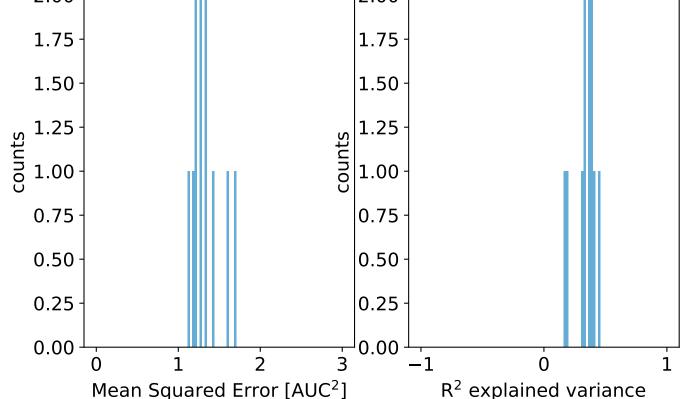
2.00

 $learning_rate = -1.44$ , reg par = -1.44



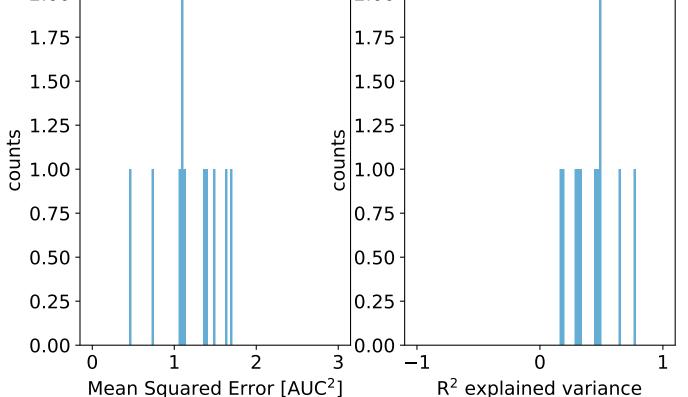
2.00

learning rate = -1.89, reg par = -1.89

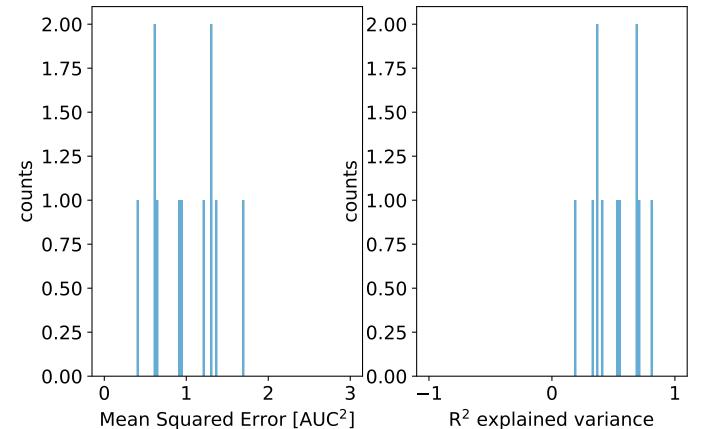


2.00 -

learning rate = -2.33, reg par = -2.33

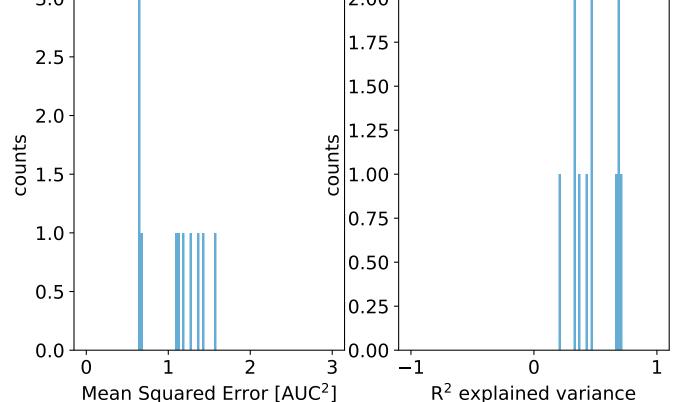


#### learning\_rate = -2.78, reg\_par = -2.78

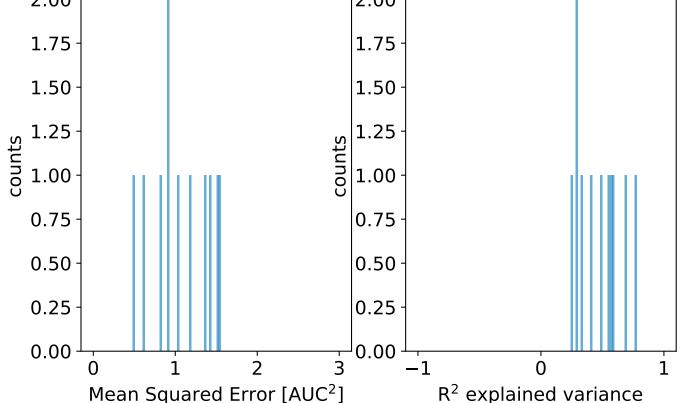


3.0

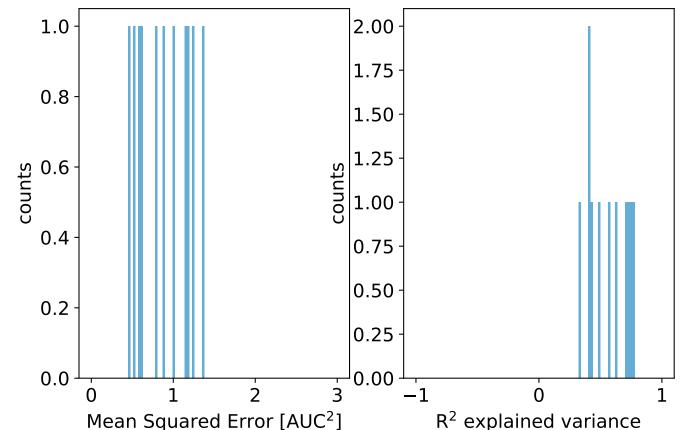
 $learning_rate = -3.22, reg_par = -3.22$ 



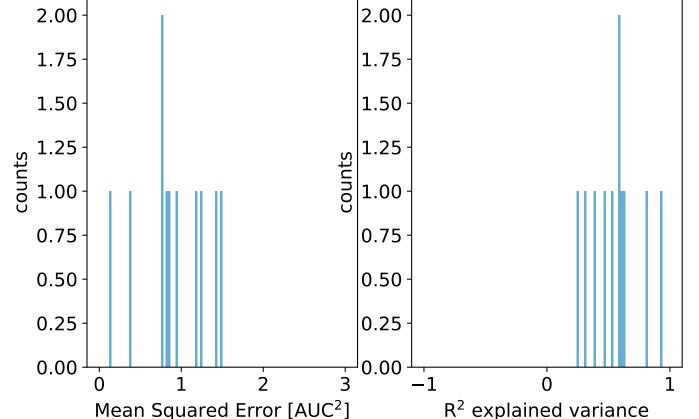
# learning\_rate = -3.67, reg\_par = -3.67



#### learning\_rate = -4.11, reg\_par = -4.11

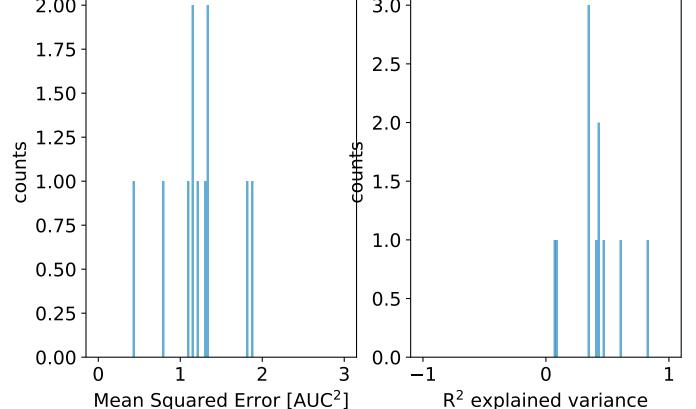


## learning\_rate = -4.56, reg\_par = -4.56



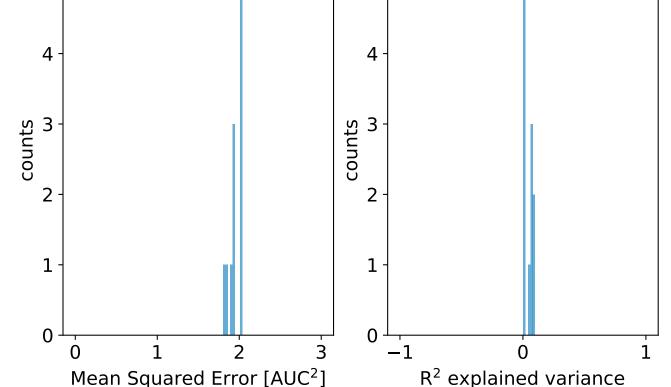
## 2.00

 $learning_rate = -5.00, reg_par = -5.00$ 

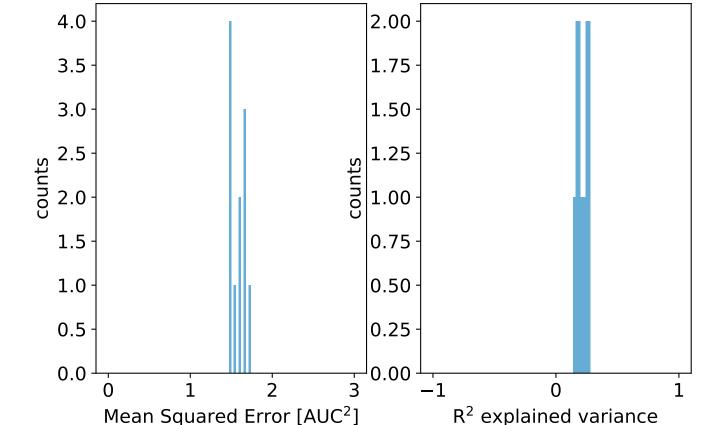


5 5 4 -

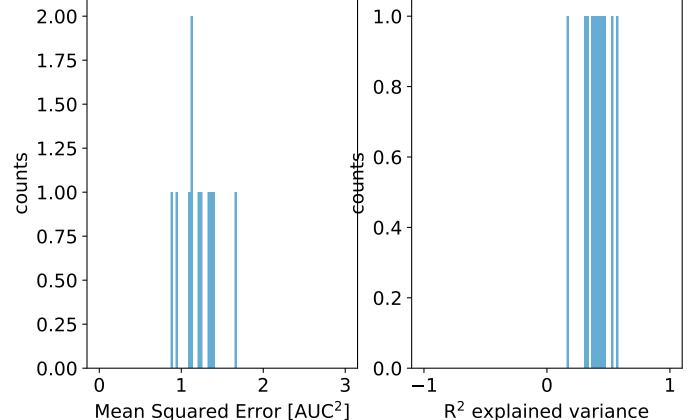
 $learning_rate = -1.00, reg_par = -1.00$ 



