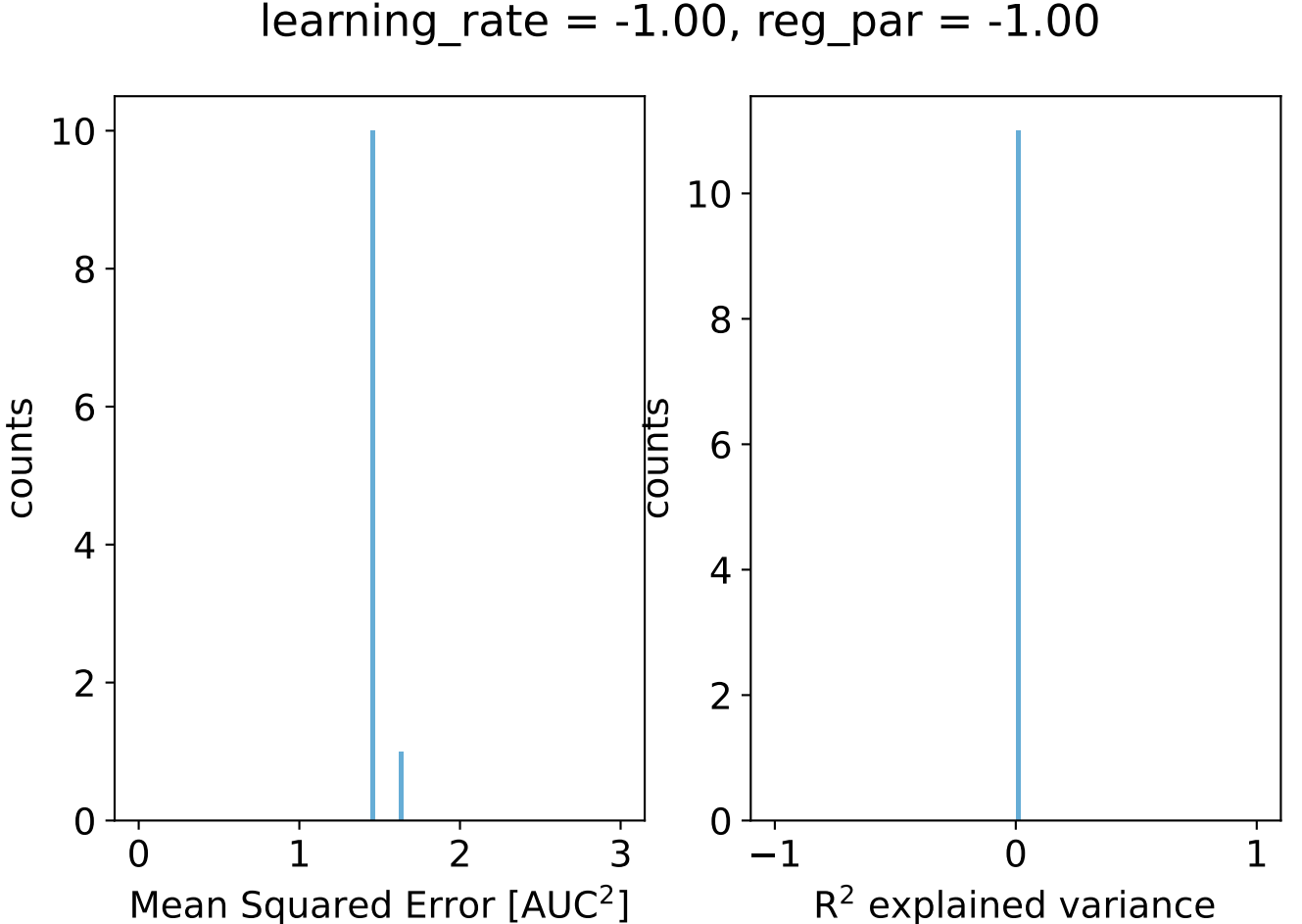
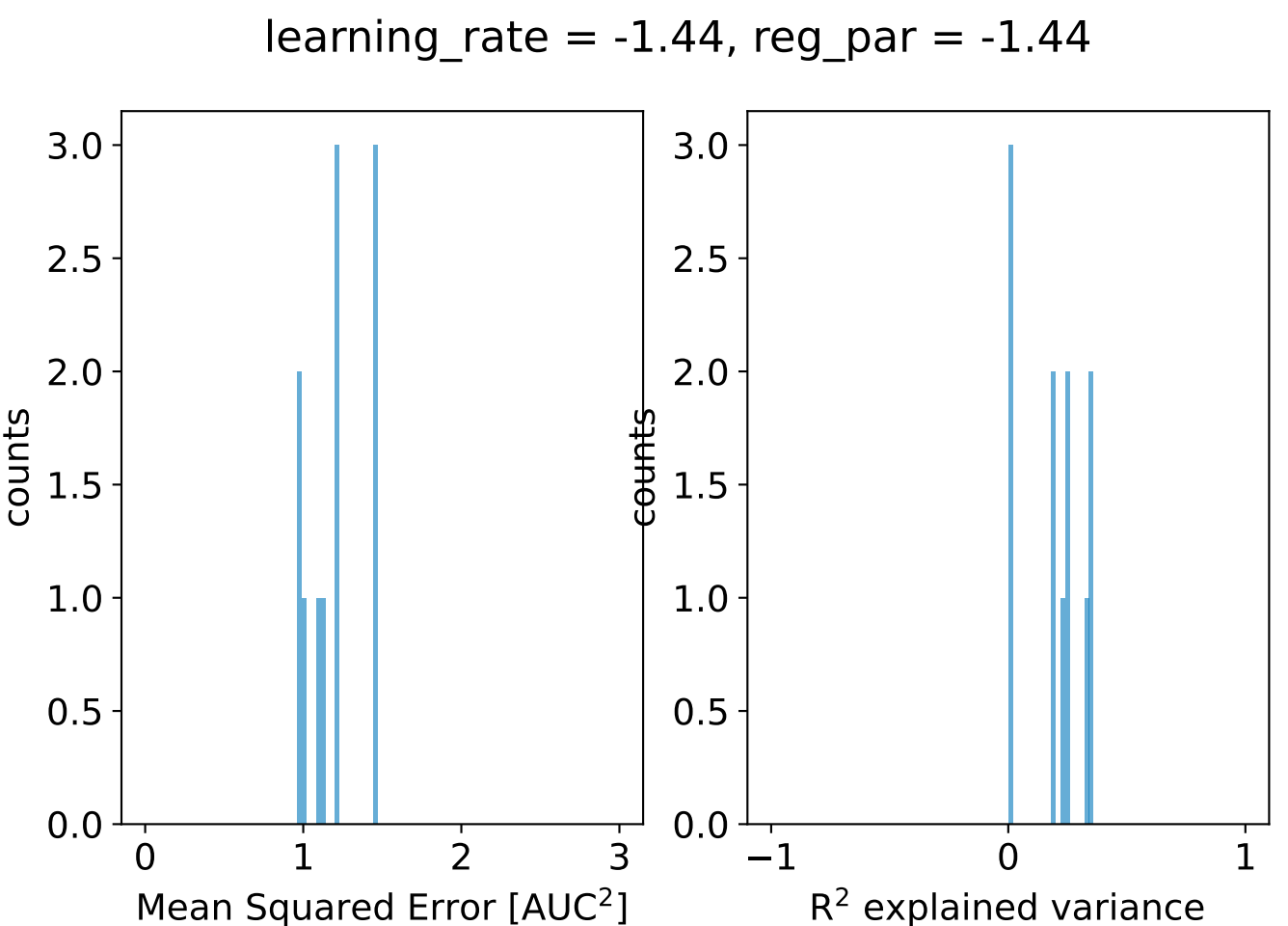
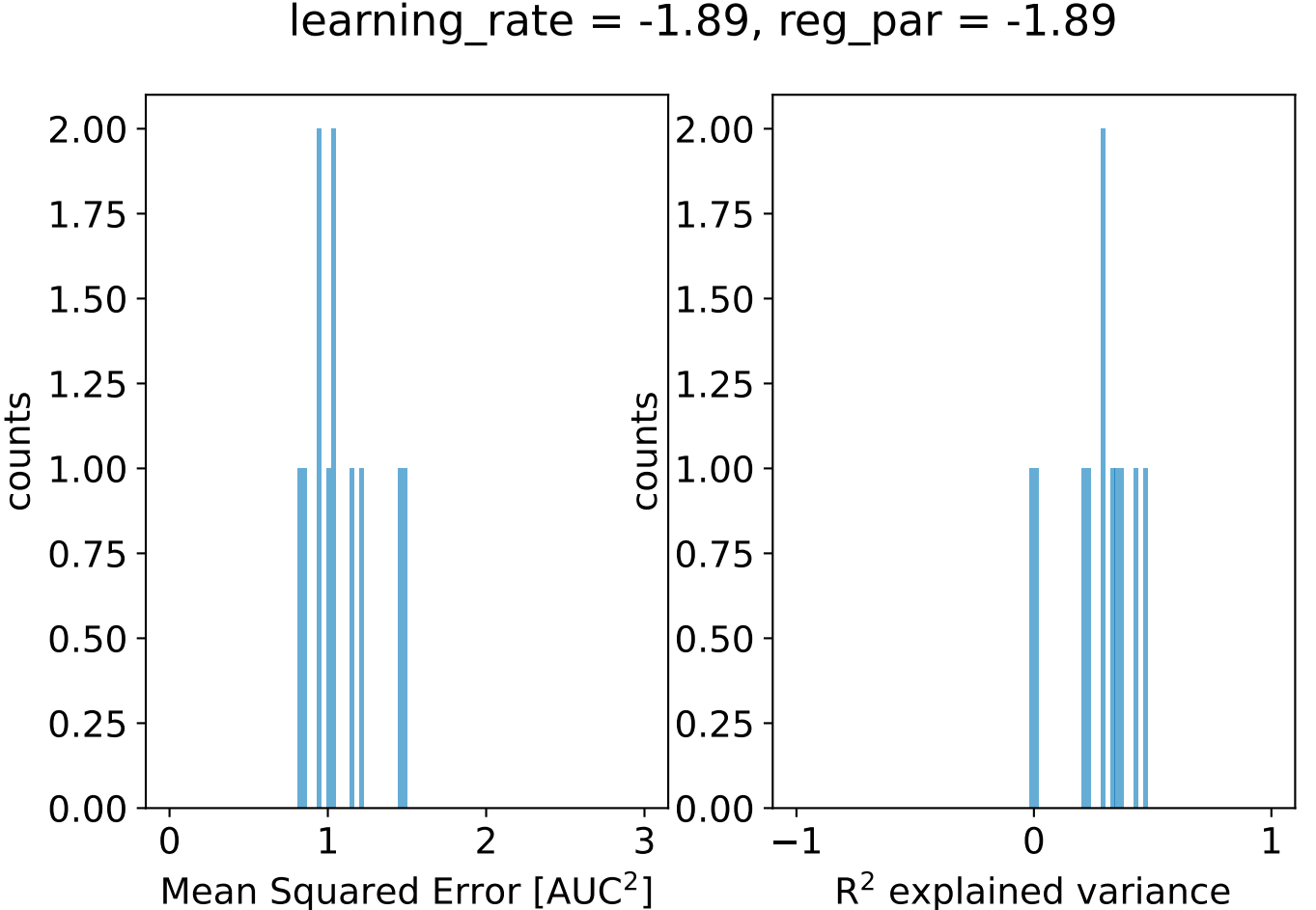
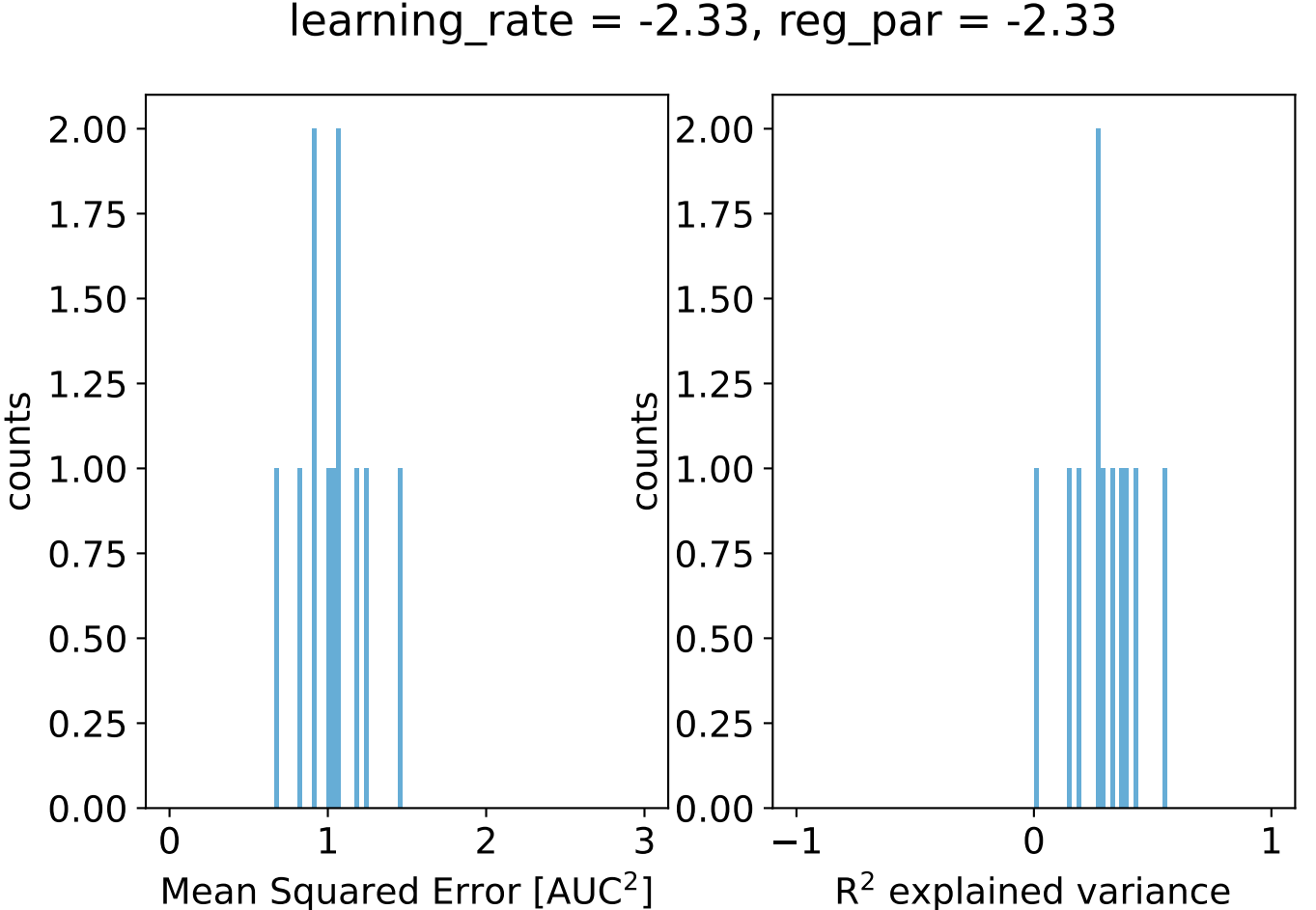
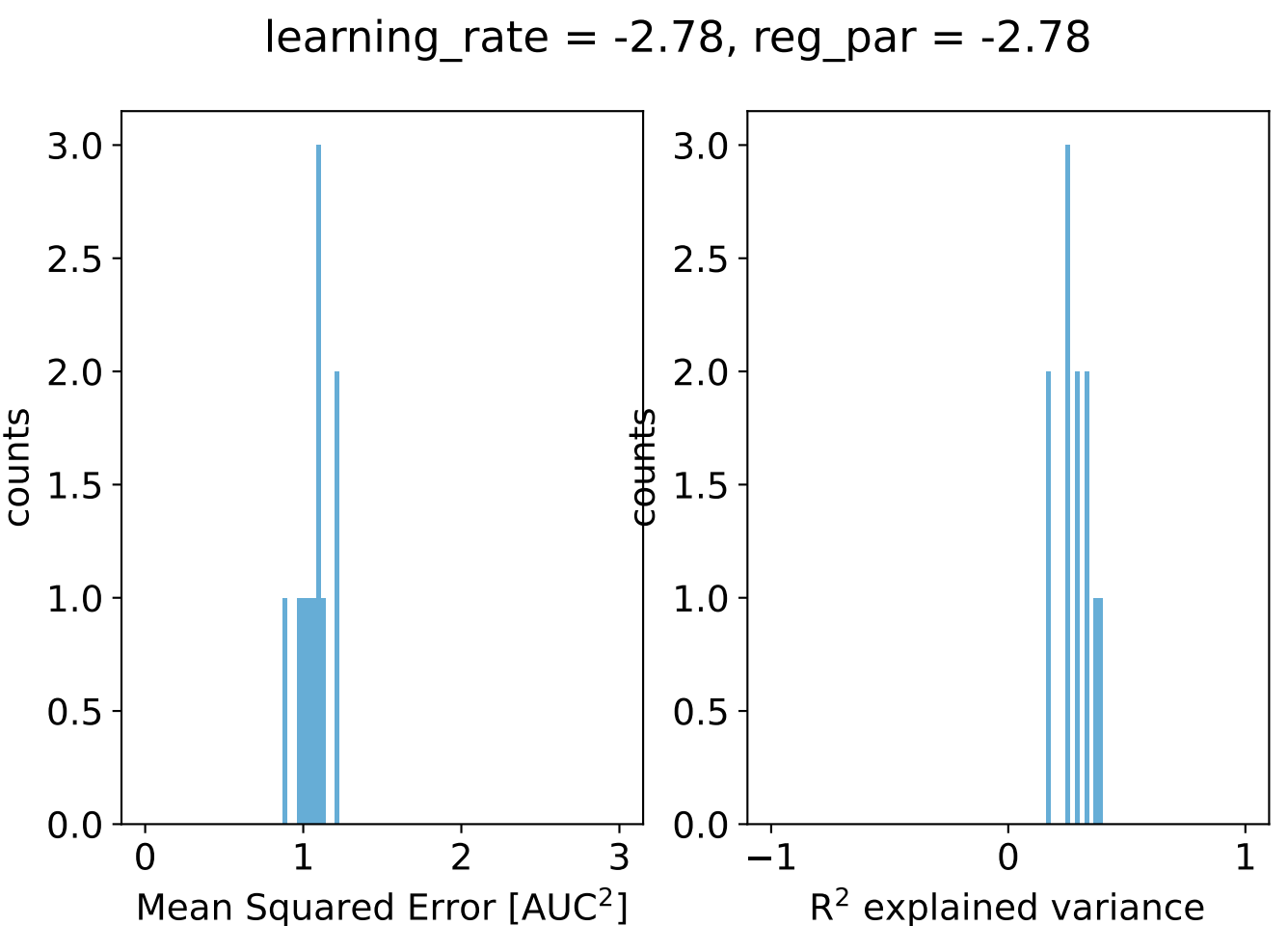
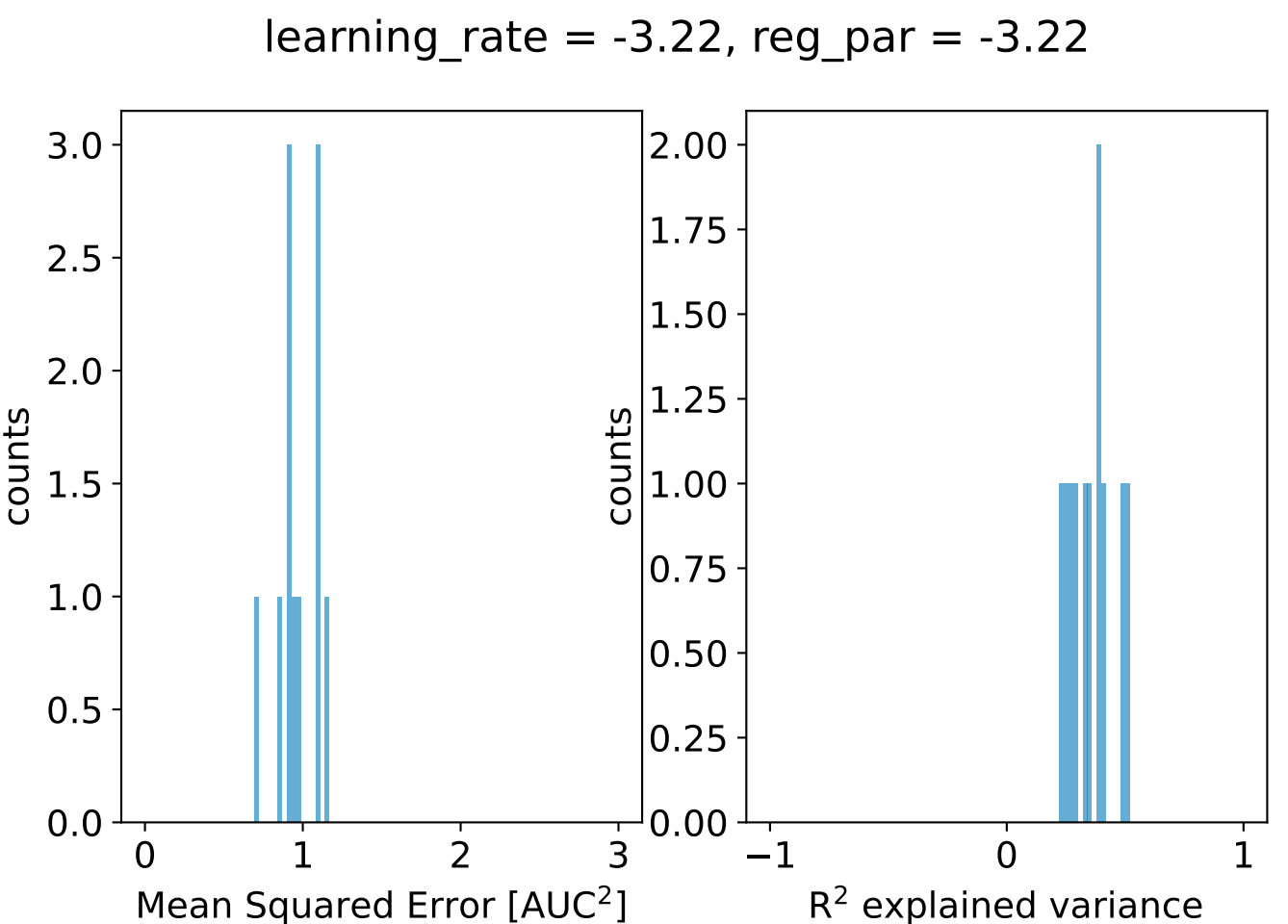

learning_rate = -1.00, reg_par = -1.00
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance

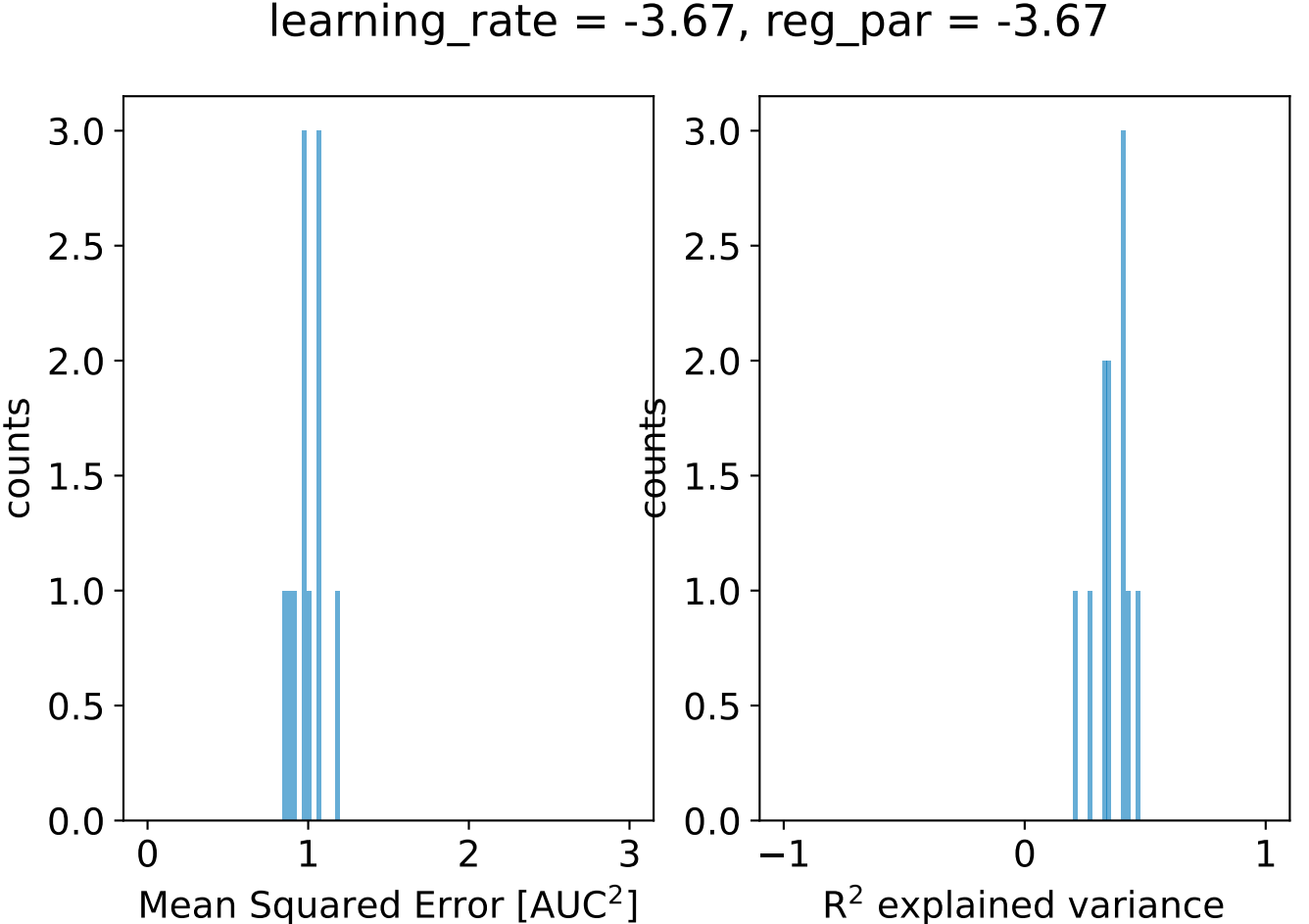

learning_rate = -1.44, reg_par = -1.44
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
2
3
Mean Squared Error [AUC^2]
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance

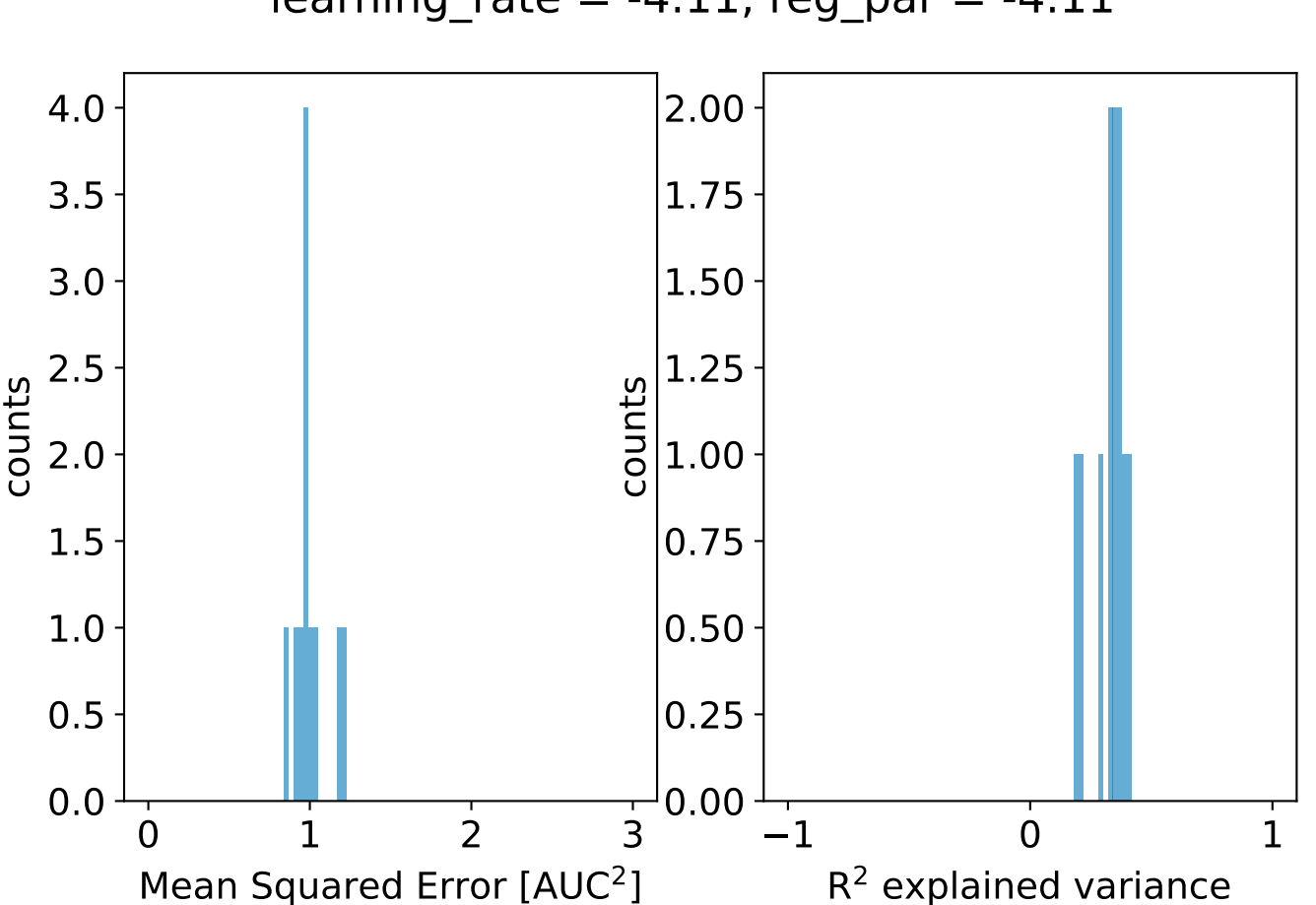

learning_rate = -1.89, reg_par = -1.89
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
−1
0
1
R^2 explained variance

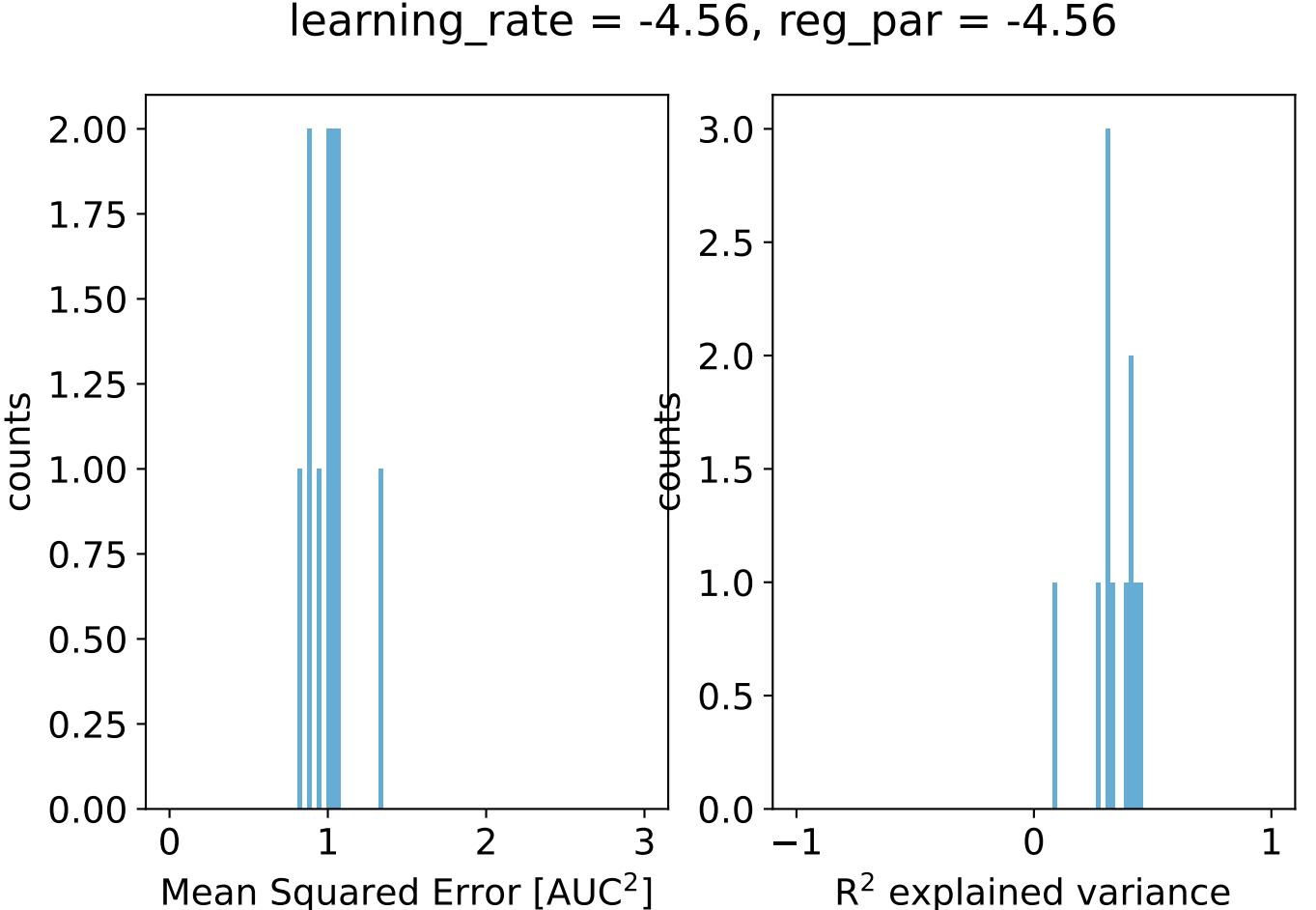

learning_rate = -2.33, reg_par = -2.33
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
−1
0
1
R^2 explained variance

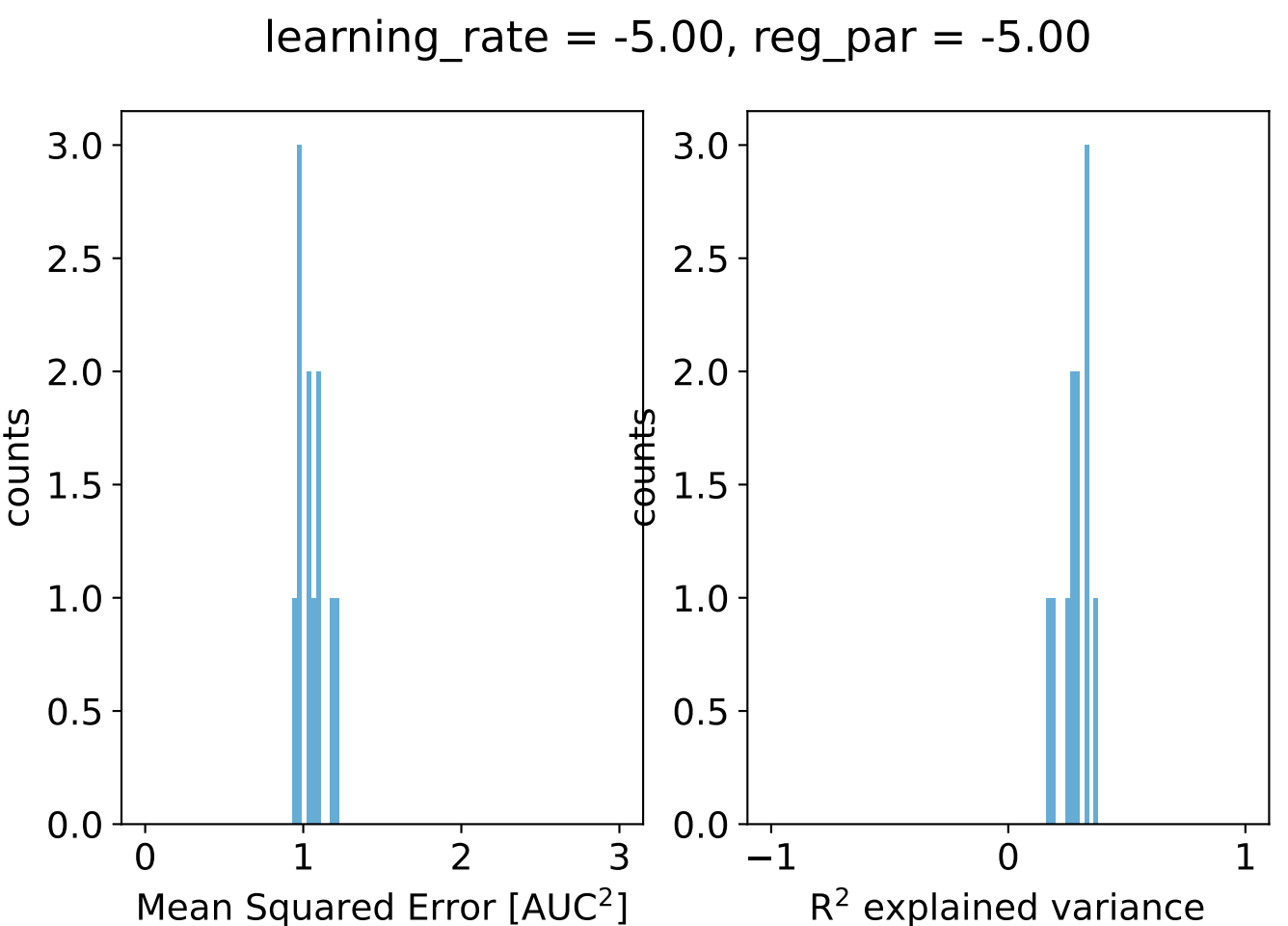

learning_rate = -2.78, reg_par = -2.78
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
2
3
Mean Squared Error [AUC^2]
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance

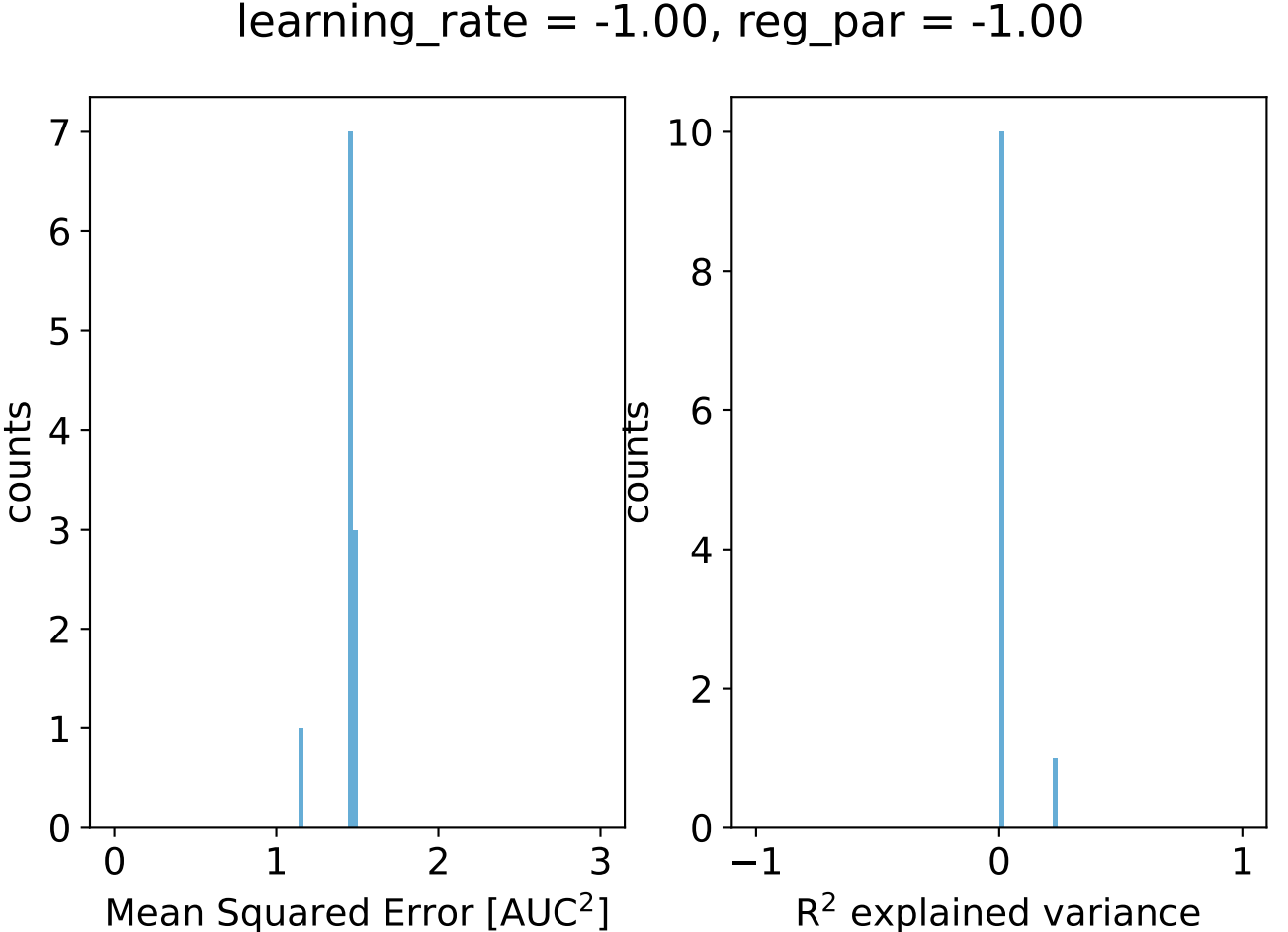

learning_rate = -3.22, reg_par = -3.22
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance

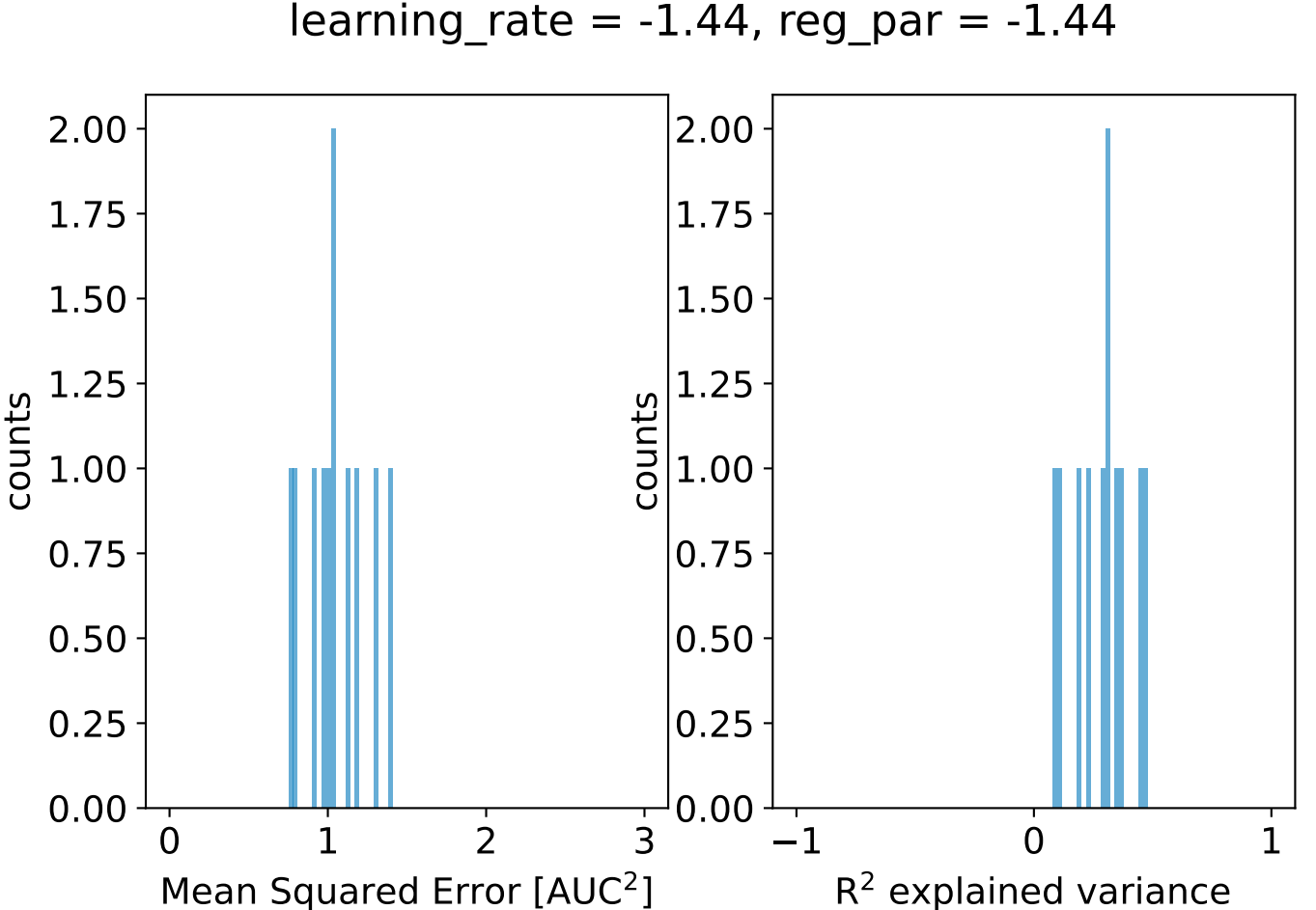

learning_rate = -3.67, reg_par = -3.67
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
2
3
Mean Squared Error [AUC^2]
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance


learning_rate = -4.11, reg_par = -4.11
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance


learning_rate = -4.56, reg_par = -4.56
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance


learning_rate = -5.00, reg_par = -5.00
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
2
3
Mean Squared Error [AUC^2]
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance


learning_rate = -1.00, reg_par = -1.00
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance


learning_rate = -1.44, reg_par = -1.44
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
2.00
1.75
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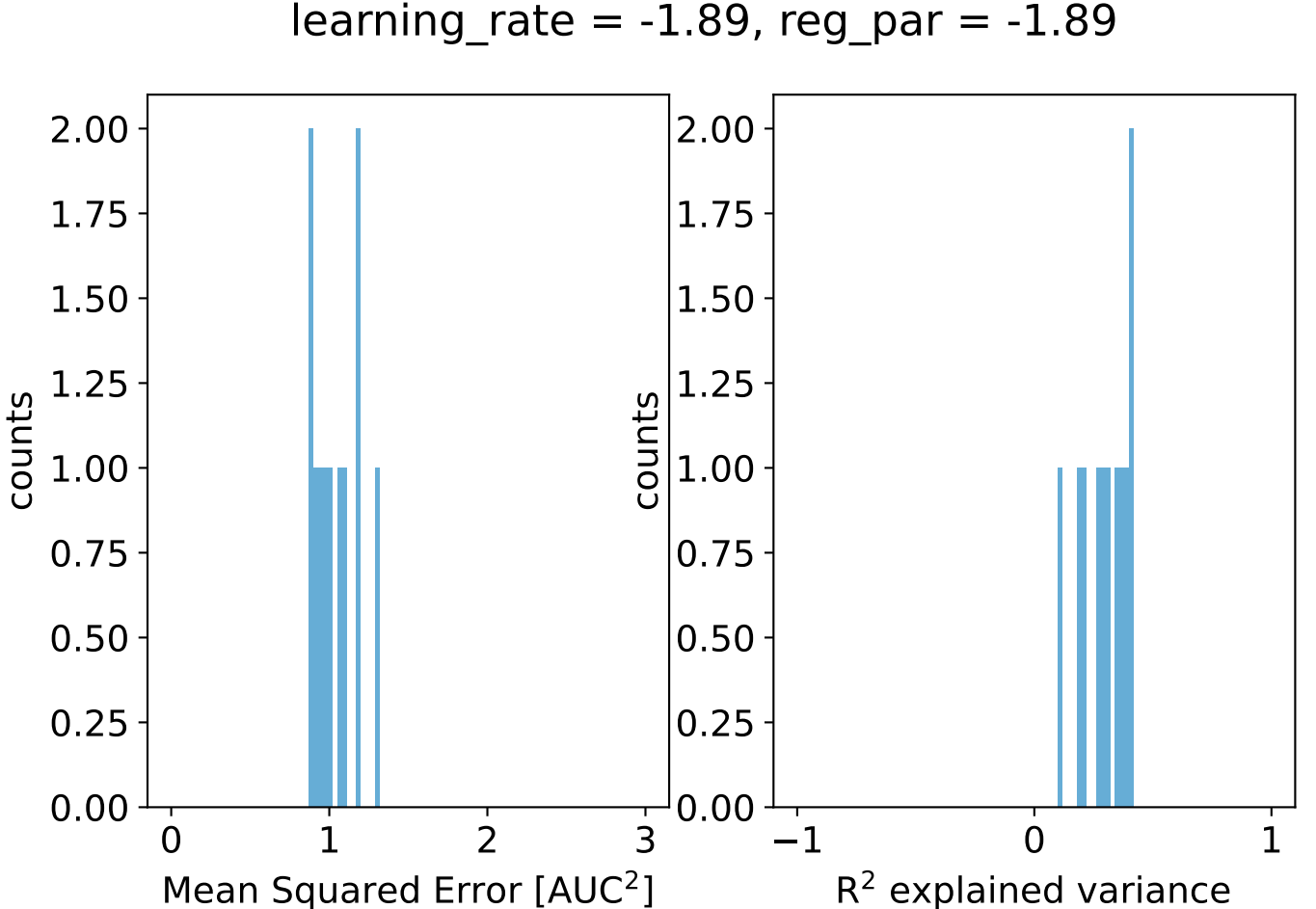
1.25
1.00
0.75
0.50
0.25
0.00
−1
0
1
R^2 explained variance


learning_rate = -1.89, reg_par = -1.89
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
2.00
1.75
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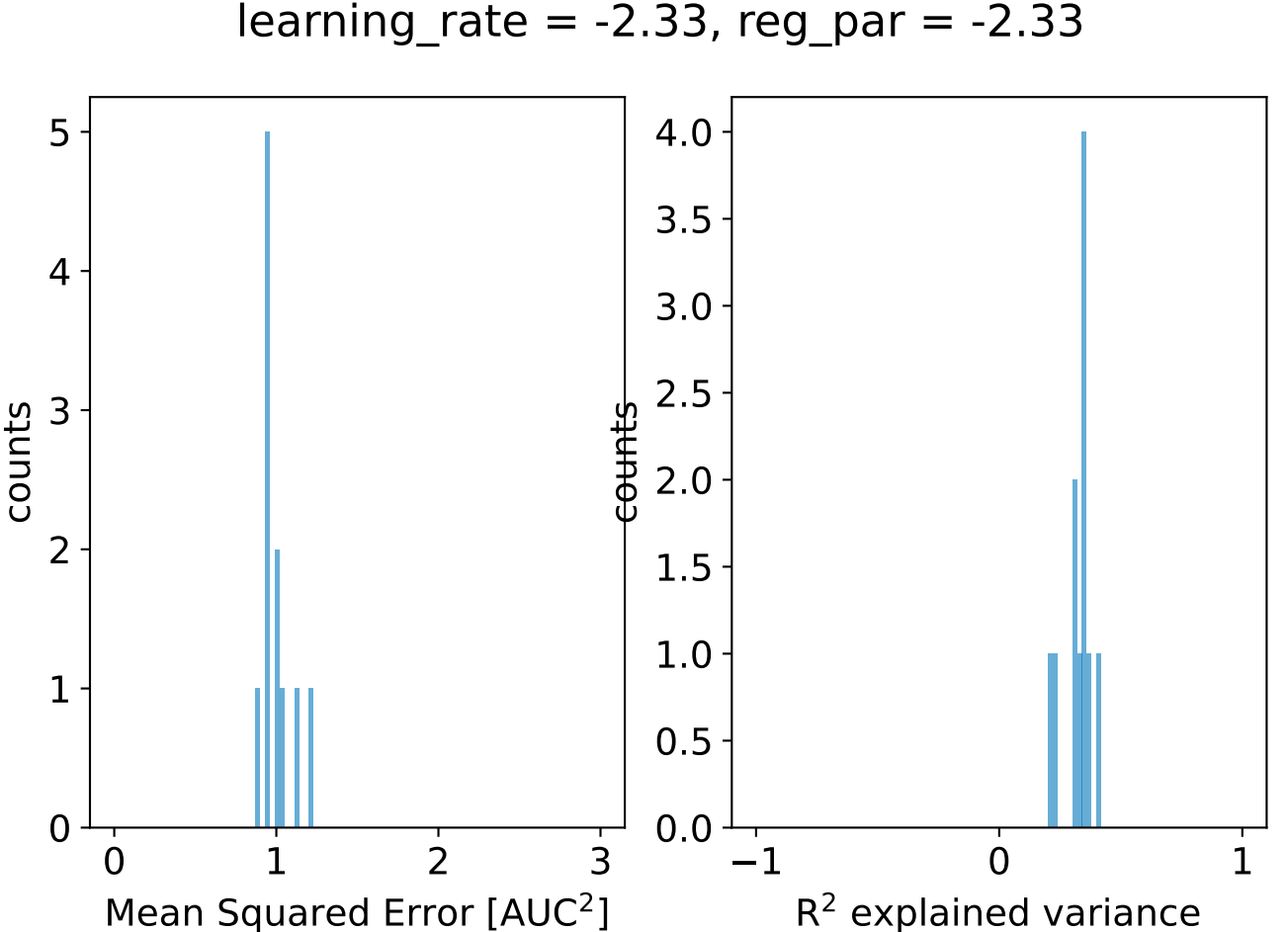
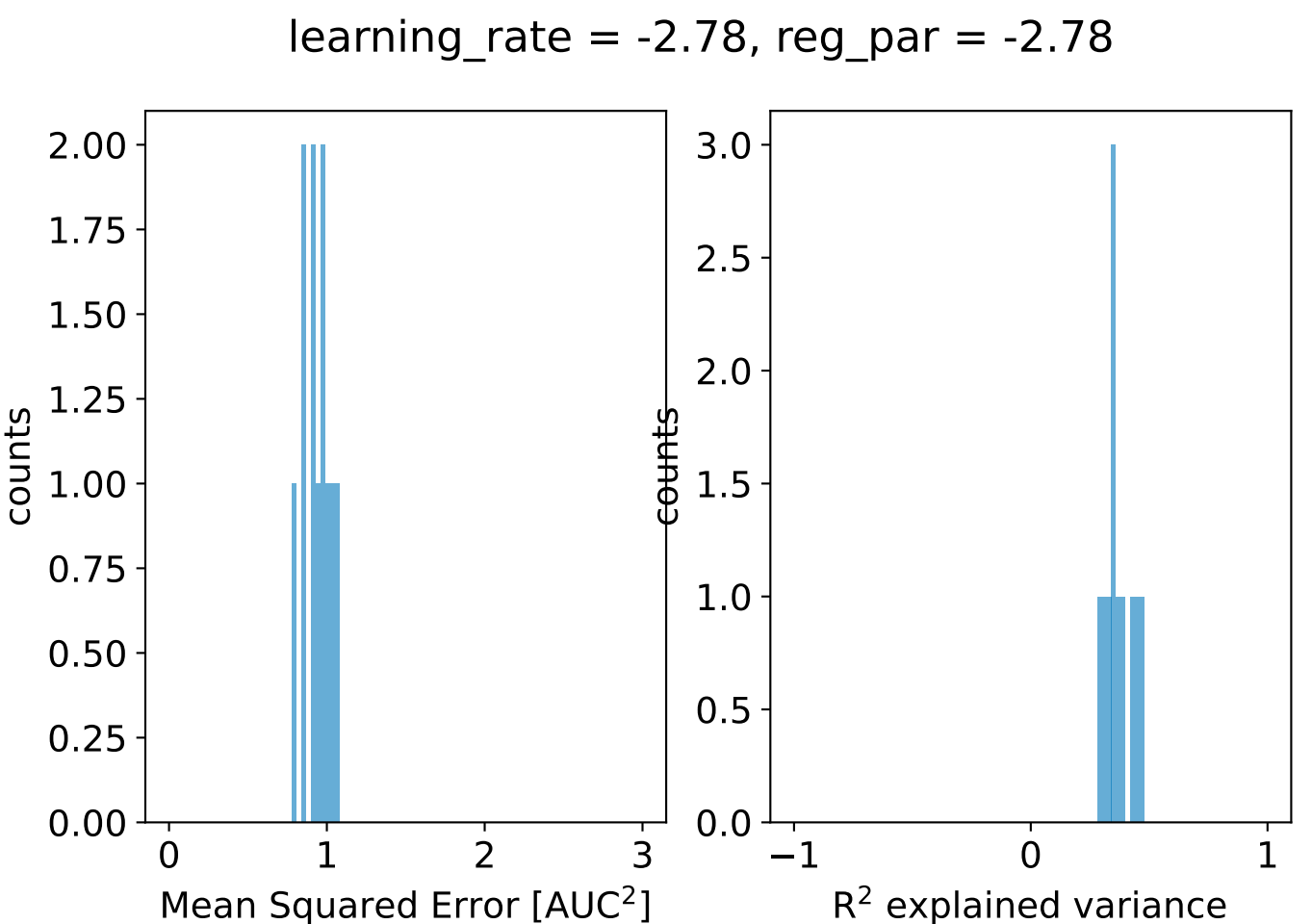
1.25
1.00
0.75
0.50
0.25
0.00
−1
0
1
R^2 explained variance


learning_rate = -2.33, reg_par = -2.33
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance


learning_rate = -2.78, reg_par = -2.78
counts
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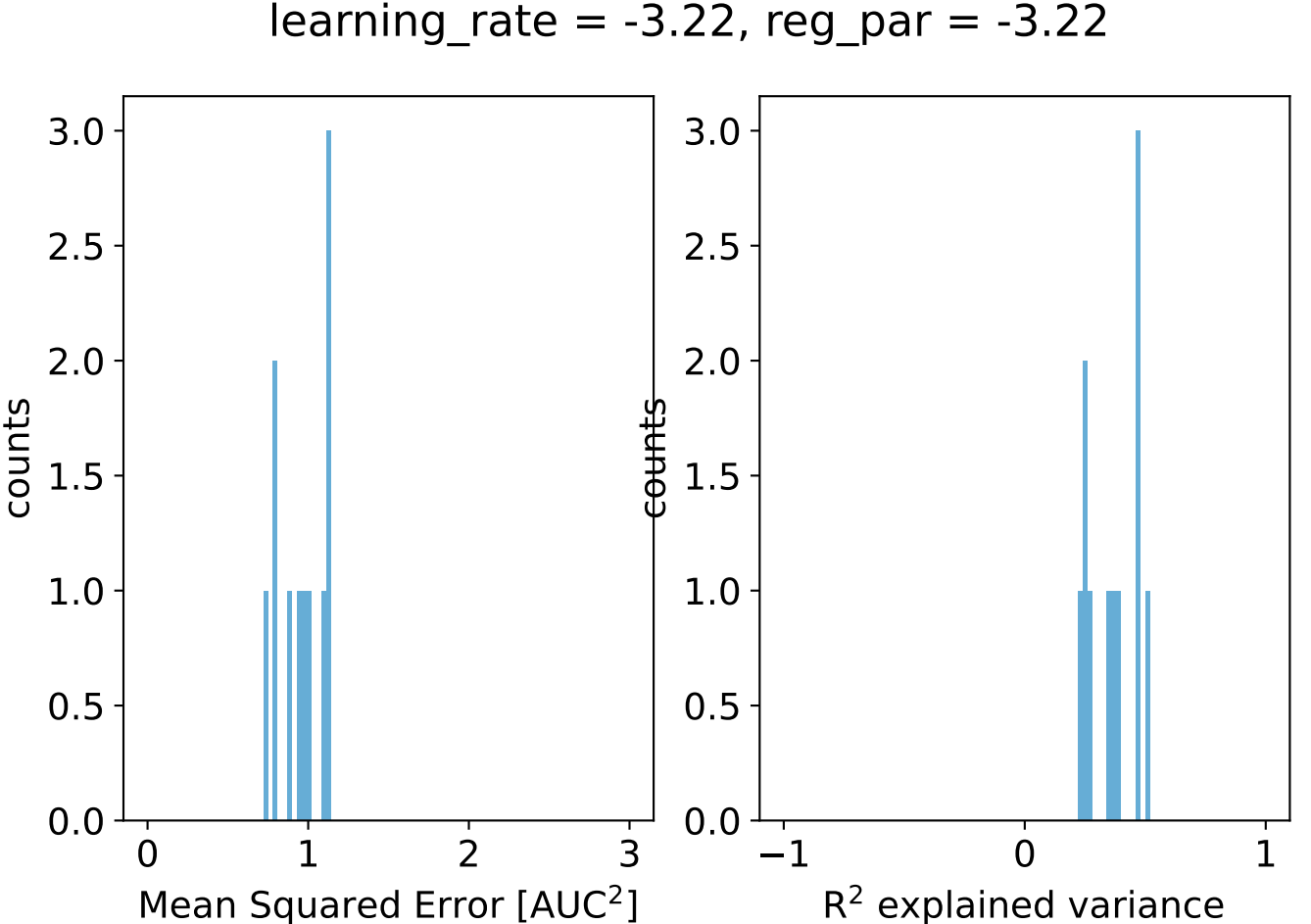
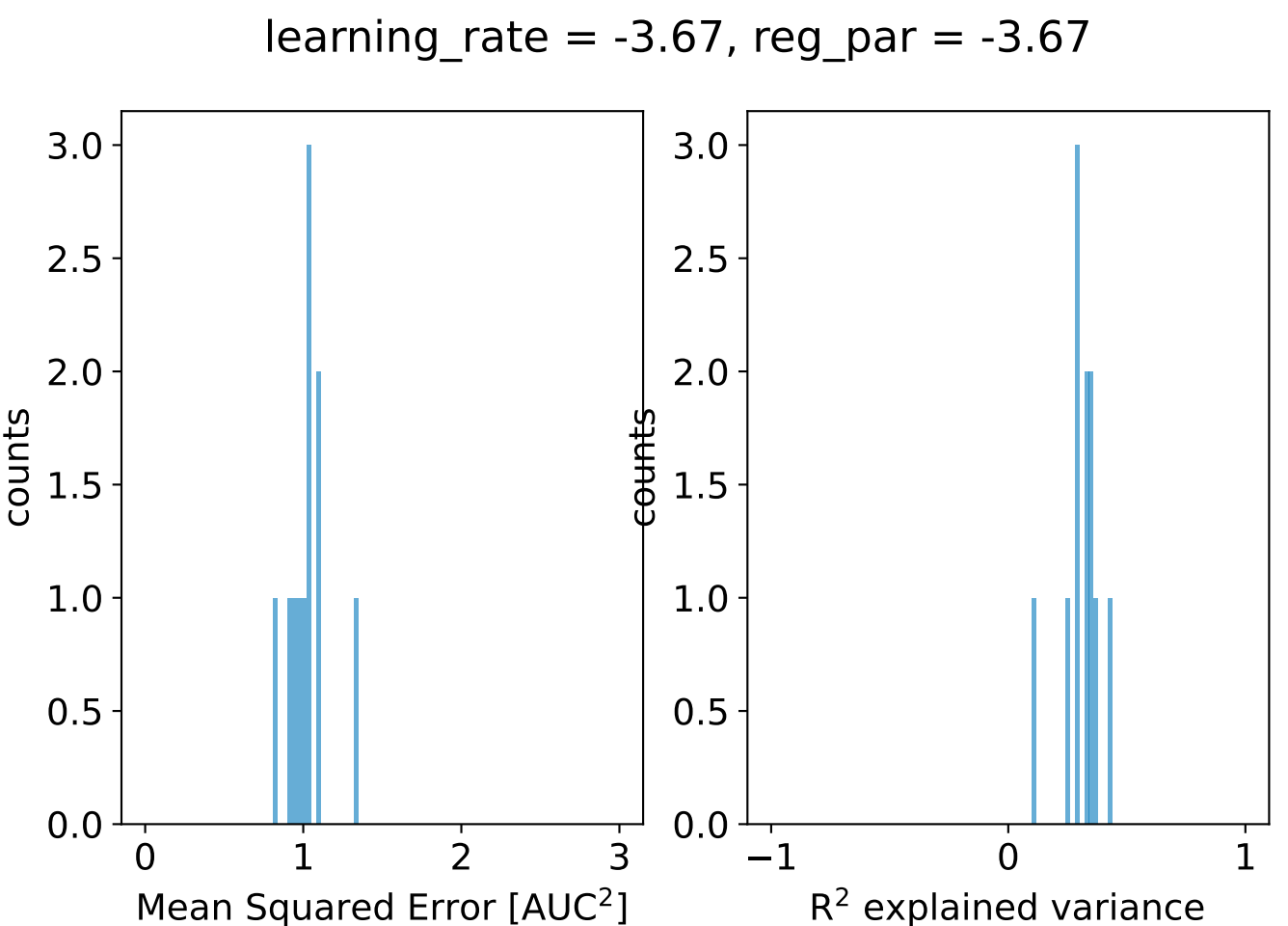
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance


learning_rate = -3.22, reg_par = -3.22
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
2
3
Mean Squared Error [AUC^2]
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance


learning_rate = -3.67, reg_par = -3.67
counts
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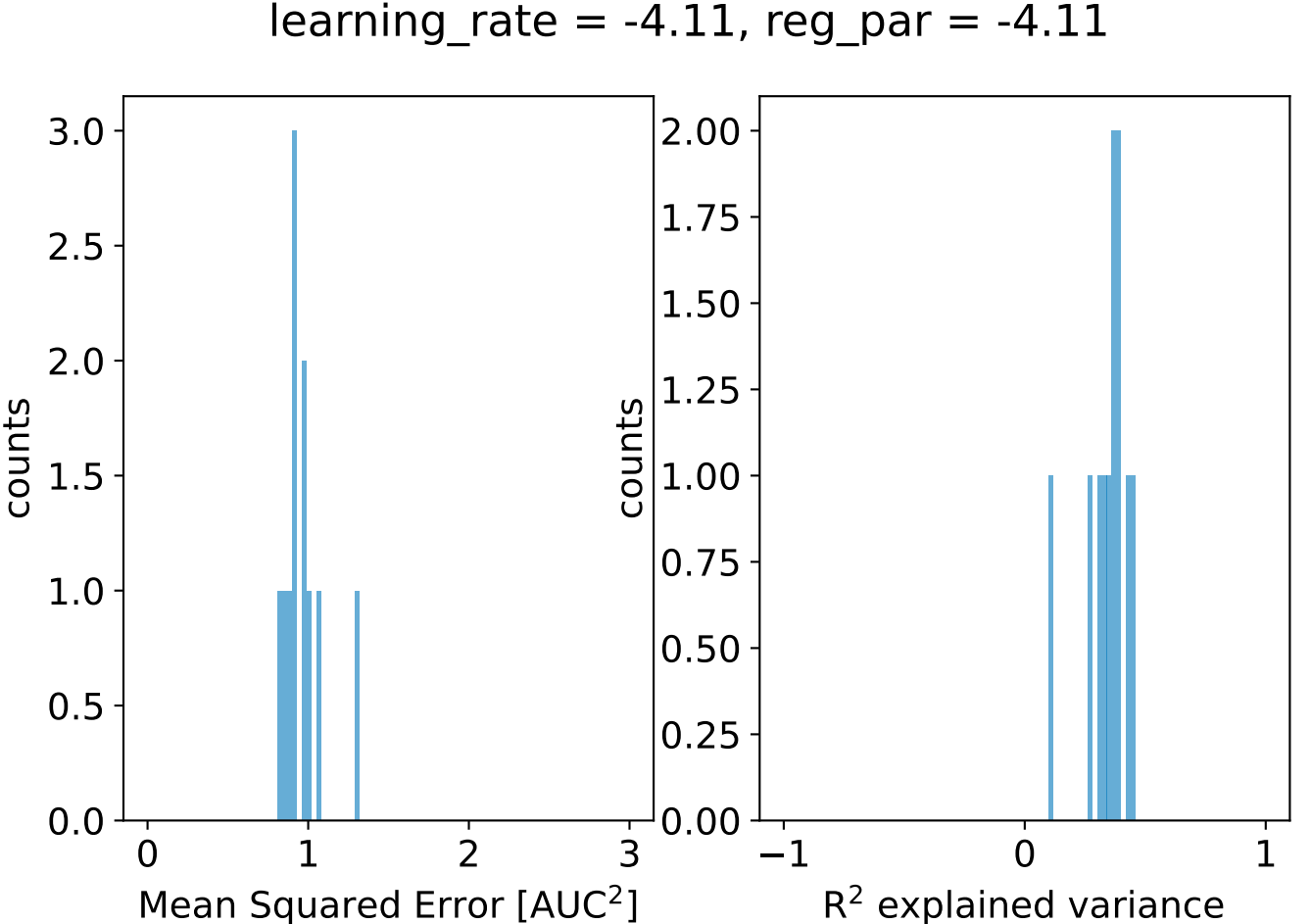
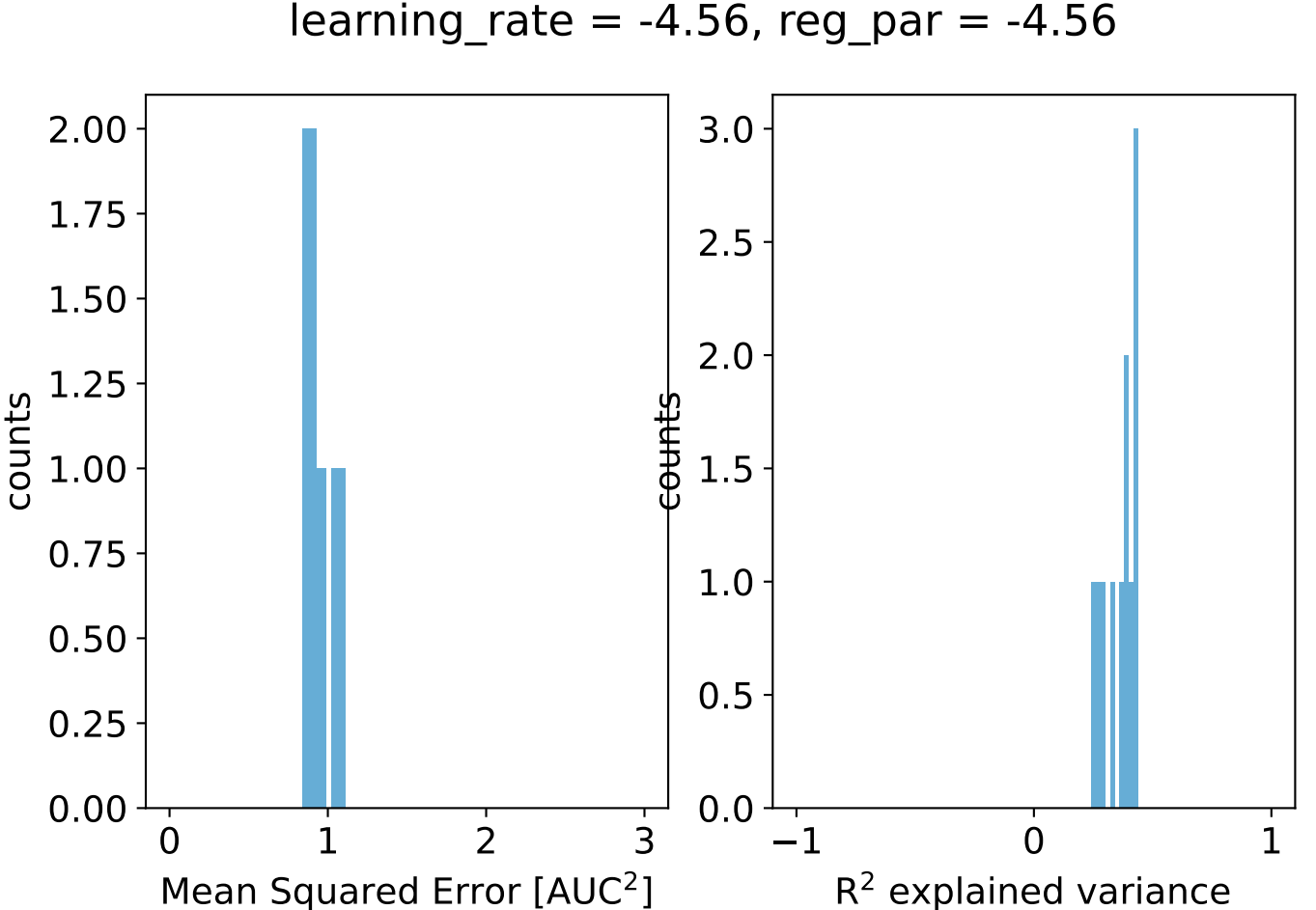
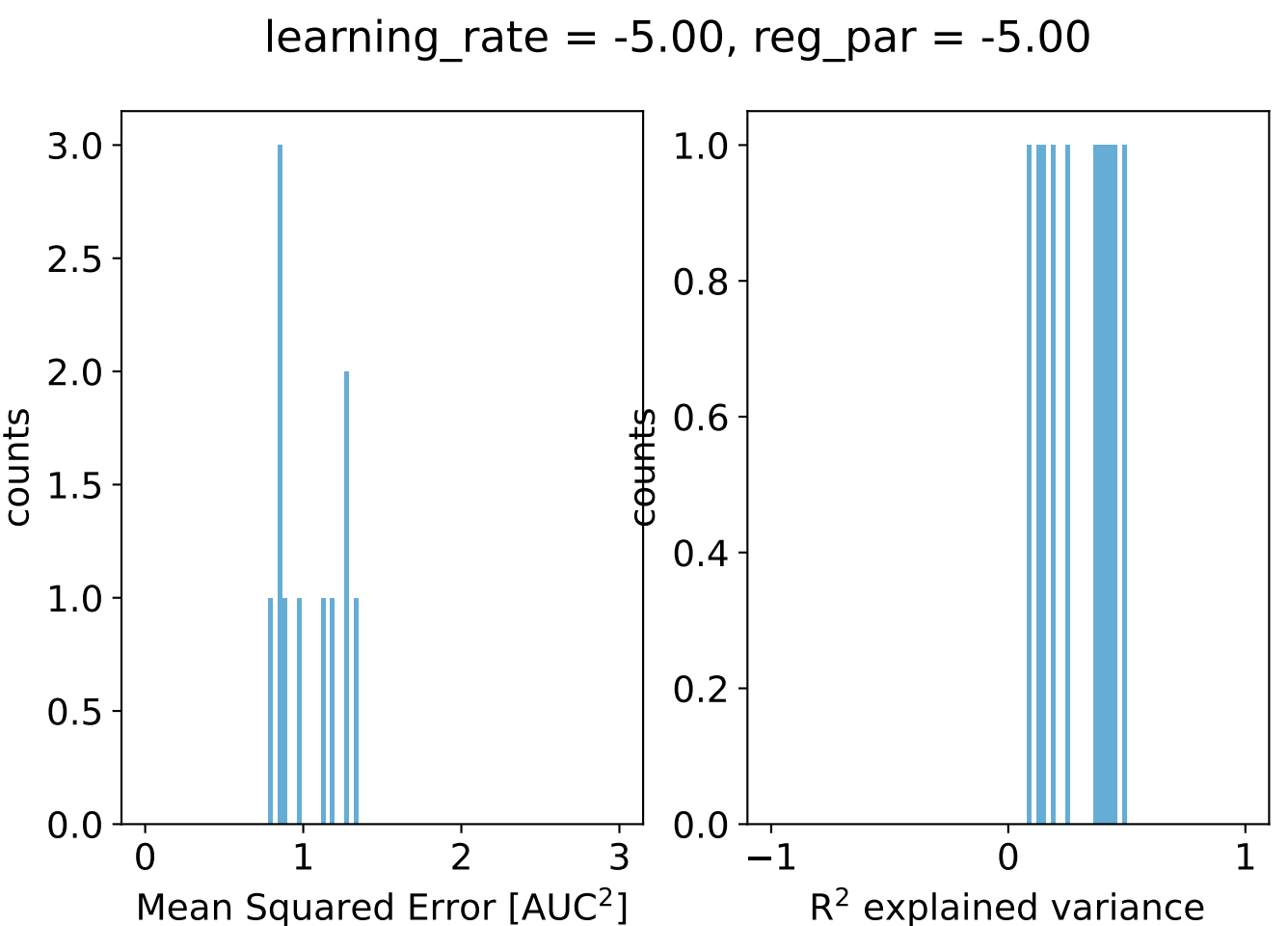
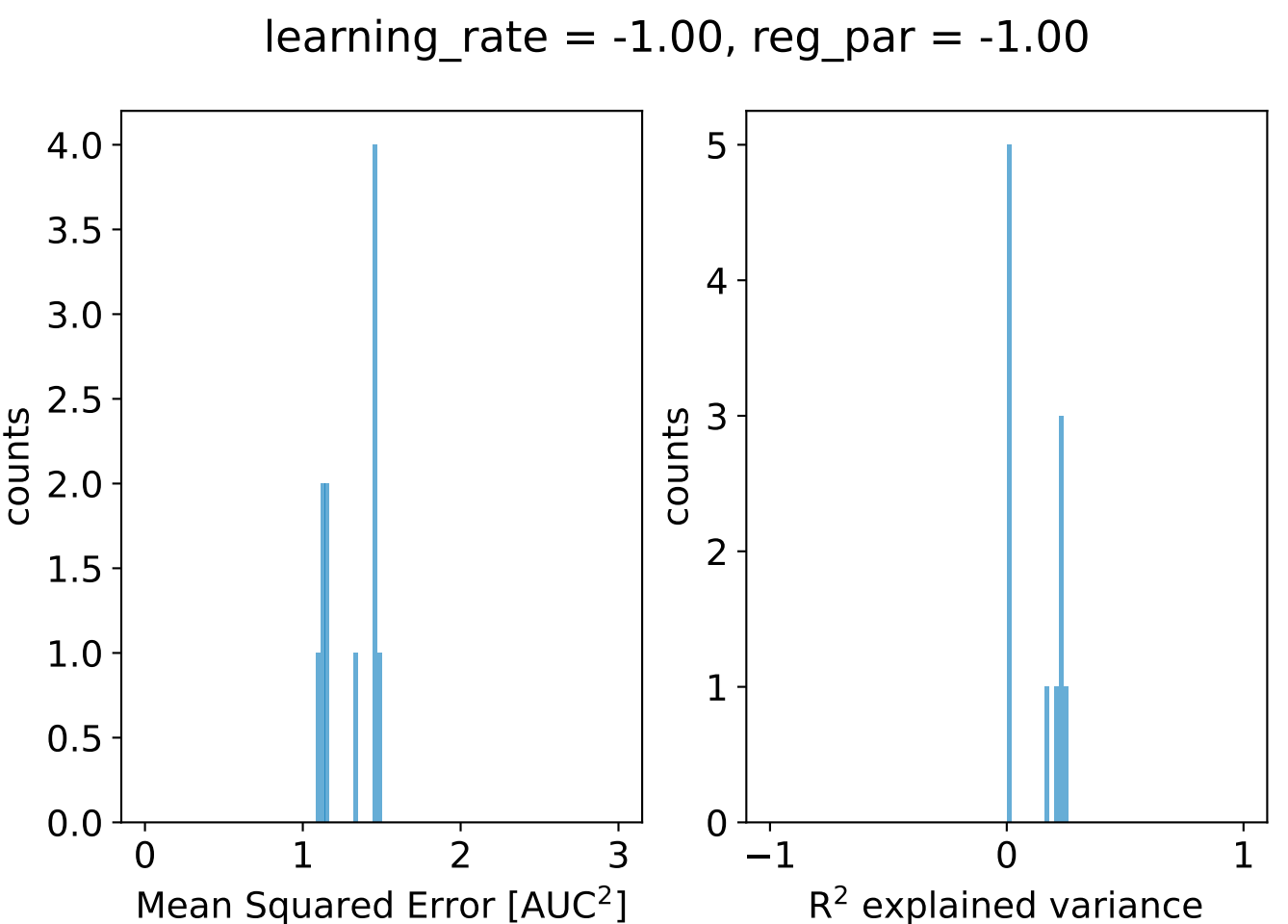
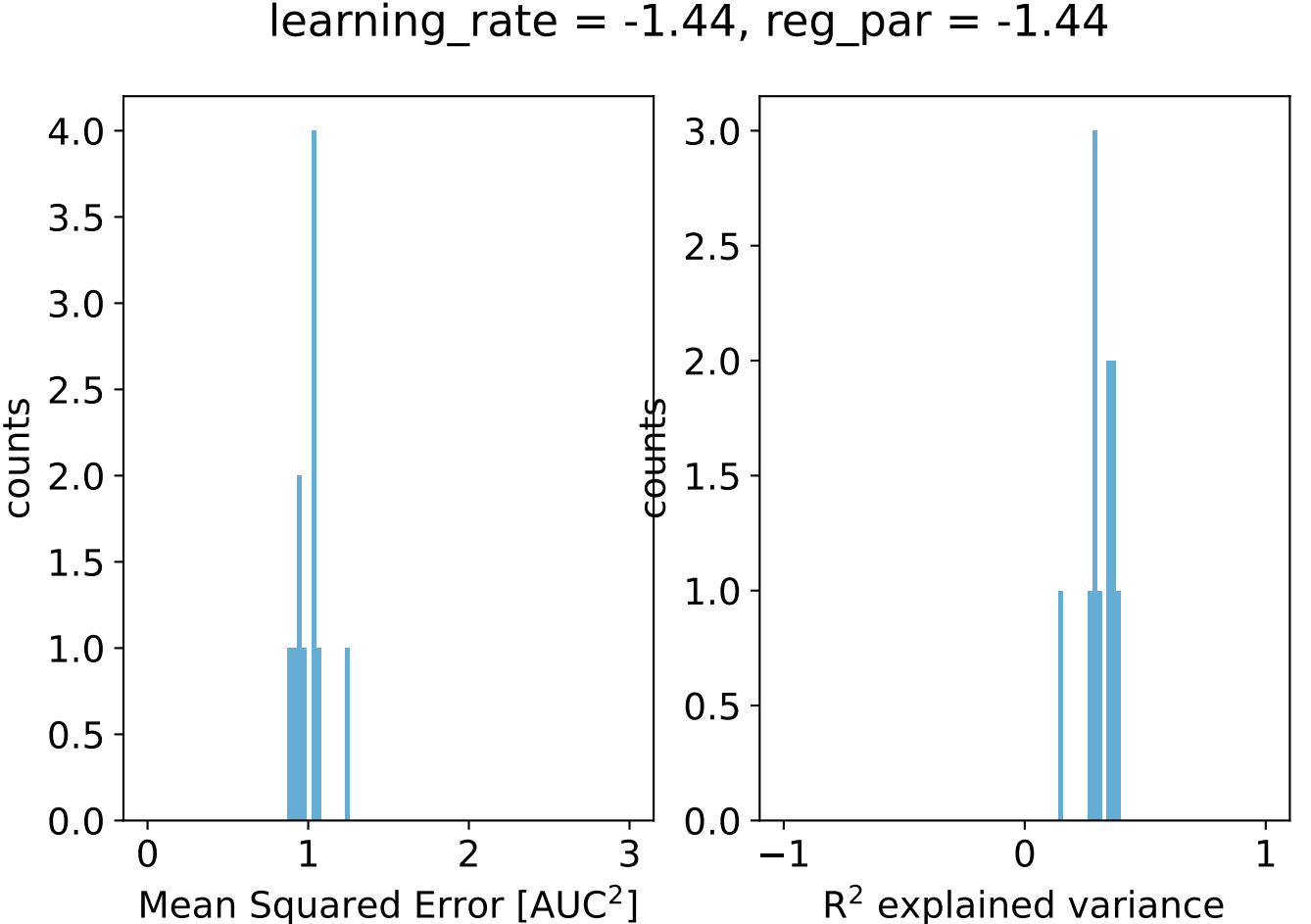
2.5
2.0
1.5
1.0
0.5
0.0
0
1
2
3
Mean Squared Error [AUC^2]
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance

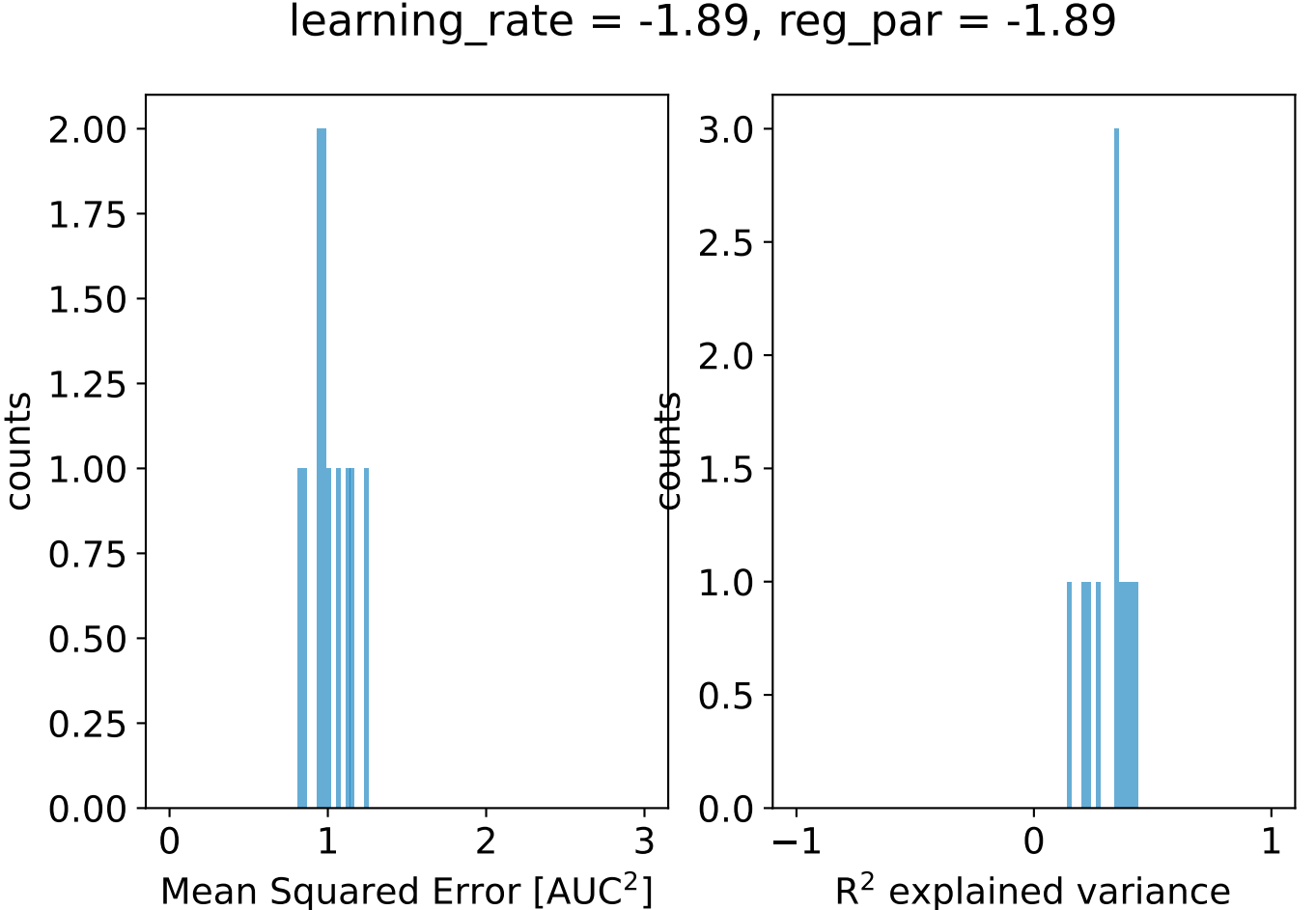

learning_rate = -4.11, reg_par = -4.11
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance


learning_rate = -4.56, reg_par = -4.56
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance


learning_rate = -5.00, reg_par = -5.00
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance


learning_rate = -1.00, reg_par = -1.00
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance


learning_rate = -1.44, reg_par = -1.44
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance


learning_rate = -1.89, reg_par = -1.89
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
3.0
2.5
2.0
1.5
1.0
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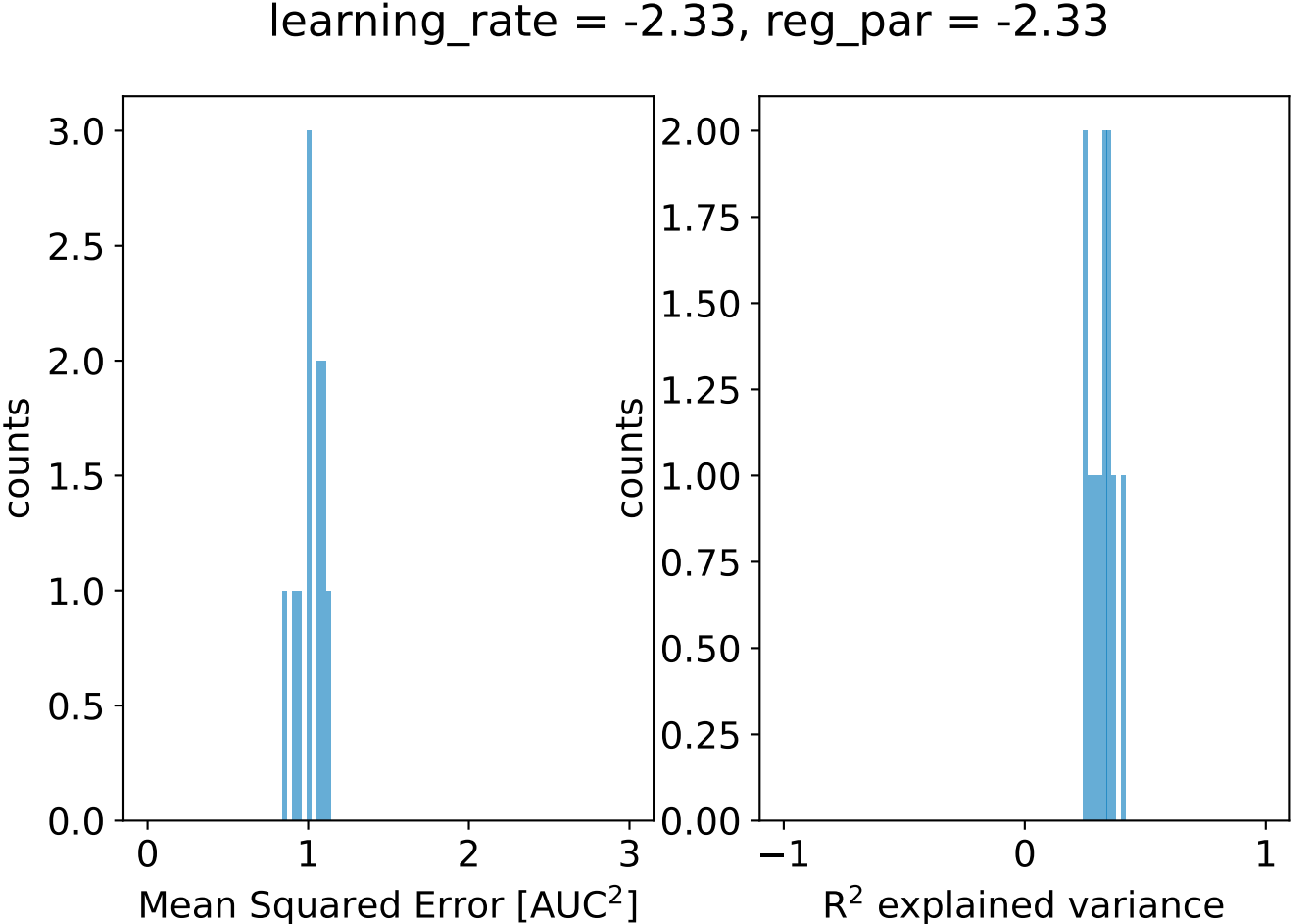
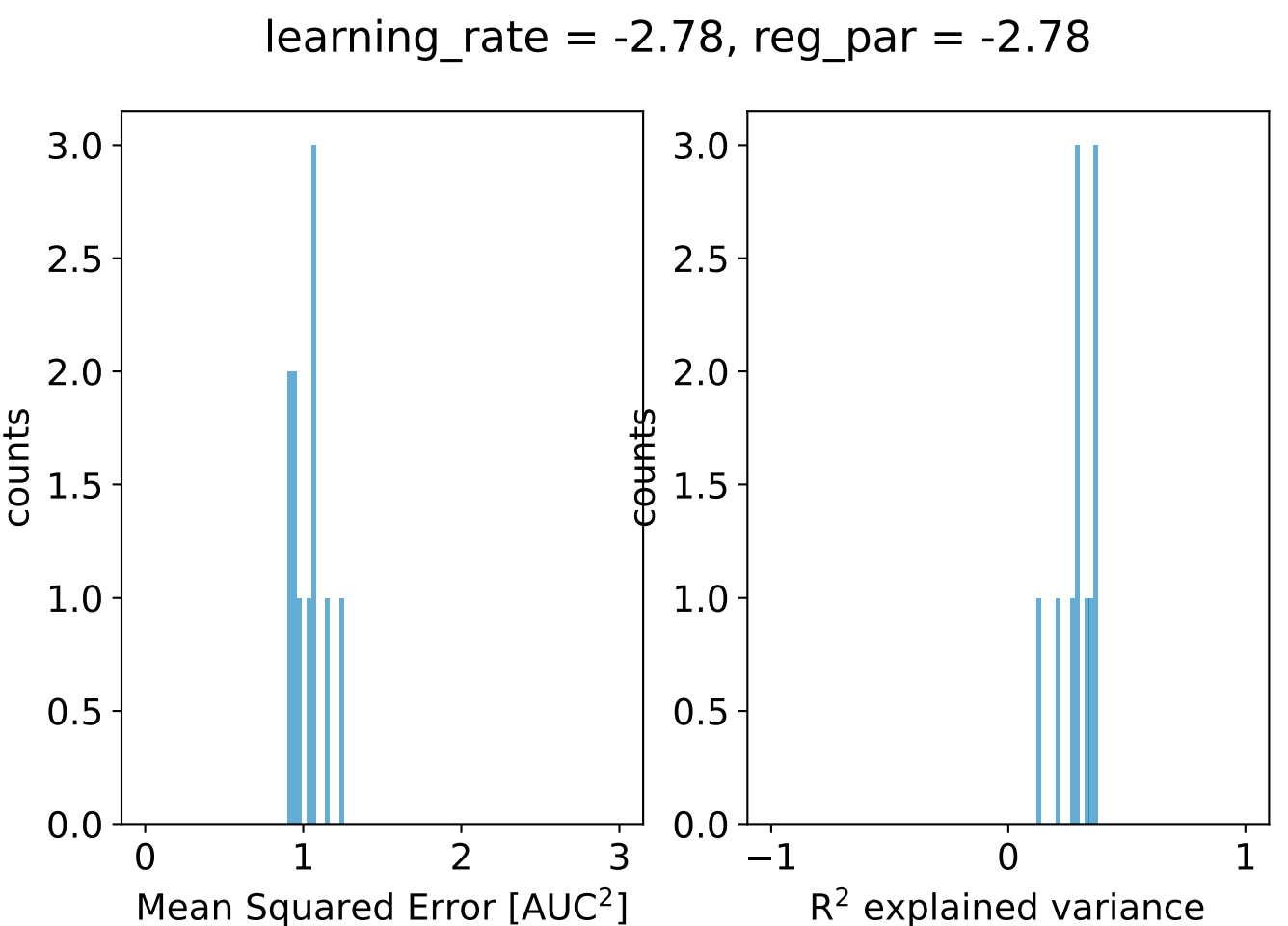
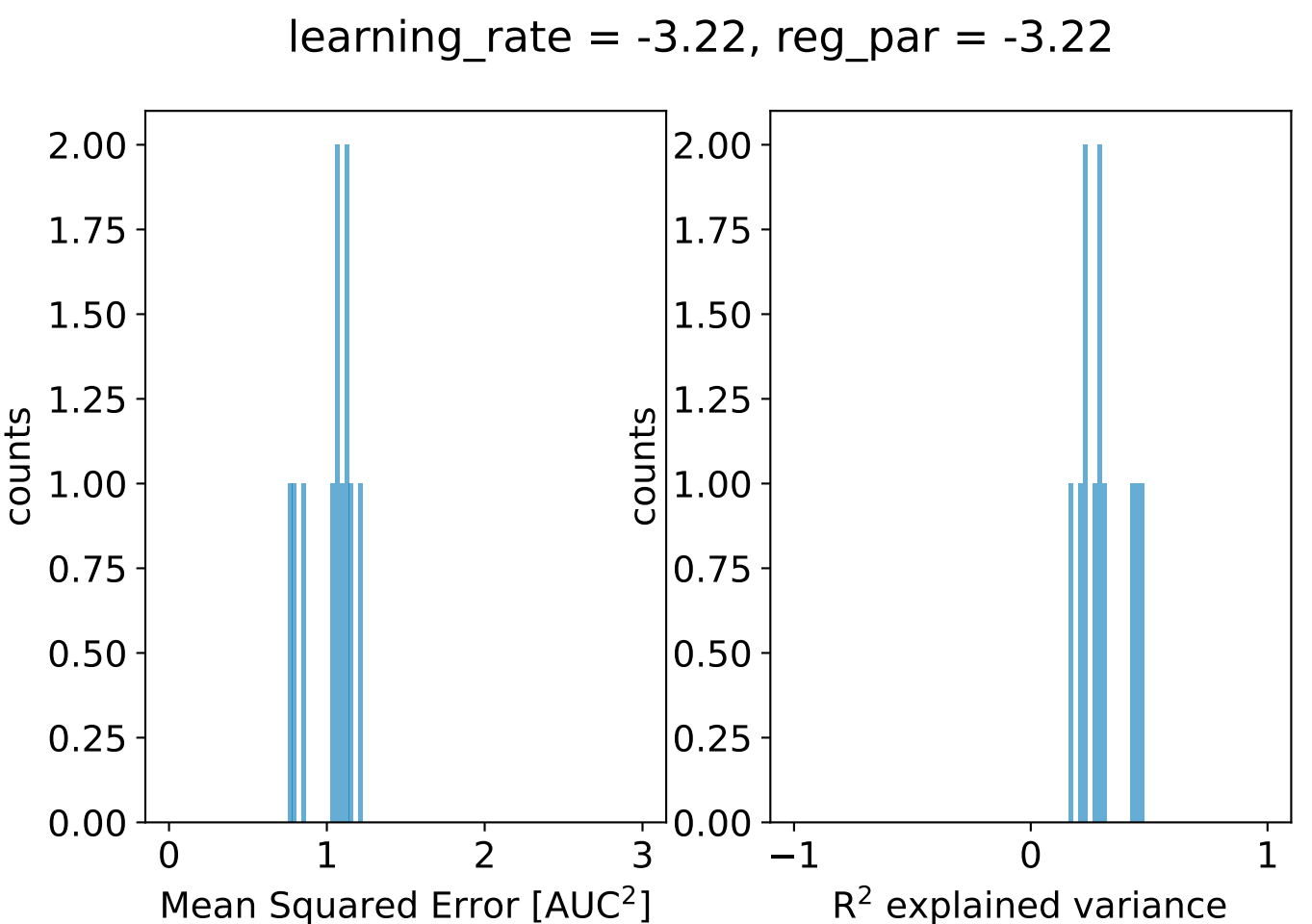
0.0
−1
0
1
R^2 explained variance


learning_rate = -2.33, reg_par = -2.33
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance


learning_rate = -2.78, reg_par = -2.78
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
2
3
Mean Squared Error [AUC^2]
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance


learning_rate = -3.22, reg_par = -3.22
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
2.00
1.75
1.50
1.25
1.00
0.75
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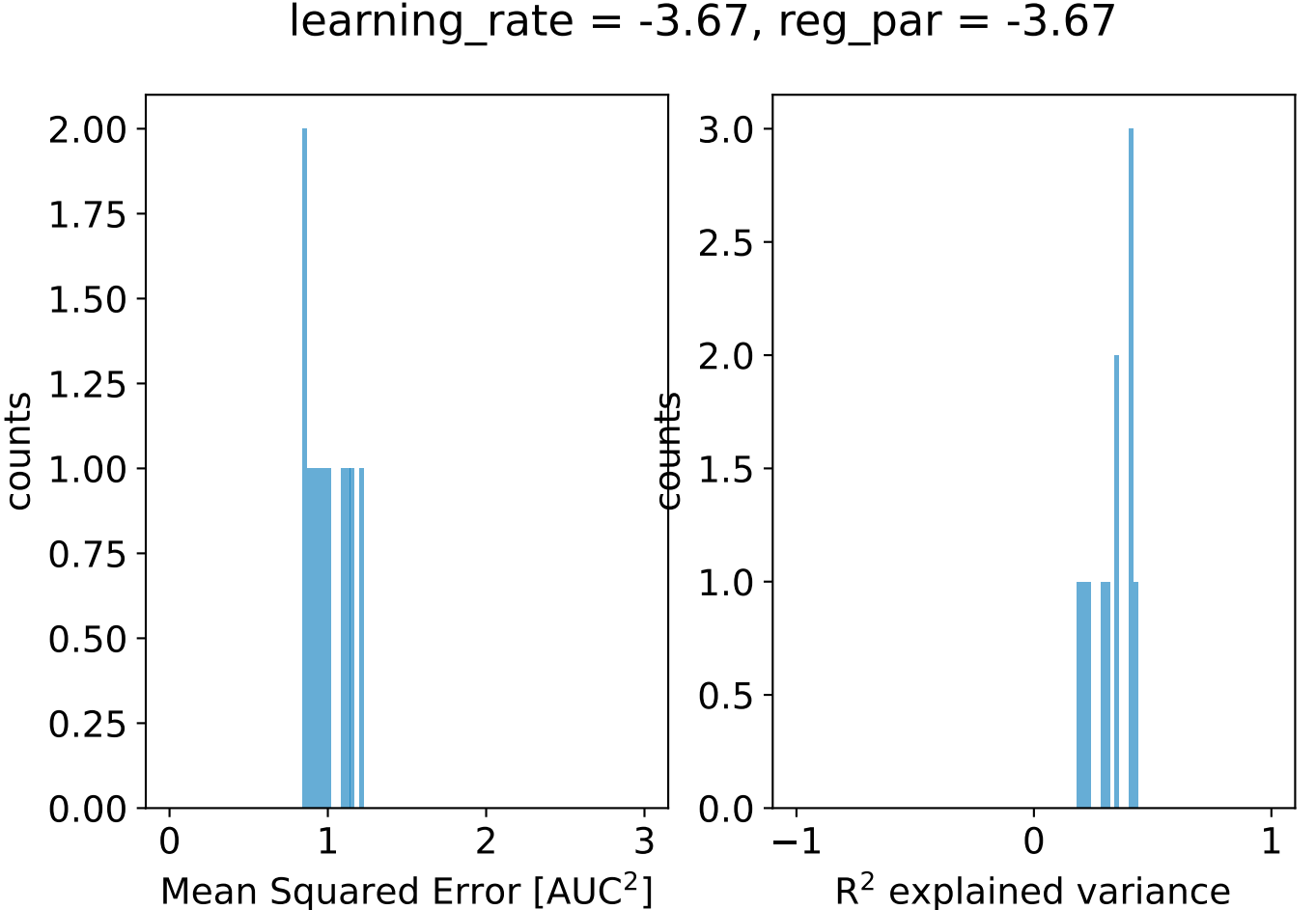
0.00
−1
0
1
R^2 explained variance


learning_rate = -3.67, reg_par = -3.67
counts
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1.50
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1.00
0.75
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0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
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2.5
2.0
1.5
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0.0
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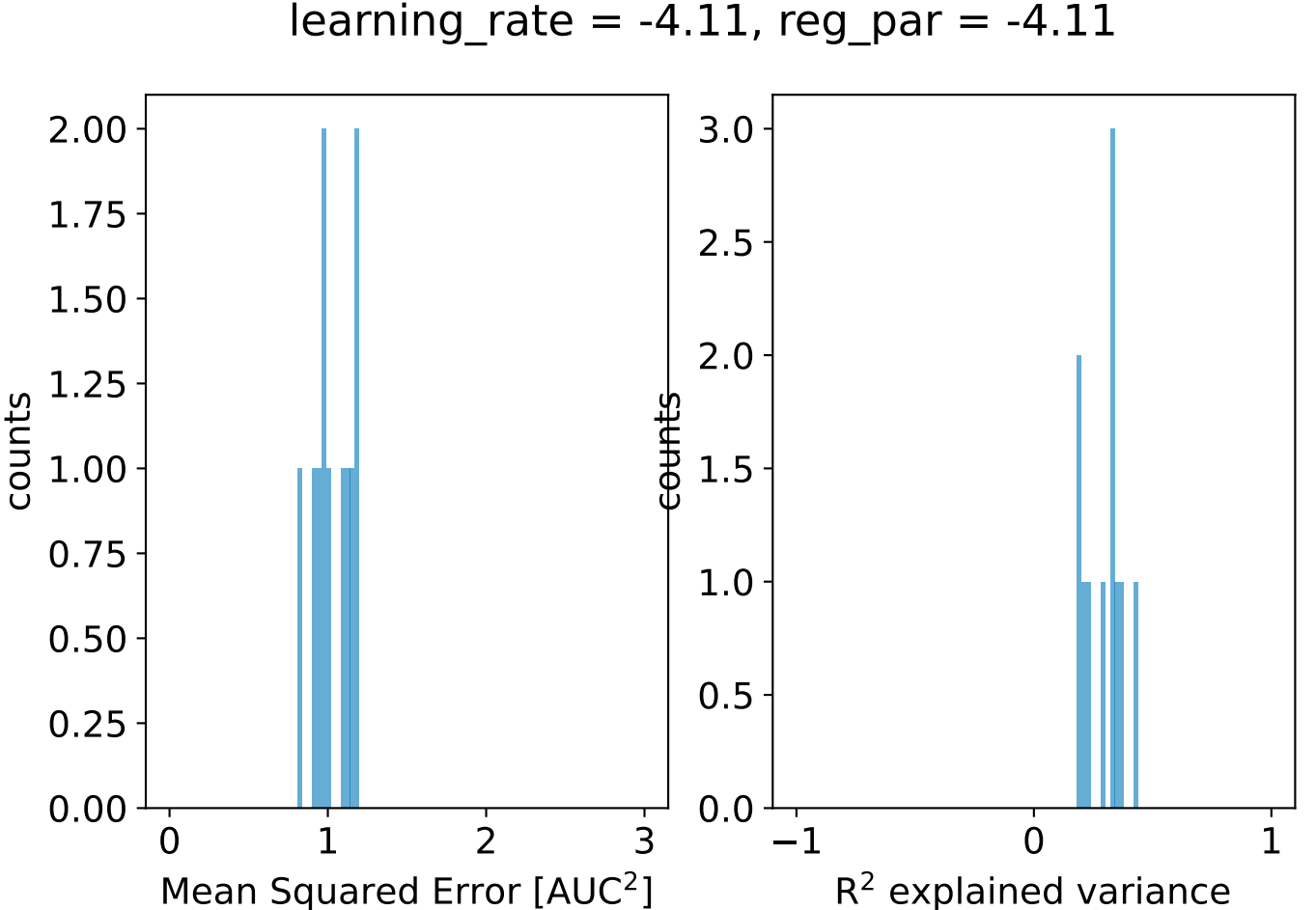
0
1
R^2 explained variance


learning_rate = -4.11, reg_par = -4.11
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
3.0
2.5
2.0
1.5
1.0
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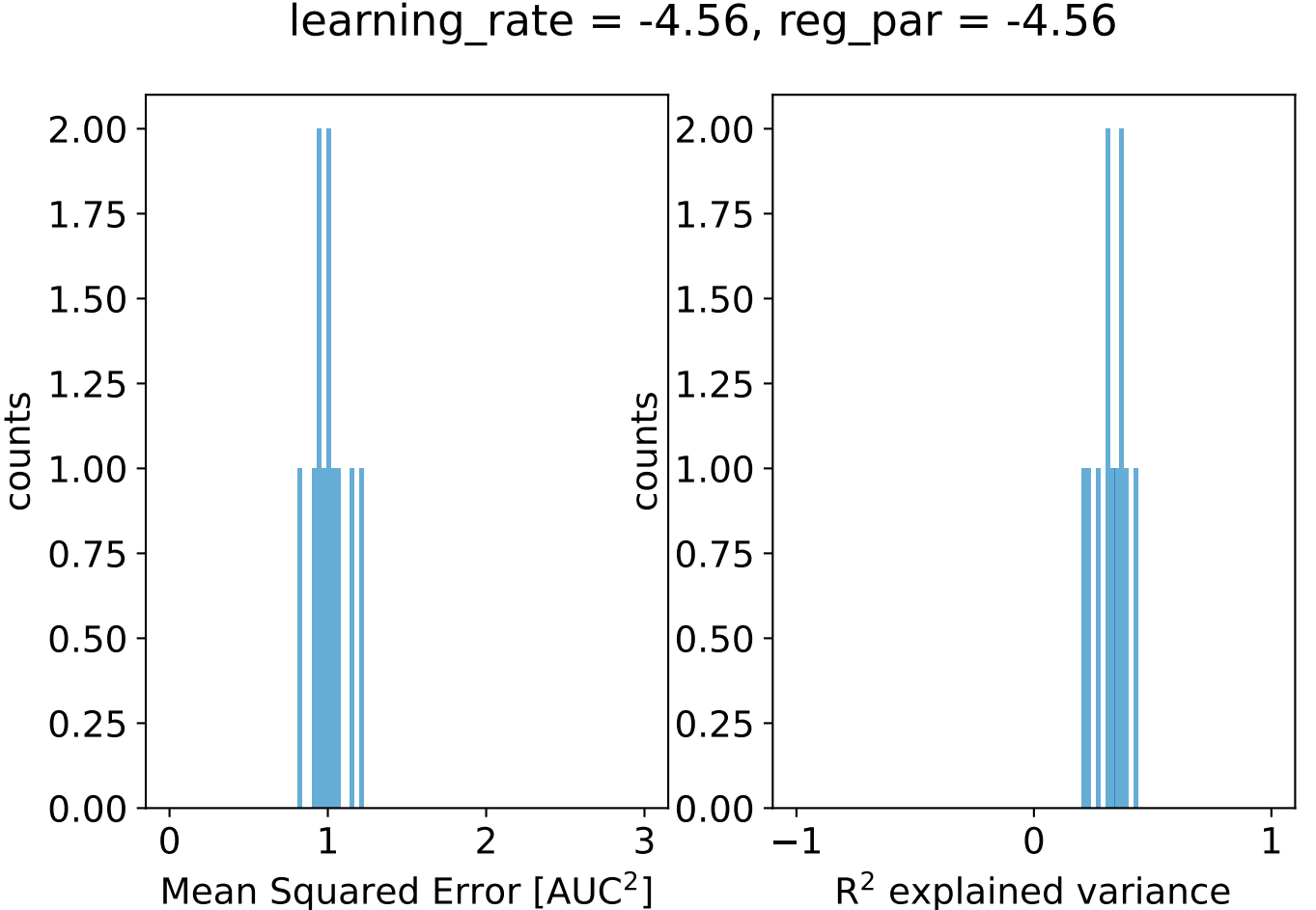
0.0
−1
0
1
R^2 explained variance


learning_rate = -4.56, reg_par = -4.56
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
2.00
1.75
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1.25
1.00
0.75
0.50
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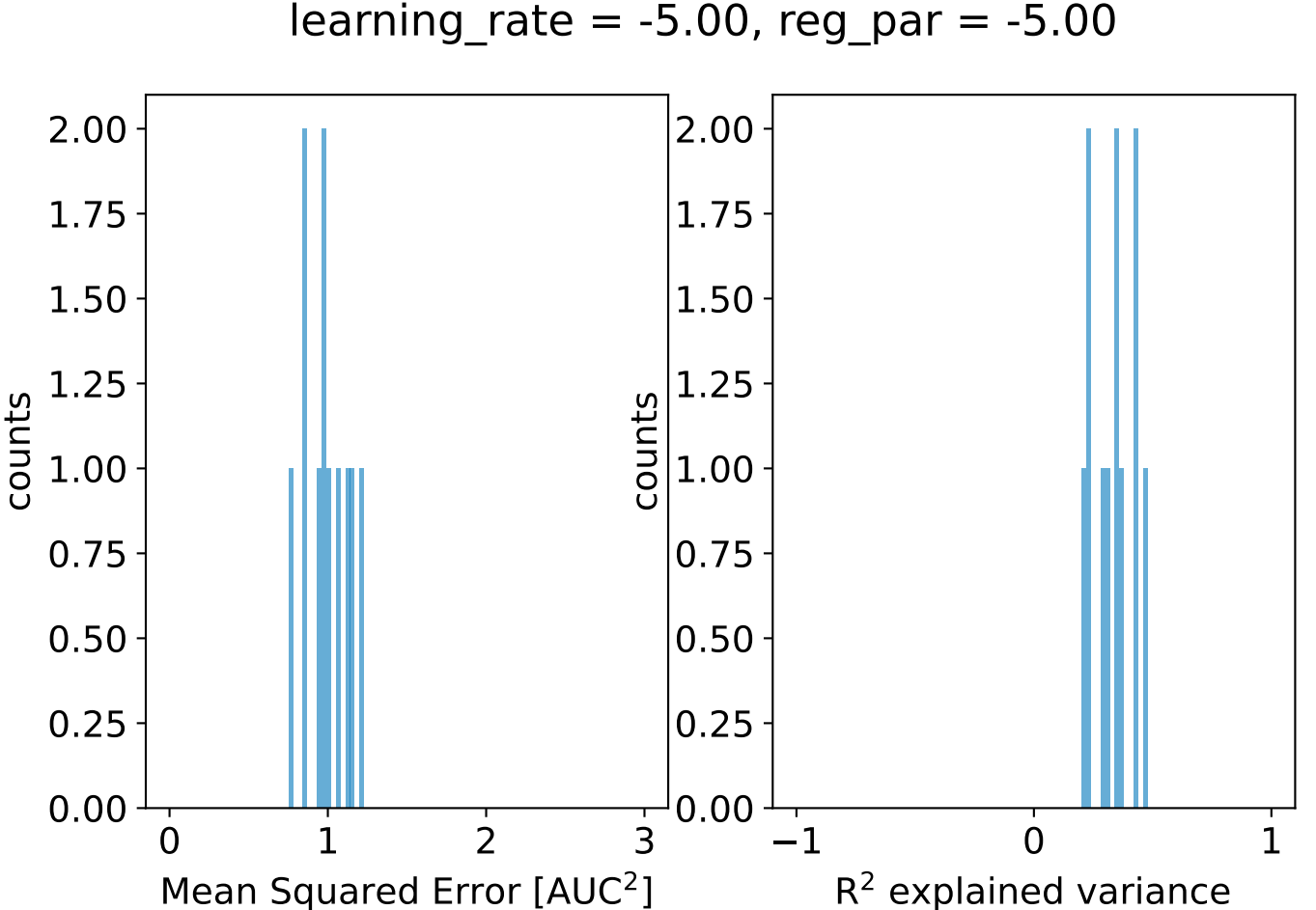
0.00
−1
0
1
R^2 explained variance


learning_rate = -5.00, reg_par = -5.00
counts
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1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
2.00
1.75
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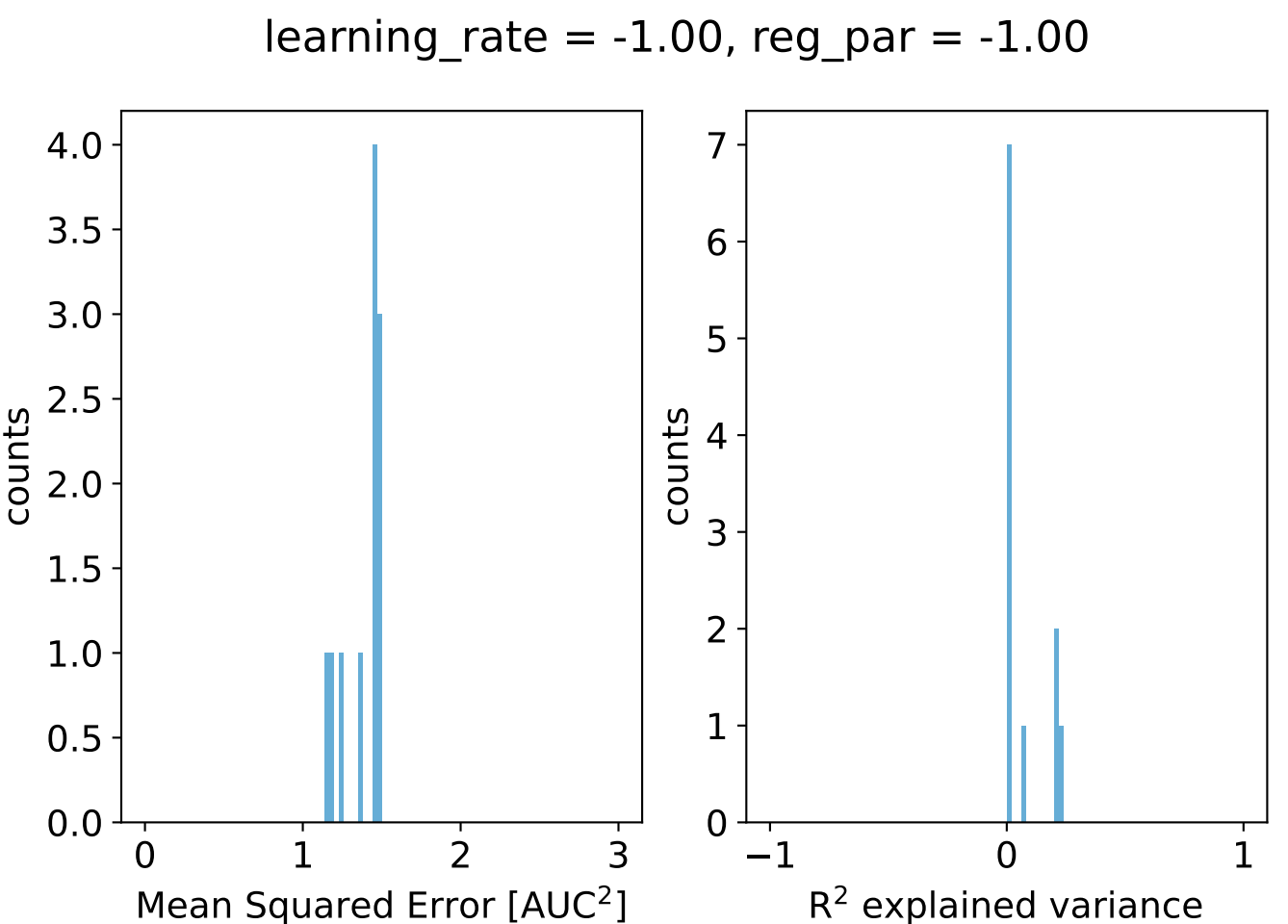
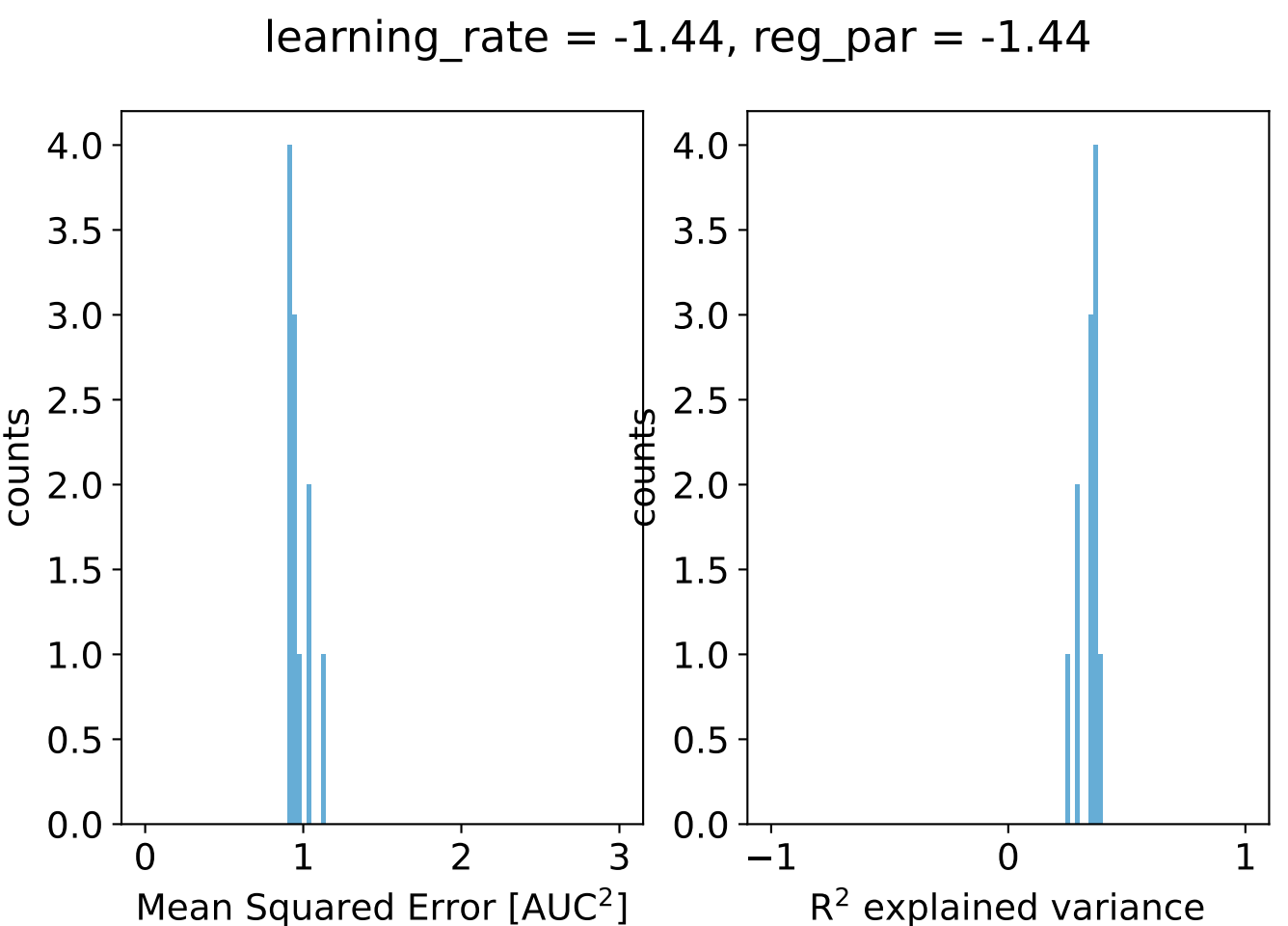
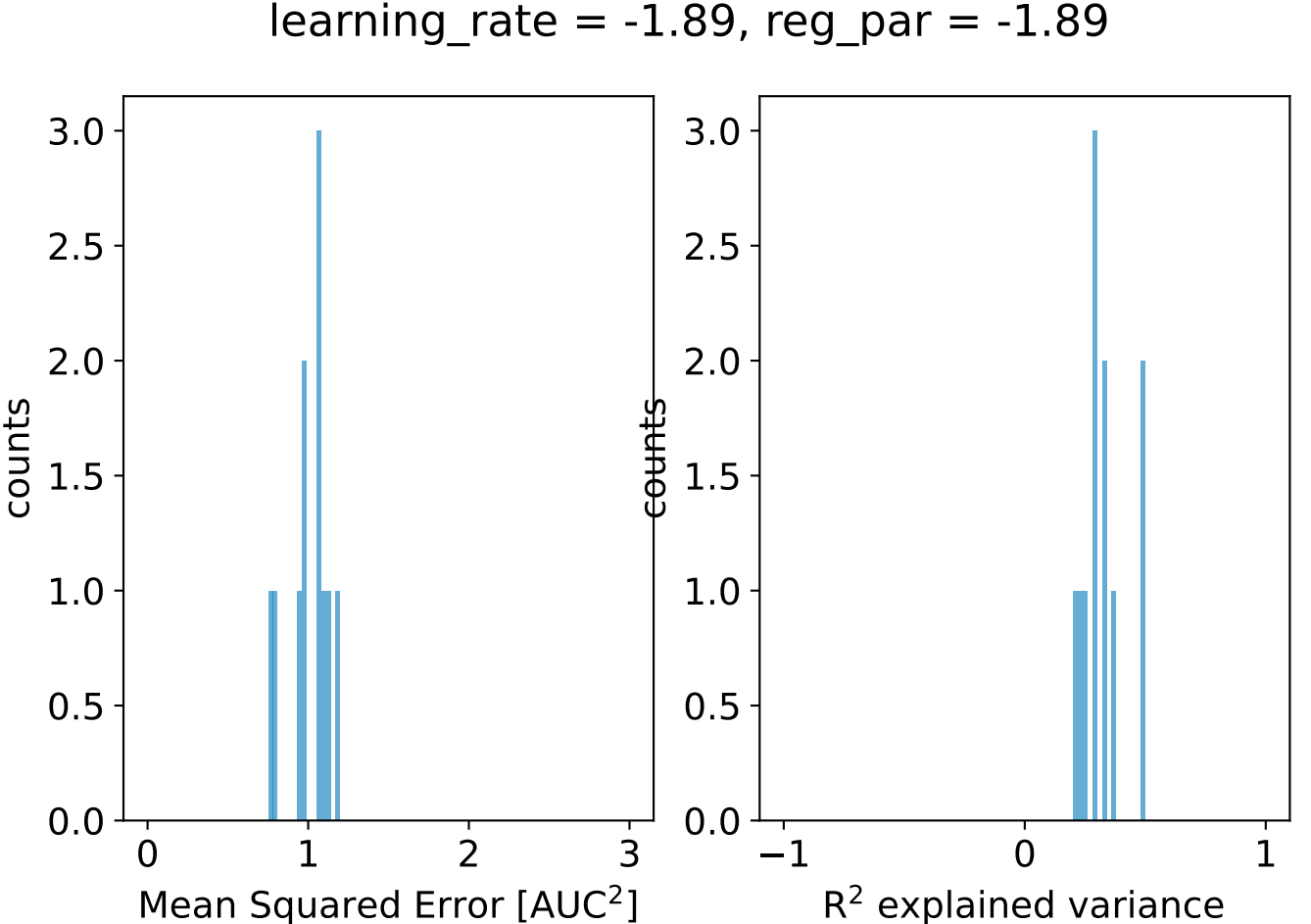
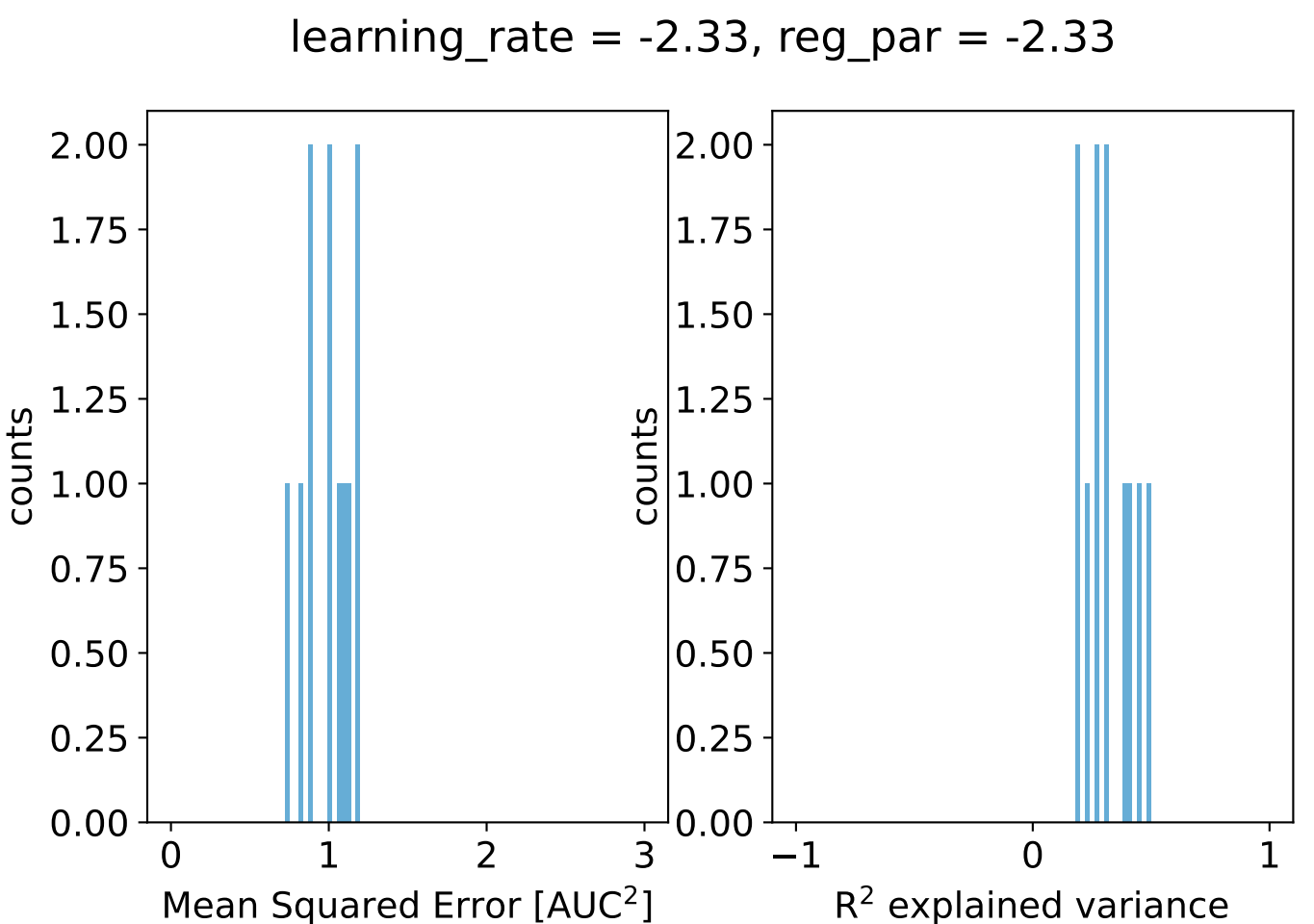
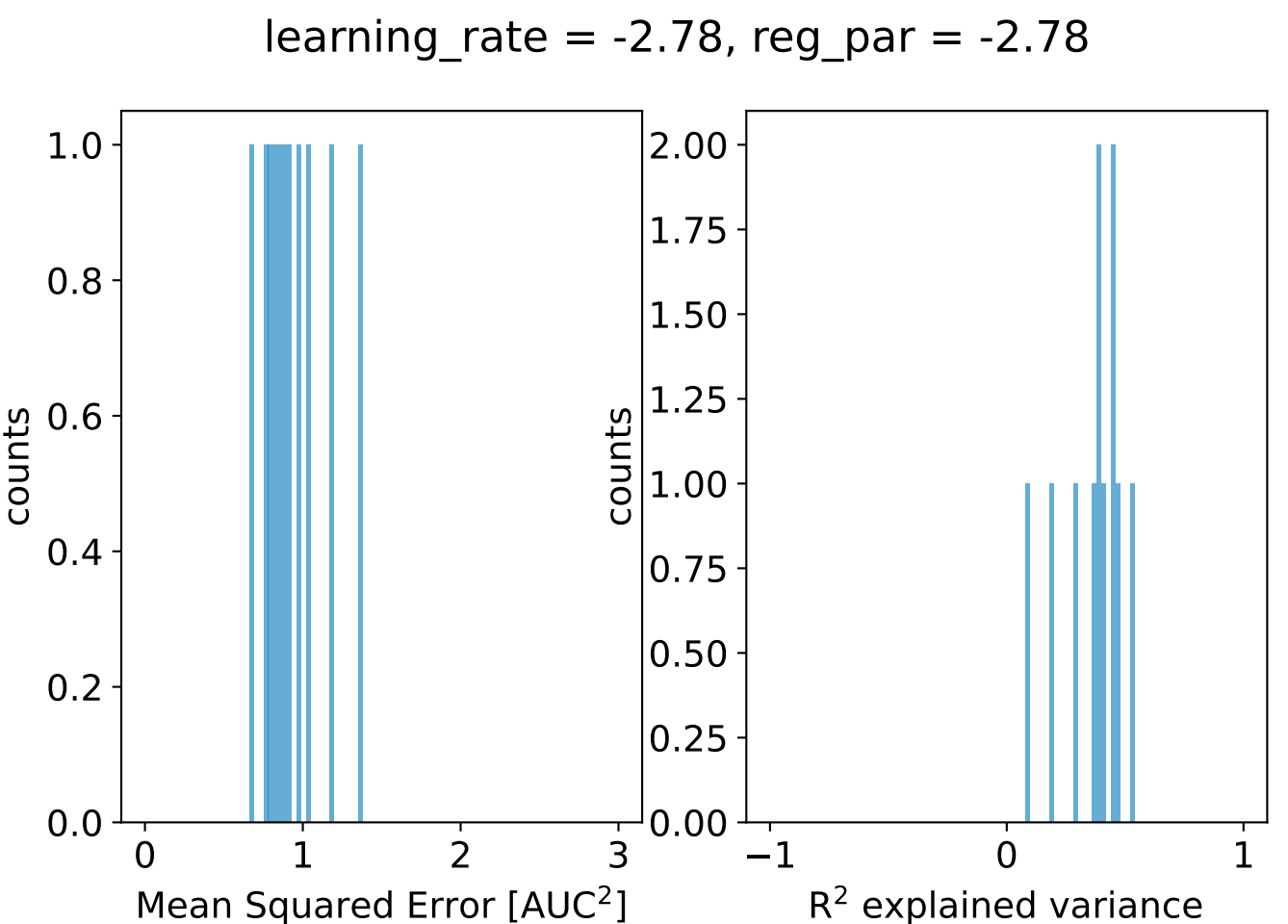
1.25
1.00
0.75
0.50
0.25
0.00
−1
0
1
R^2 explained variance