learning\_rate = -1.44, reg\_par = -1.44

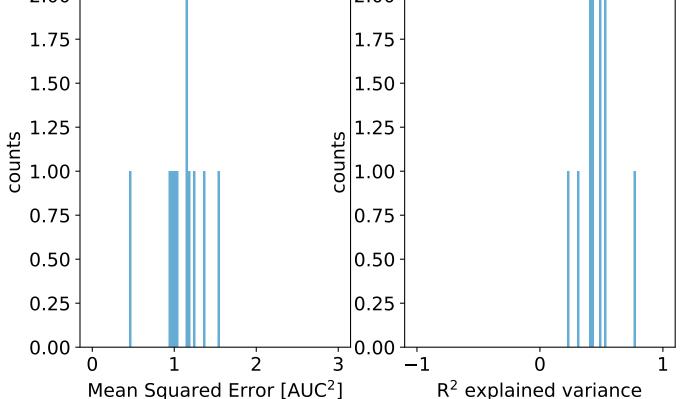


learning\_rate = -1.89, reg\_par = -1.89

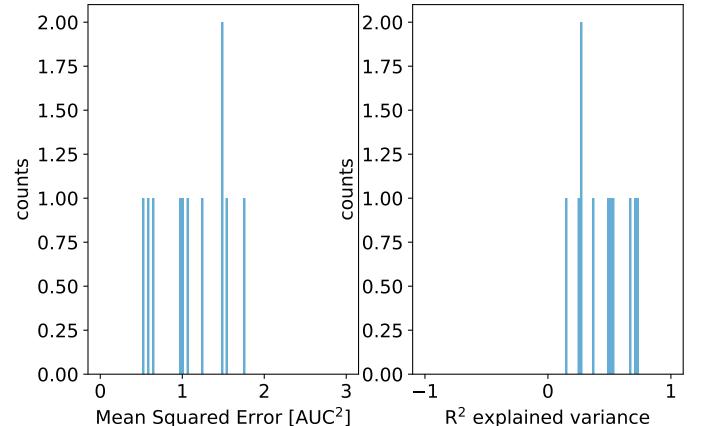


2.00

learning rate = -2.33, reg par = -2.33

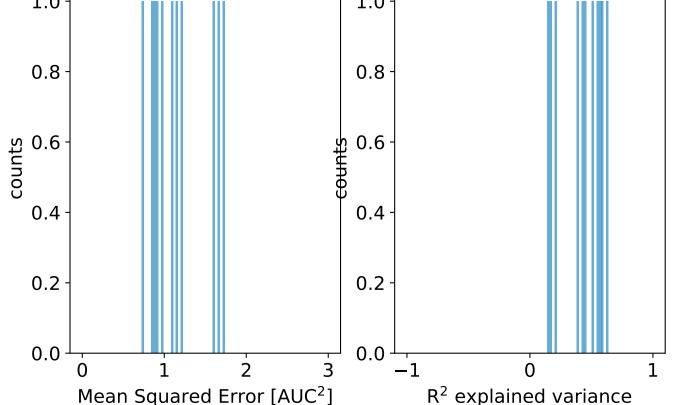


### learning\_rate = -2.78, reg\_par = -2.78

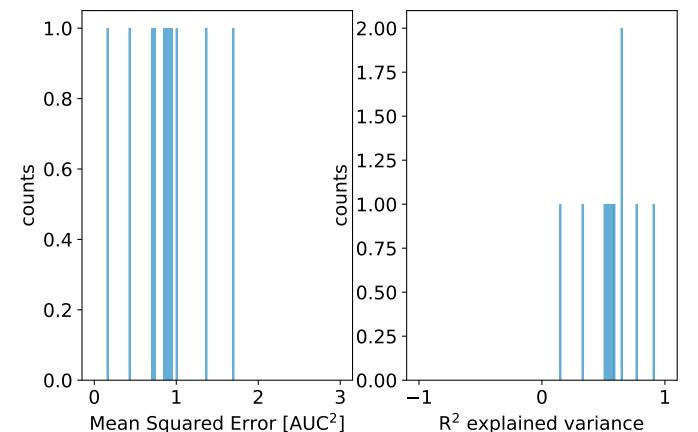


1.0

 $learning_rate = -3.22, reg_par = -3.22$ 

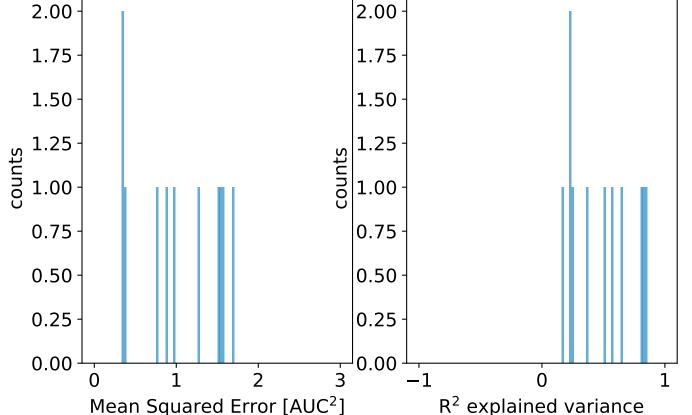


#### learning\_rate = -3.67, reg\_par = -3.67

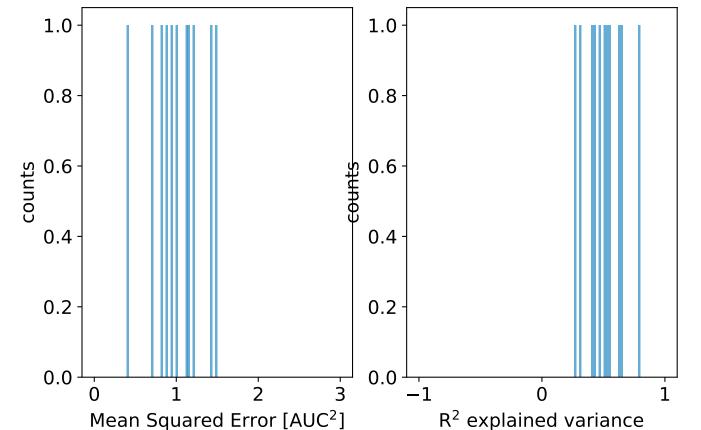


### 0-

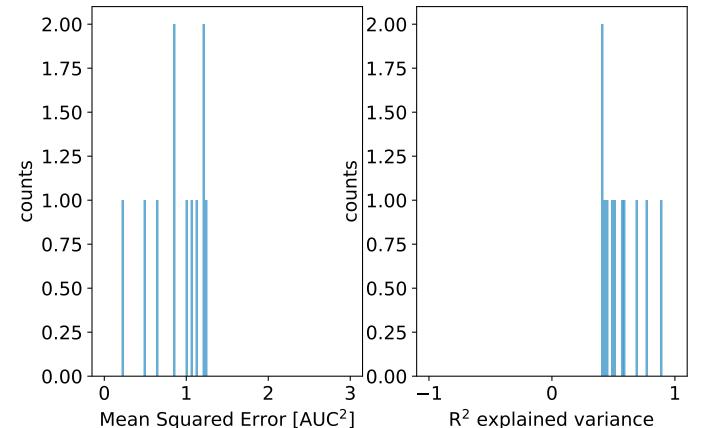
learning rate = -4.11, reg par = -4.11



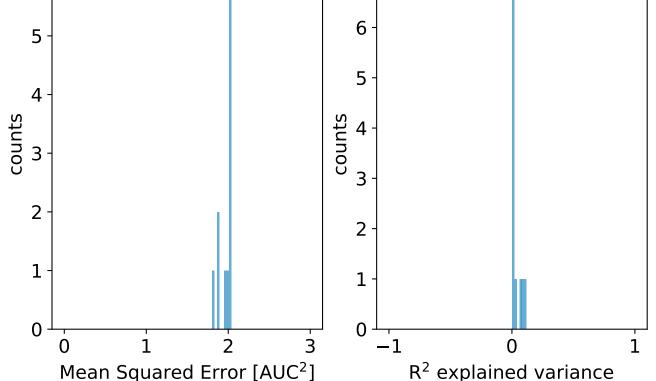
#### learning\_rate = -4.56, reg\_par = -4.56



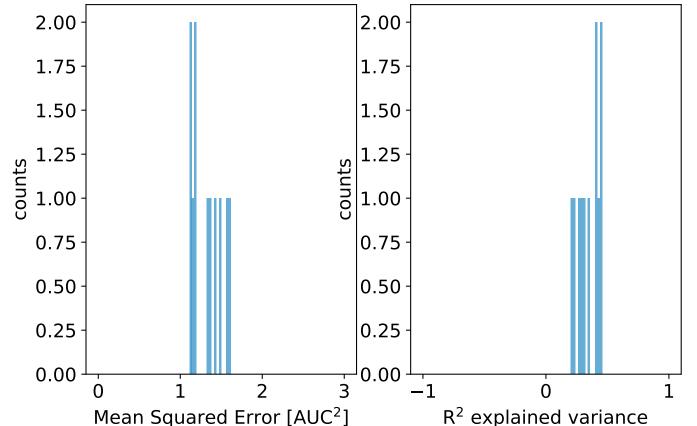
#### learning\_rate = -5.00, reg\_par = -5.00



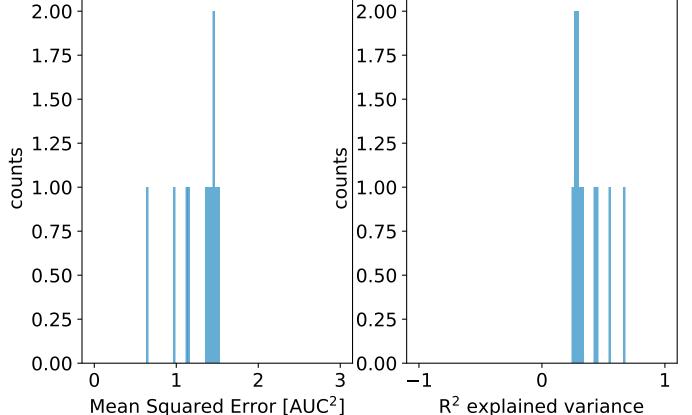
 $learning_rate = -1.00, reg_par = -1.00$ 

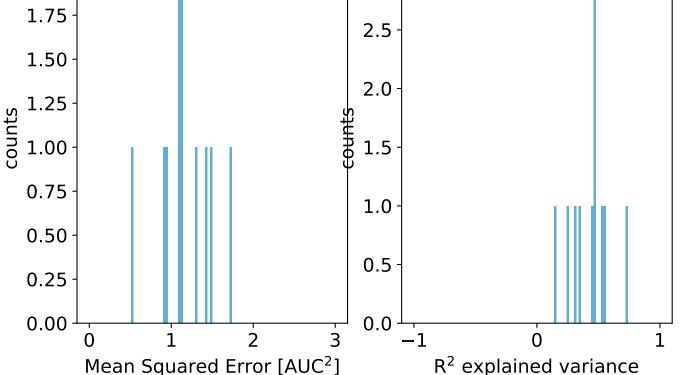


learning\_rate = -1.44, reg\_par = -1.44

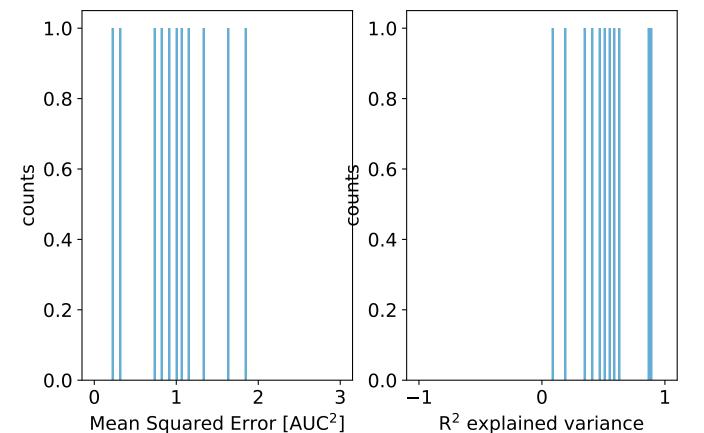


learning\_rate = -1.89, reg\_par = -1.89



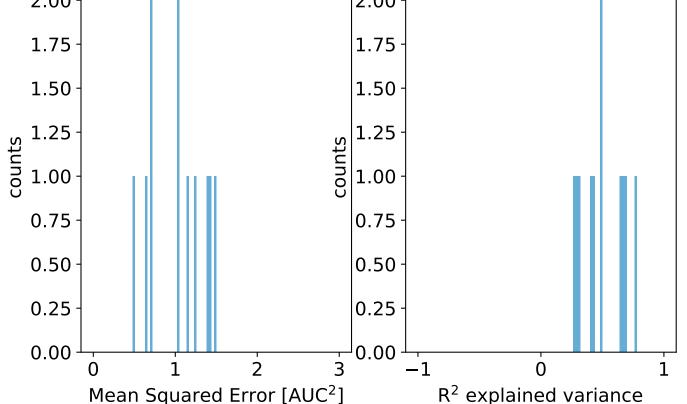


#### learning\_rate = -2.78, reg\_par = -2.78

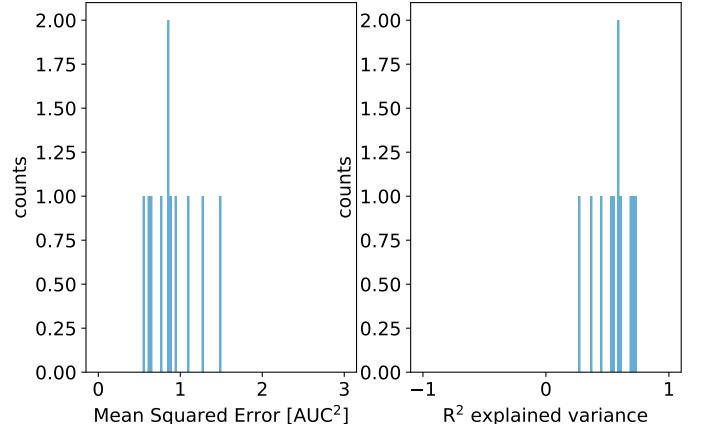


2.00 -

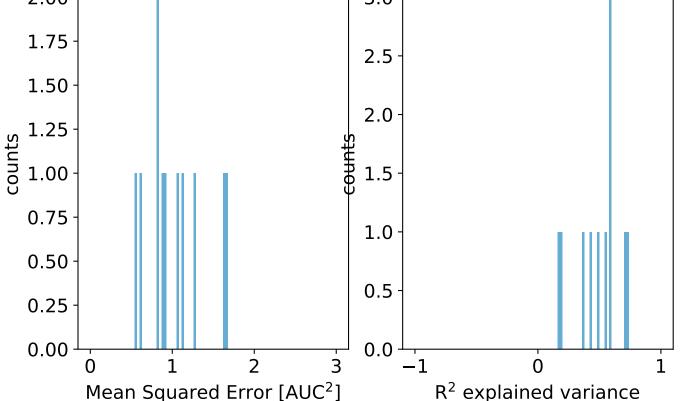
learning rate = -3.22, reg par = -3.22



### learning\_rate = -3.67, reg\_par = -3.67

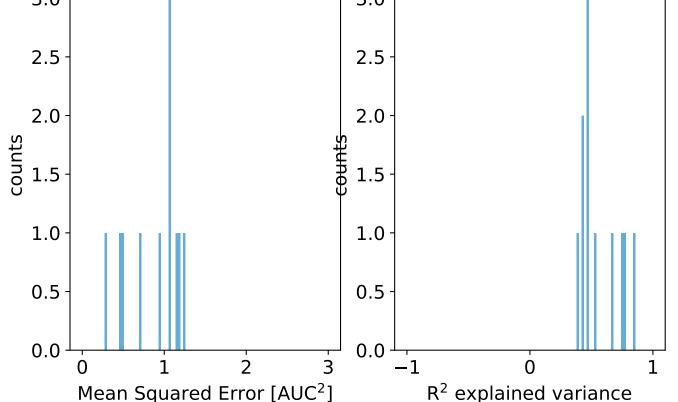


# learning\_rate = -4.11, reg\_par = -4.11 2.00 3.0-



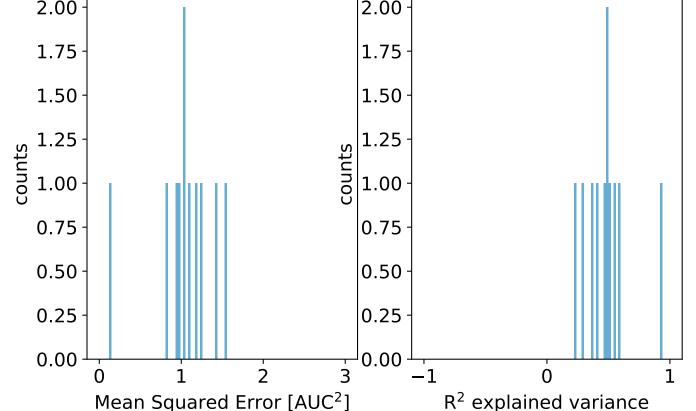
## 3.0

 $learning_rate = -4.56$ ,  $reg_par = -4.56$ 



#### 2.00 2.00

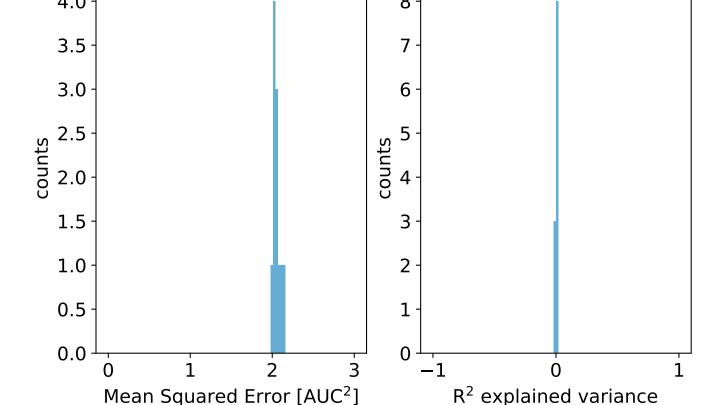
learning rate = -5.00, reg par = -5.00



R<sup>2</sup> explained variance