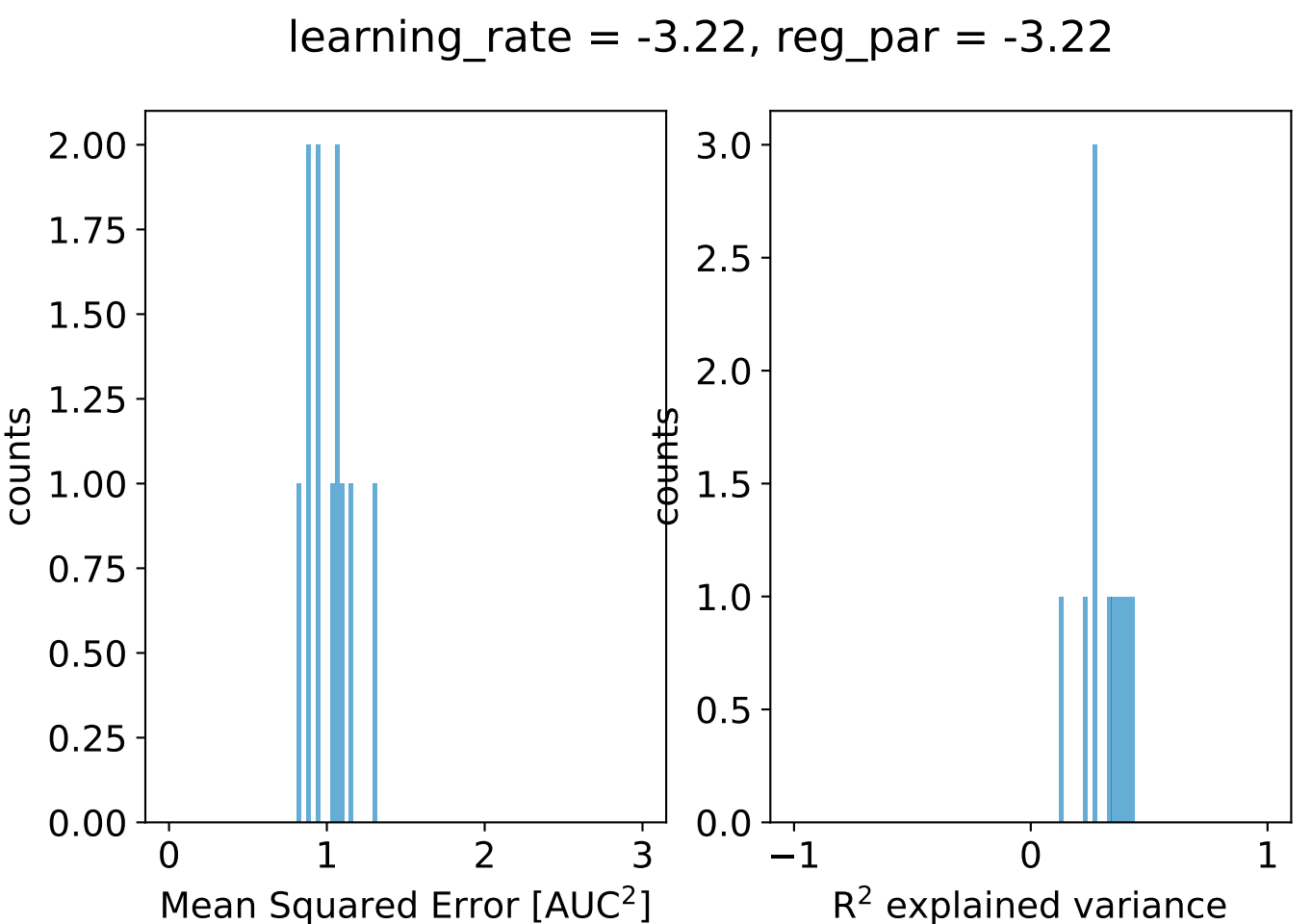

learning_rate = -1.00, reg_par = -1.00
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance

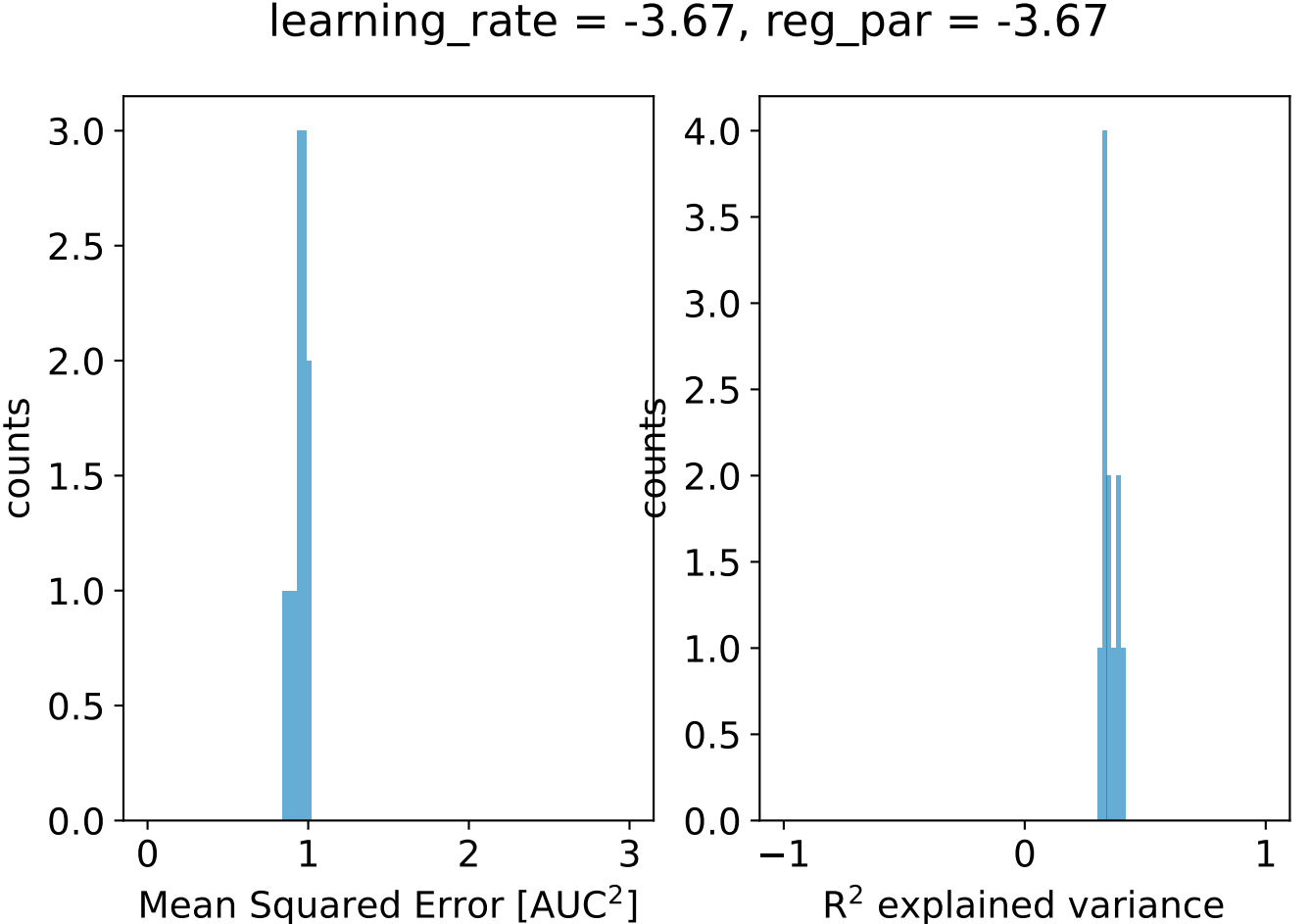

learning_rate = -1.44, reg_par = -1.44
counts
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
2
3
Mean Squared Error [AUC^2]
counts
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance

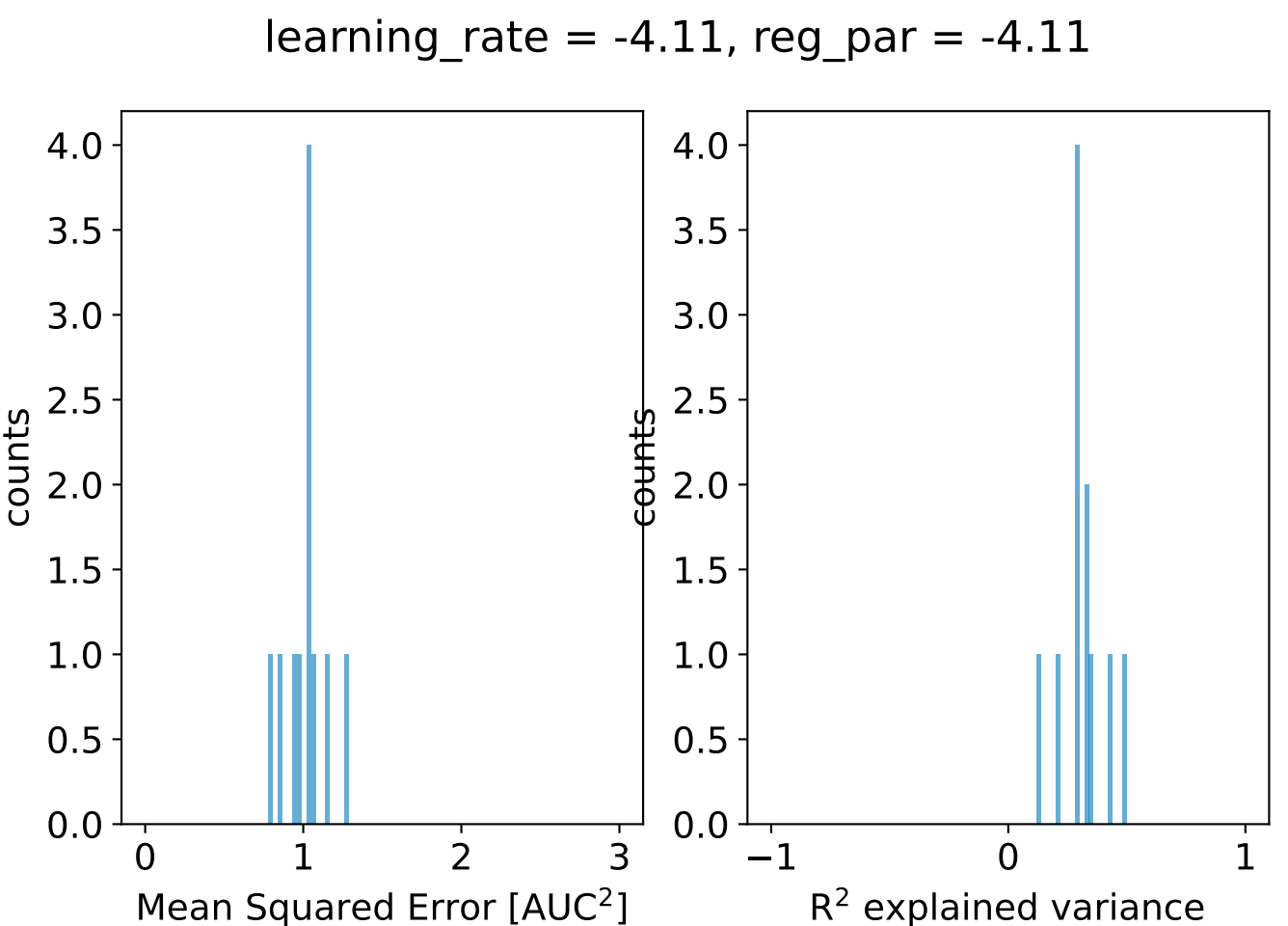

learning_rate = -1.89, reg_par = -1.89
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance

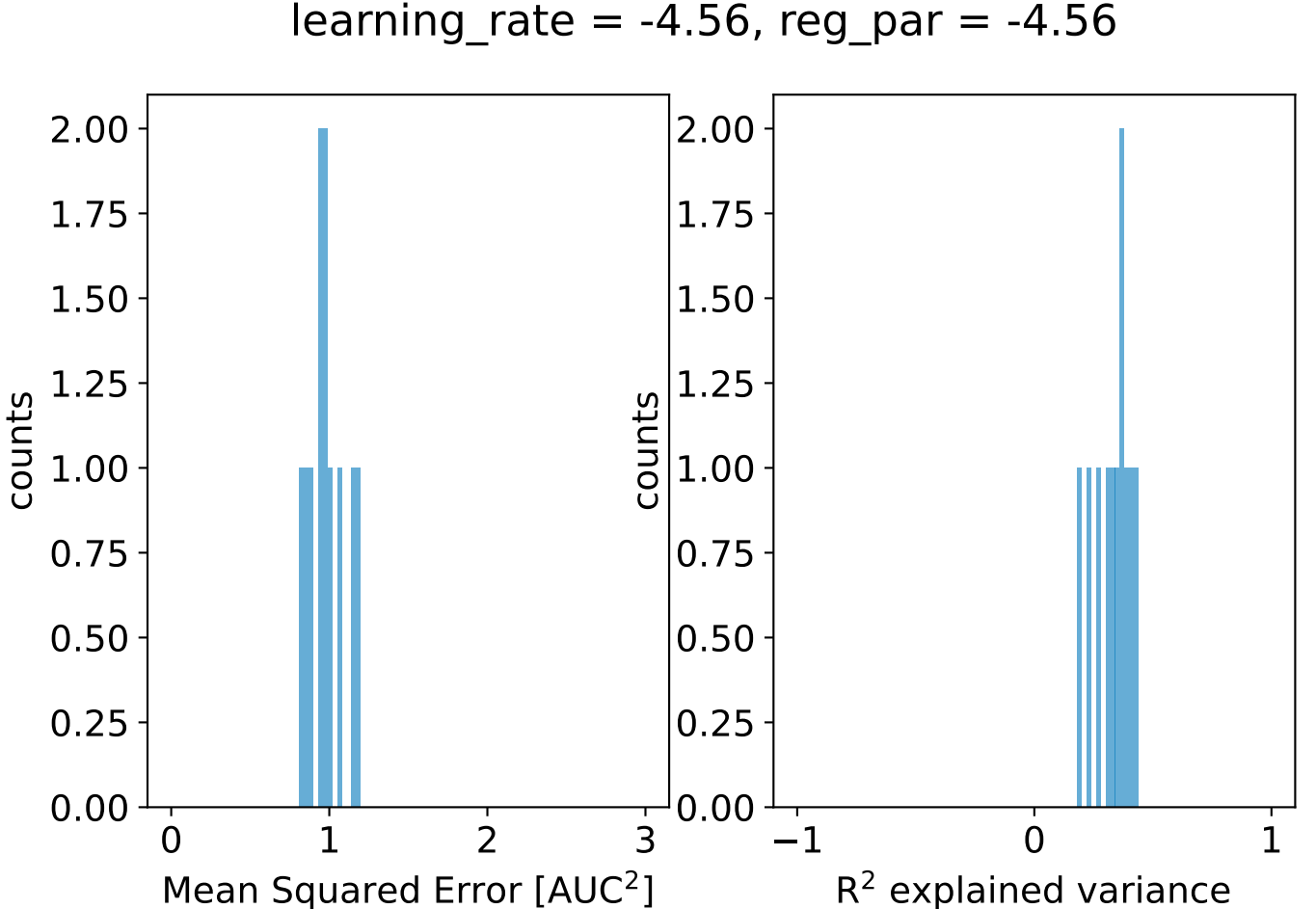

learning_rate = -2.33, reg_par = -2.33
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
−1
0
1
R^2 explained variance

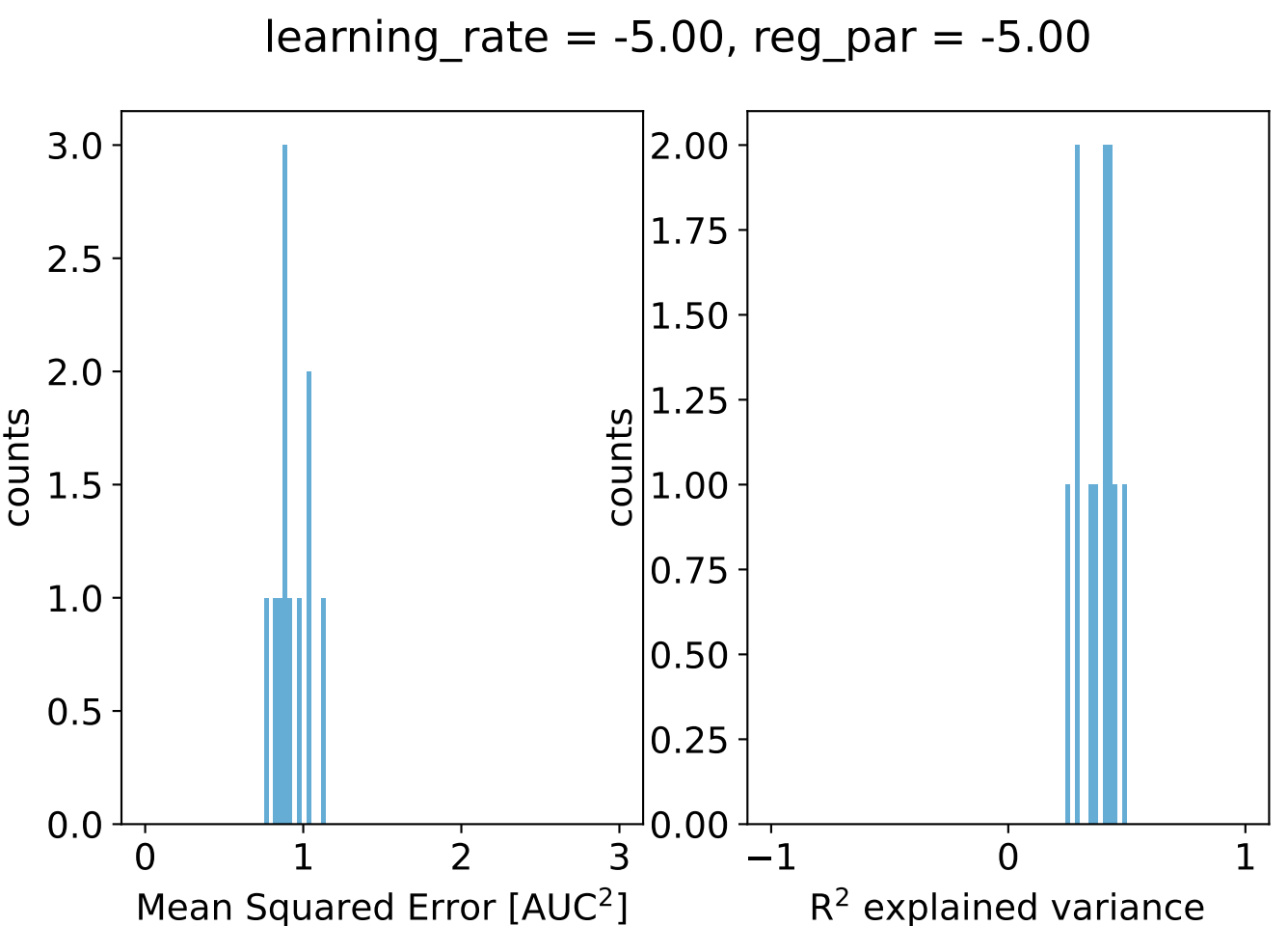

learning_rate = -2.78, reg_par = -2.78
counts
1.0
0.8
0.6
0.4
0.2
0.0
0
1
2
3
Mean Squared Error [AUC^2]
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
−1
0
1
R^2 explained variance

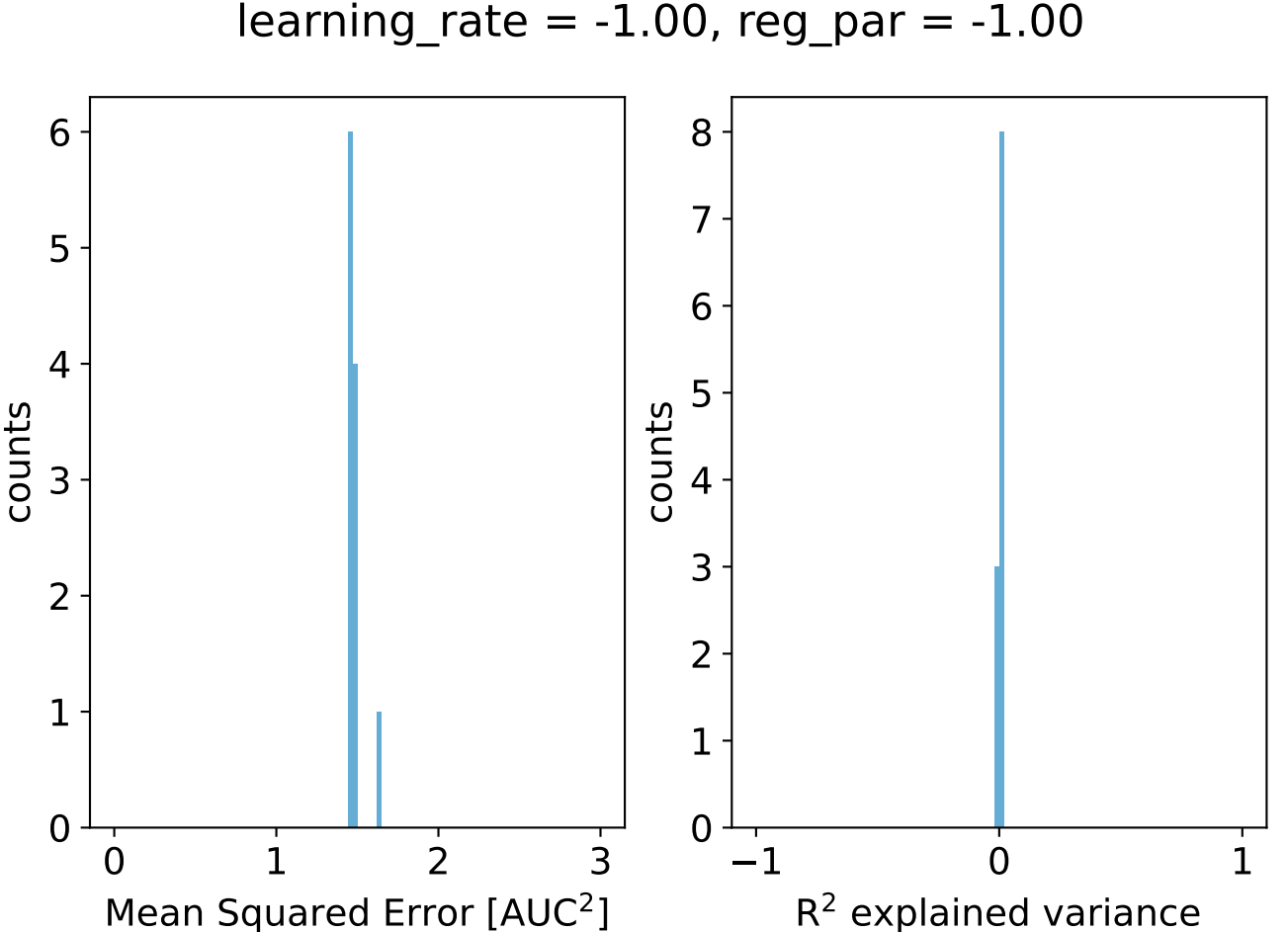

learning_rate = -3.22, reg_par = -3.22
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance

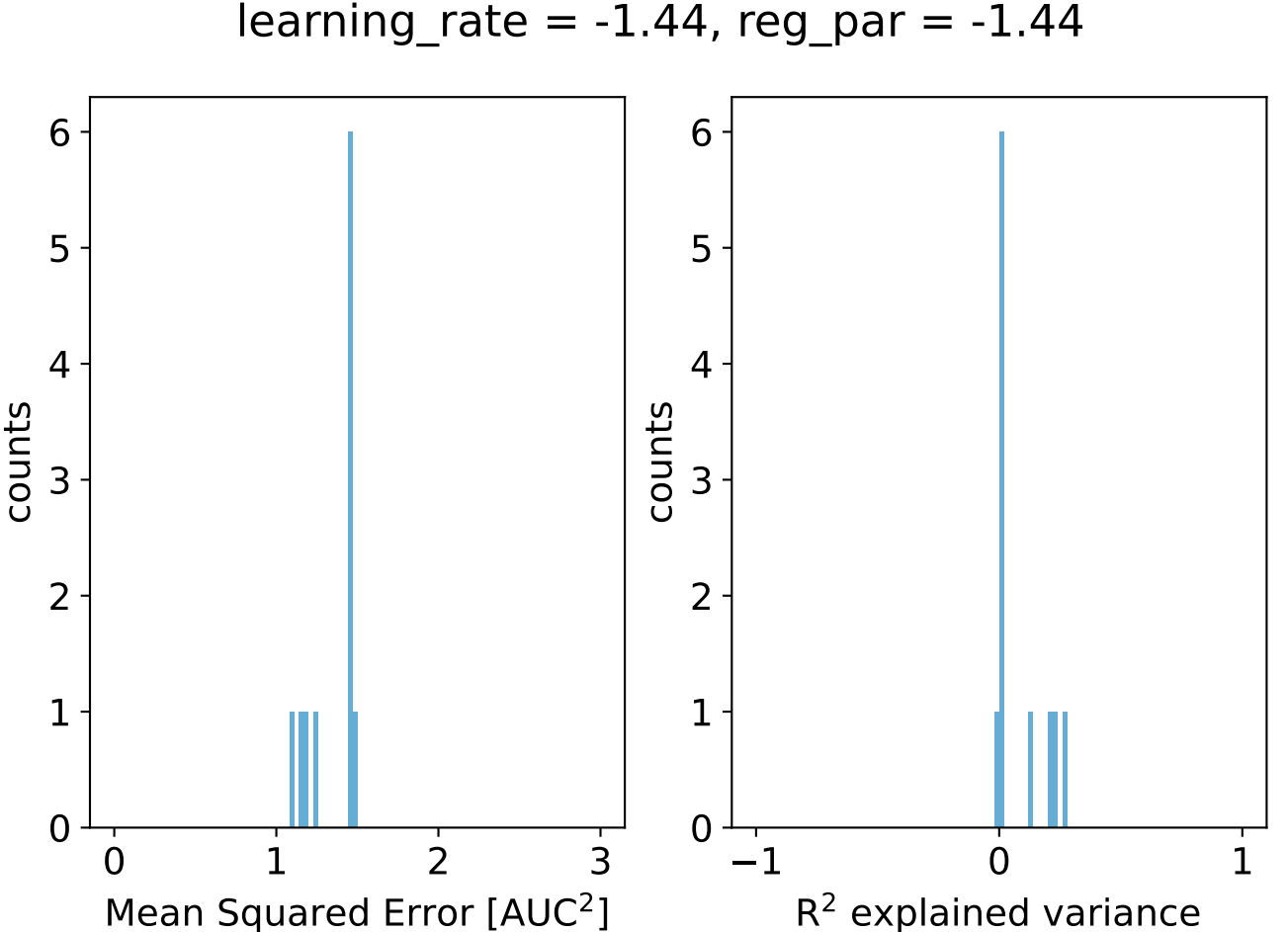

learning_rate = -3.67, reg_par = -3.67
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance

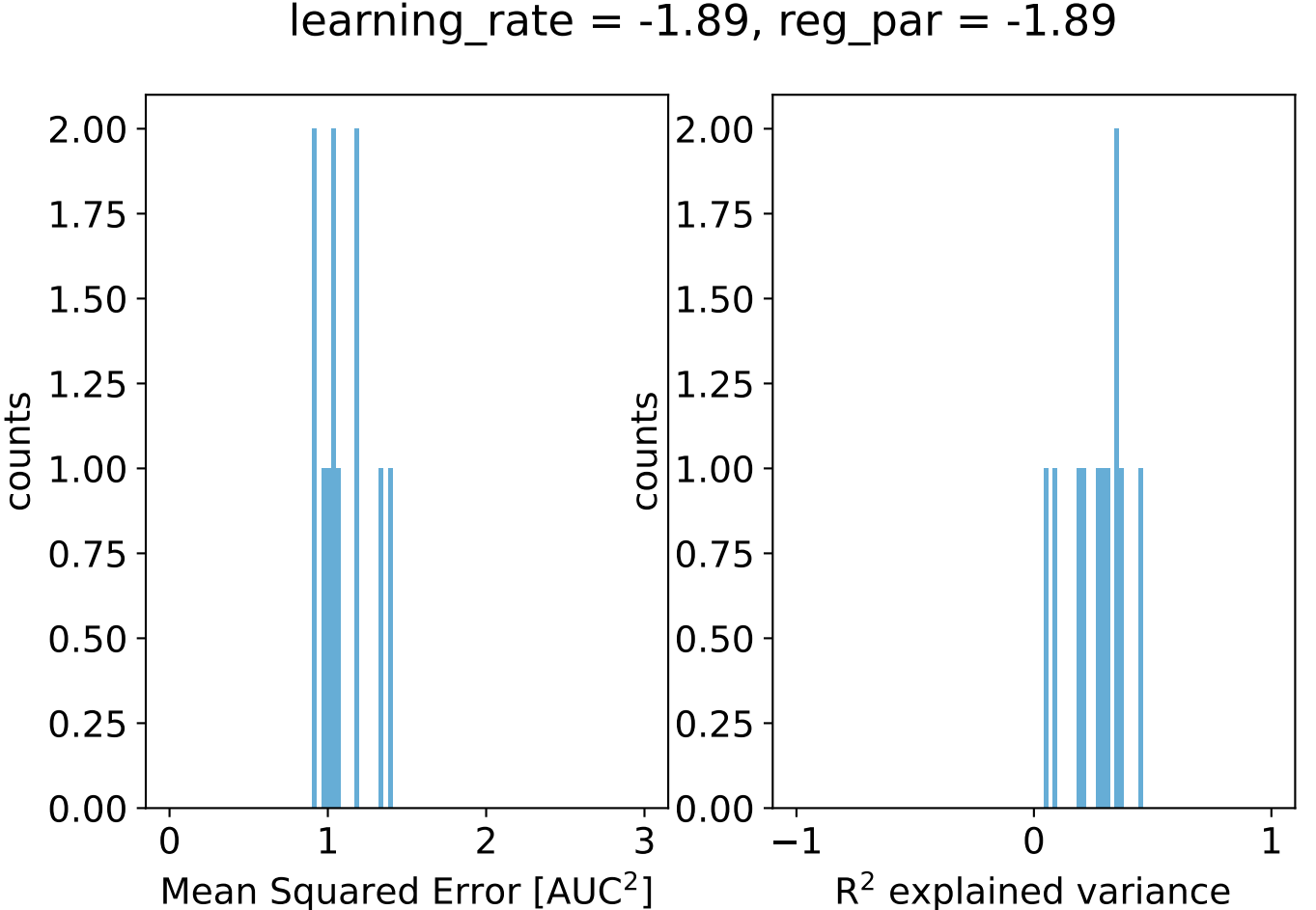

learning_rate = -4.11, reg_par = -4.11
counts
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
2
3
Mean Squared Error [AUC^2]
counts
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance

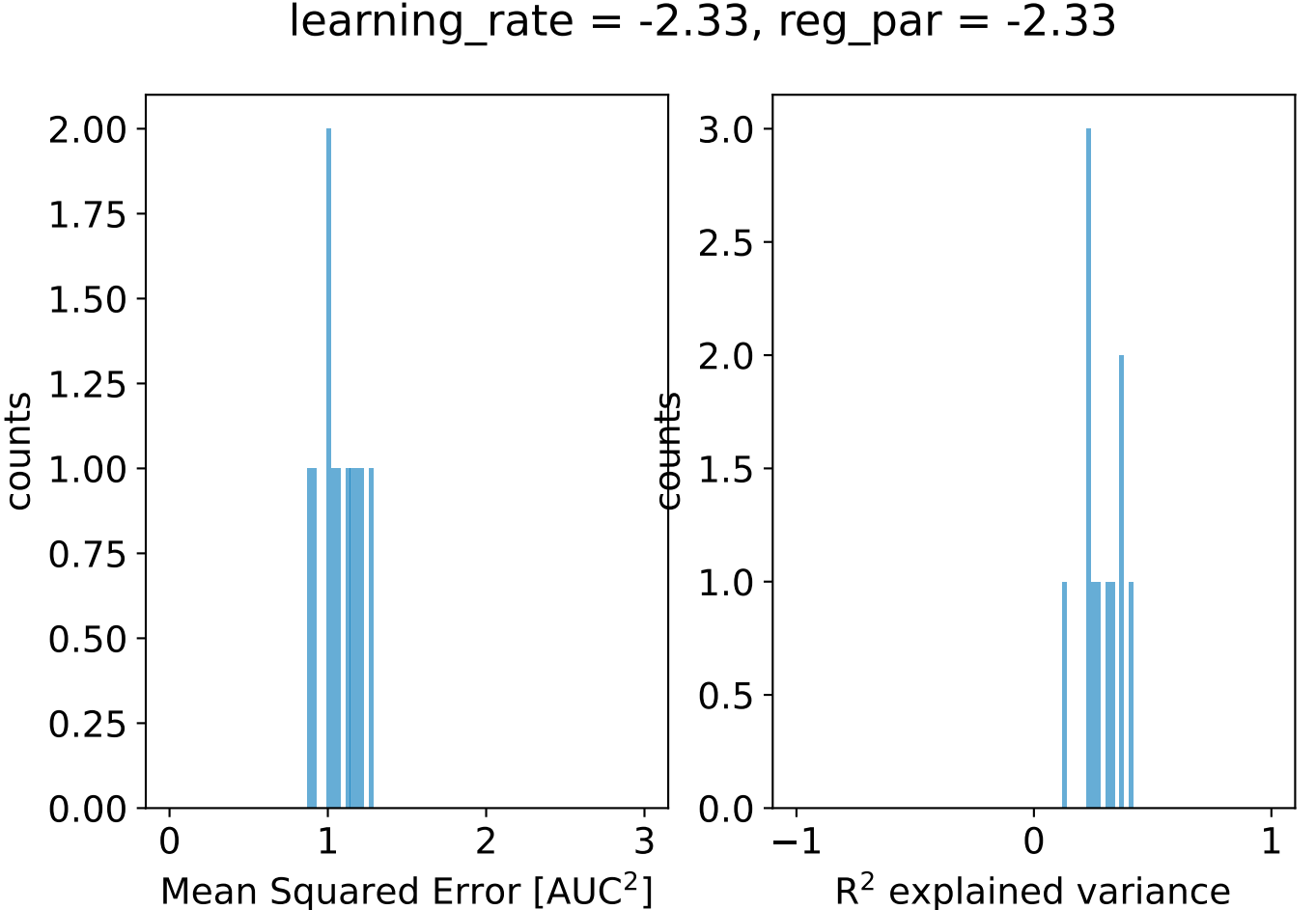

learning_rate = -4.56, reg_par = -4.56
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
−1
0
1
R^2 explained variance

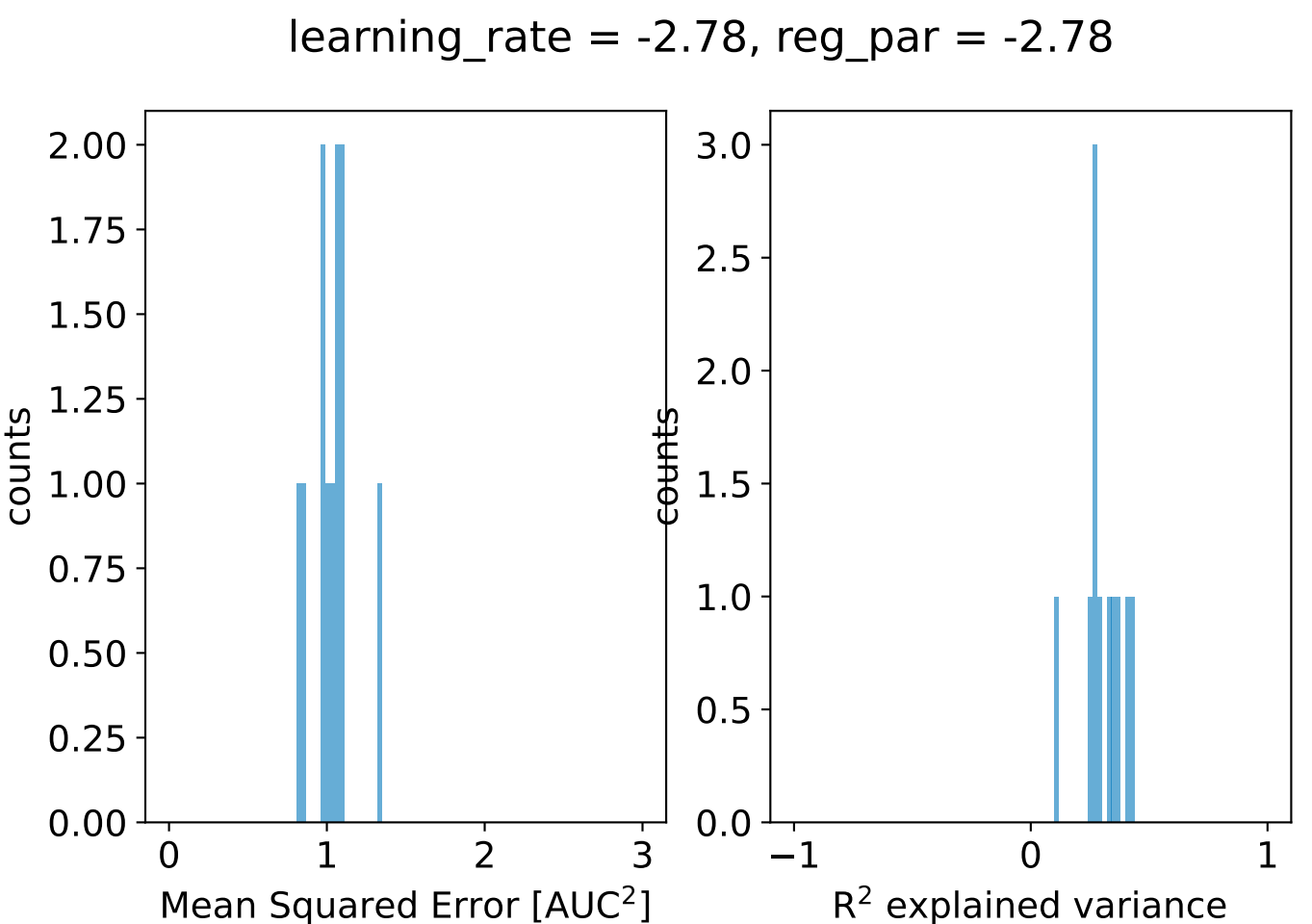

learning_rate = -5.00, reg_par = -5.00
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance

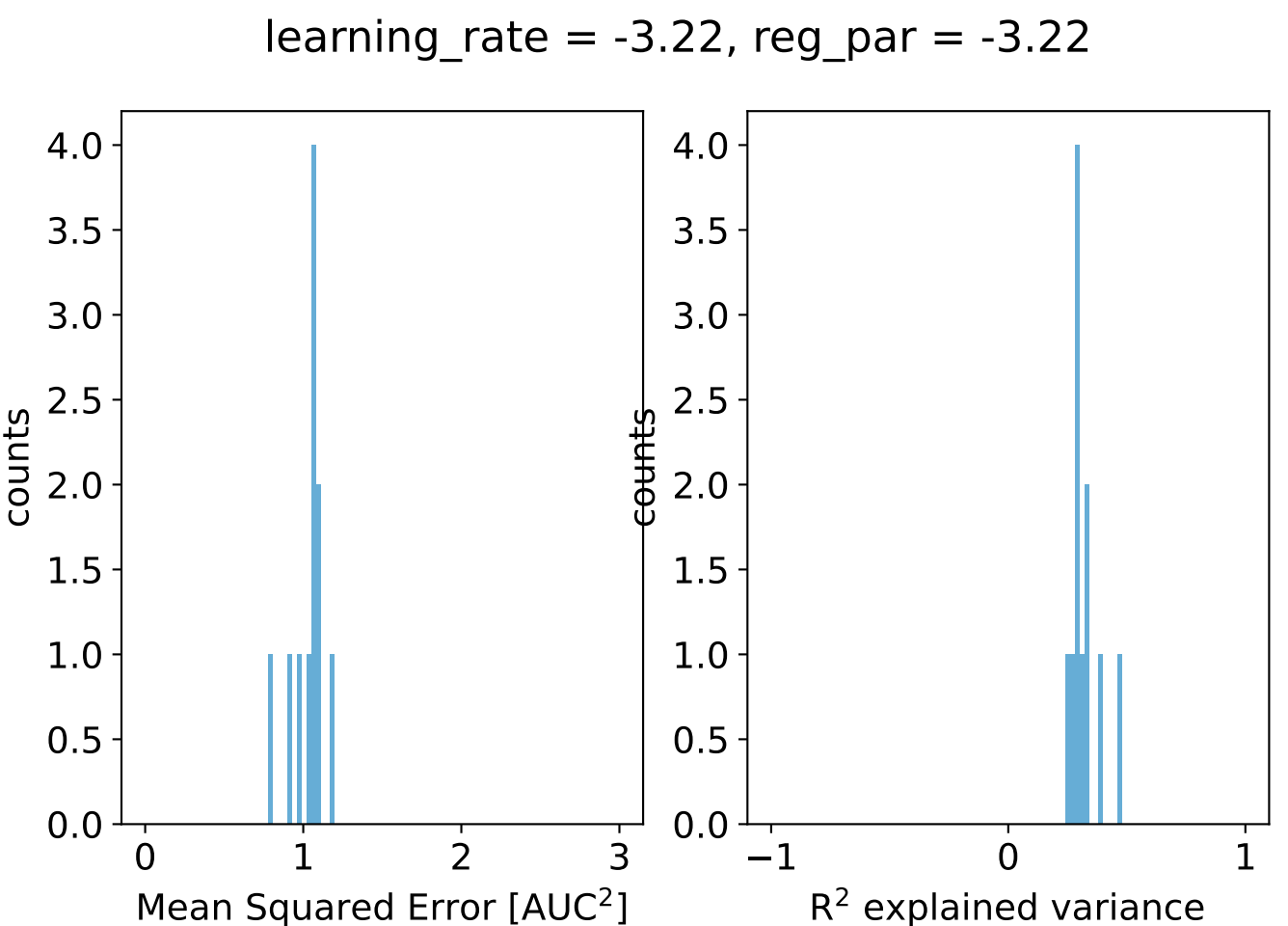

learning_rate = -1.00, reg_par = -1.00
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance

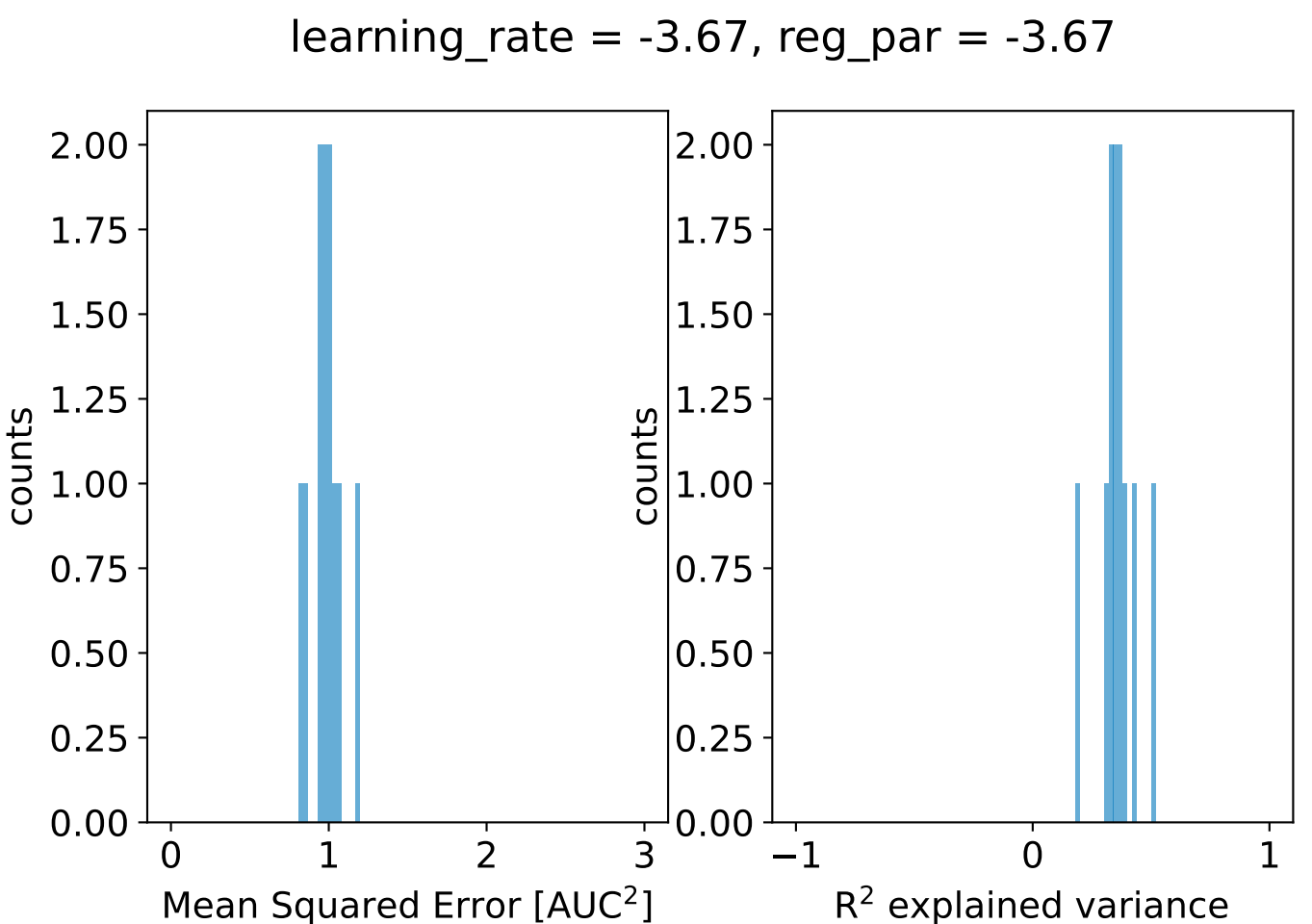

learning_rate = -1.44, reg_par = -1.44
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance

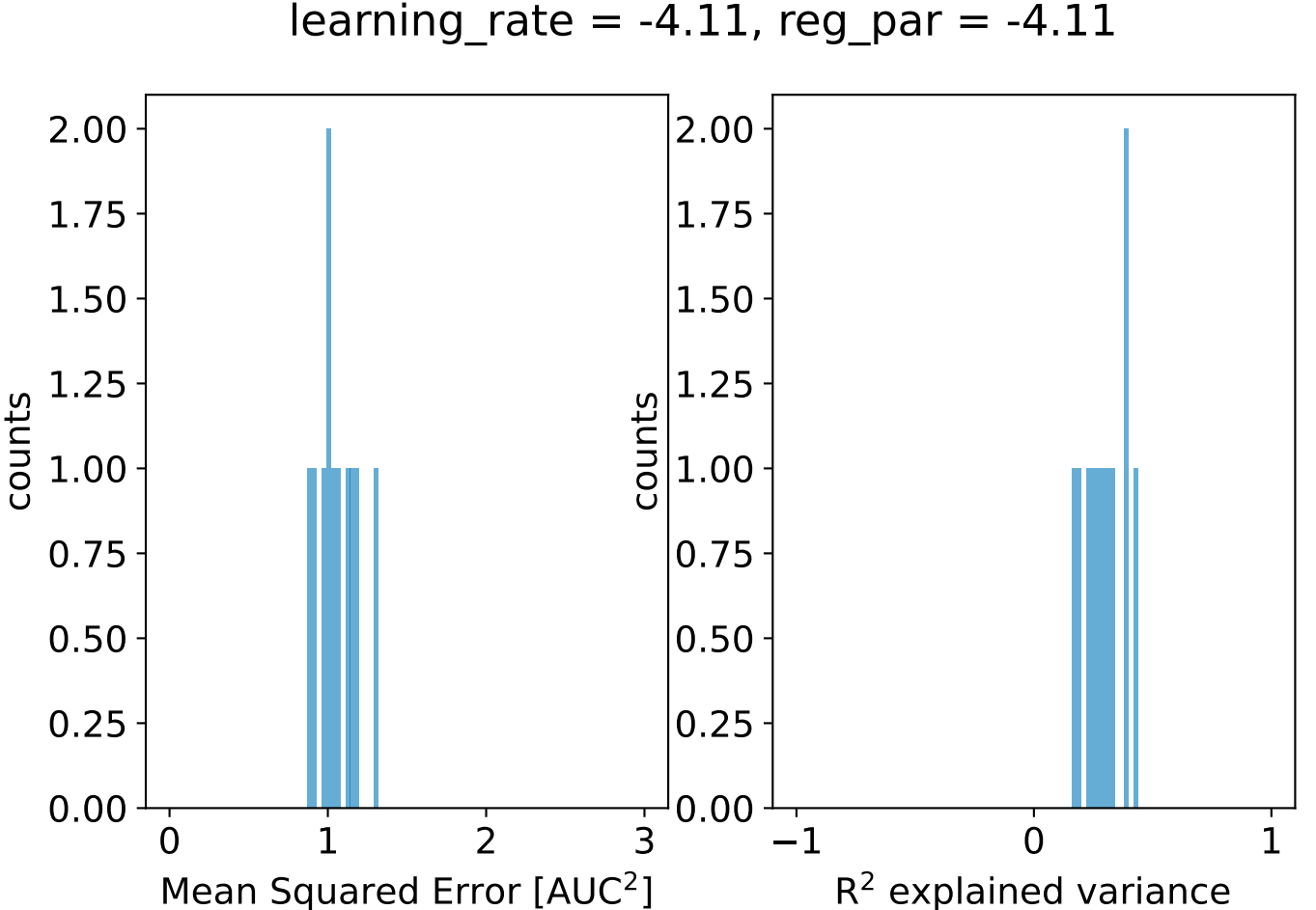

learning_rate = -1.89, reg_par = -1.89
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
−1
0
1
R^2 explained variance

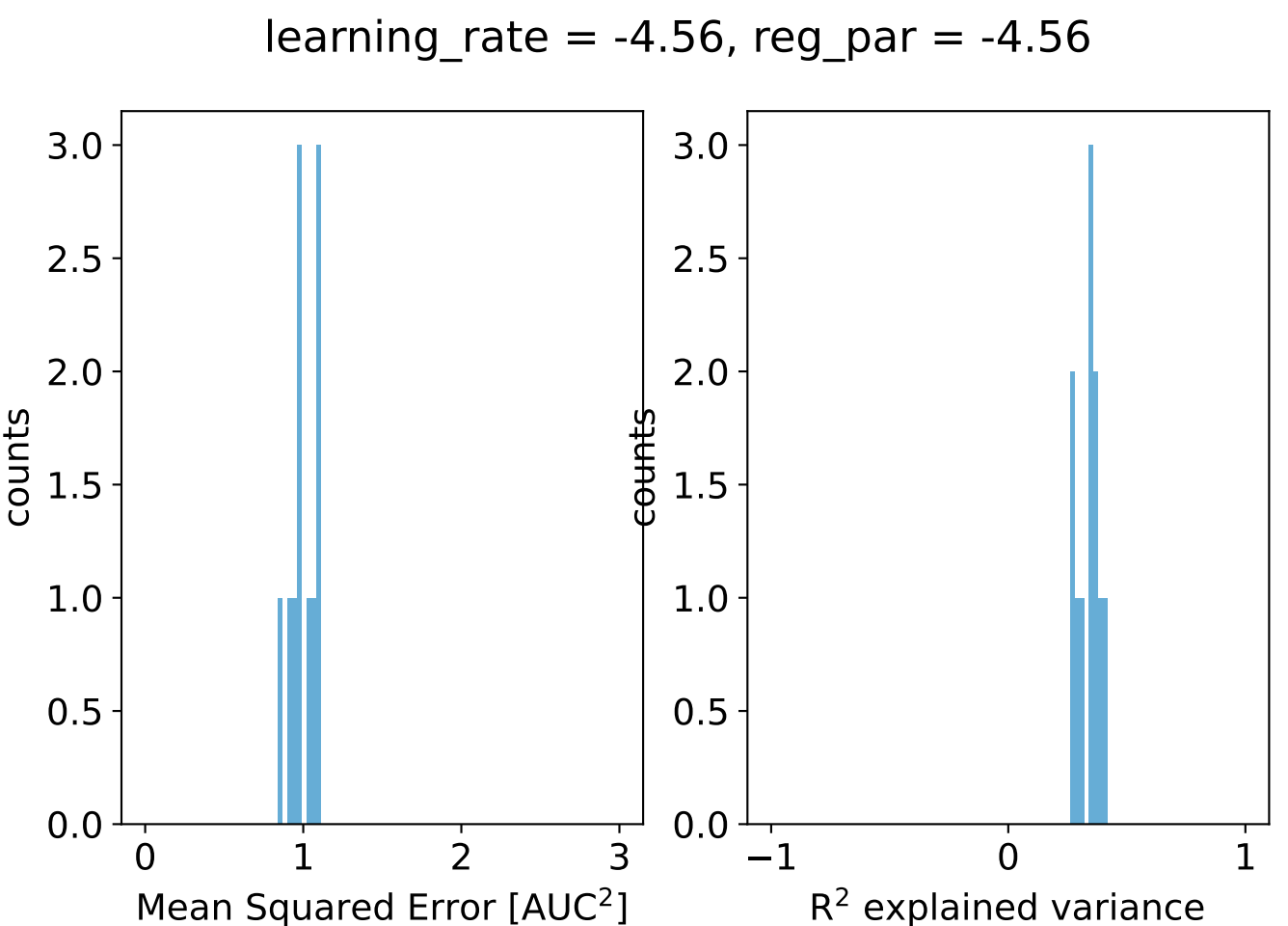

learning_rate = -2.33, reg_par = -2.33
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance

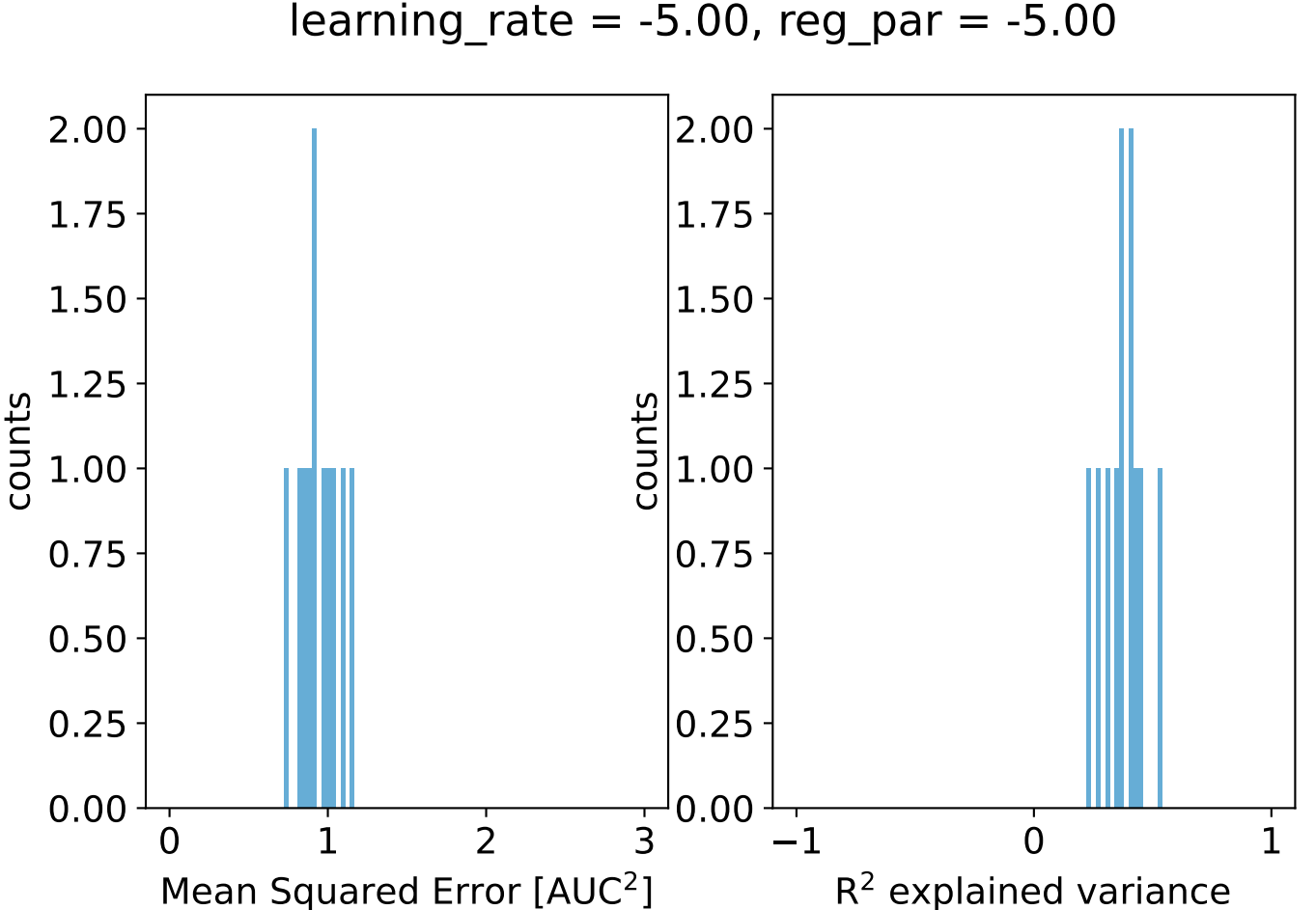

learning_rate = -2.78, reg_par = -2.78
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance

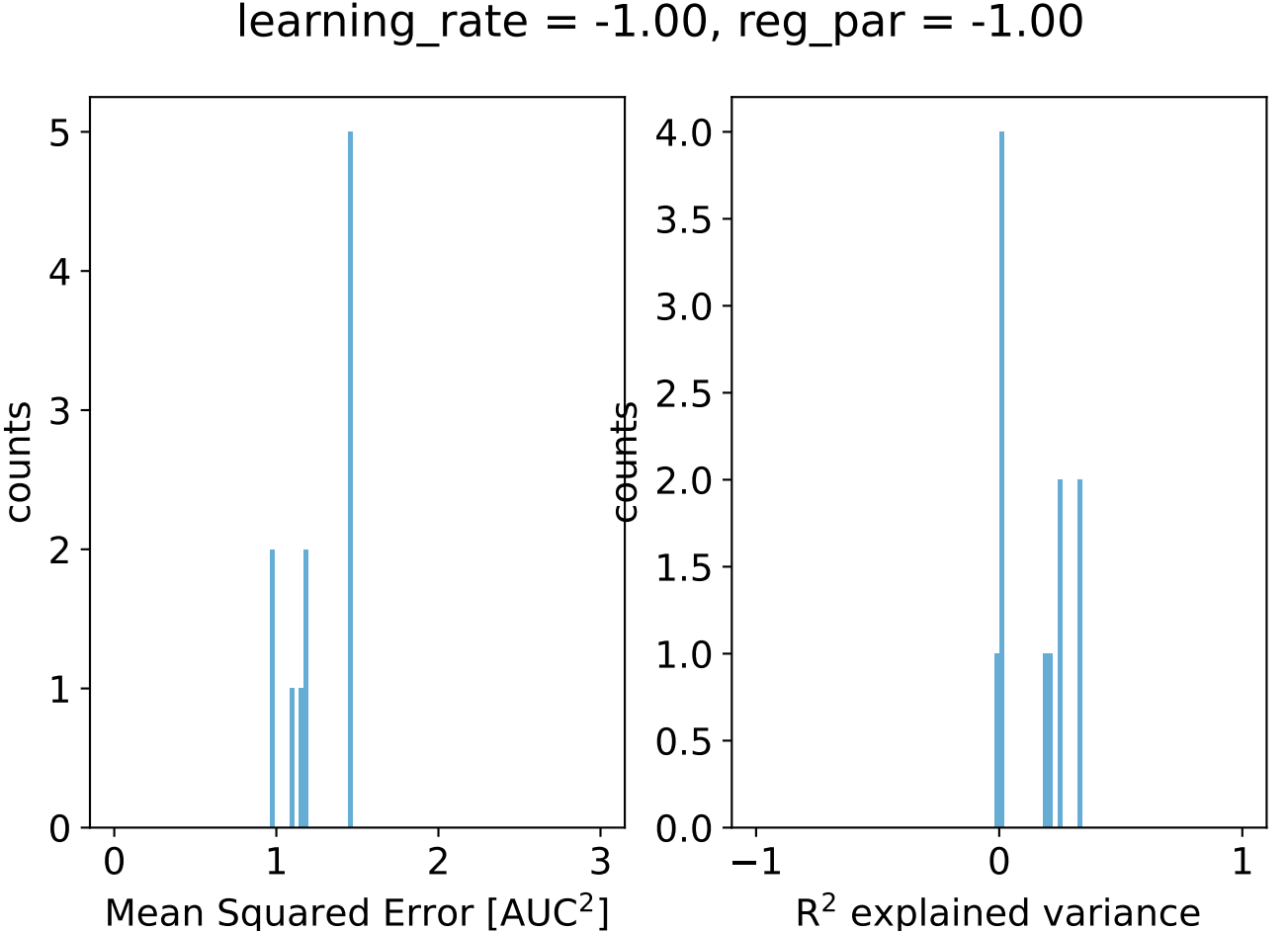

learning_rate = -3.22, reg_par = -3.22
counts
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
2
3
Mean Squared Error [AUC^2]
counts
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance

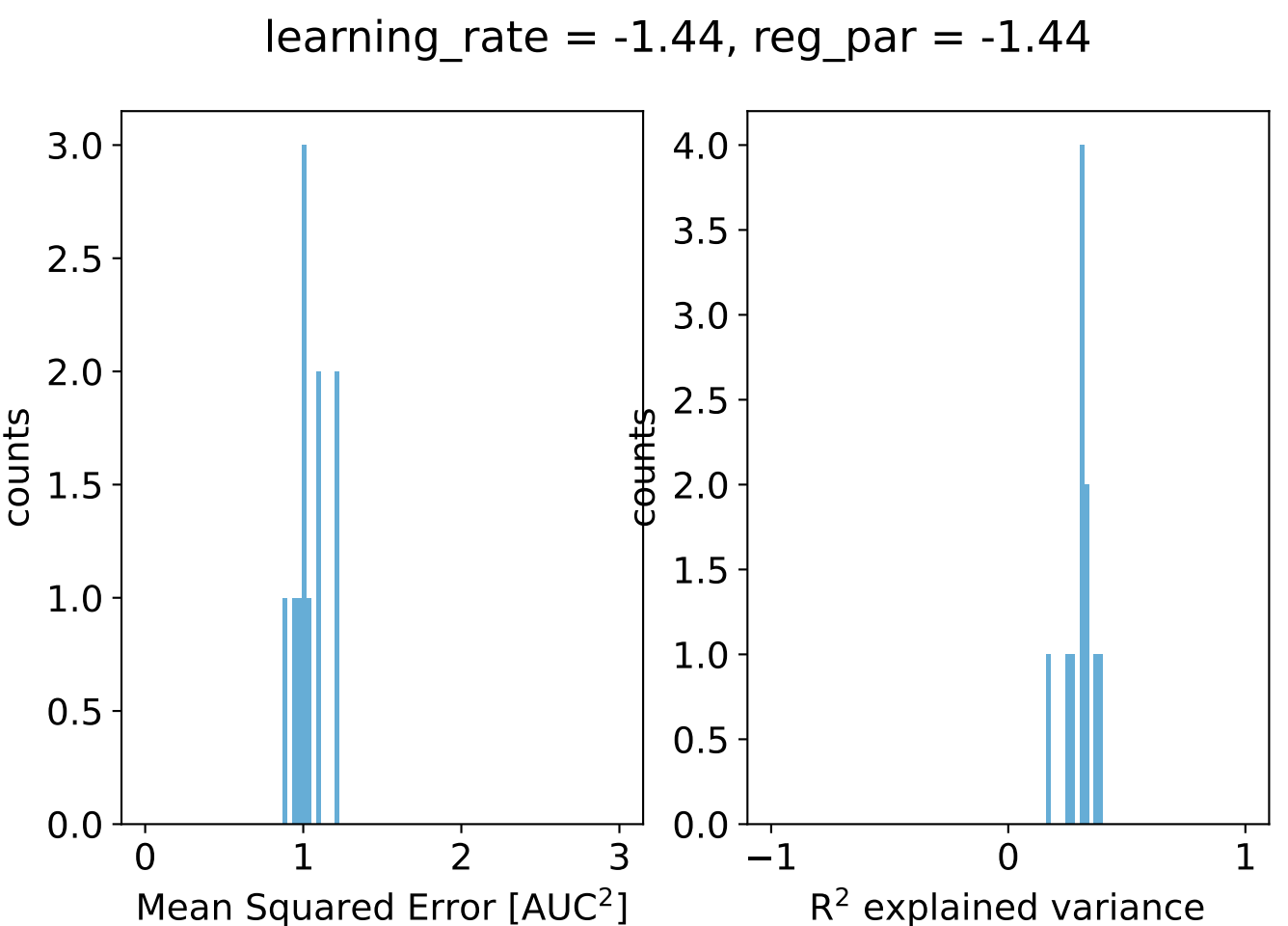

learning_rate = -3.67, reg_par = -3.67
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
−1
0
1
R^2 explained variance

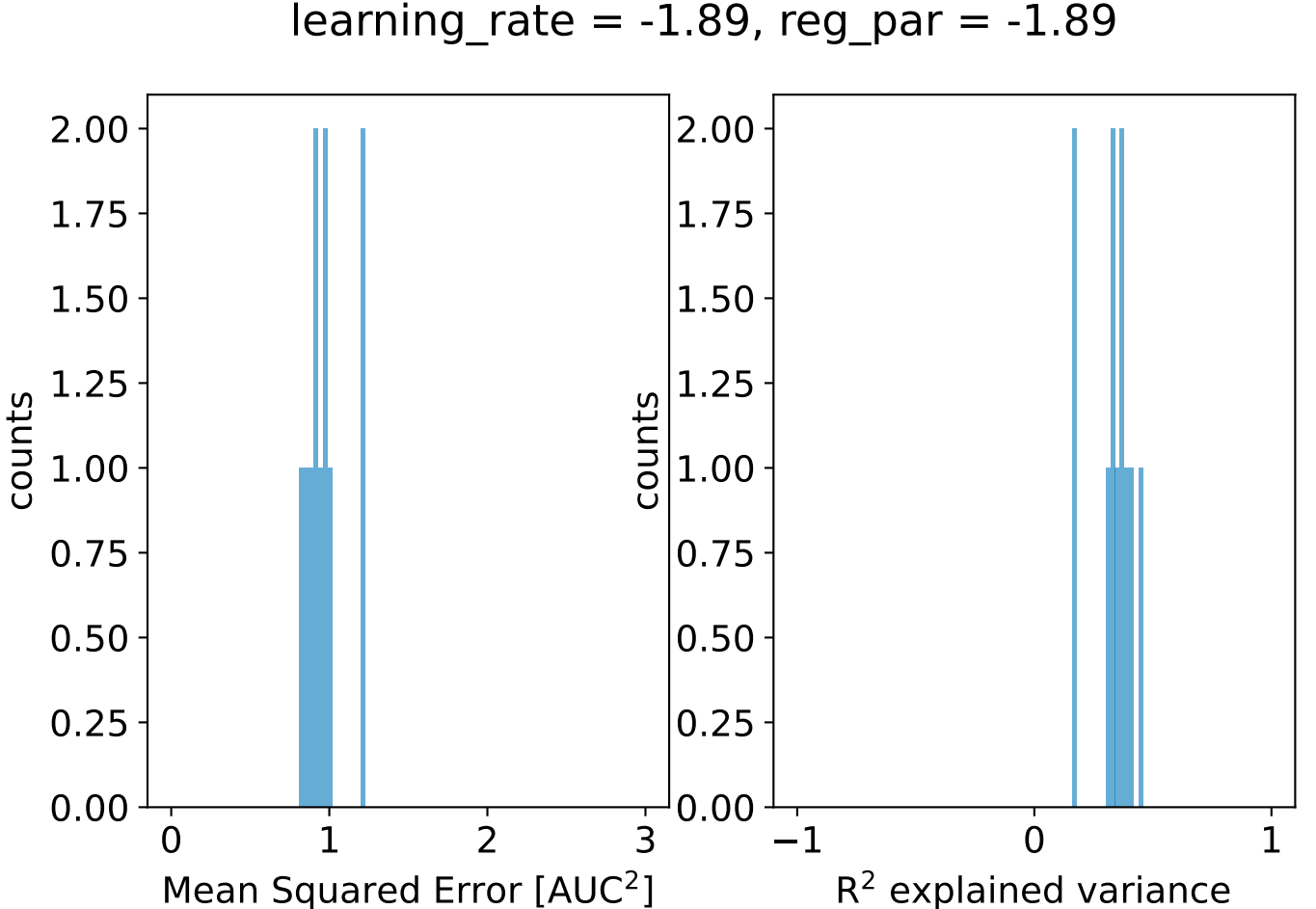

learning_rate = -4.11, reg_par = -4.11
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
−1
0
1
R^2 explained variance


learning_rate = -4.56, reg_par = -4.56
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
2
3
Mean Squared Error [AUC^2]
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance


learning_rate = -5.00, reg_par = -5.00
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
−1
0
1
R^2 explained variance


learning_rate = -1.00, reg_par = -1.00
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance


learning_rate = -1.44, reg_par = -1.44
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance


learning_rate = -1.89, reg_par = -1.89
counts
2.00
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1.50
1.25
1.00
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0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
2.00
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1.25
1.00
0.75
0.50
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0.00
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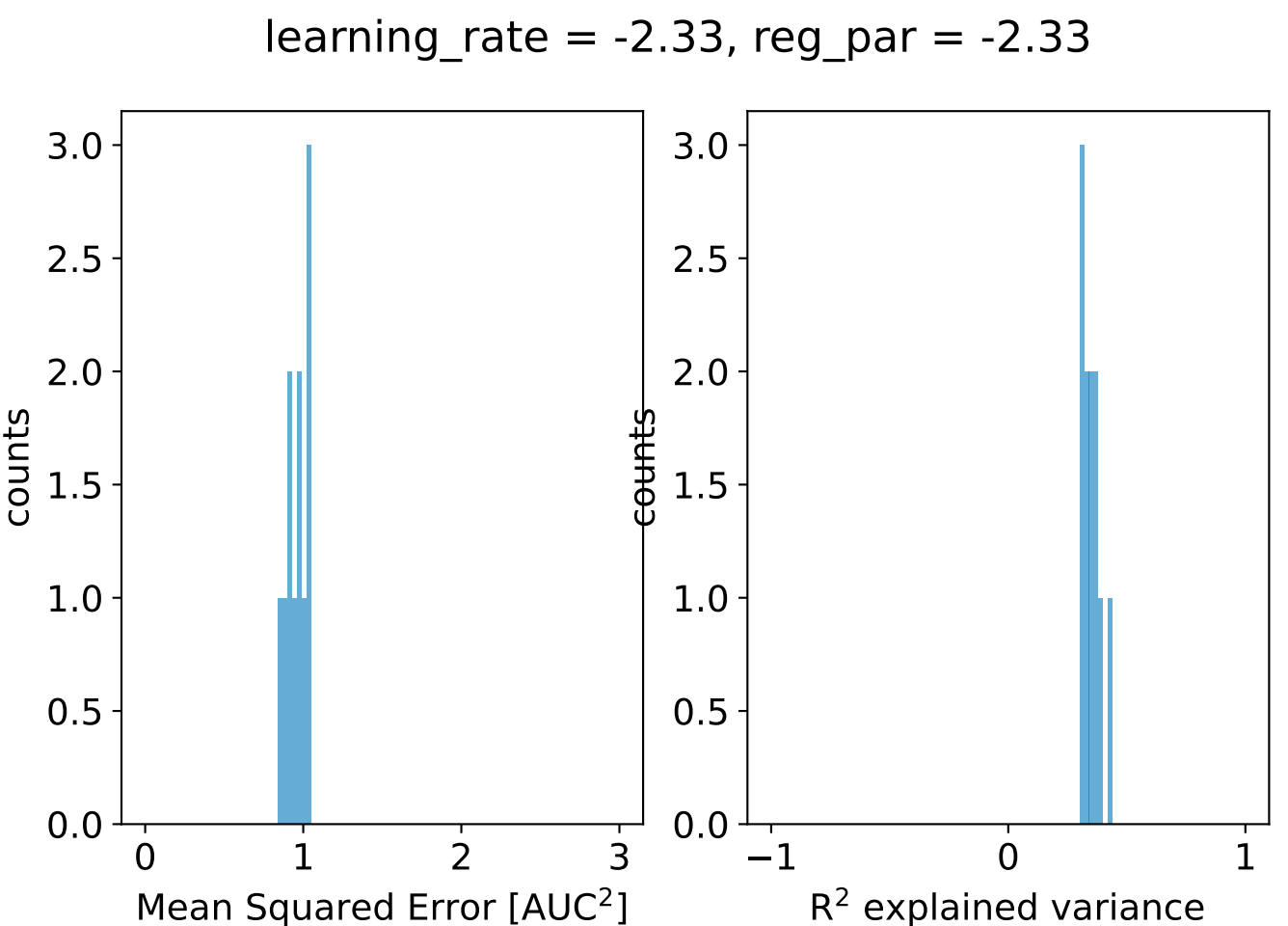
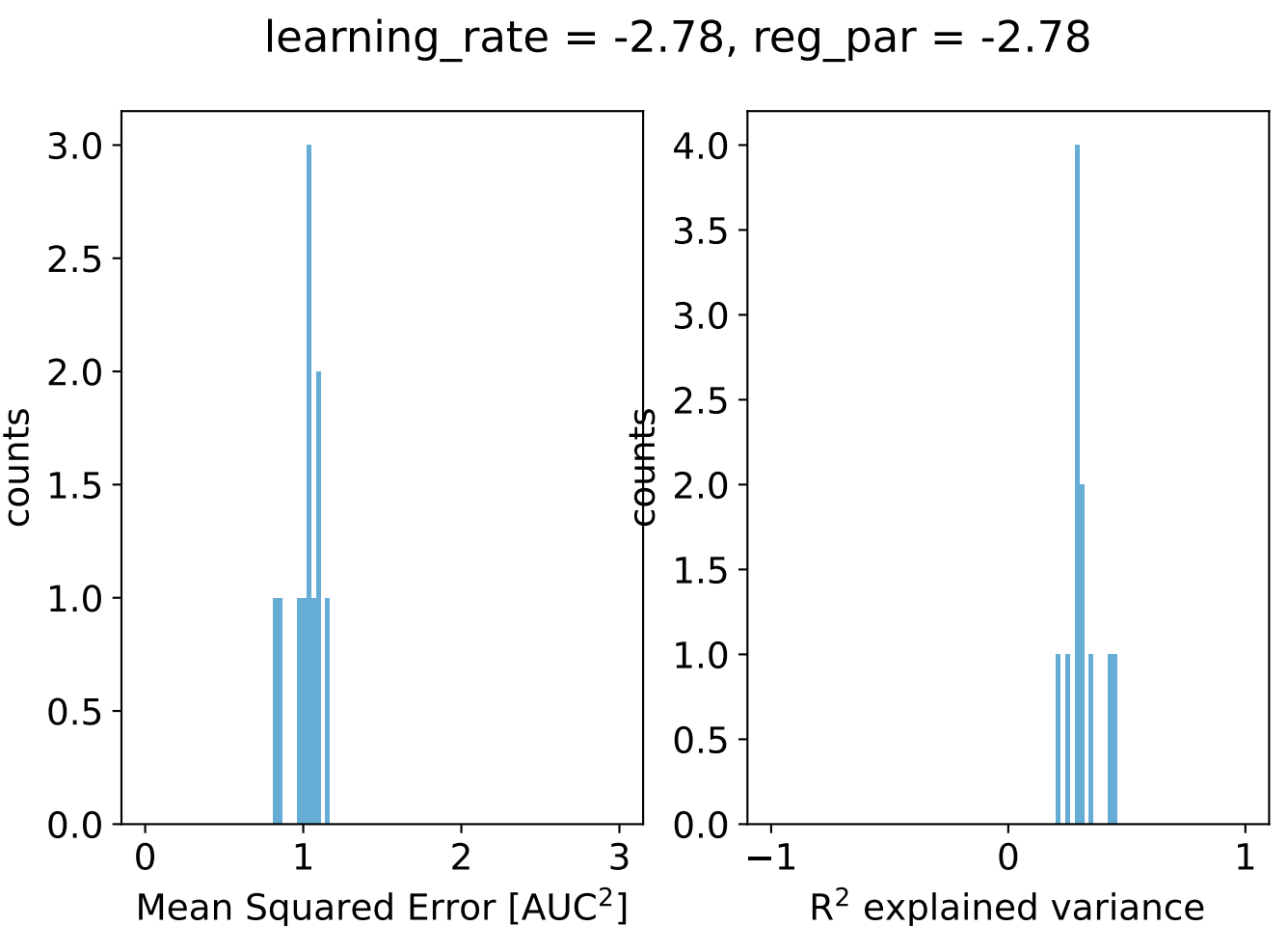
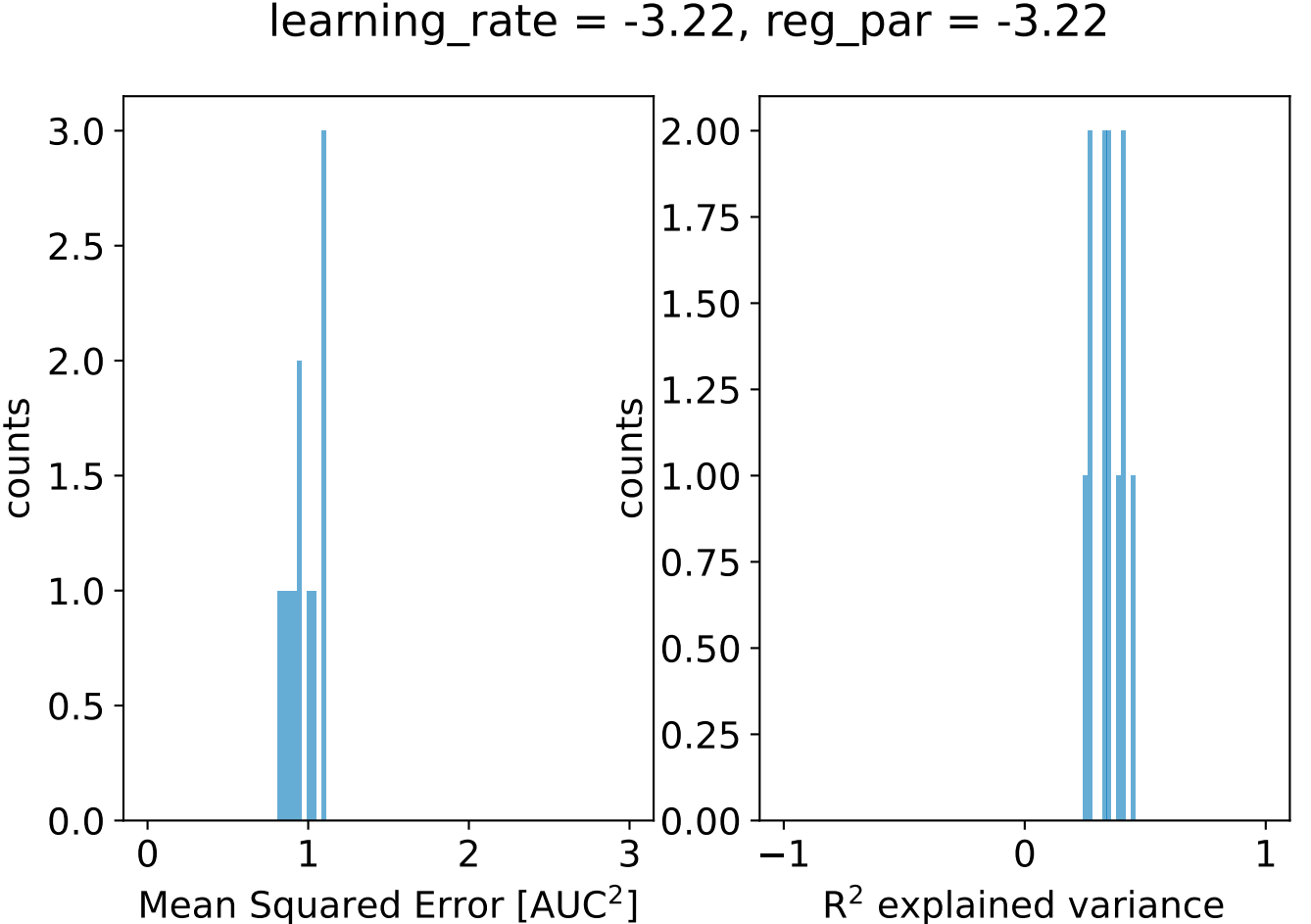
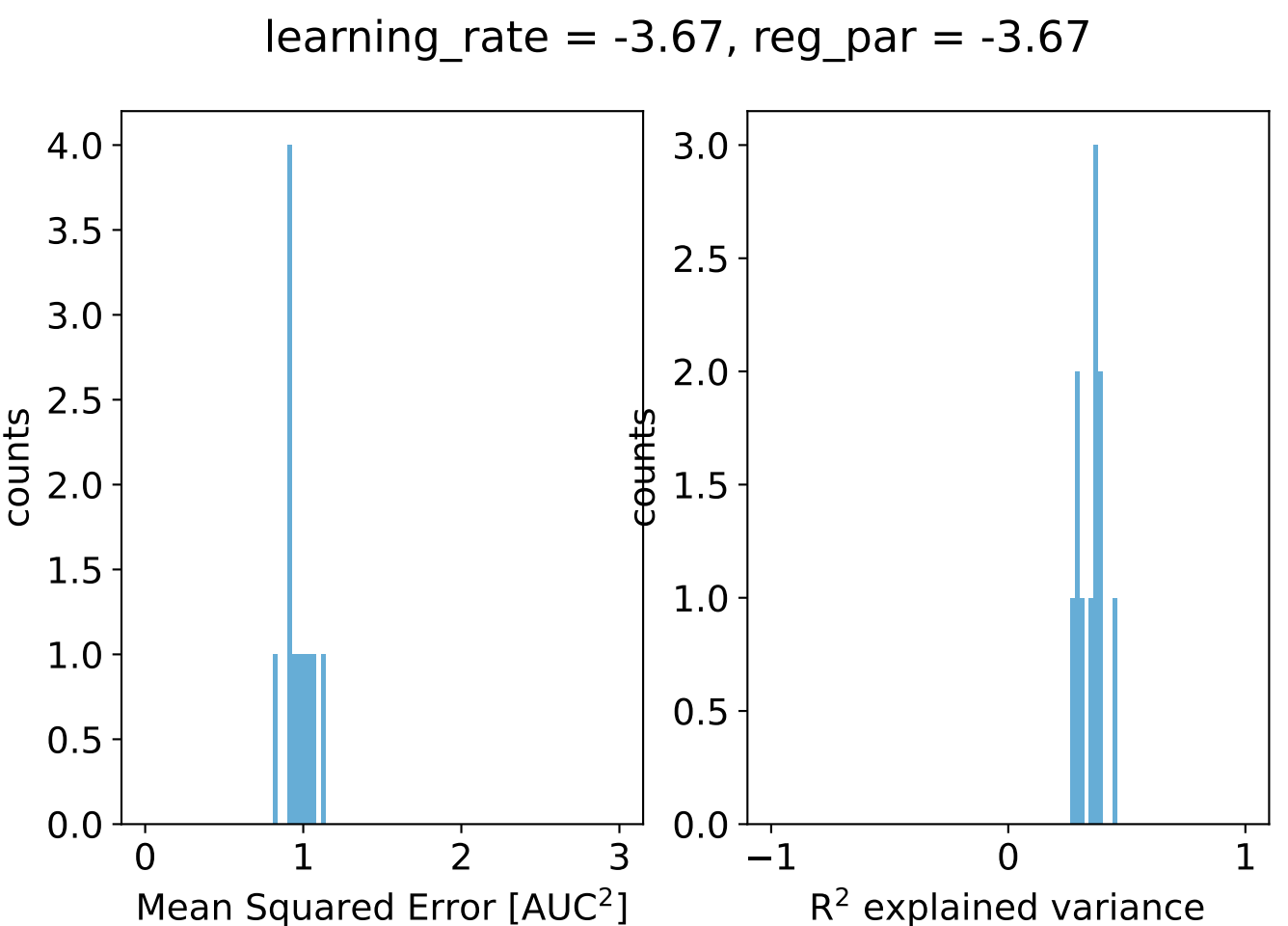
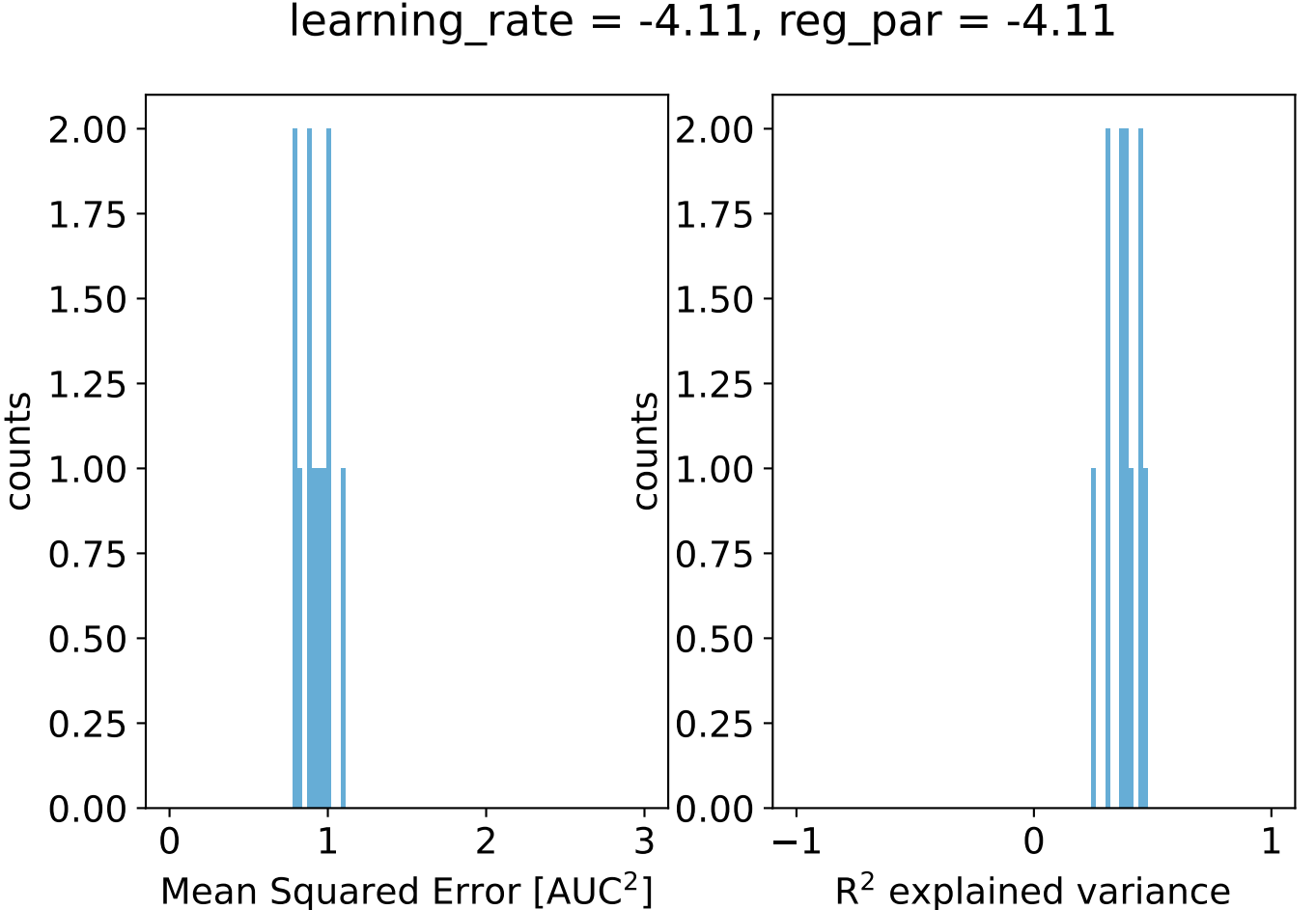
0
1
R^2 explained variance