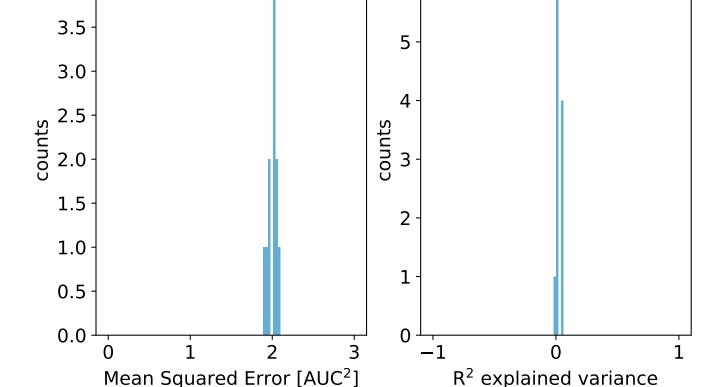
## 4.0 -

 $learning_rate = -1.00, reg_par = -1.00$ 



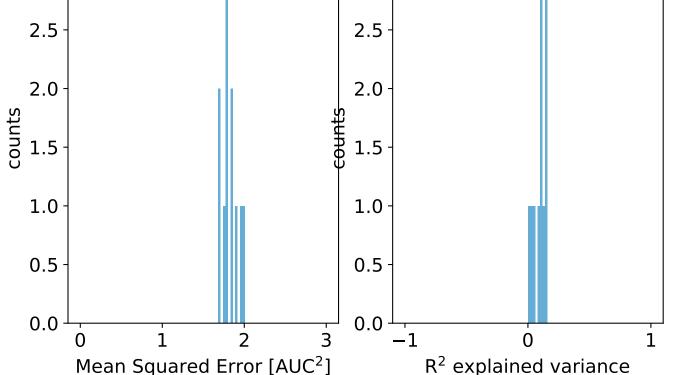
4.0

 $learning_rate = -1.44$ ,  $reg_par = -1.44$ 



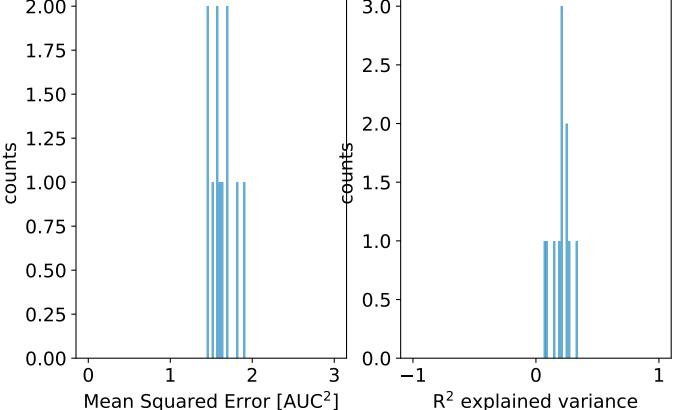
3.0 3.0 2.5 2.5 2.0 2.0

 $learning_rate = -1.89$ ,  $reg_par = -1.89$ 



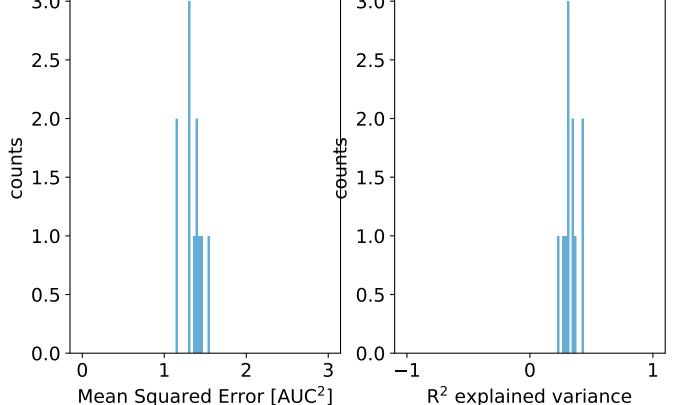
R<sup>2</sup> explained variance

 $learning_rate = -2.33, reg_par = -2.33$ 2.00 3.0 1.75 2.5 1.50 2.0 1.25



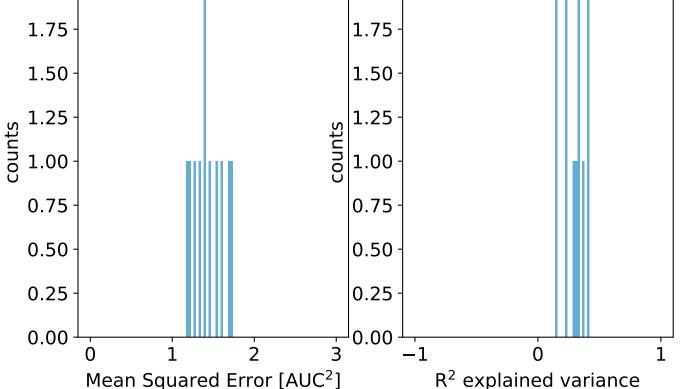
3.0

learning rate = -2.78, reg par = -2.78

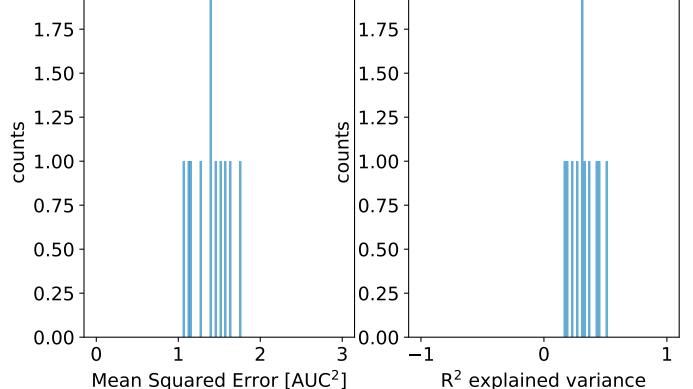


2.00 -1.75 -2.00 -1.75 -

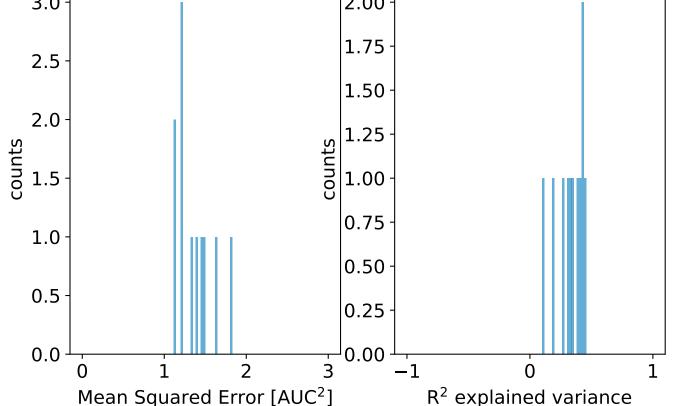
learning rate = -3.22, reg par = -3.22



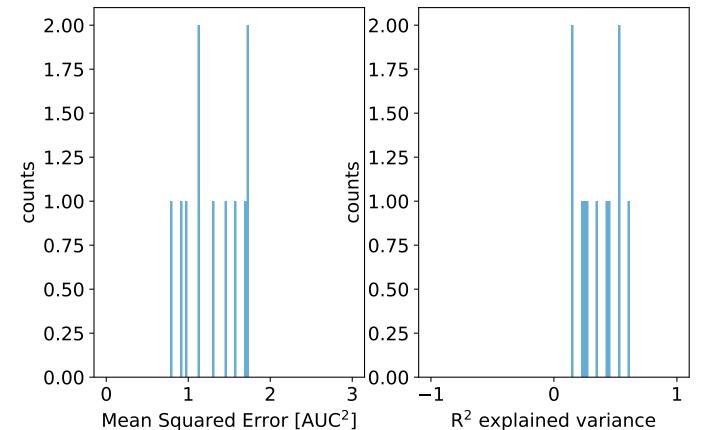
learning\_rate = -3.67, reg\_par = -3.67



# learning\_rate = -4.11, reg\_par = -4.11 3.0 2.00-

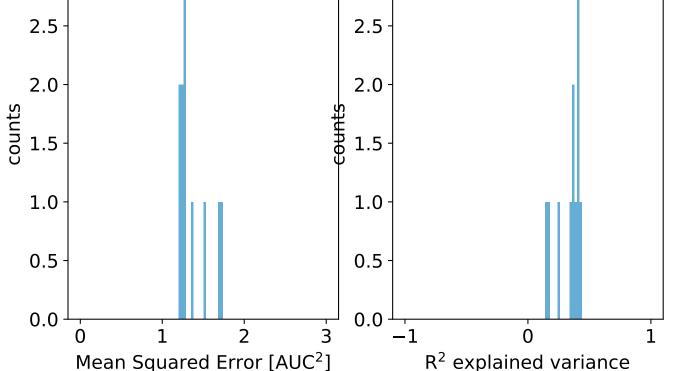


#### learning\_rate = -4.56, reg\_par = -4.56



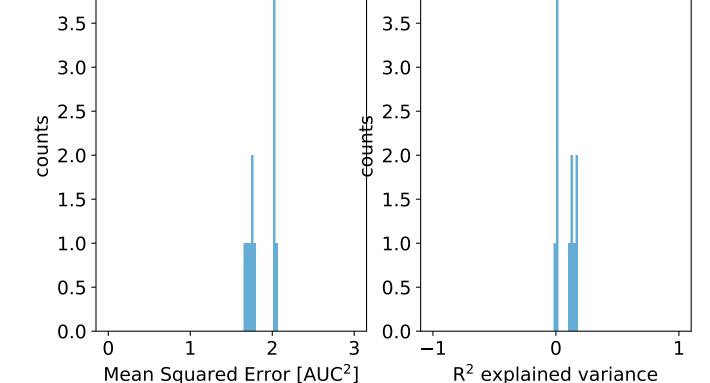
3.0 3.0 2.5 2.5 2.0 2.0

 $learning_rate = -5.00, reg_par = -5.00$ 



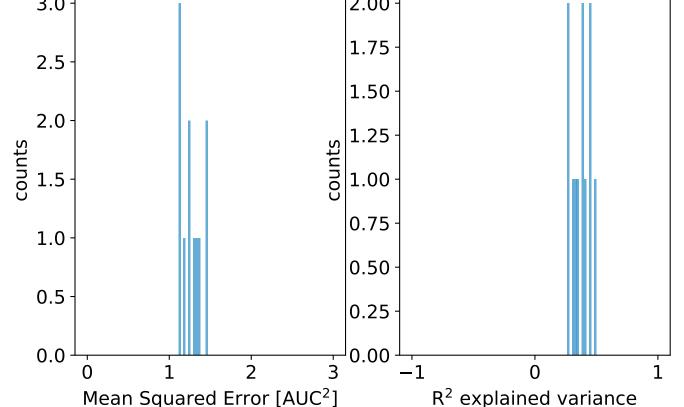
#### 4.0 4.0 3.5 3.5 3.0 3.0

 $learning_rate = -1.00, reg_par = -1.00$ 

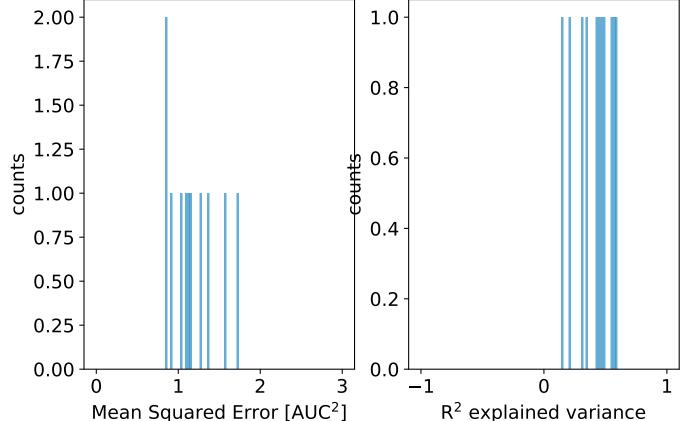


3.0 -

 $learning_rate = -1.44$ ,  $reg_par = -1.44$ 

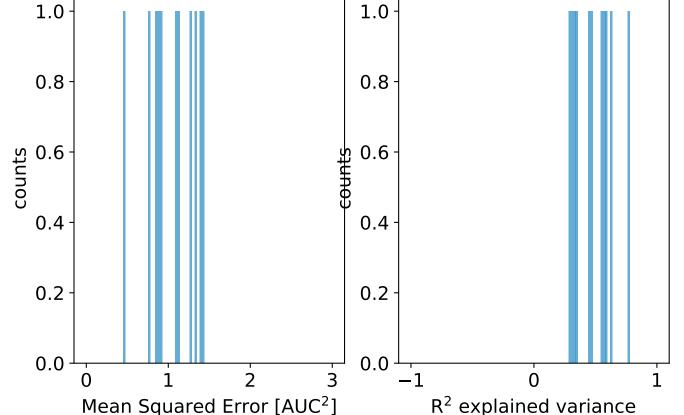


### learning\_rate = -1.89, reg\_par = -1.89

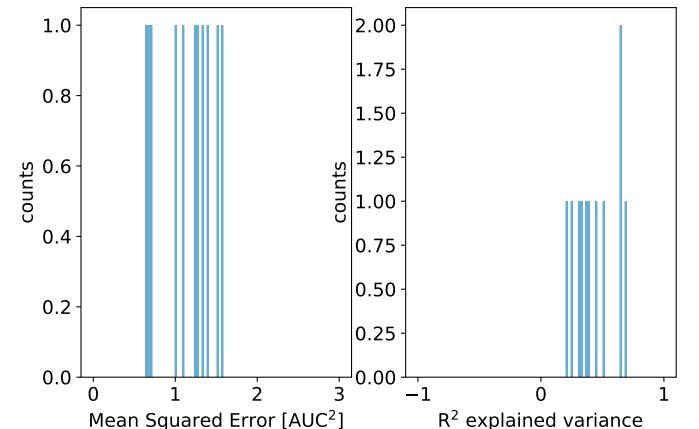


1.0

 $learning_rate = -2.33, reg_par = -2.33$ 

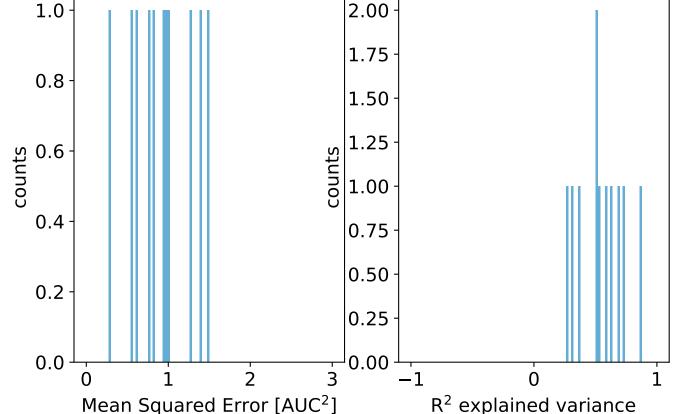


#### learning\_rate = -2.78, reg\_par = -2.78

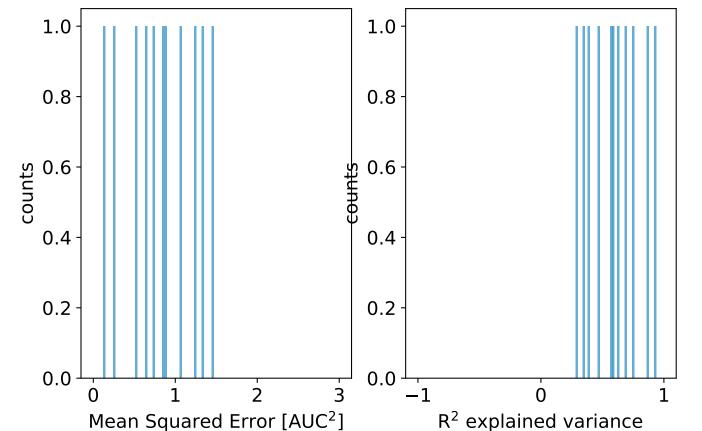


2 00

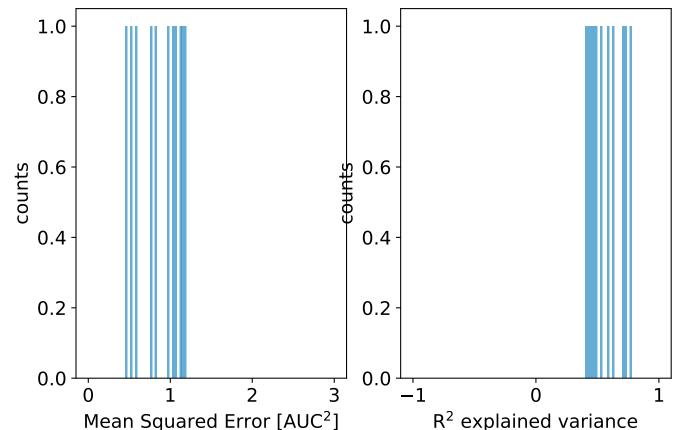
 $learning_rate = -3.22, reg_par = -3.22$ 



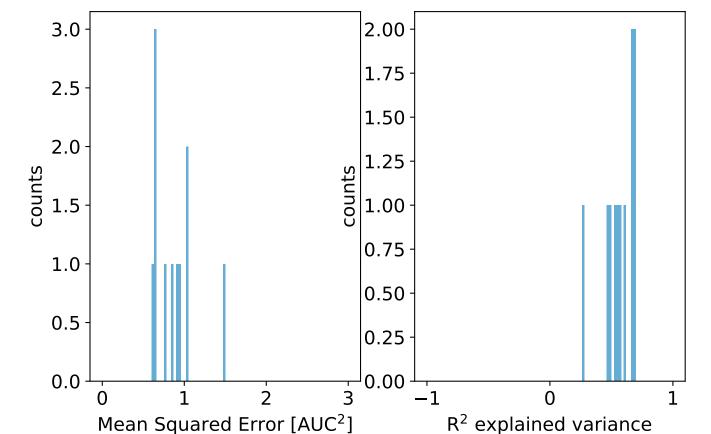
#### learning\_rate = -3.67, reg\_par = -3.67



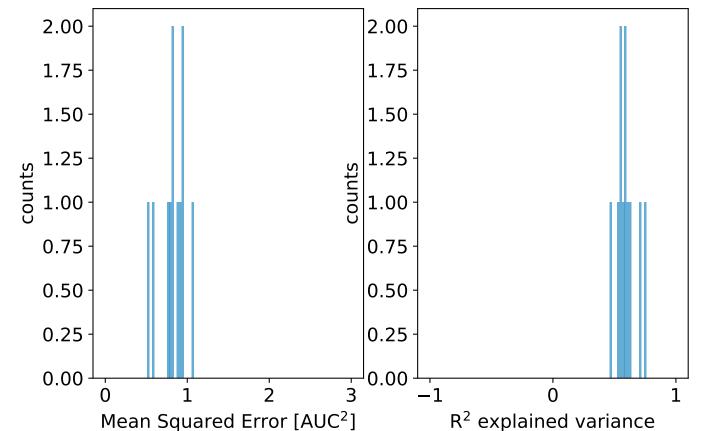
#### learning\_rate = -4.11, reg\_par = -4.11



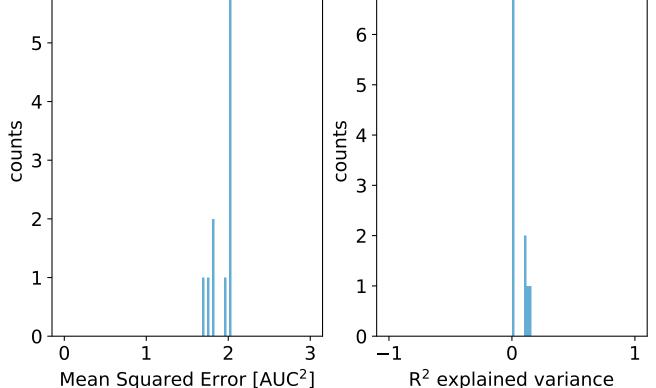
#### learning\_rate = -4.56, reg\_par = -4.56



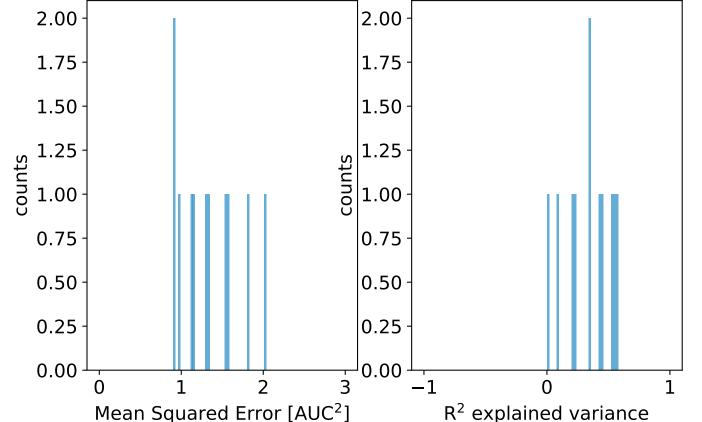
#### learning\_rate = -5.00, reg\_par = -5.00



 $learning_rate = -1.00, reg_par = -1.00$ 

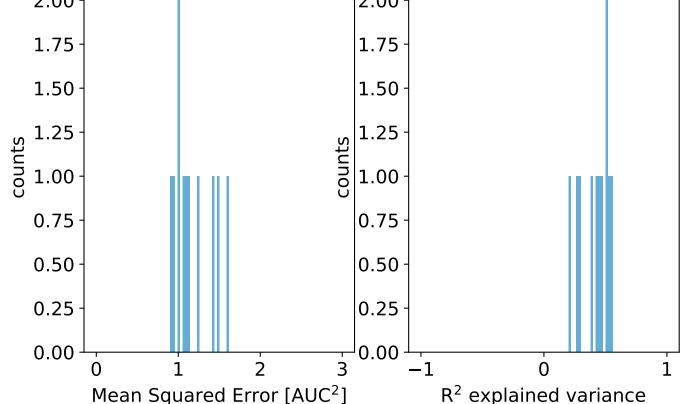


learning\_rate = -1.44, reg\_par = -1.44



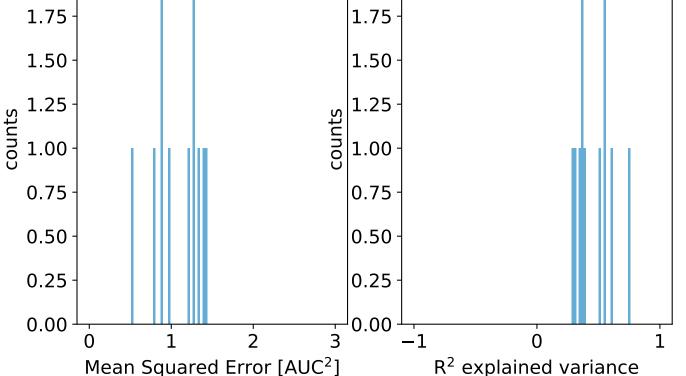
learning\_rate = -1.89, reg\_par = -1.89