learning_rate = -2.33, reg_par = -2.33
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
2
3
Mean Squared Error [AUC^2]
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance


learning_rate = -2.78, reg_par = -2.78
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance


learning_rate = -3.22, reg_par = -3.22
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance


learning_rate = -3.67, reg_par = -3.67
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance


learning_rate = -4.11, reg_par = -4.11
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
2.00
1.75
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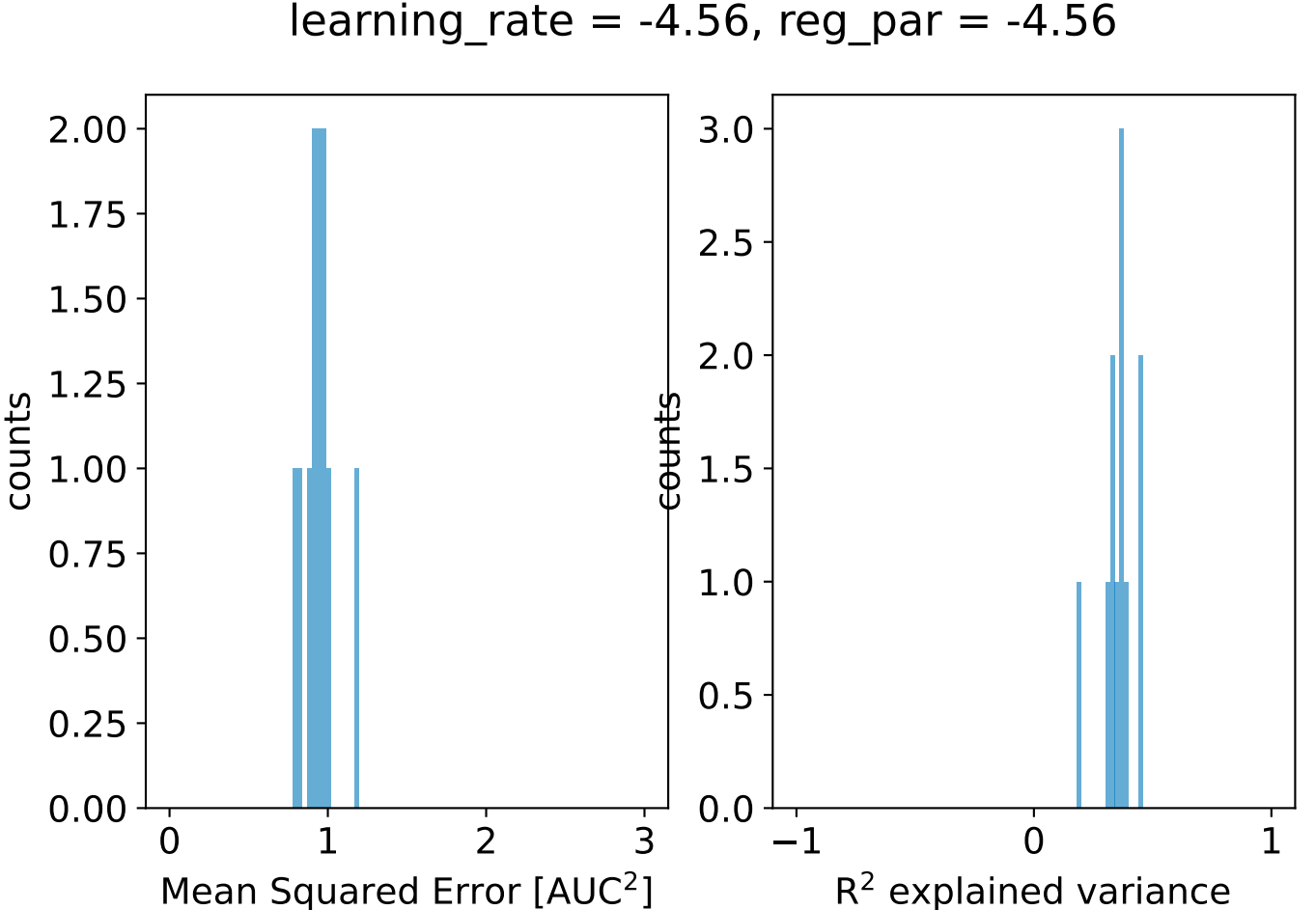
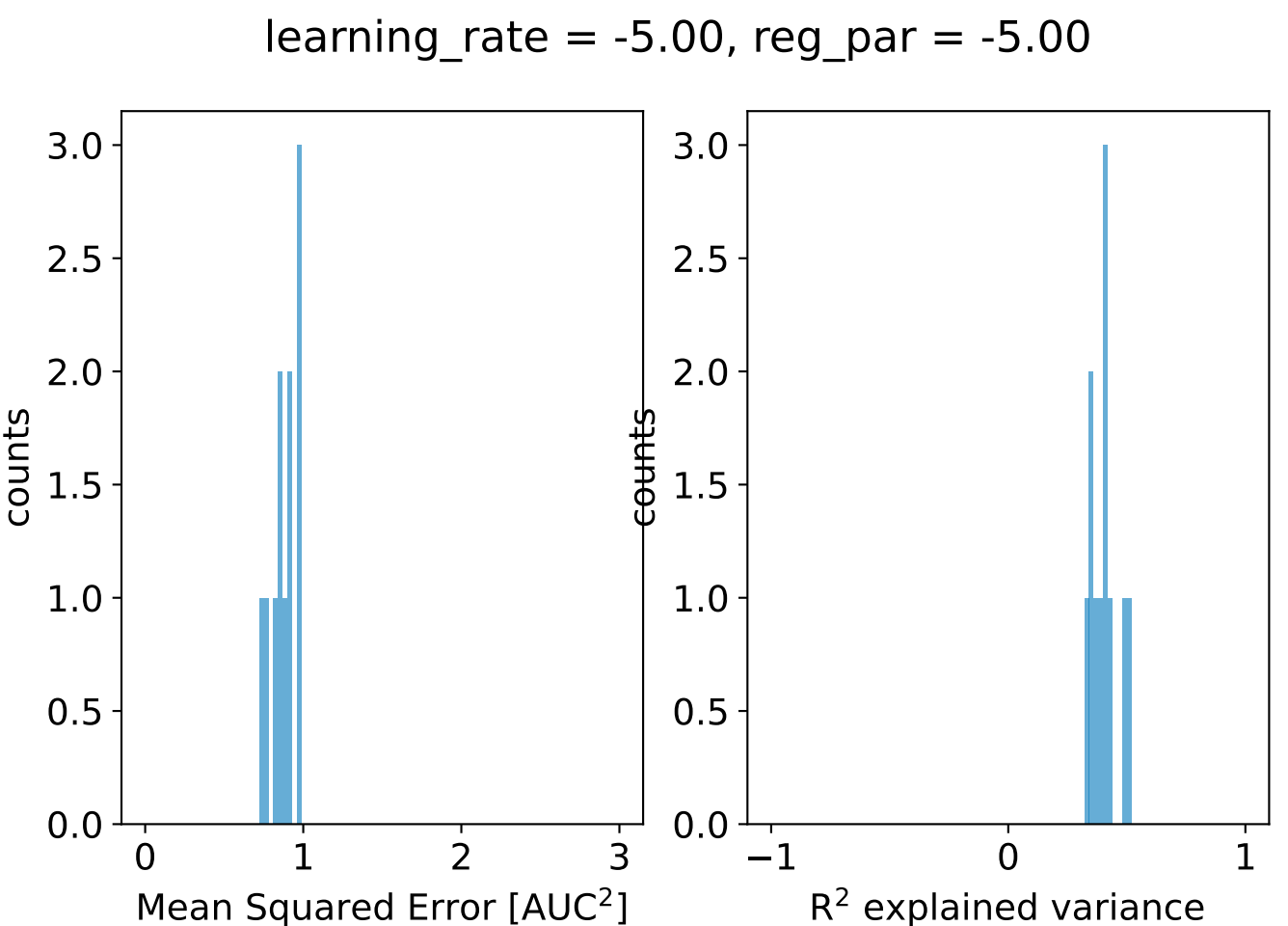
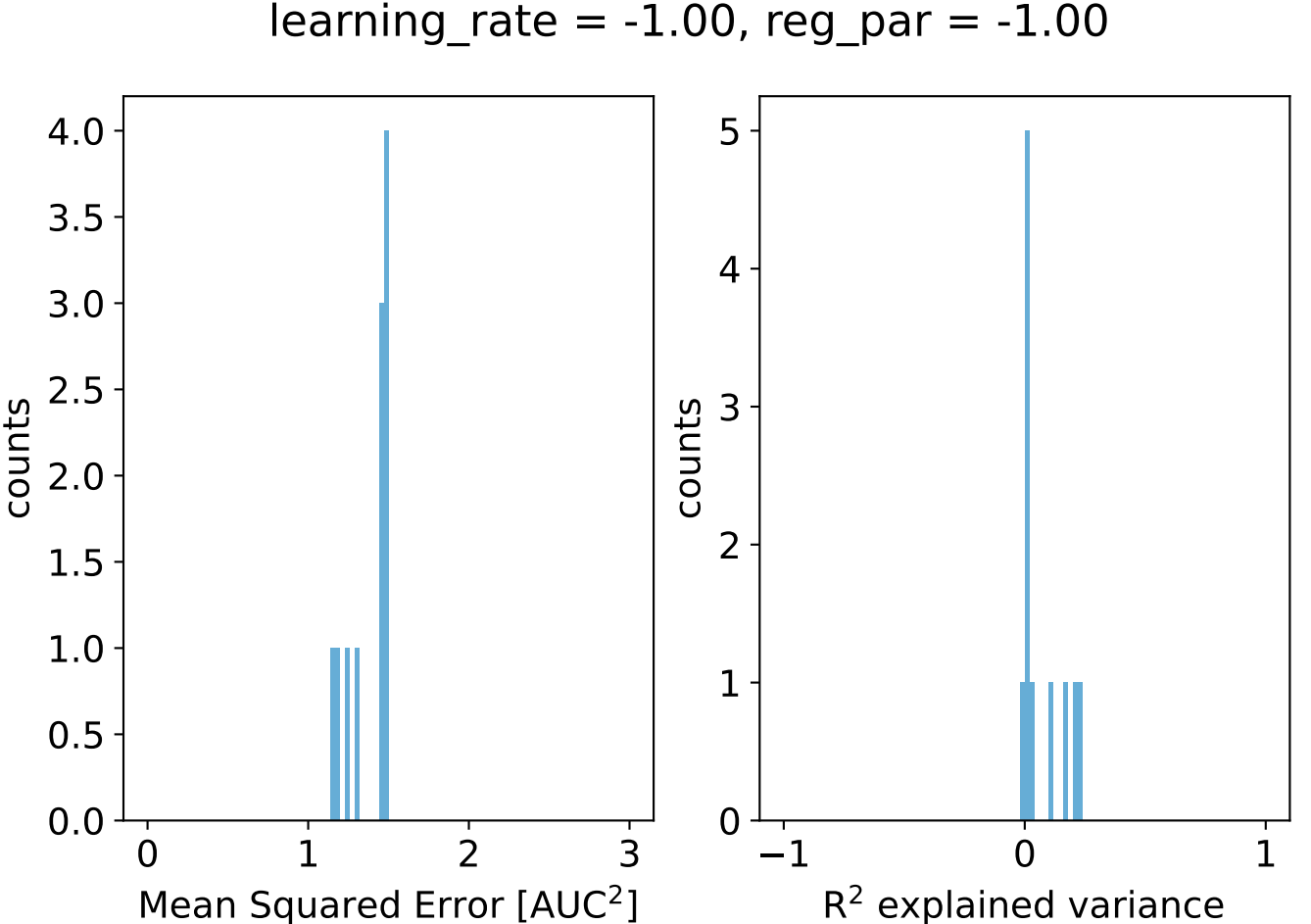
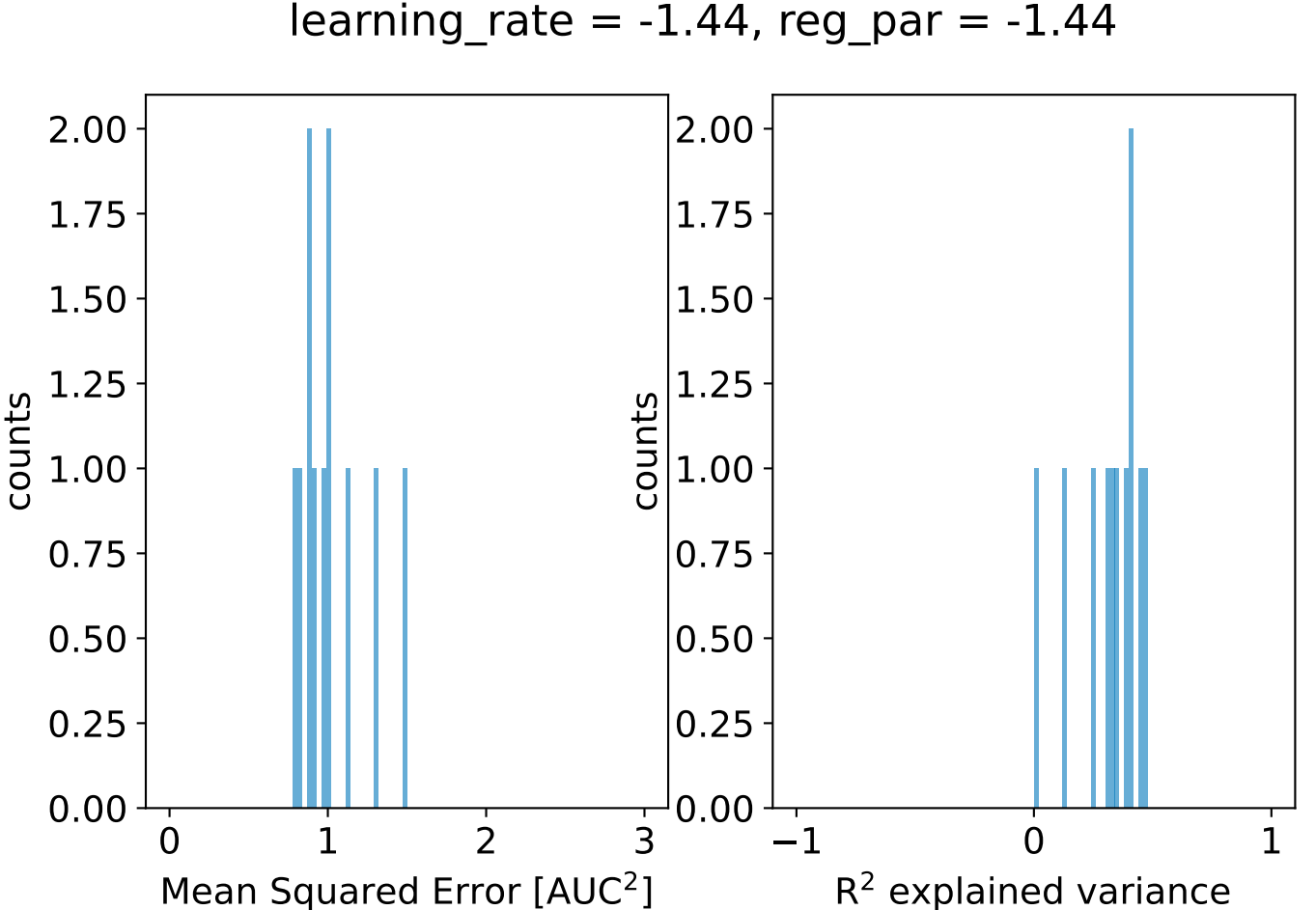
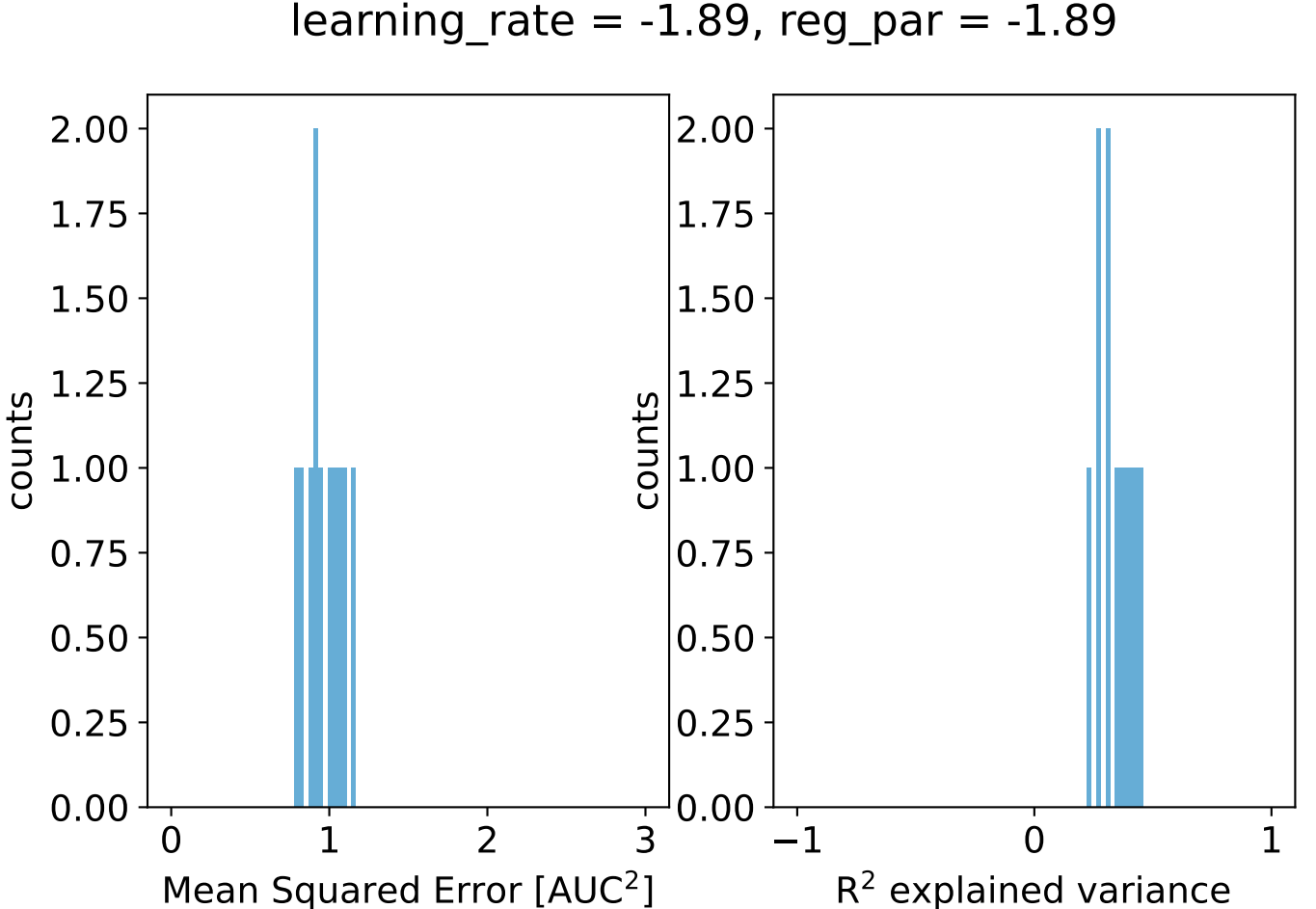
1.25
1.00
0.75
0.50
0.25
0.00
−1
0
1
R^2 explained variance

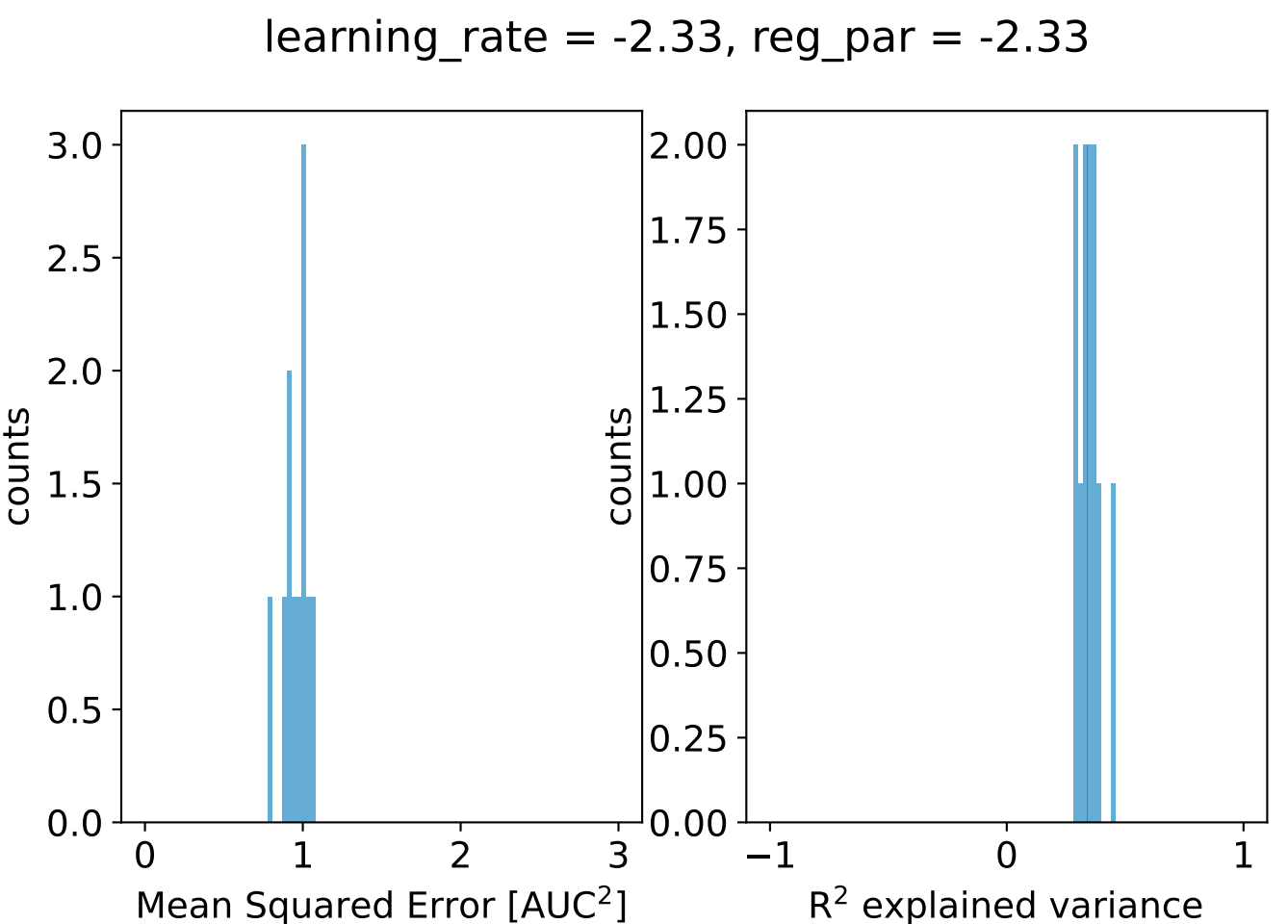

learning_rate = -4.56, reg_par = -4.56
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance

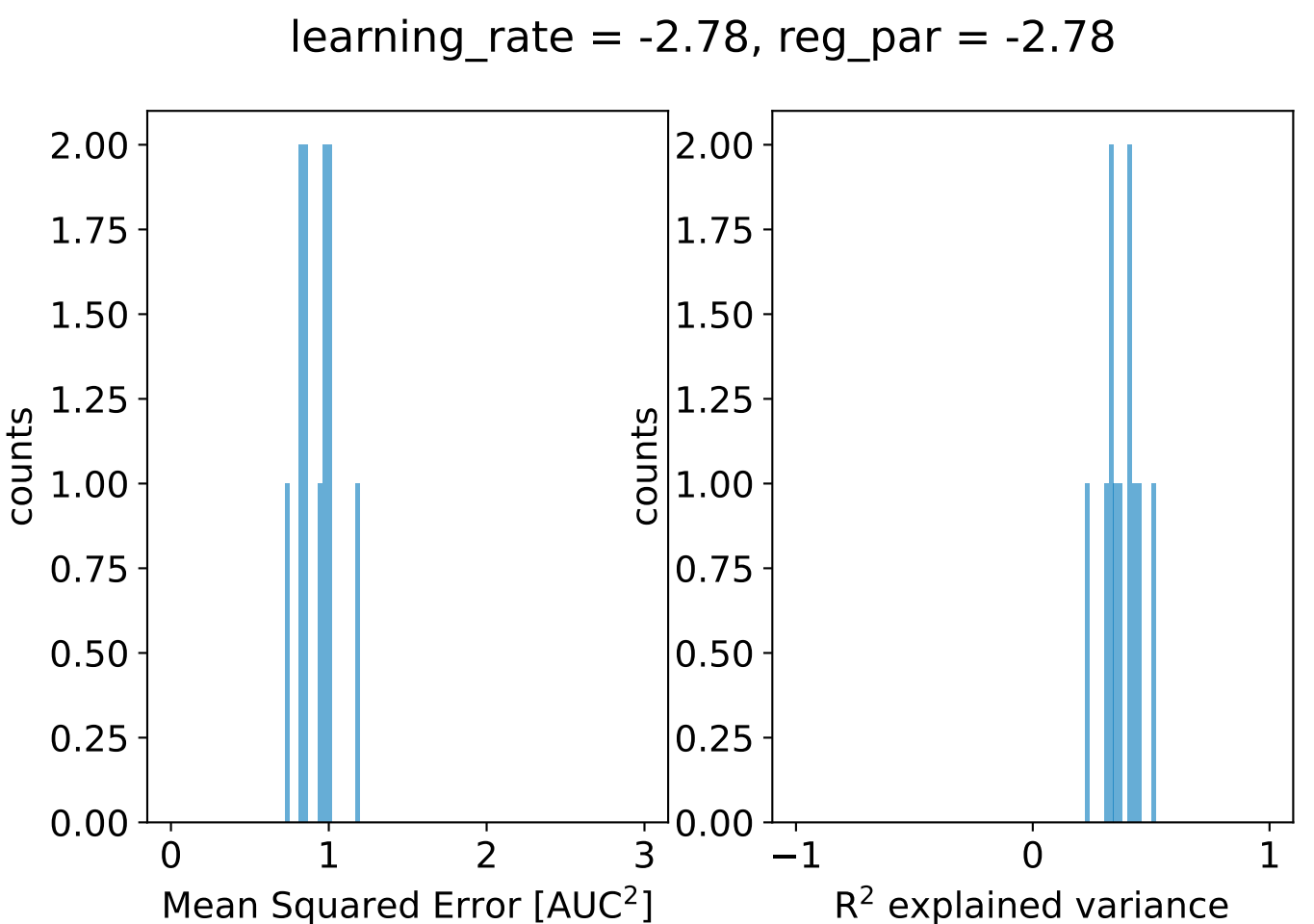

learning_rate = -5.00, reg_par = -5.00
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
2
3
Mean Squared Error [AUC^2]
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance

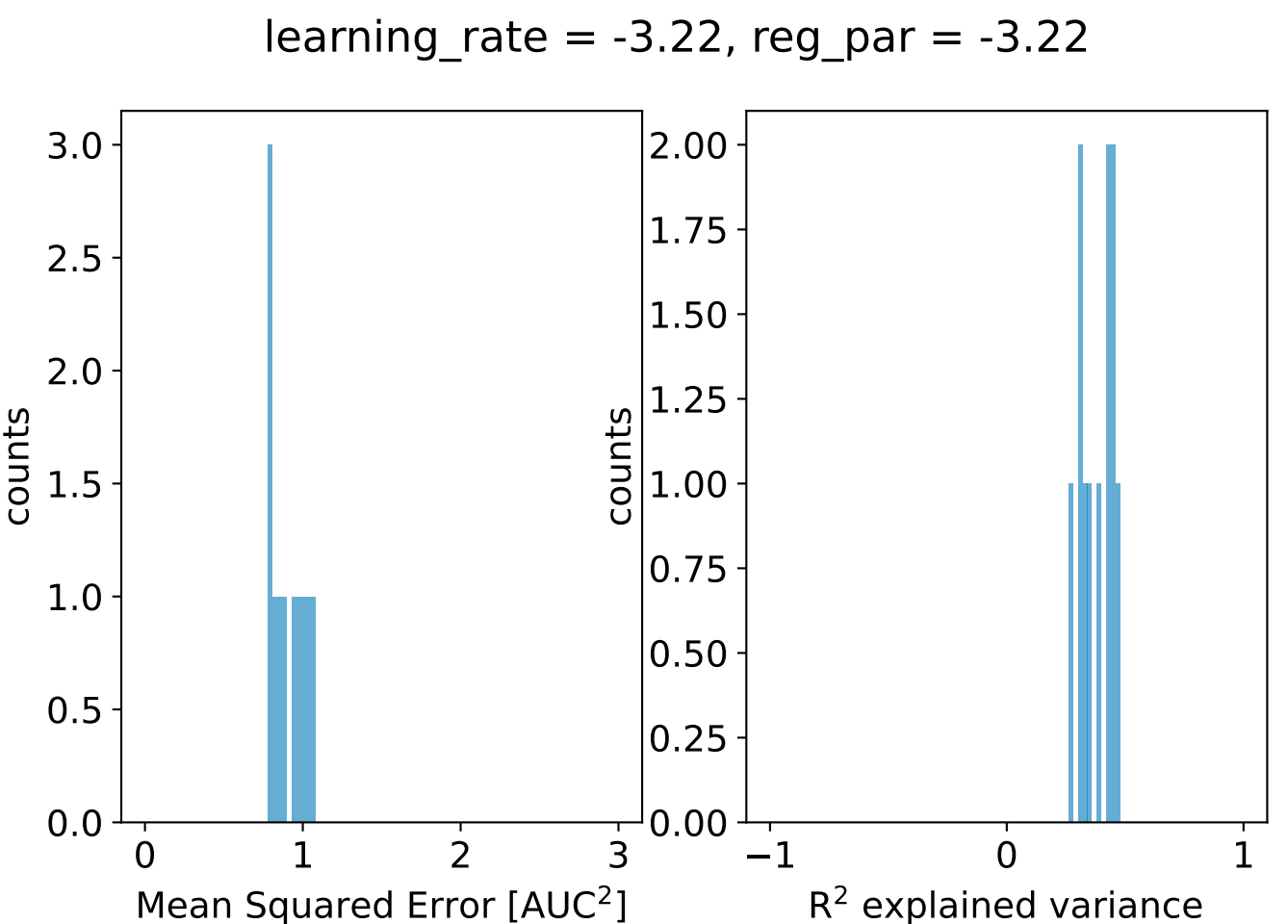

learning_rate = -1.00, reg_par = -1.00
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance

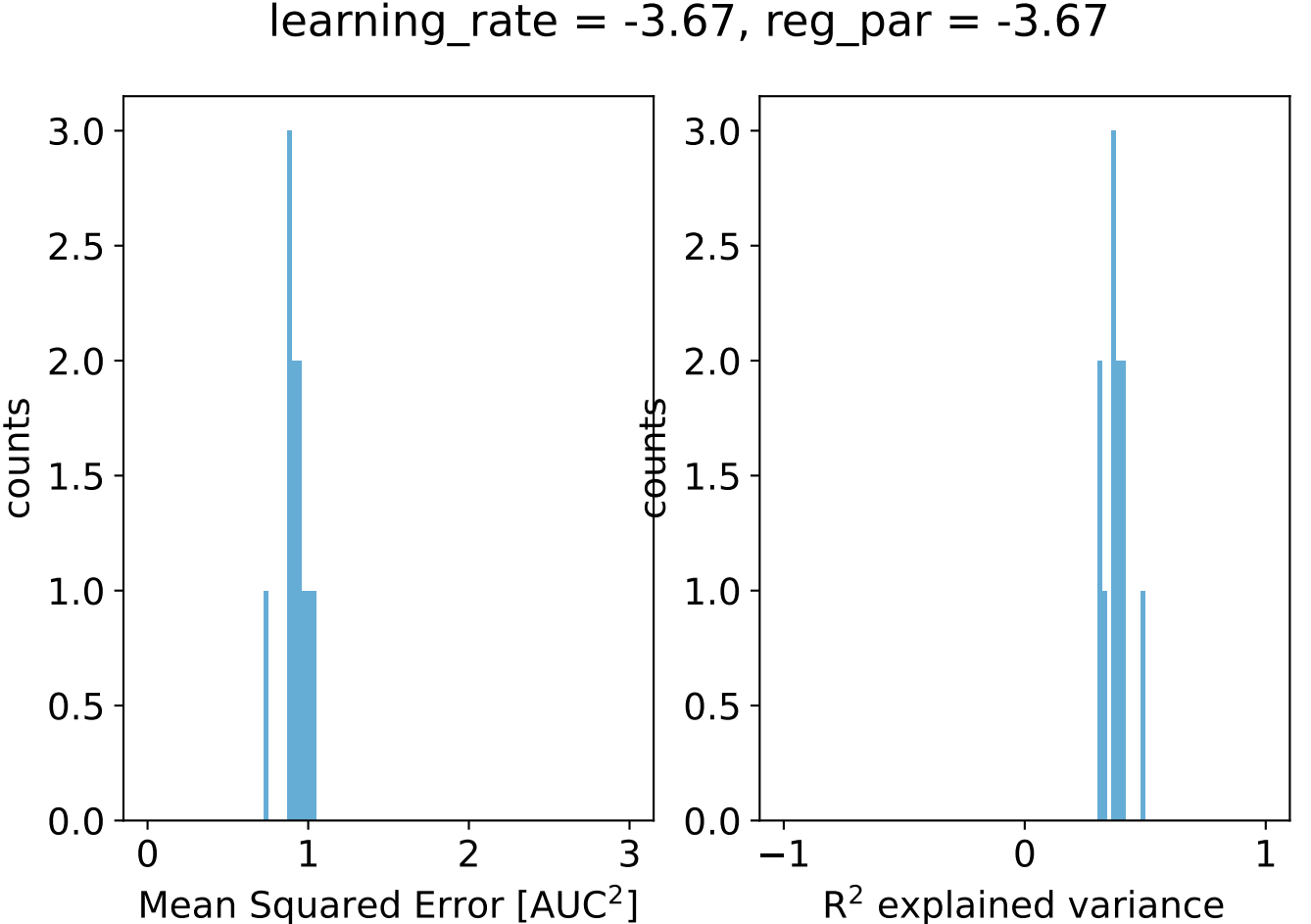

learning_rate = -1.44, reg_par = -1.44
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
−1
0
1
R^2 explained variance

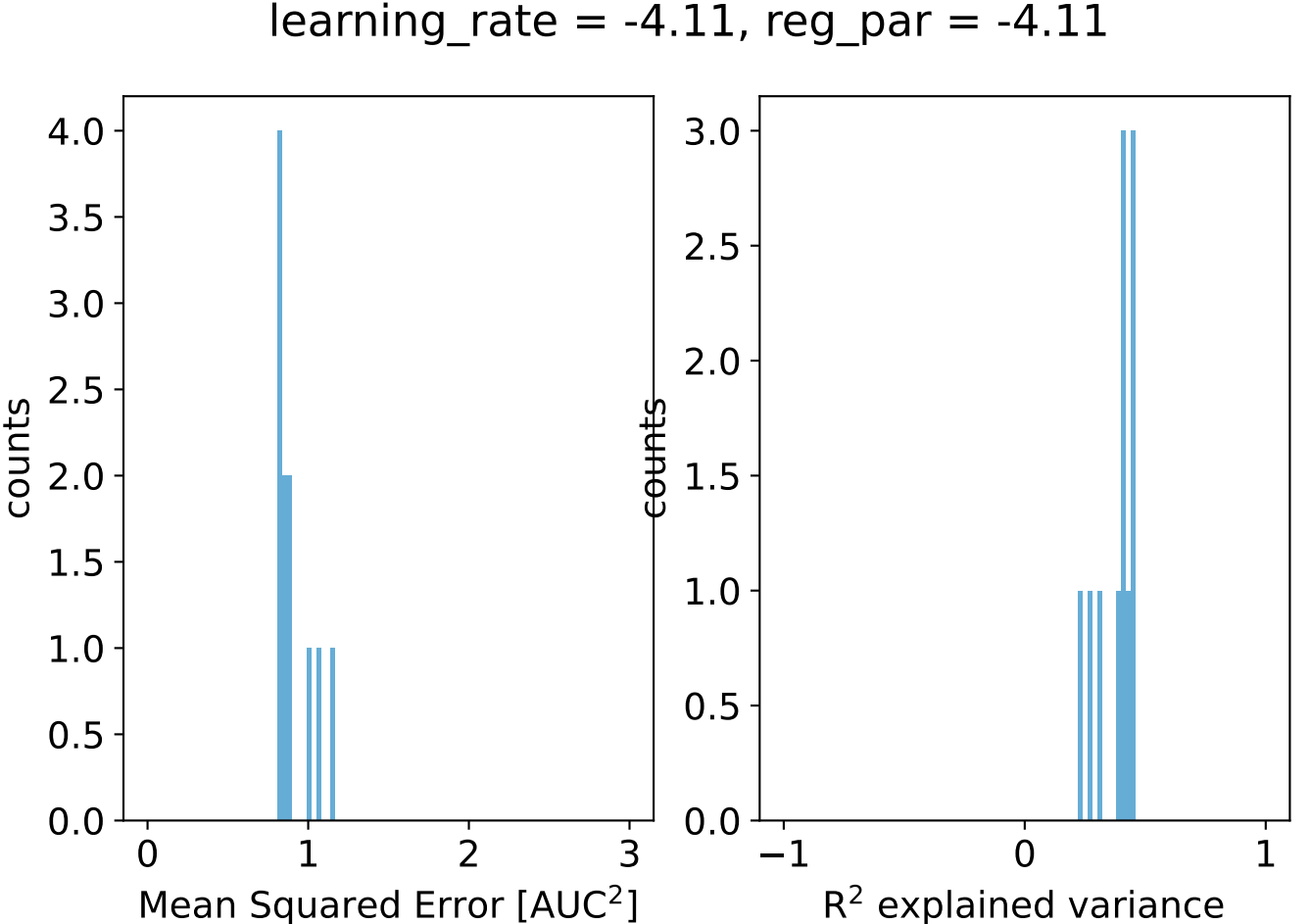

learning_rate = -1.89, reg_par = -1.89
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
−1
0
1
R^2 explained variance