2.00-



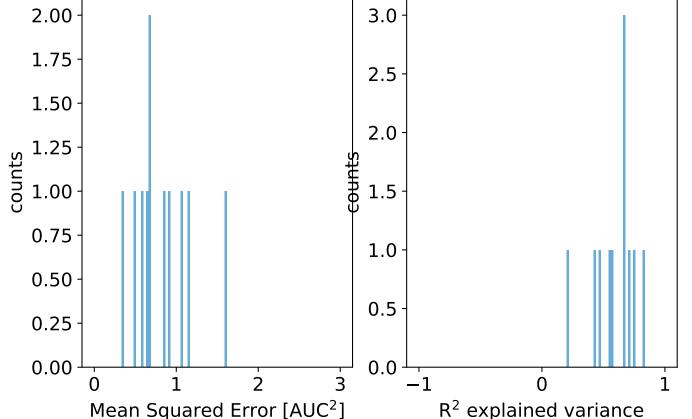
2.00 2.00 1.75 1.75 1.50 1.50

learning rate = -2.33, reg par = -2.33



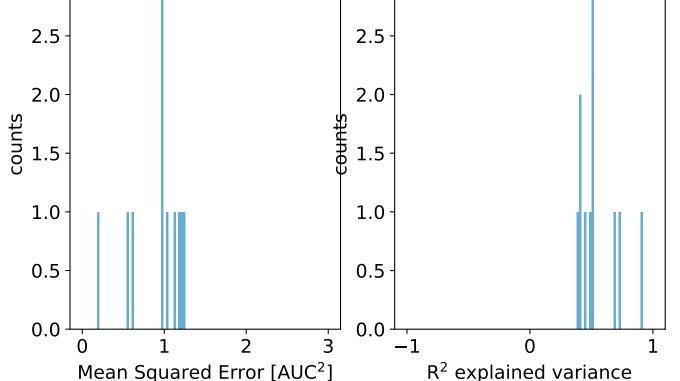
R<sup>2</sup> explained variance

## learning\_rate = -2.78, reg\_par = -2.78

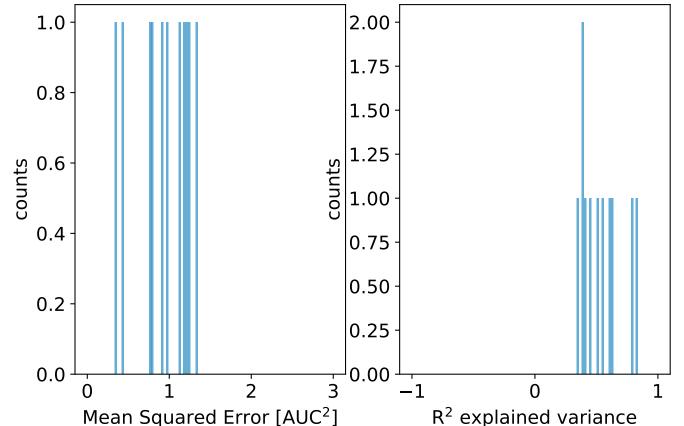


3.0 3.0 2.5 2.5 2.0 2.0

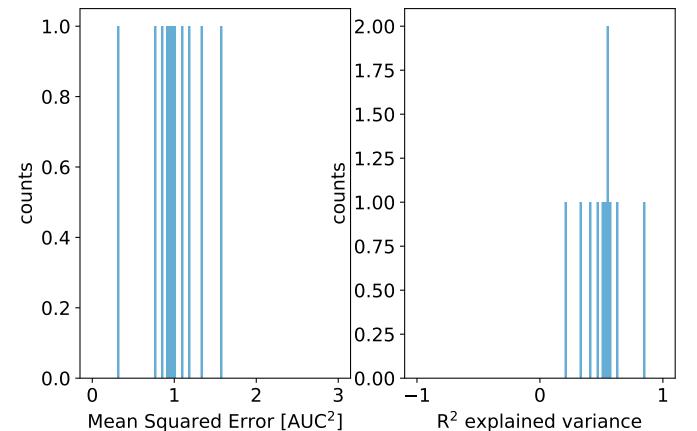
learning rate = -3.22, reg par = -3.22



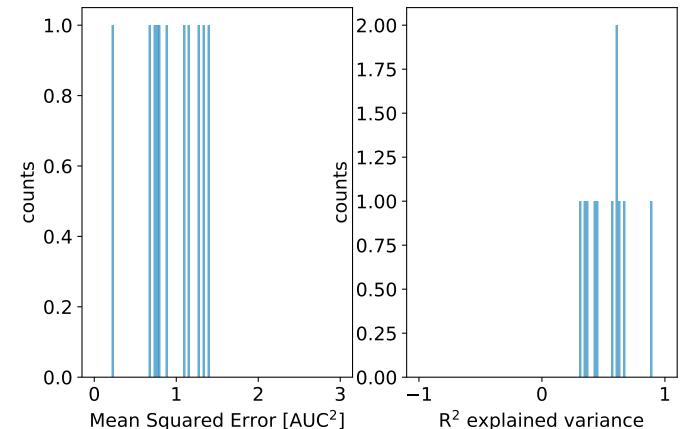
learning\_rate = -3.67, reg\_par = -3.67



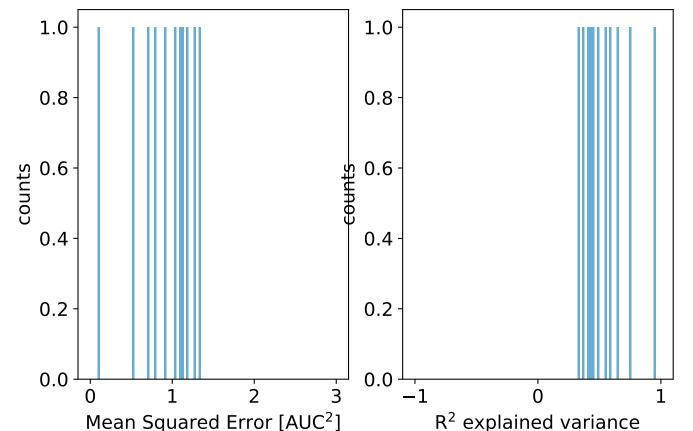
#### learning\_rate = -4.11, reg\_par = -4.11



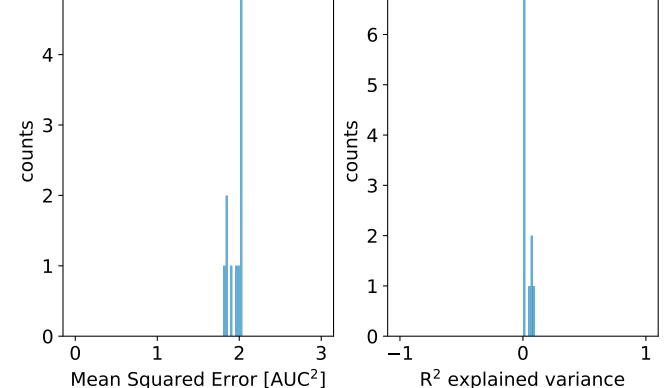
#### learning\_rate = -4.56, reg\_par = -4.56



#### learning\_rate = -5.00, reg\_par = -5.00

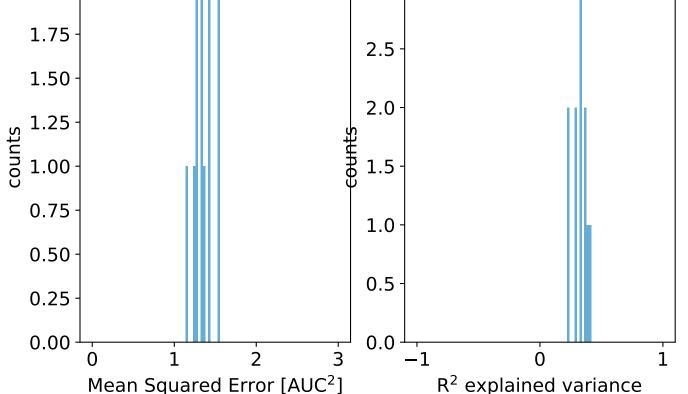


 $learning_rate = -1.00, reg_par = -1.00$ 

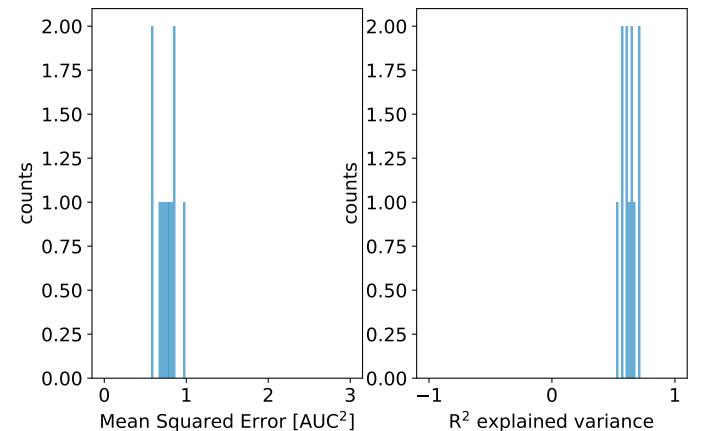


learning\_rate = -1.44, reg\_par = -1.44

2.00 - 3.0 - 3

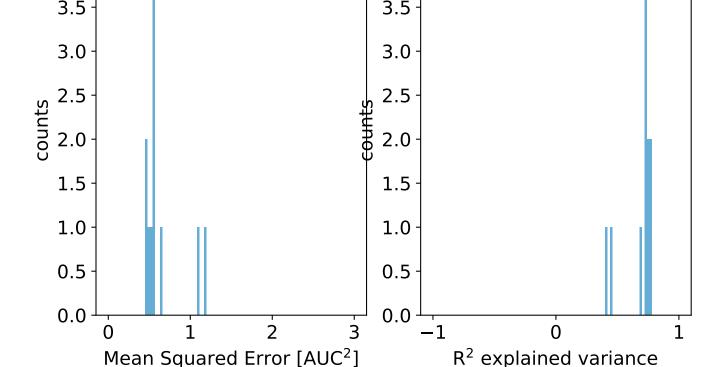


#### learning\_rate = -1.89, reg\_par = -1.89

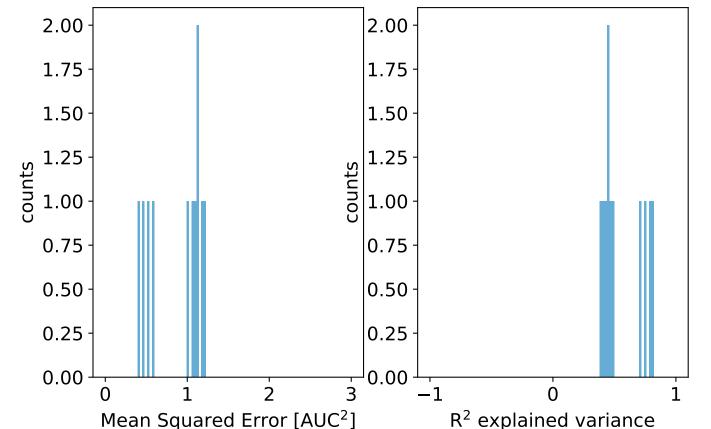


4.0 4.0 3.5 3.5 3.0 3.0

learning rate = -2.33, reg par = -2.33

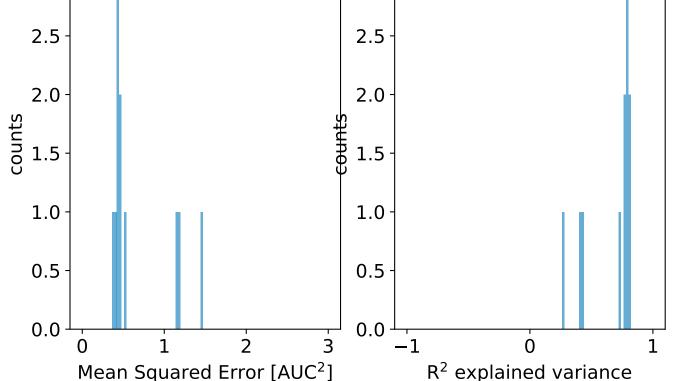


#### learning\_rate = -2.78, reg\_par = -2.78

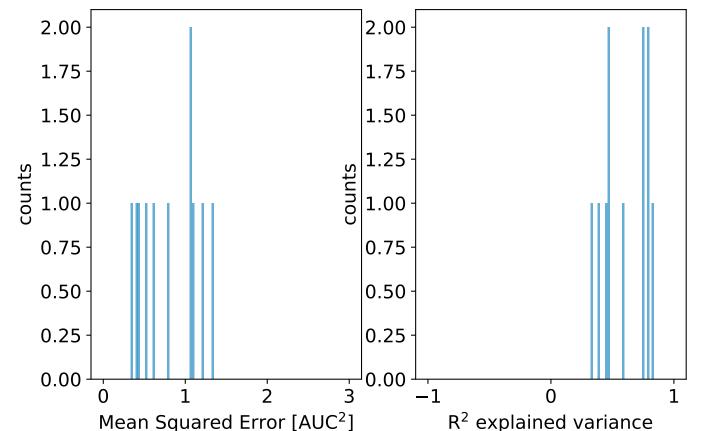


3.0 3.0 2.5 2.5 2.0 2.0

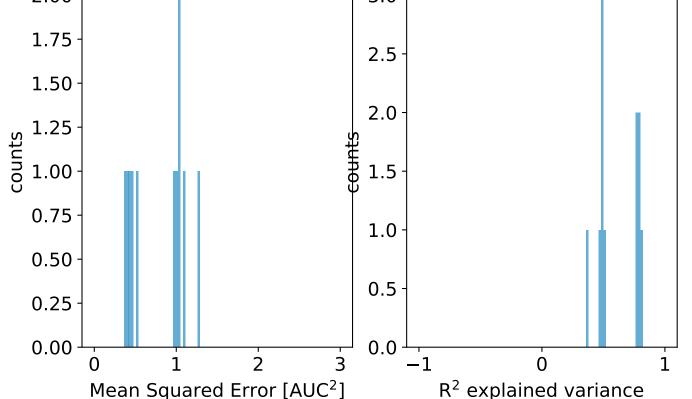
 $learning_rate = -3.22, reg_par = -3.22$ 



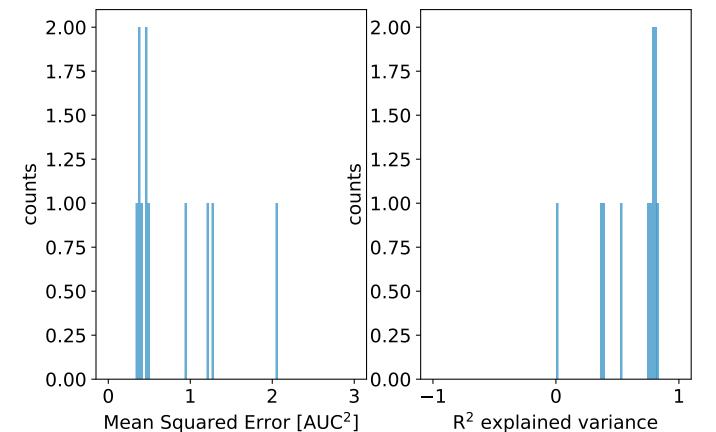
#### learning\_rate = -3.67, reg\_par = -3.67



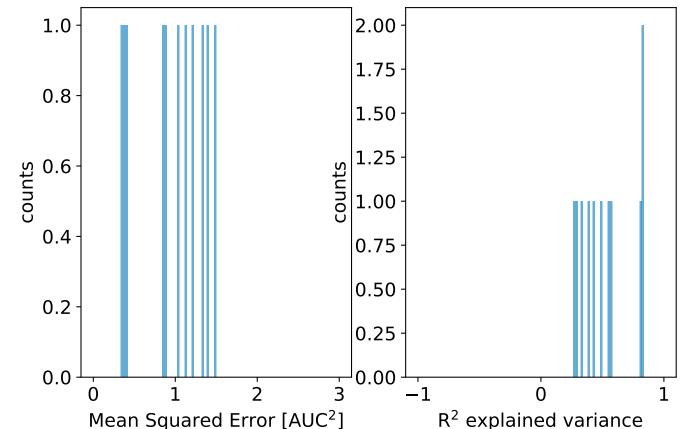
# learning\_rate = -4.11, reg\_par = -4.11 2.00 1.75-



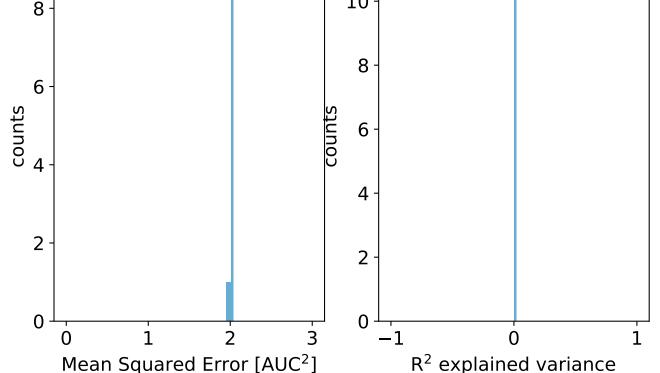
#### learning\_rate = -4.56, reg\_par = -4.56



#### learning\_rate = -5.00, reg\_par = -5.00

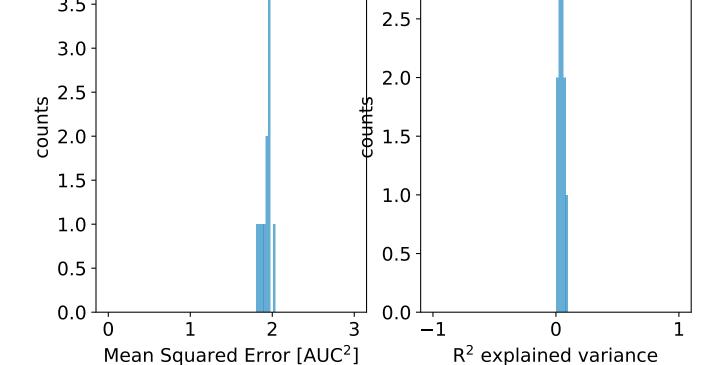


 $learning_rate = -1.00, reg_par = -1.00$ 

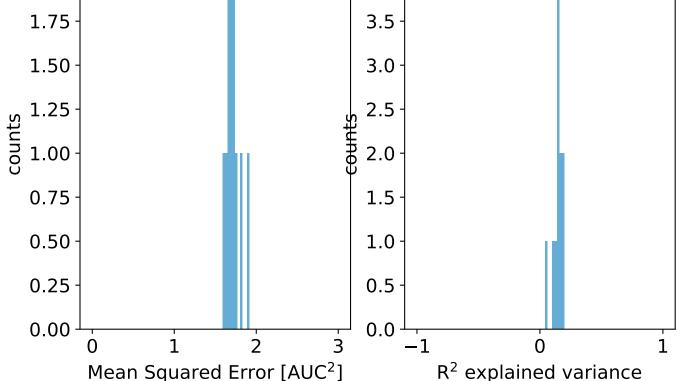


4.0 3.0 3.5 2.5 3.0 2.0

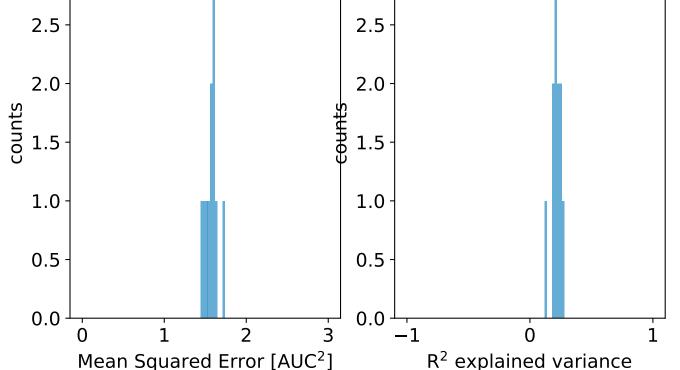
learning\_rate = -1.44, reg\_par = -1.44



 $learning_rate = -1.89$ ,  $reg_par = -1.89$ 2.00 4.0 1.75 3.5 1.50 3.0 1.25

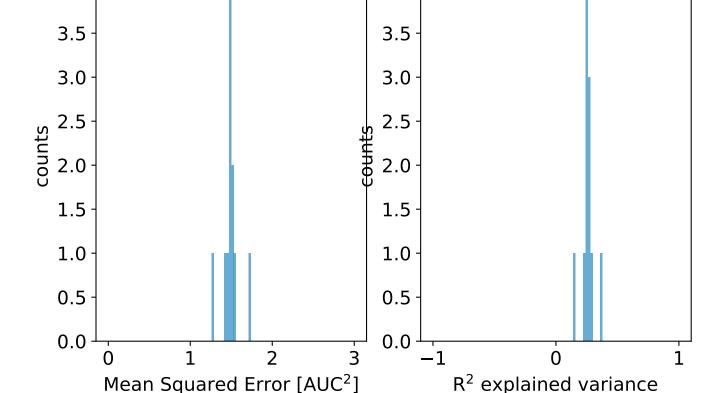


 $learning_rate = -2.33, reg_par = -2.33$ 3.0 3.0 2.5 2.5 2.0 2.0

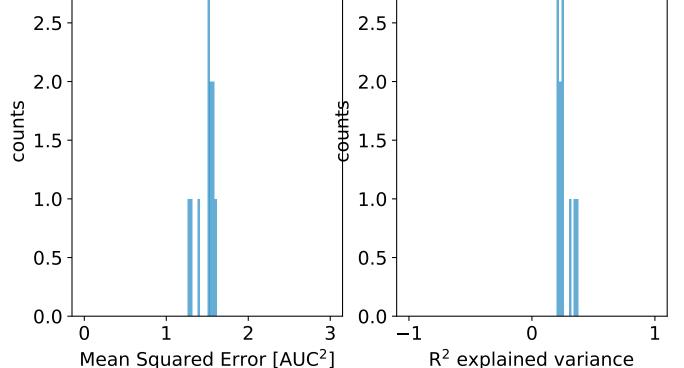


4.0

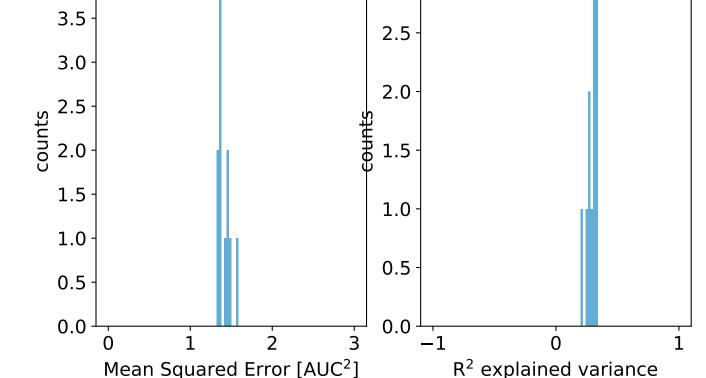
 $learning_rate = -2.78$ ,  $reg_par = -2.78$ 



 $learning_rate = -3.22, reg_par = -3.22$ 3.0 3.0 2.5 2.5 2.0 2.0

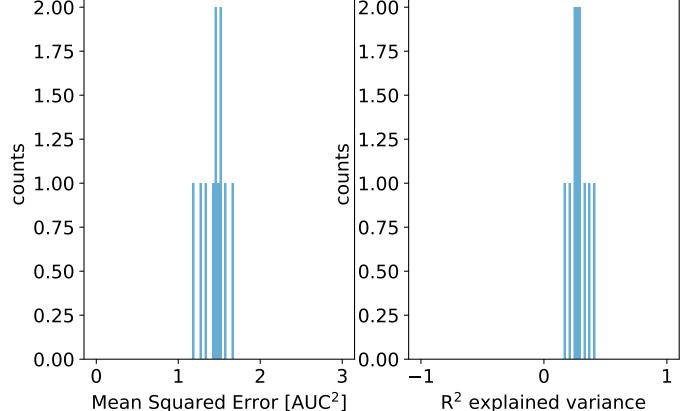


 $learning_rate = -3.67, reg_par = -3.67$ 4.0 3.0 3.5 2.5 3.0 2.0



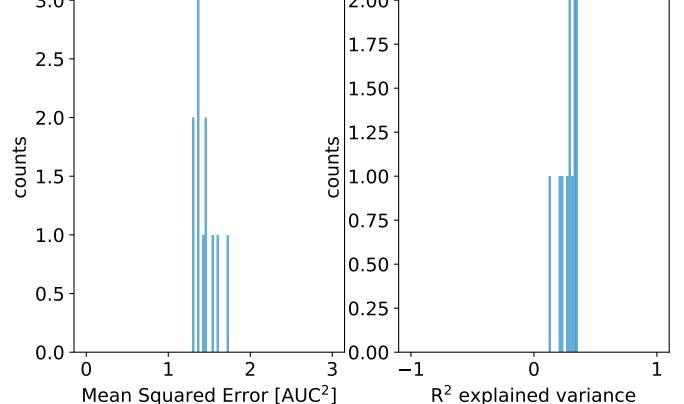
# 2.00 -

learning rate = -4.11, reg par = -4.11

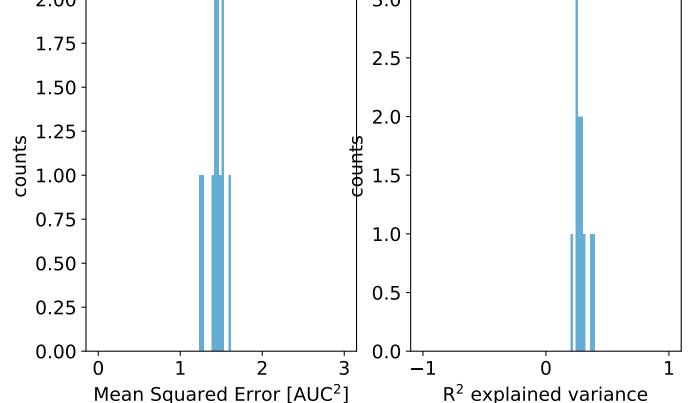


3.0 -

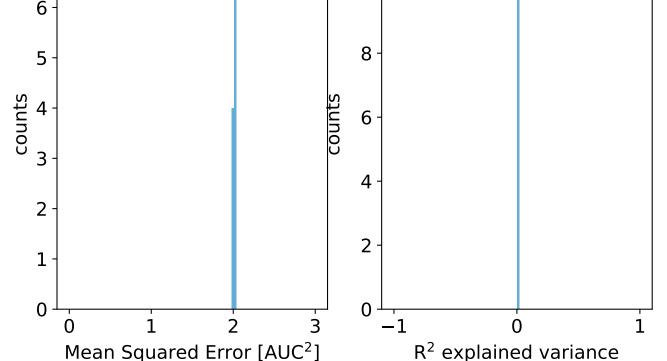
 $learning_rate = -4.56$ ,  $reg_par = -4.56$ 



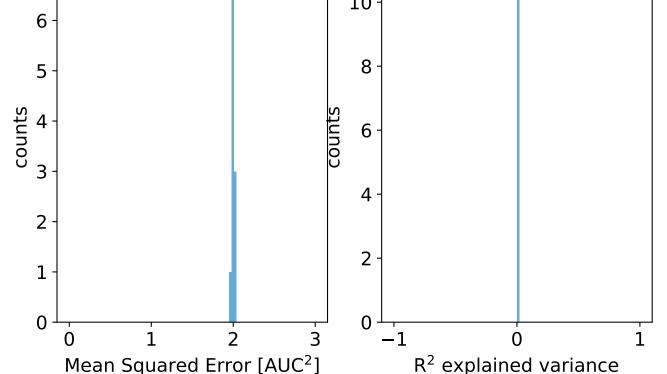
## learning\_rate = -5.00, reg\_par = -5.00



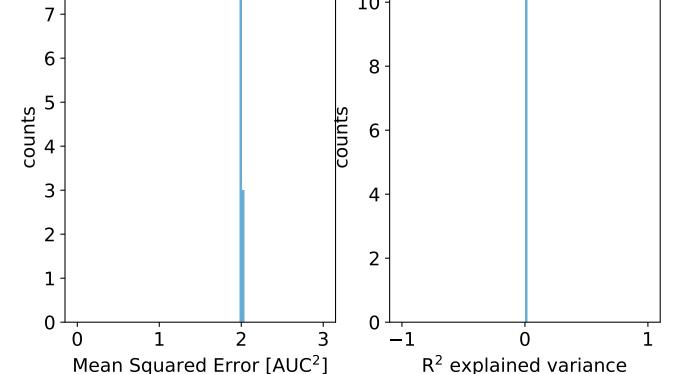
 $learning_rate = -1.00, reg_par = -1.00$ 



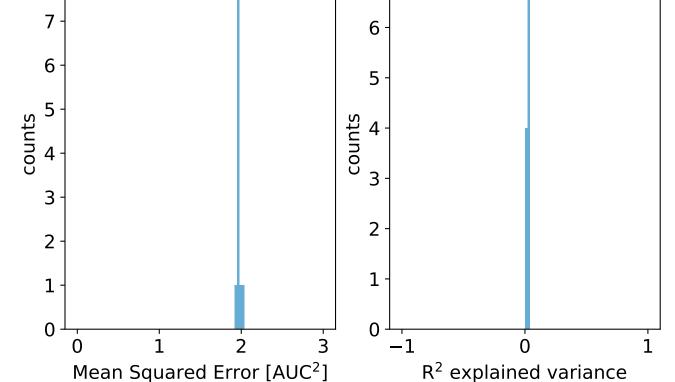
 $learning_rate = -1.44$ ,  $reg_par = -1.44$ 



 $learning_rate = -1.89$ ,  $reg_par = -1.89$ 

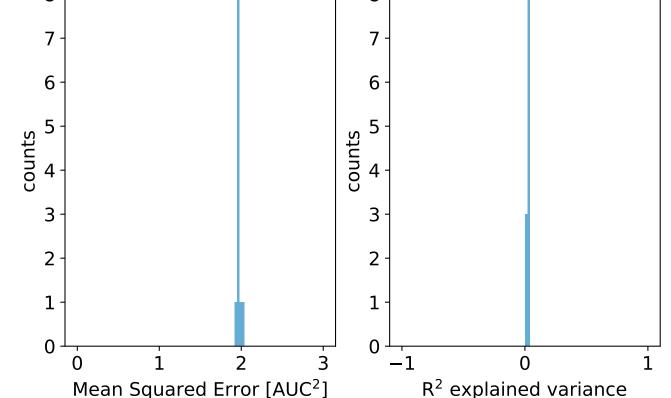


 $learning_rate = -2.33, reg_par = -2.33$ 

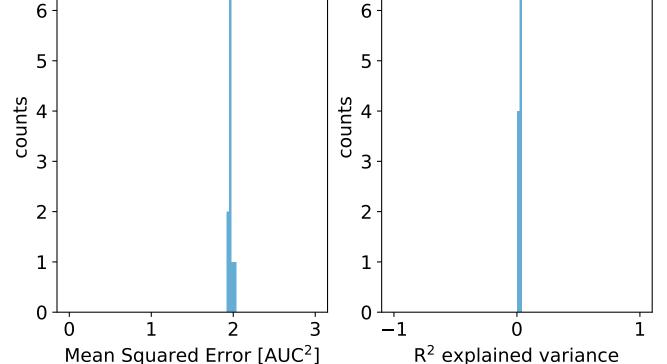


8-

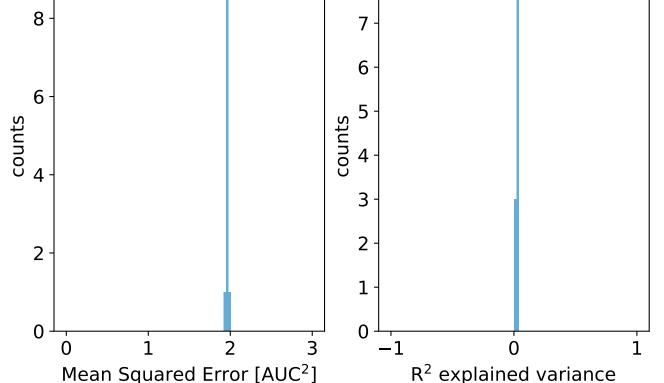
 $learning_rate = -2.78$ ,  $reg_par = -2.78$ 



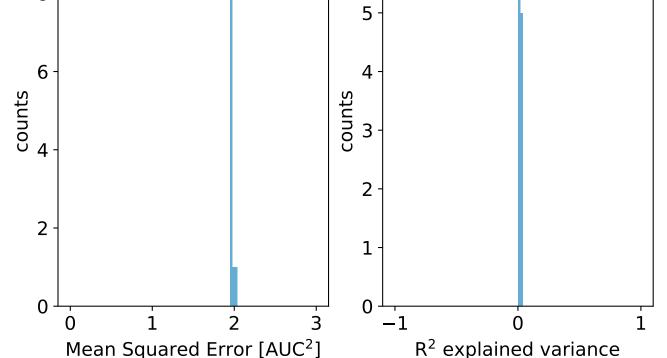
 $learning_rate = -3.22, reg_par = -3.22$ 



 $learning_rate = -3.67, reg_par = -3.67$ 

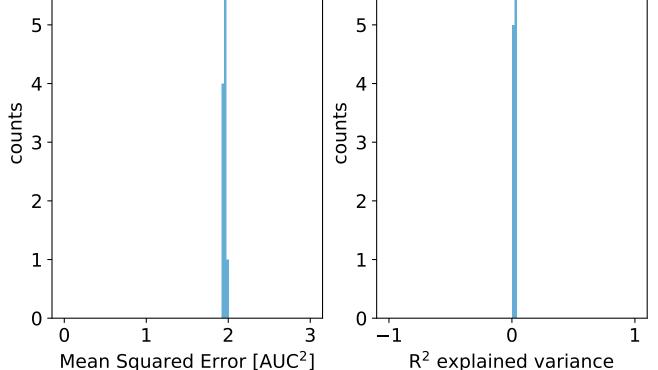


learning\_rate = -4.11, reg\_par = -4.11 6 -8 5 6



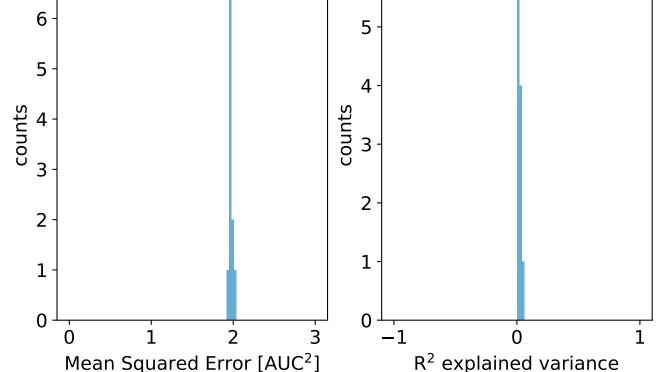
6 6 -5 5

 $learning_rate = -4.56$ ,  $reg_par = -4.56$ 



6 -6 5 5

 $learning_rate = -5.00, reg_par = -5.00$ 



R<sup>2</sup> explained variance