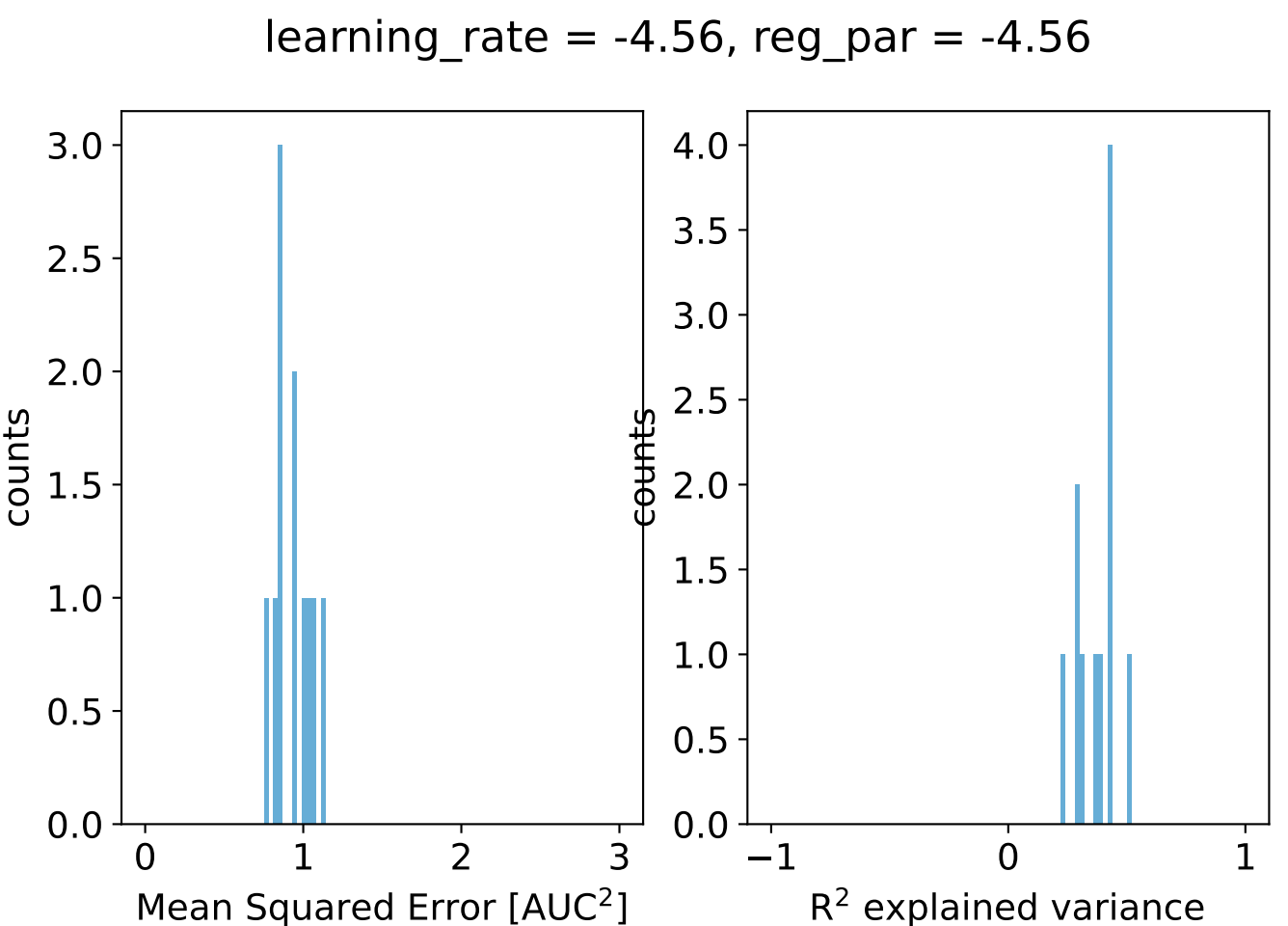

learning_rate = -2.33, reg_par = -2.33
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance

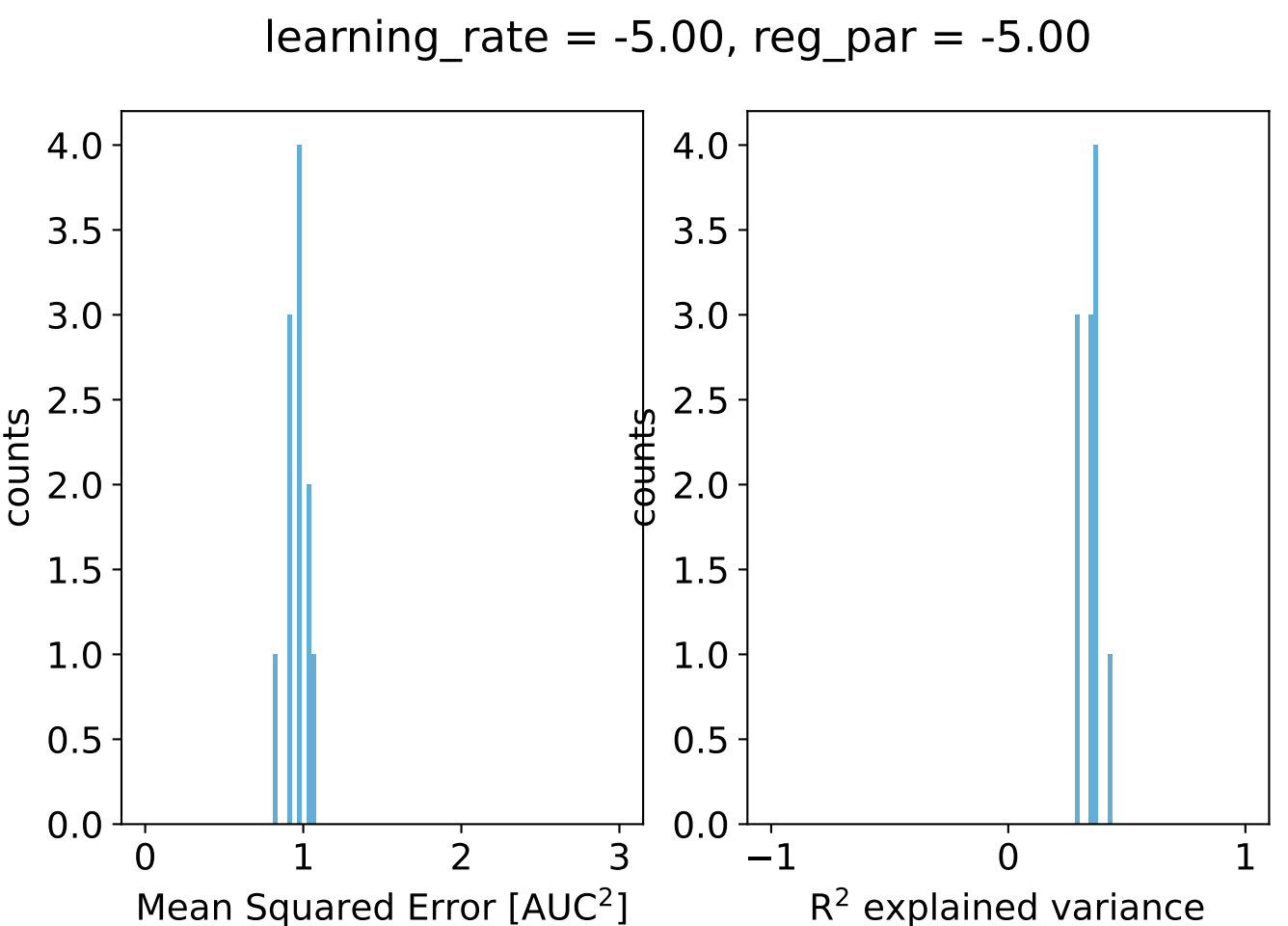

learning_rate = -2.78, reg_par = -2.78
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
−1
0
1
R^2 explained variance

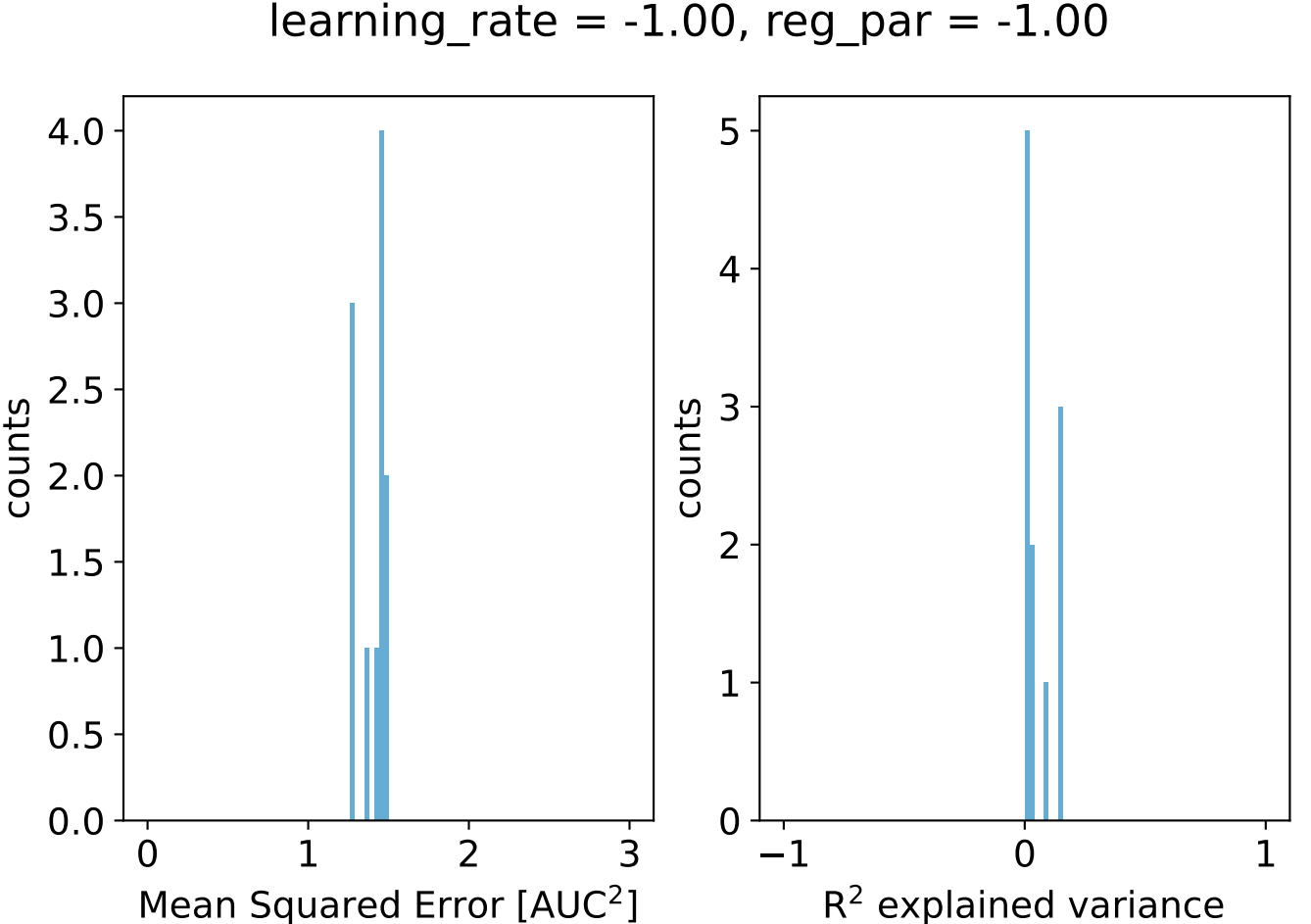

learning_rate = -3.22, reg_par = -3.22
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance

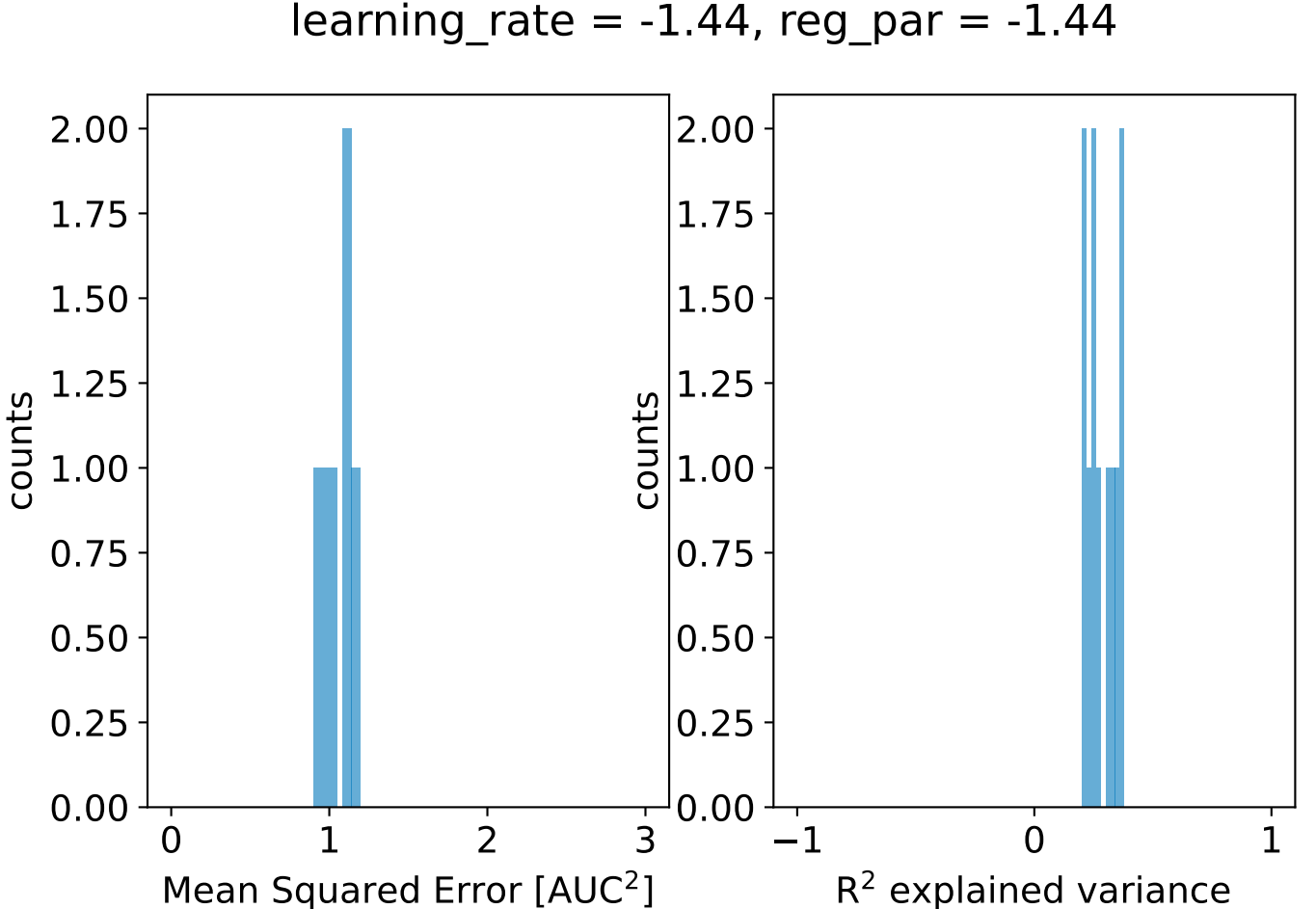

learning_rate = -3.67, reg_par = -3.67
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
2
3
Mean Squared Error [AUC^2]
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance

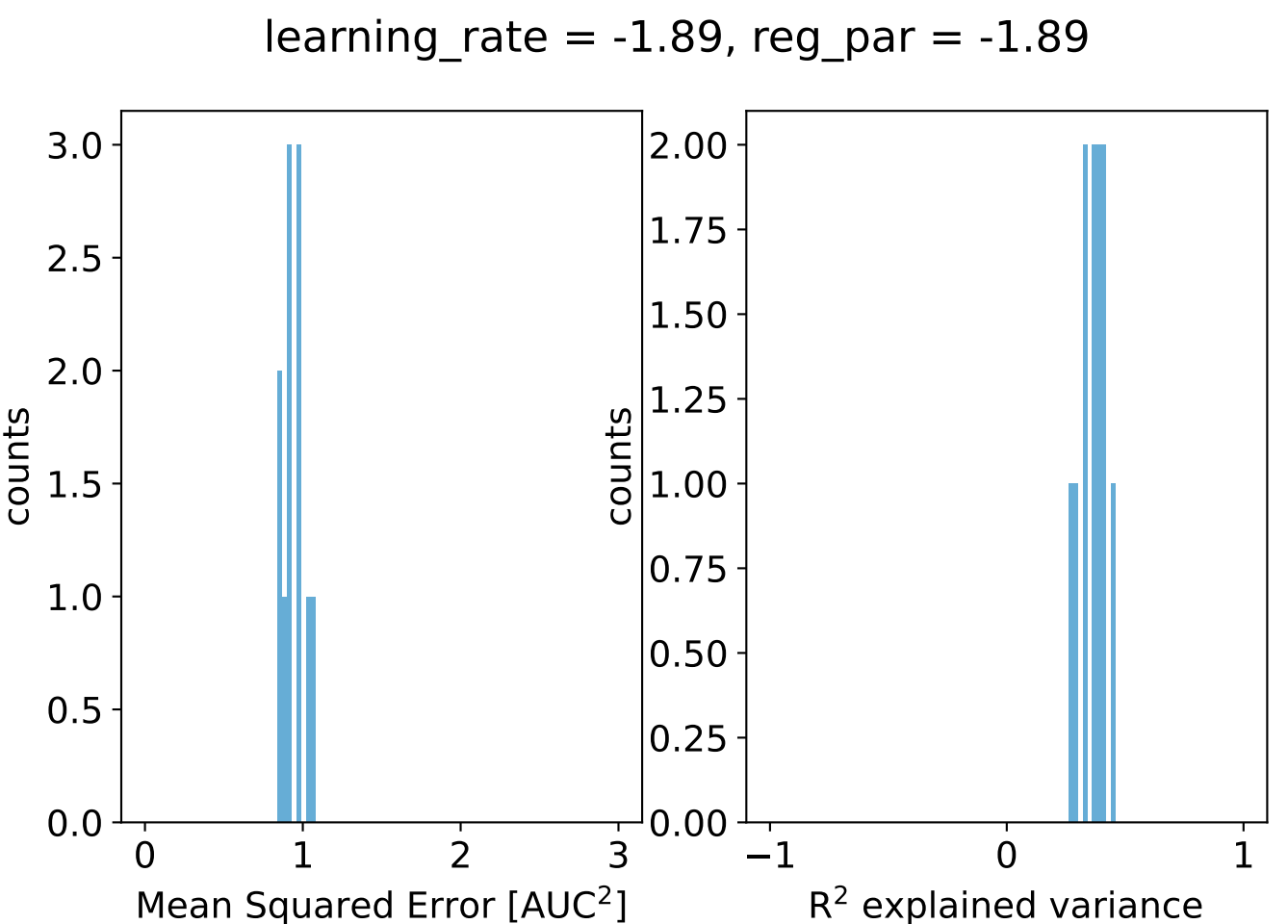

learning_rate = -4.11, reg_par = -4.11
counts
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
2
3
Mean Squared Error [AUC^2]
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance

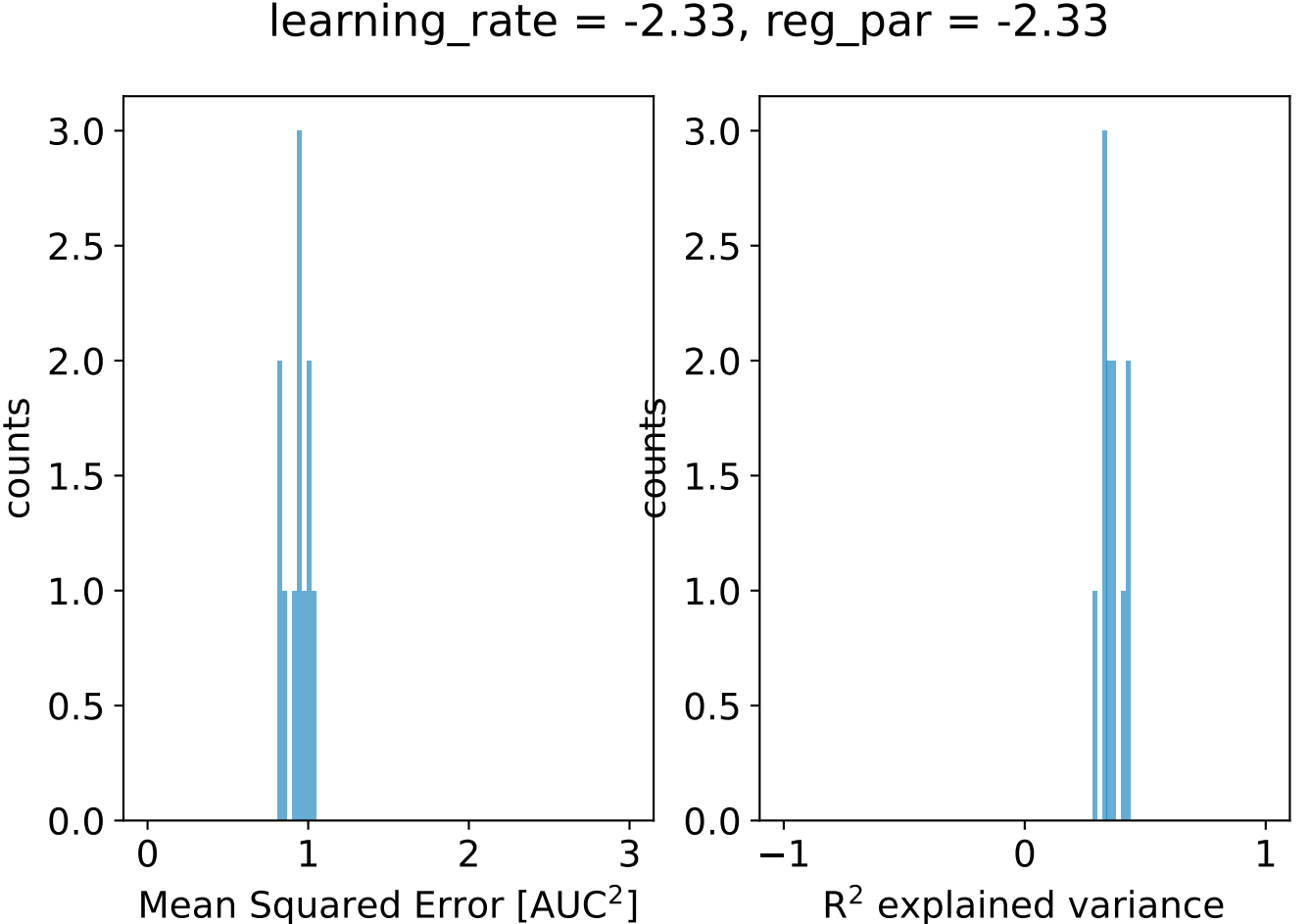

learning_rate = -4.56, reg_par = -4.56
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance

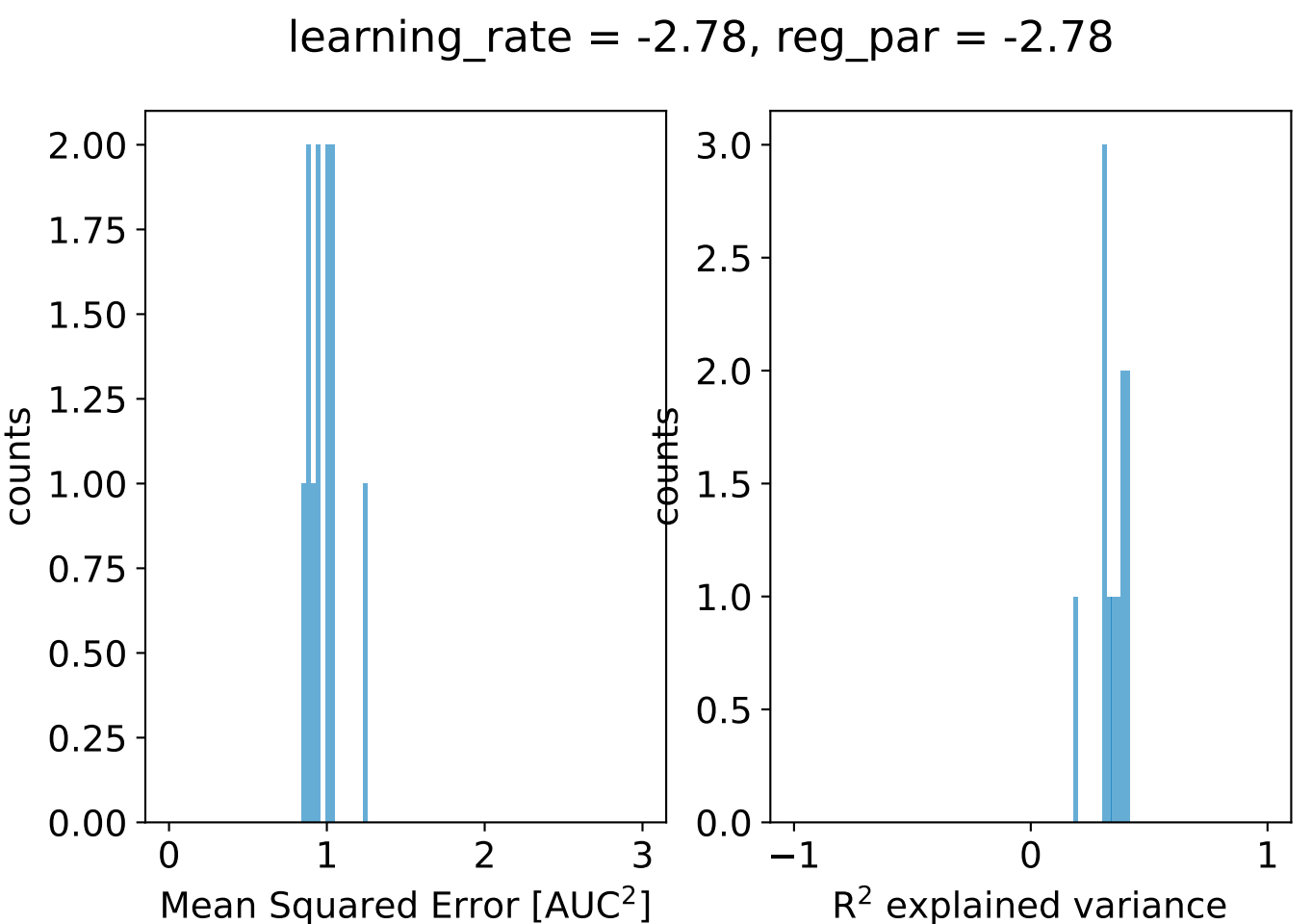

learning_rate = -5.00, reg_par = -5.00
counts
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
2
3
Mean Squared Error [AUC^2]
counts
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance

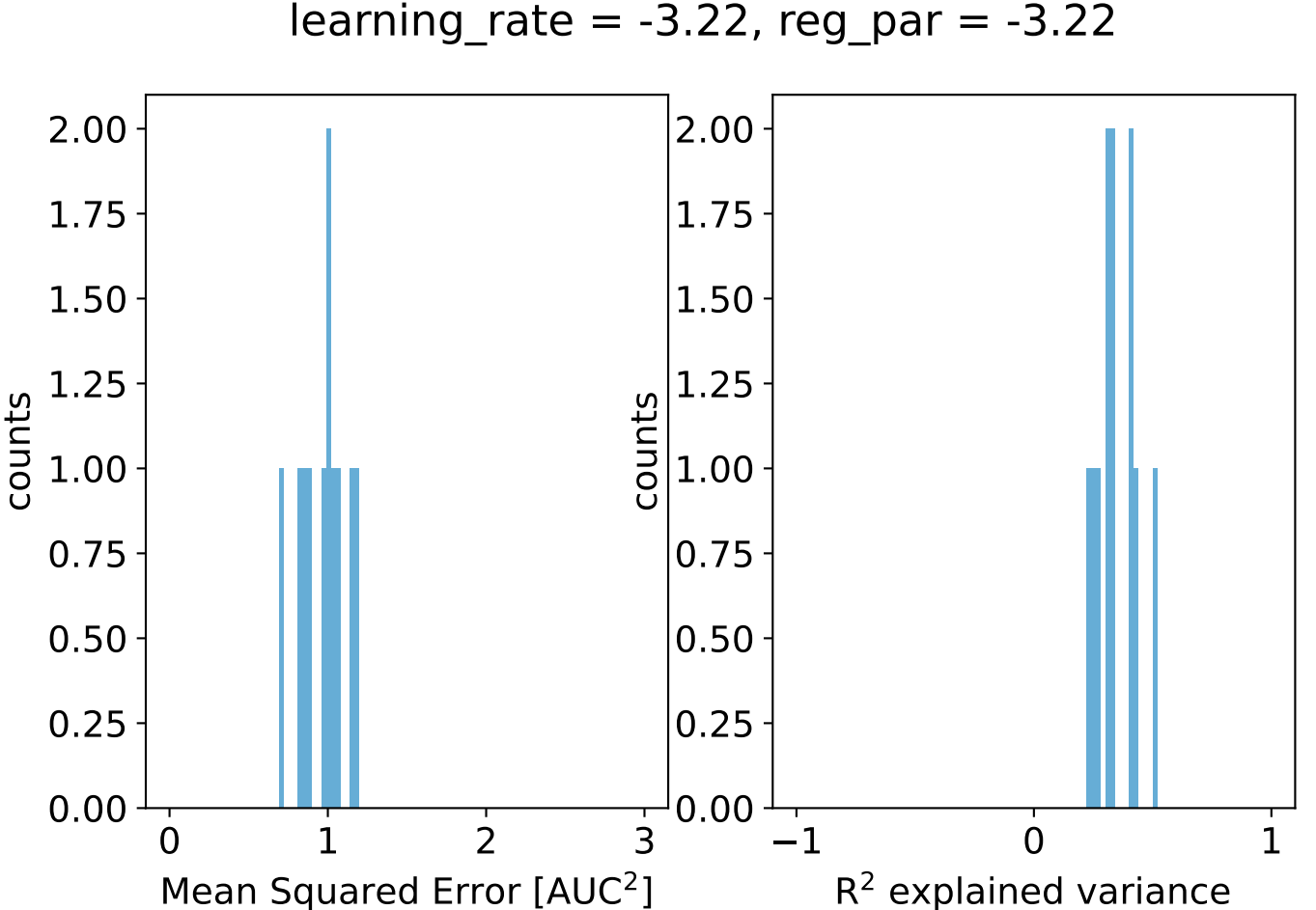

learning_rate = -1.00, reg_par = -1.00
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance

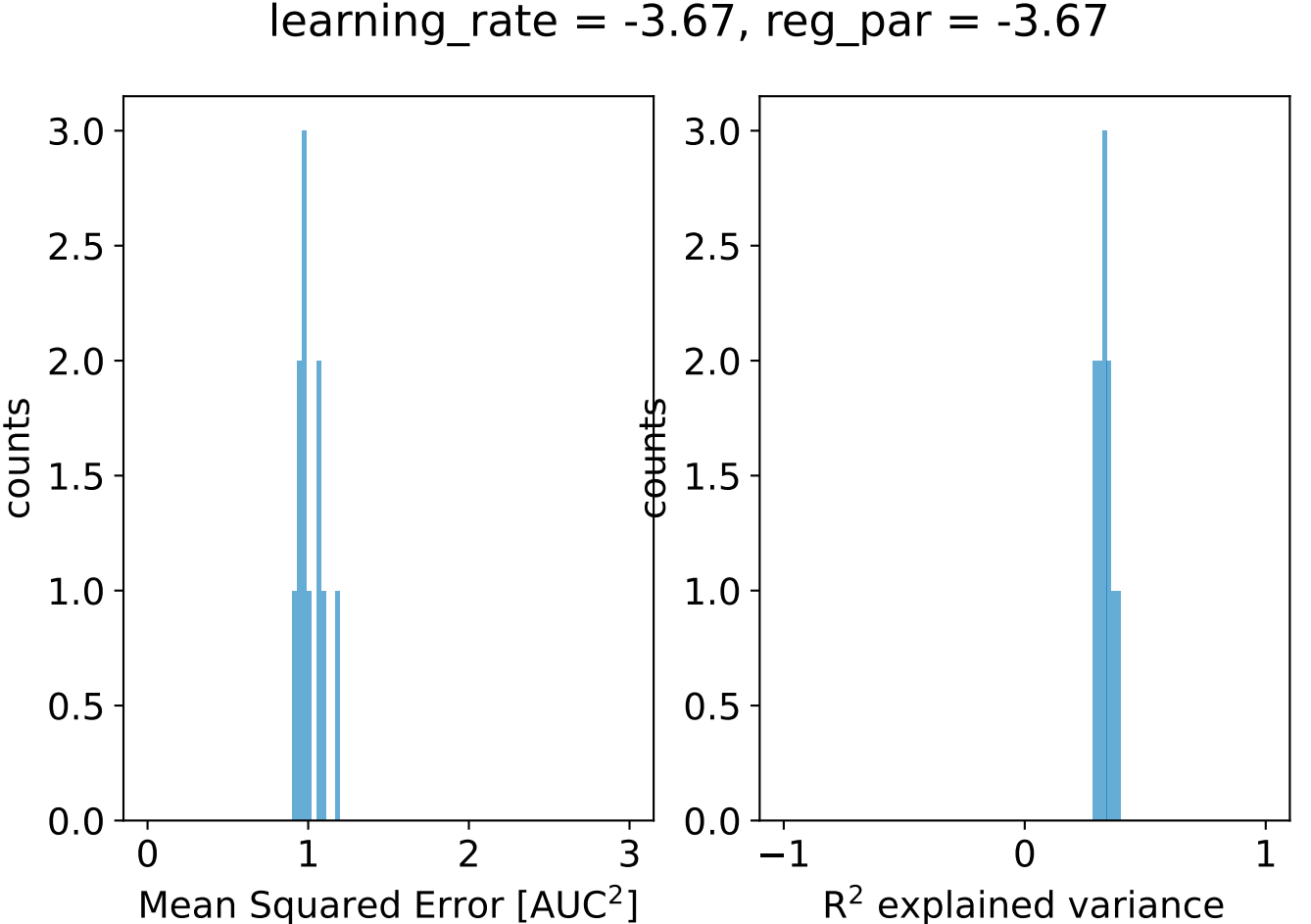

learning_rate = -1.44, reg_par = -1.44
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
−1
0
1
R^2 explained variance

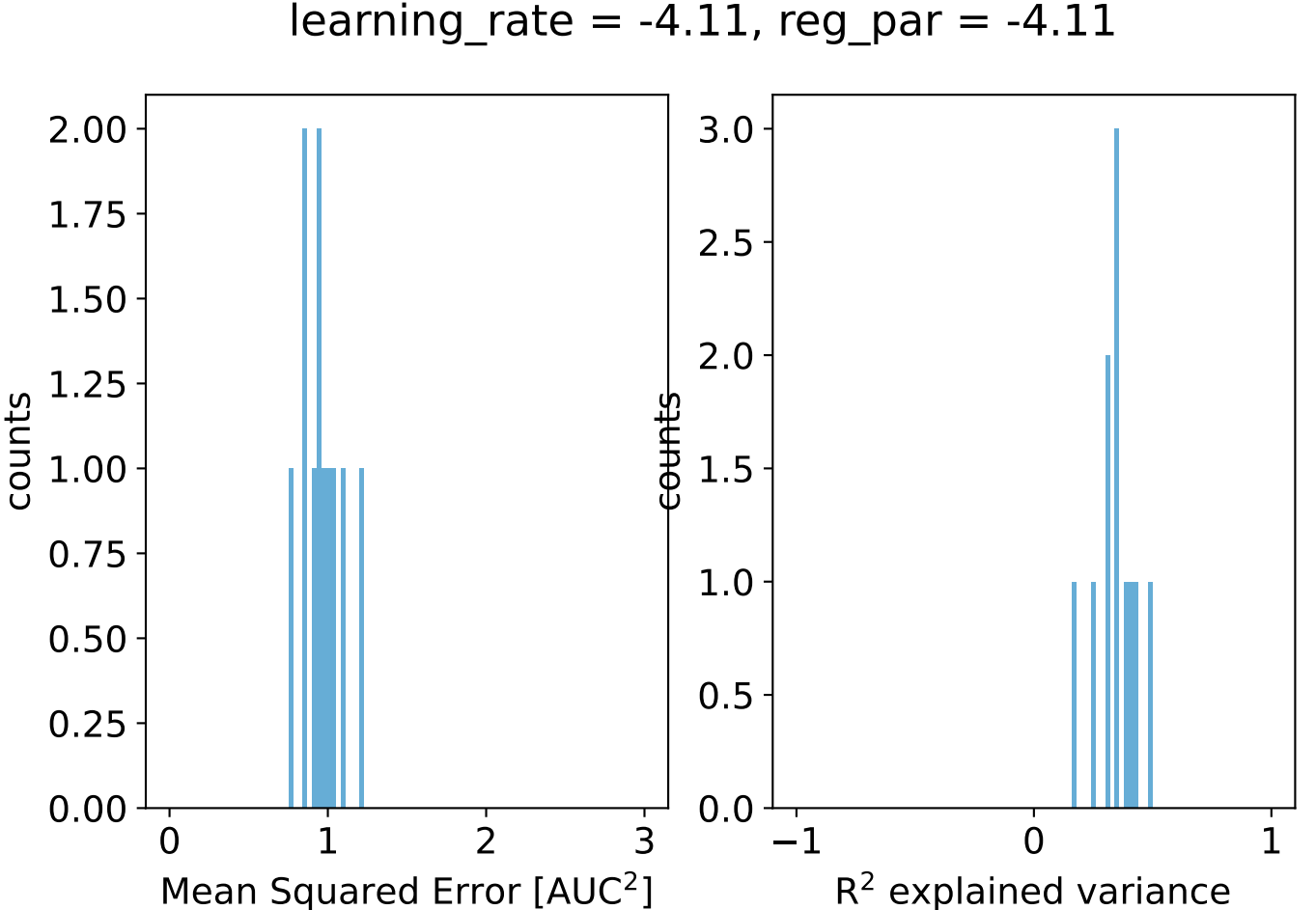

learning_rate = -1.89, reg_par = -1.89
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance

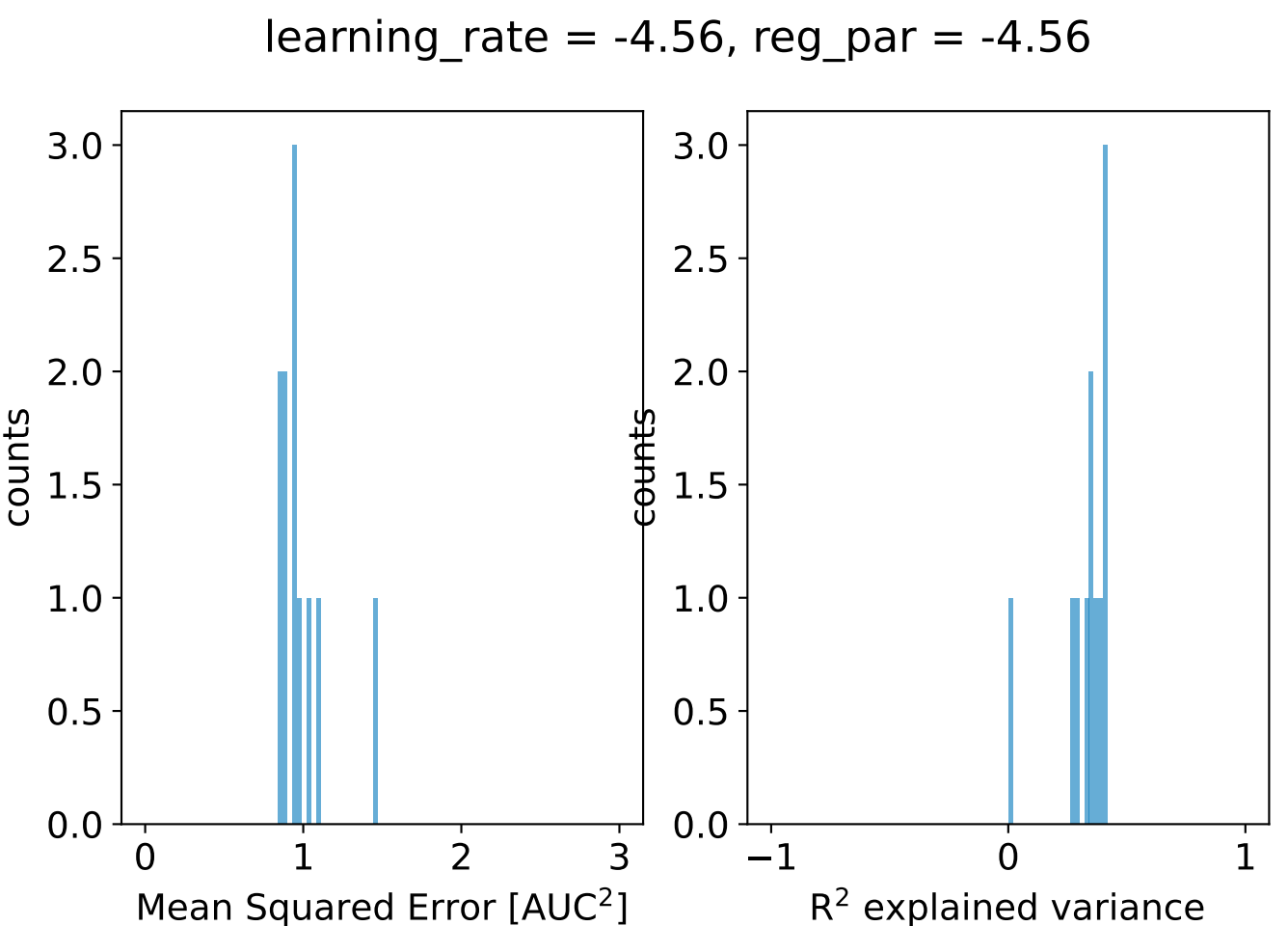

learning_rate = -2.33, reg_par = -2.33
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
2
3
Mean Squared Error [AUC^2]
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance

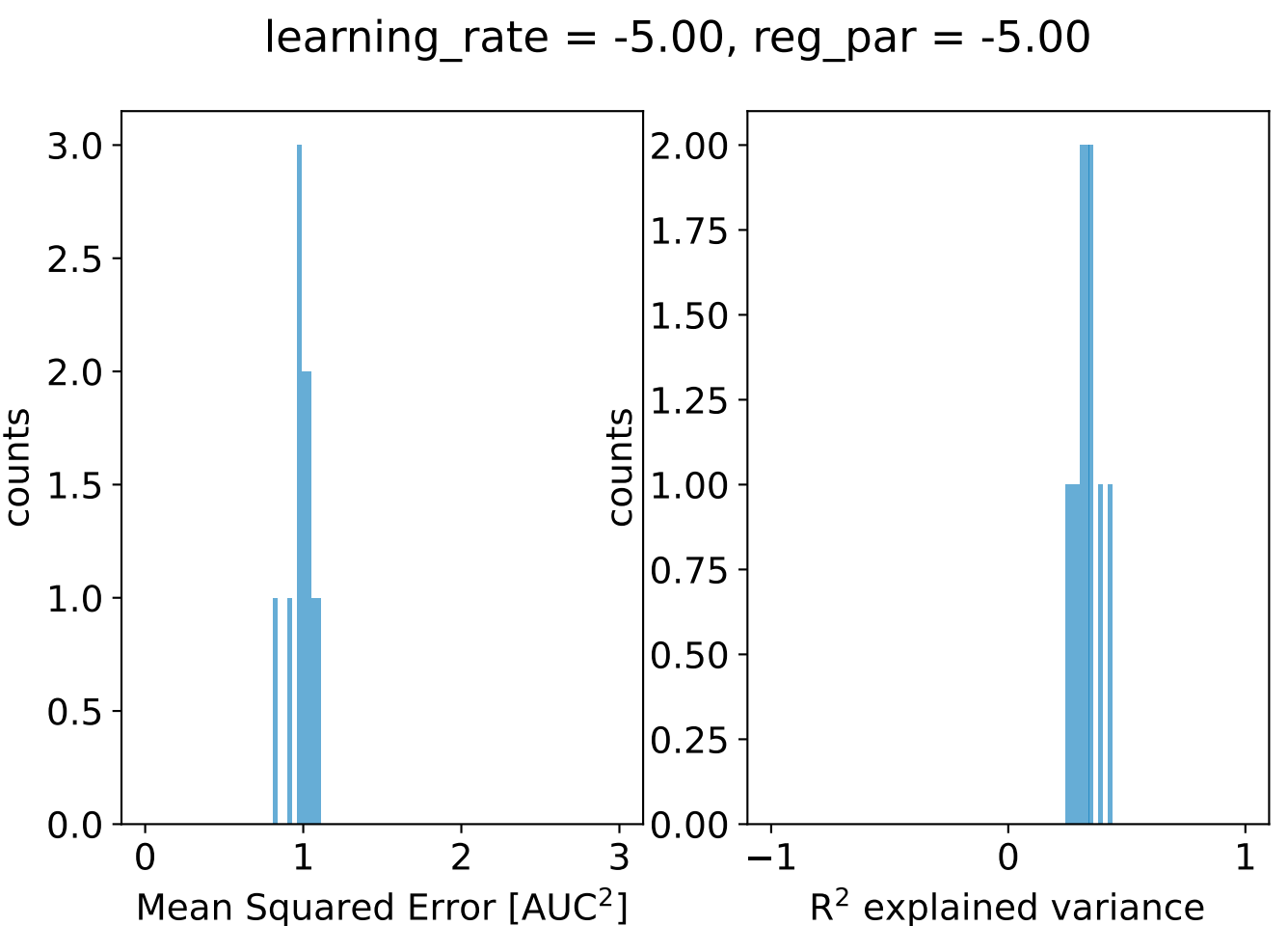

learning_rate = -2.78, reg_par = -2.78
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance

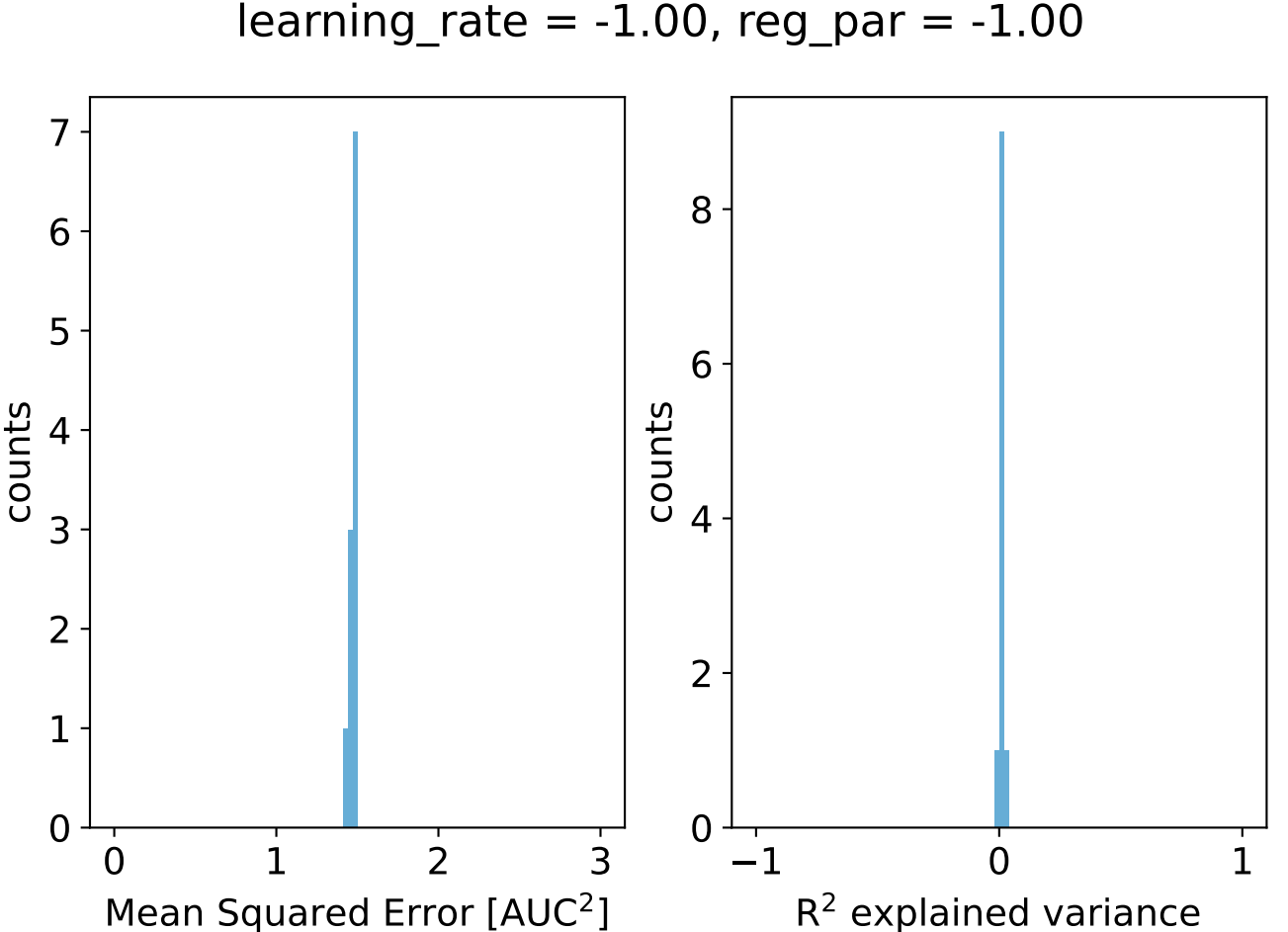

learning_rate = -3.22, reg_par = -3.22
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
−1
0
1
R^2 explained variance

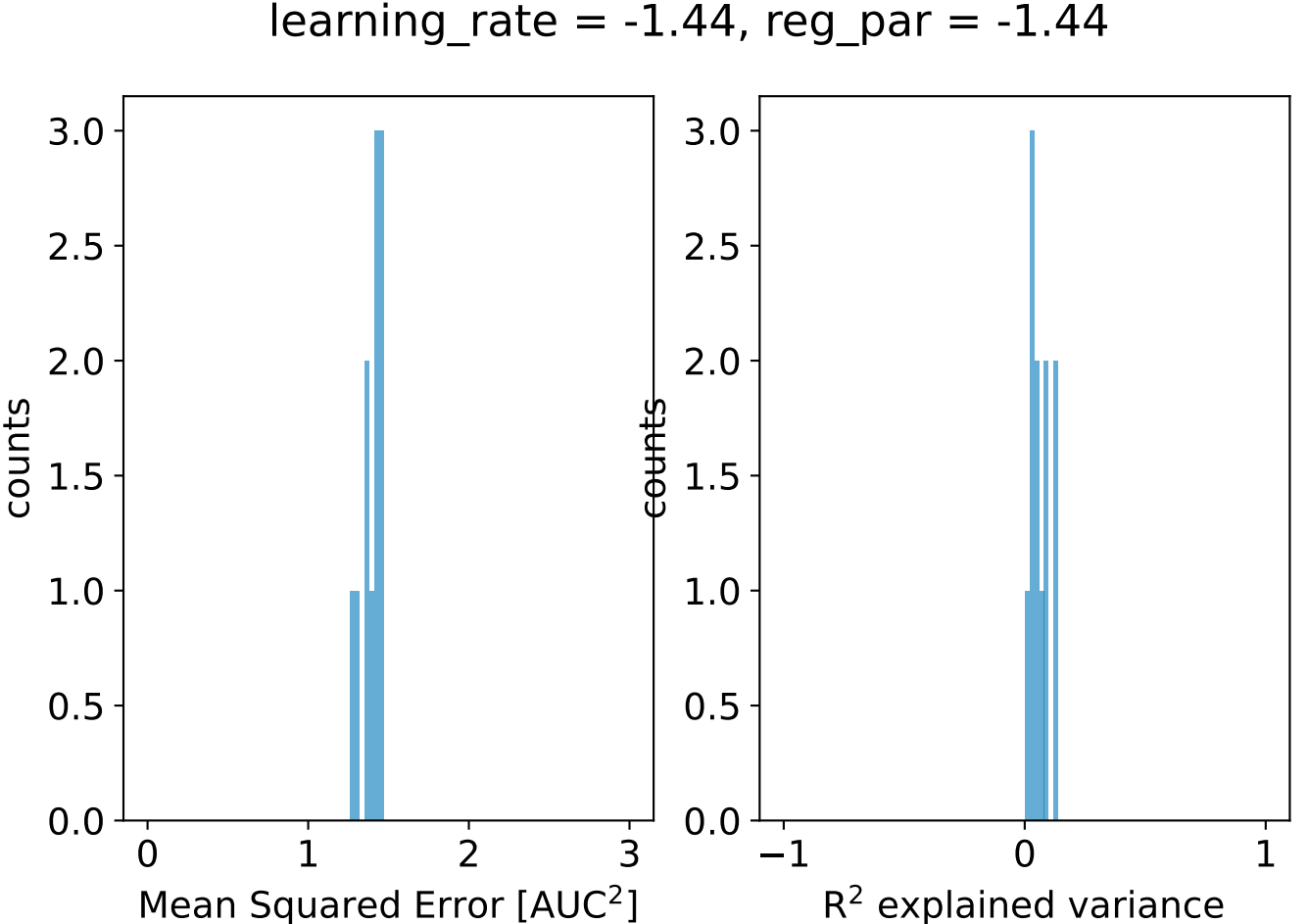

learning_rate = -3.67, reg_par = -3.67
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
2
3
Mean Squared Error [AUC^2]
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance

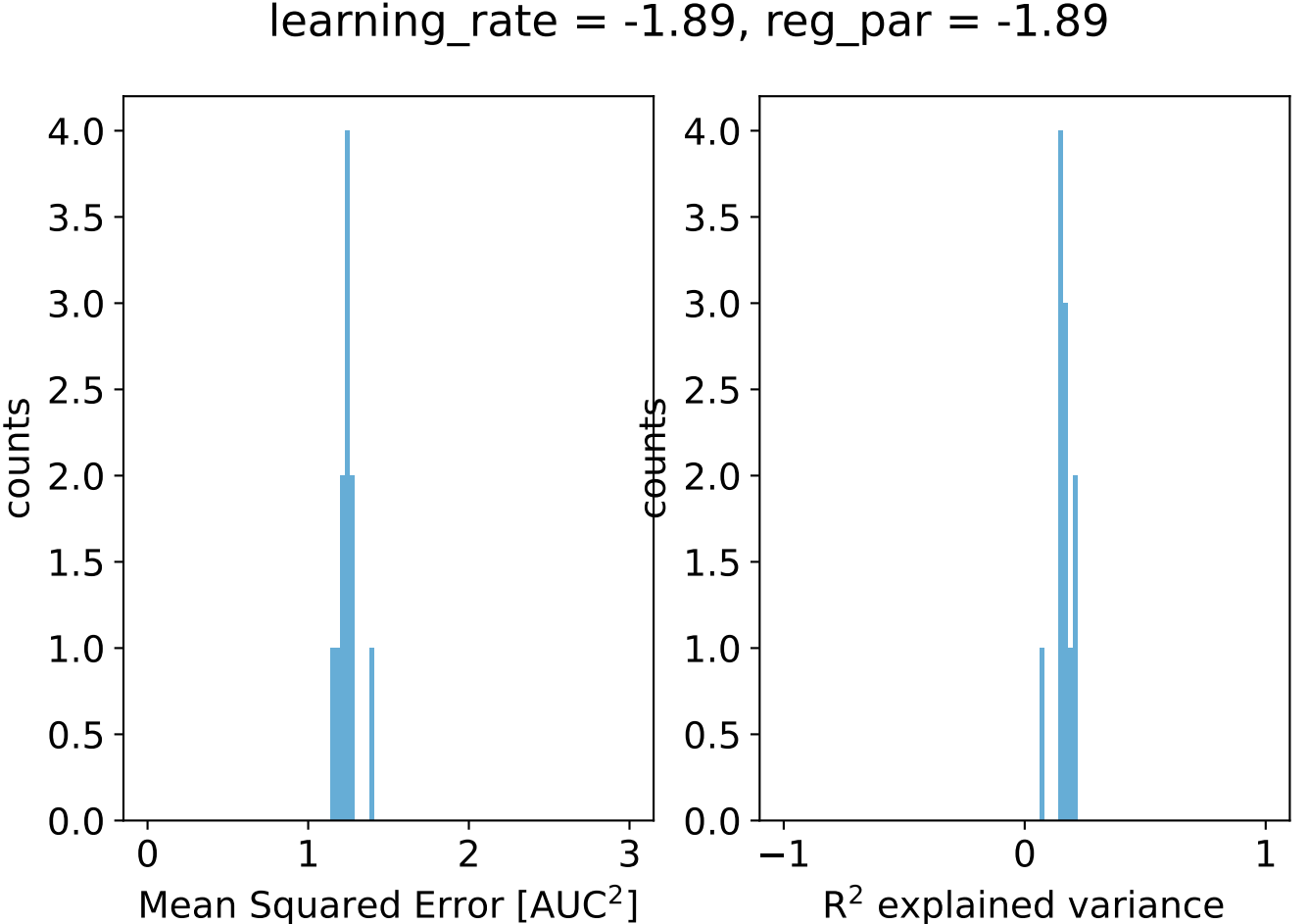

learning_rate = -4.11, reg_par = -4.11
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance

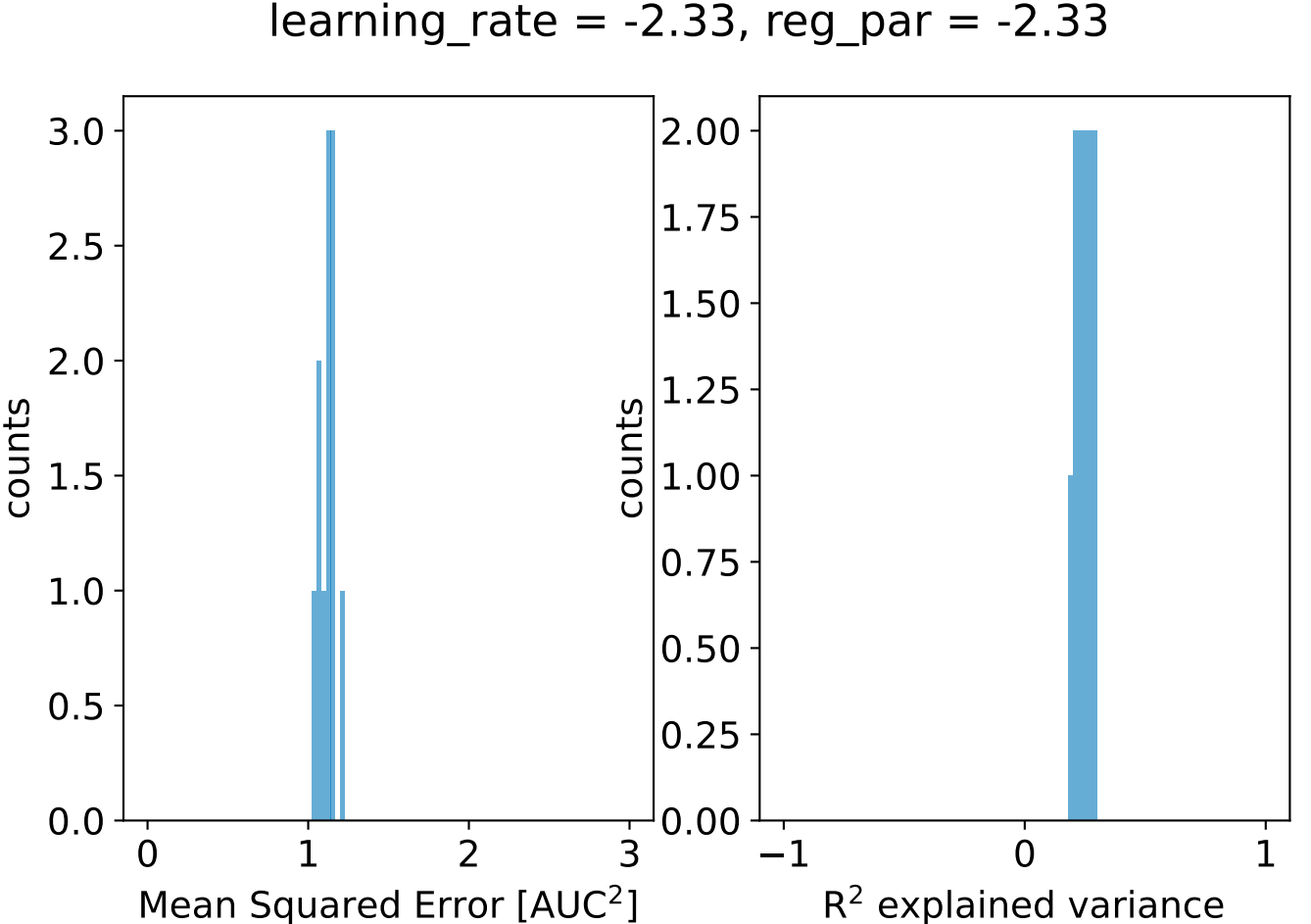

learning_rate = -4.56, reg_par = -4.56
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
2
3
Mean Squared Error [AUC^2]
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance

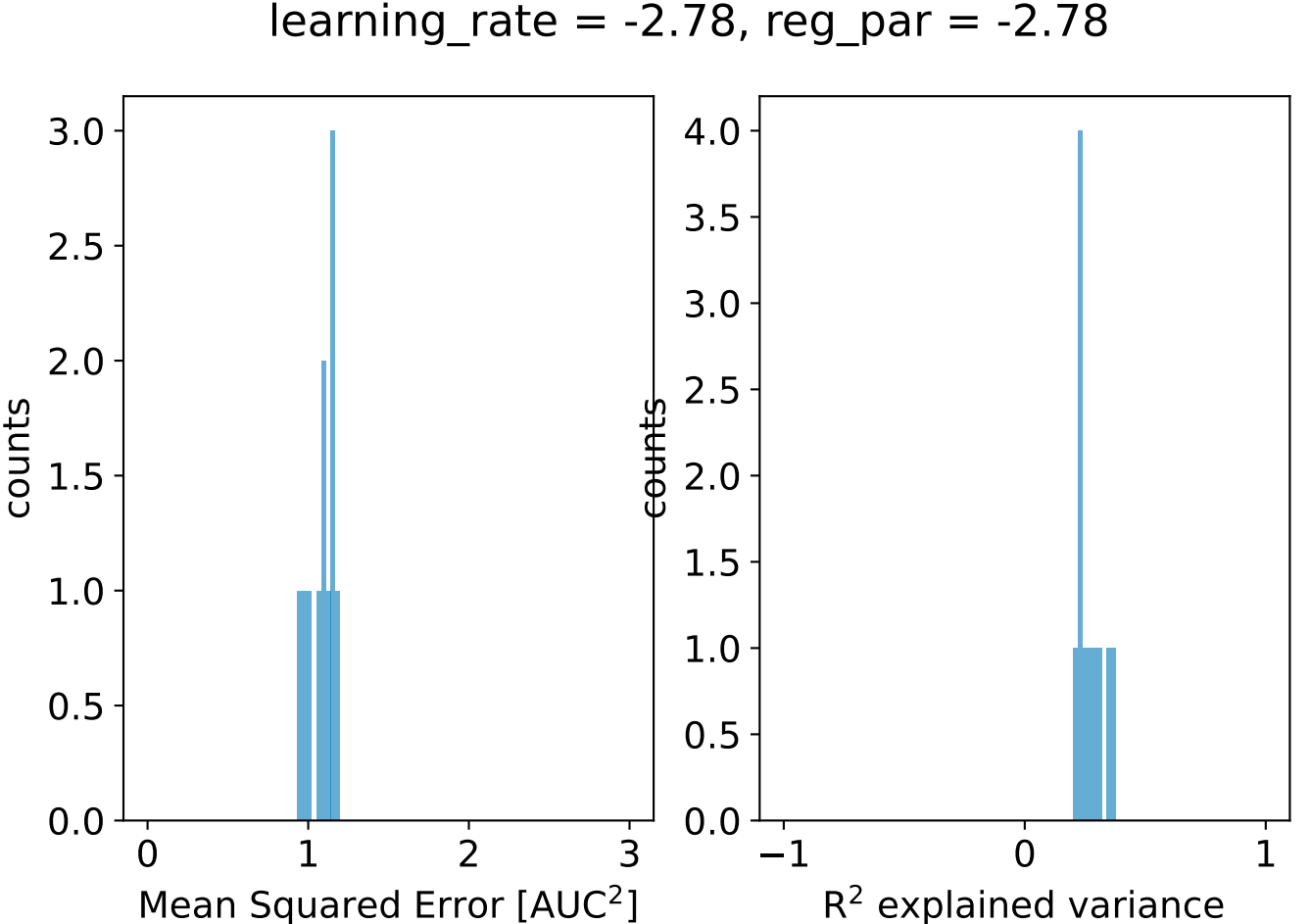

learning_rate = -5.00, reg_par = -5.00
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance

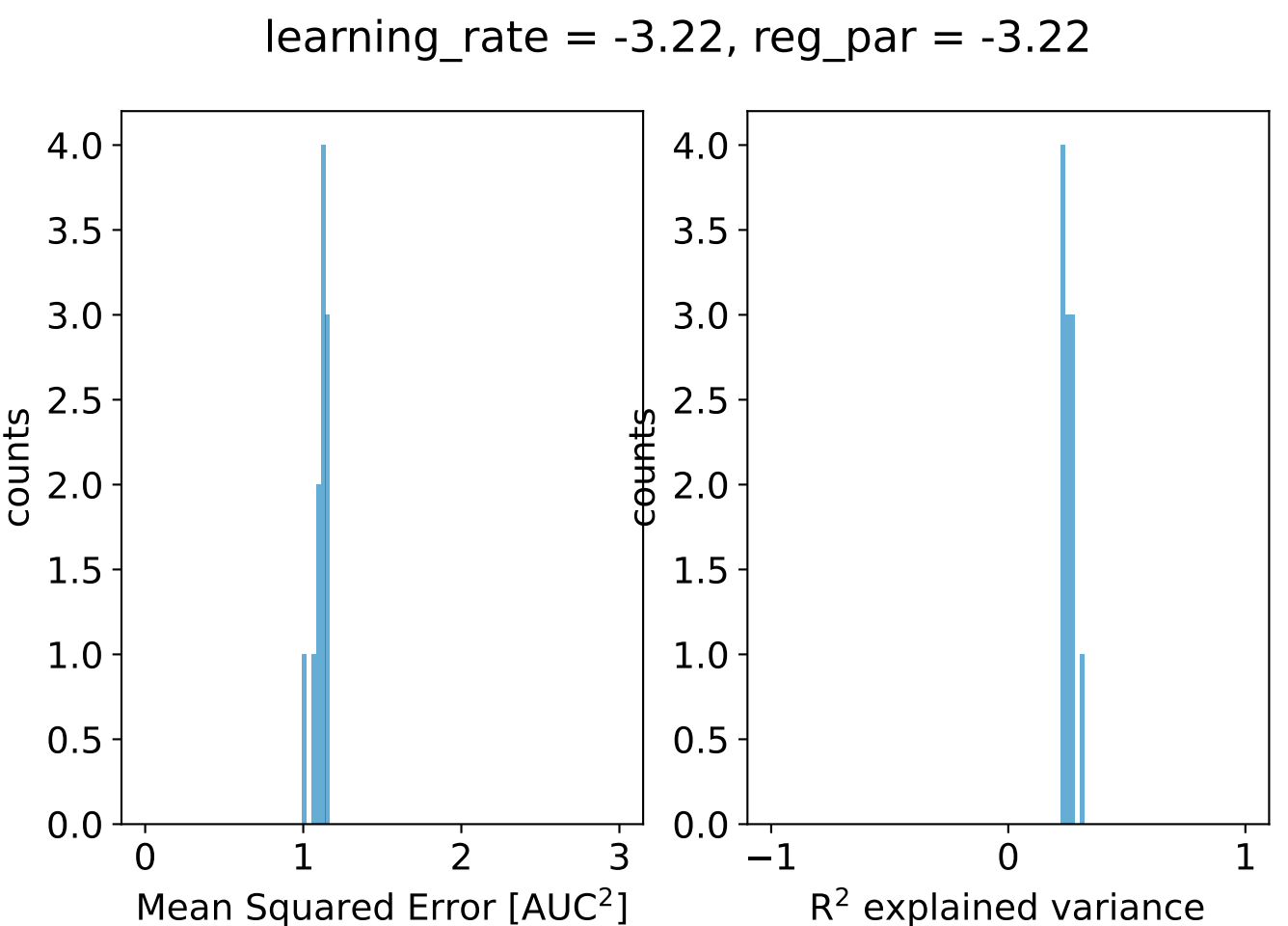

learning_rate = -1.00, reg_par = -1.00
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance

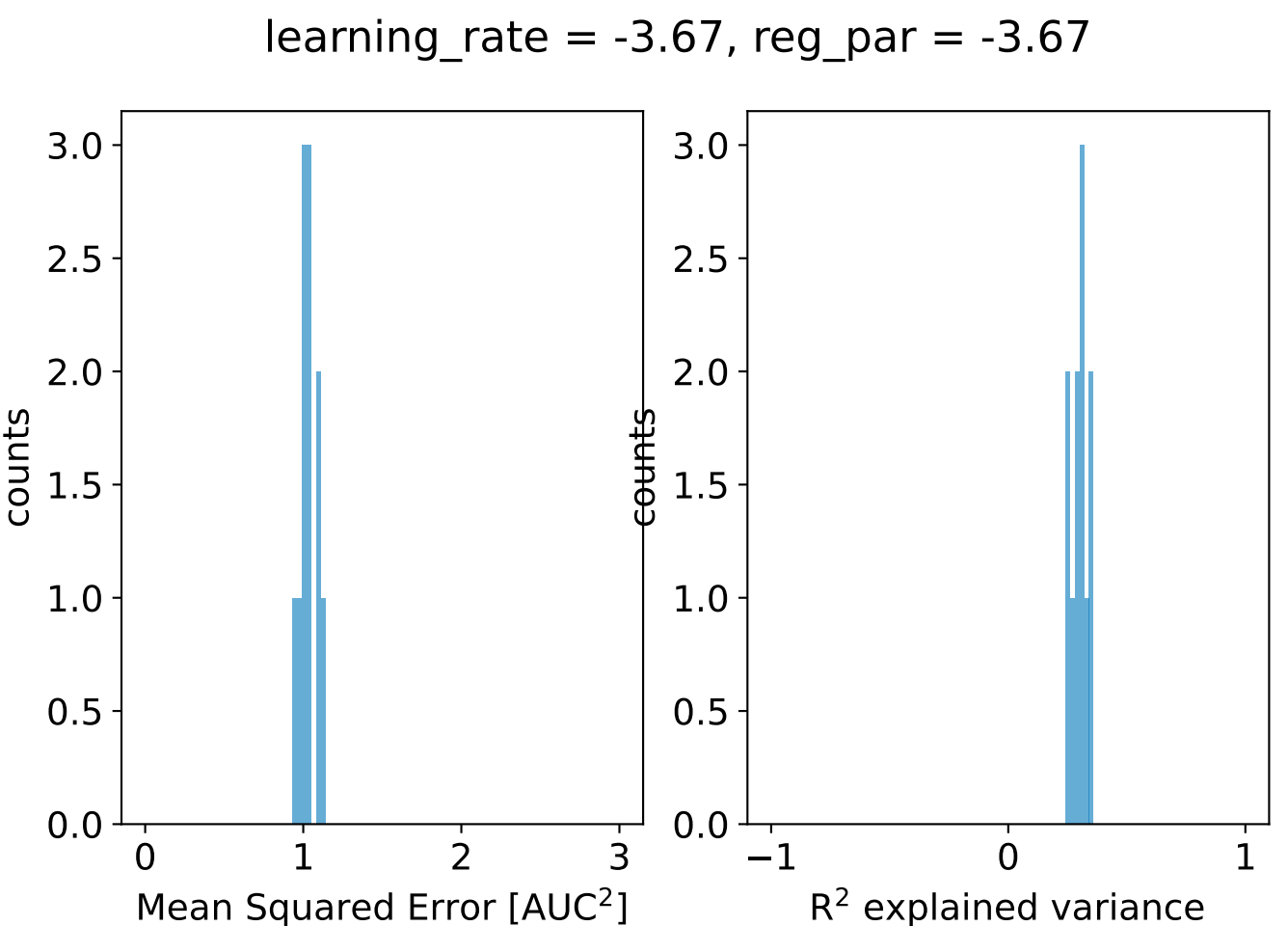

learning_rate = -1.44, reg_par = -1.44
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
2
3
Mean Squared Error [AUC^2]
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance

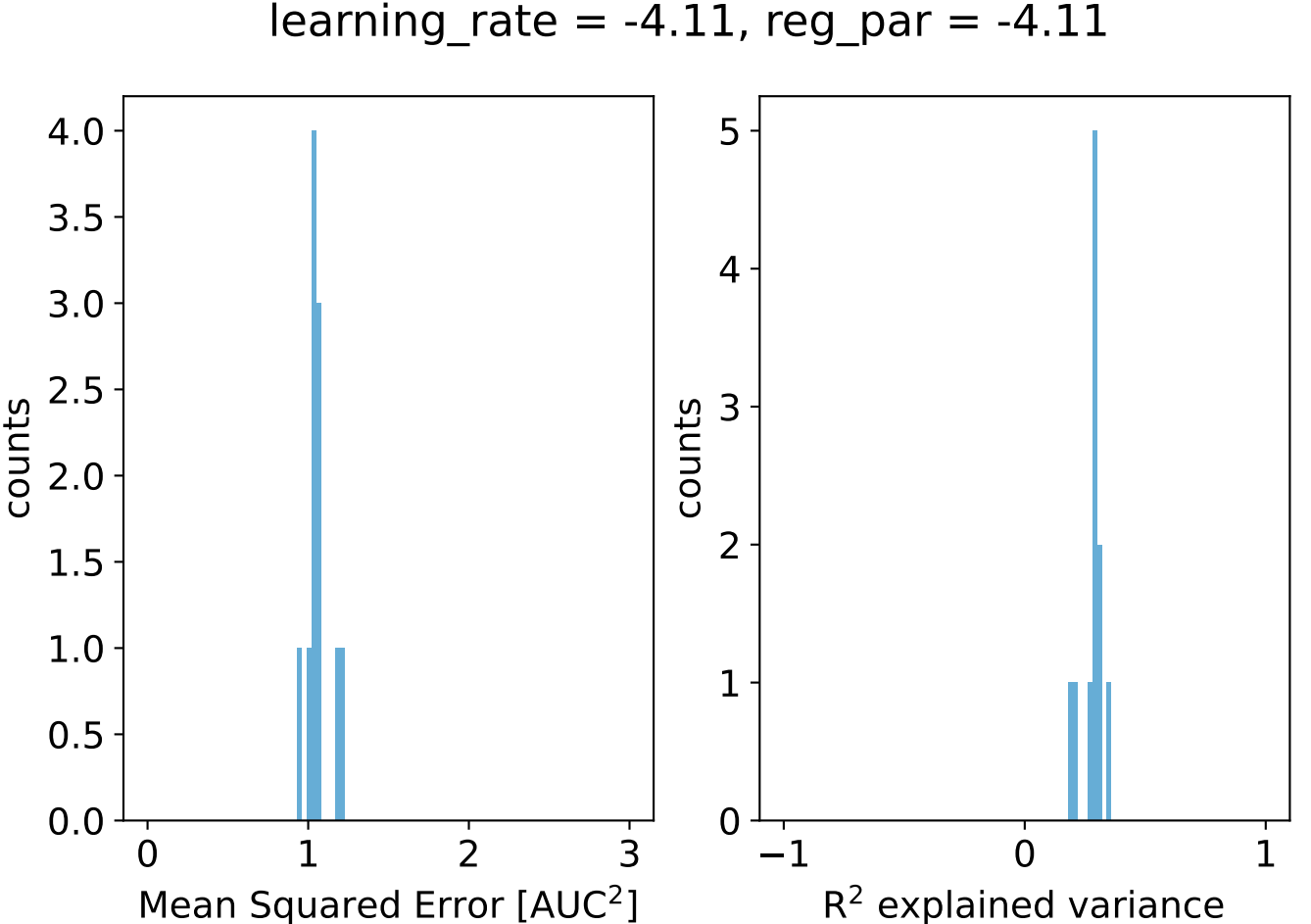

learning_rate = -1.89, reg_par = -1.89
counts
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
2
3
Mean Squared Error [AUC^2]
counts
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance

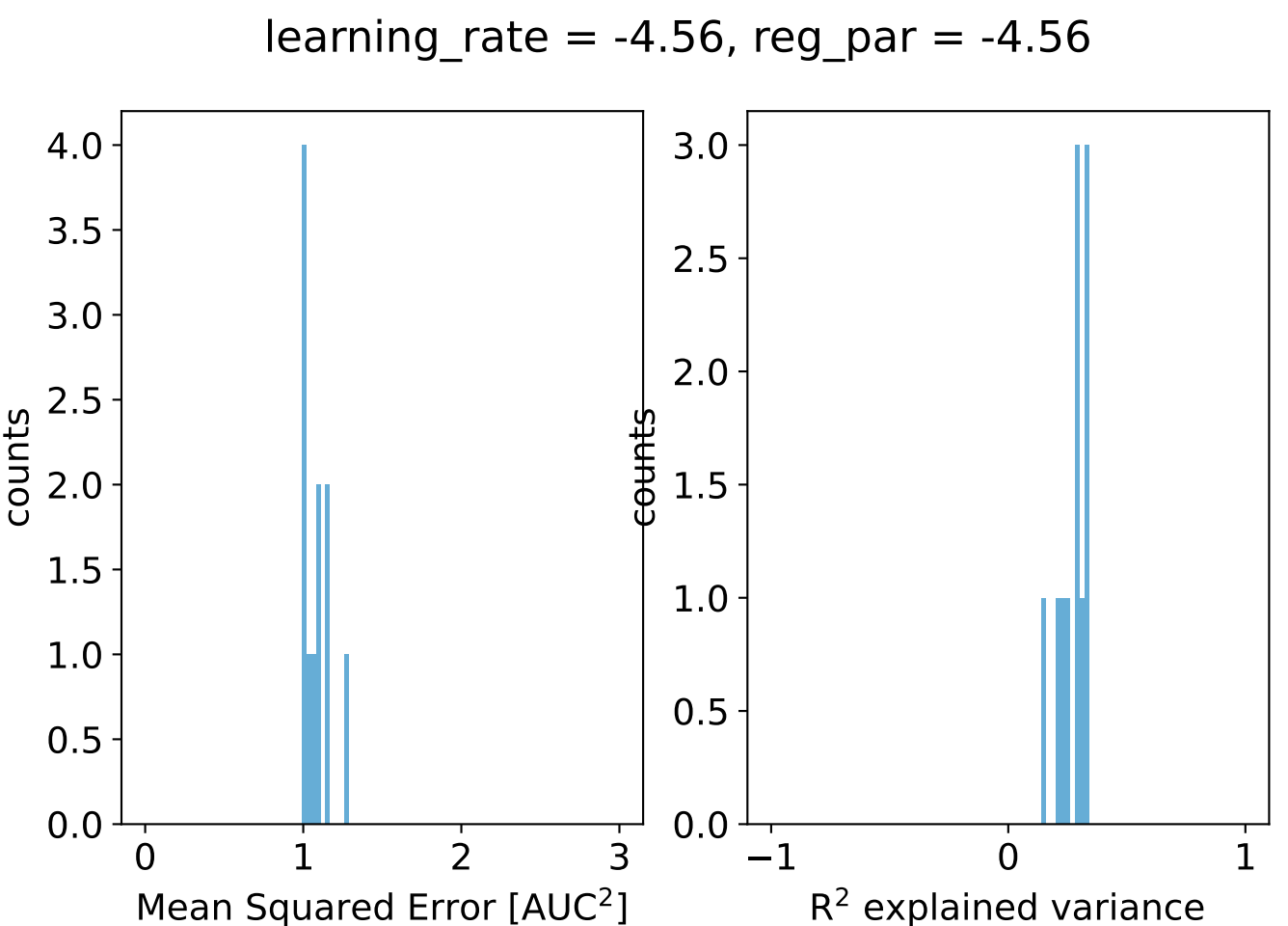

learning_rate = -2.33, reg_par = -2.33
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance

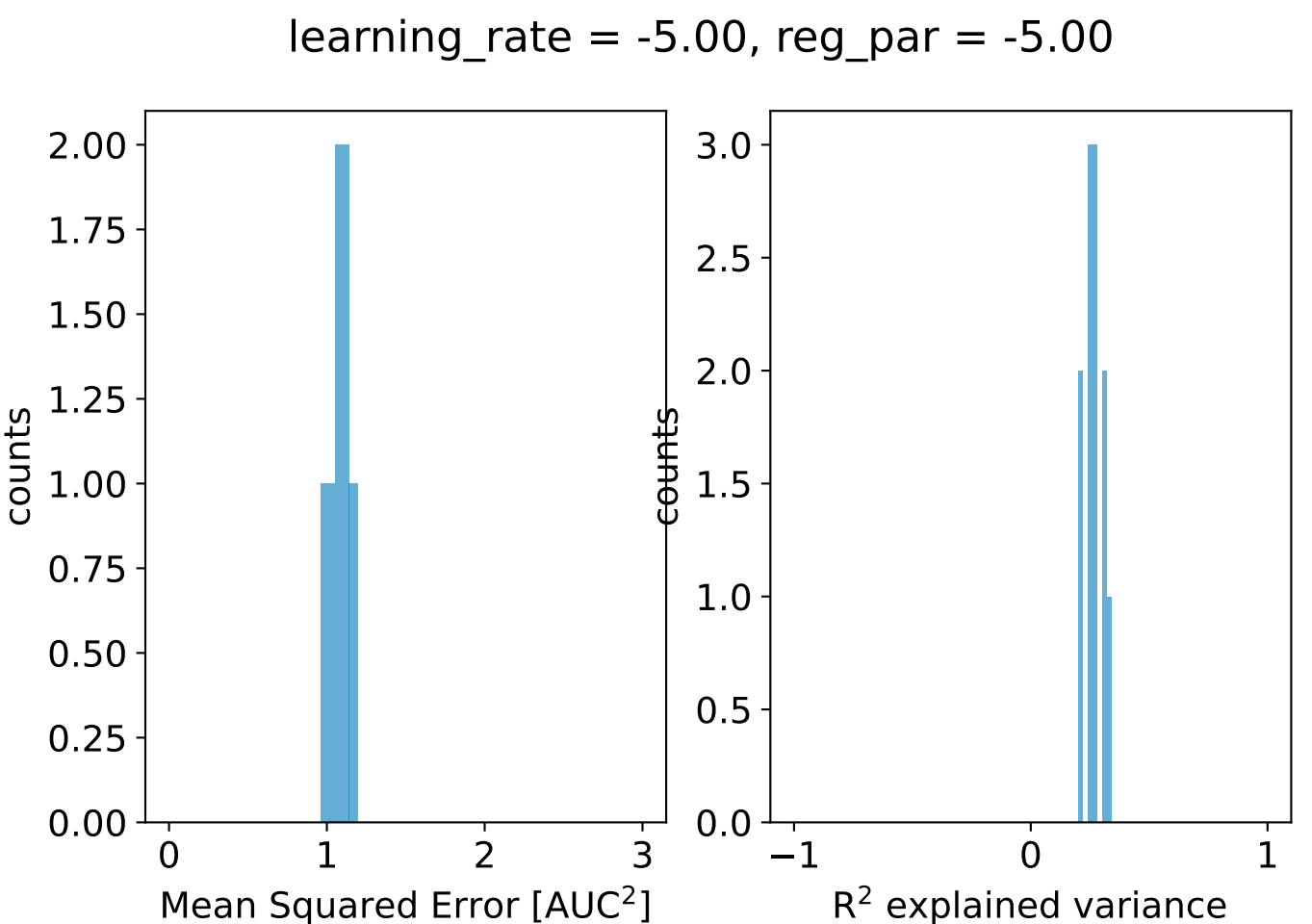

learning_rate = -2.78, reg_par = -2.78
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance

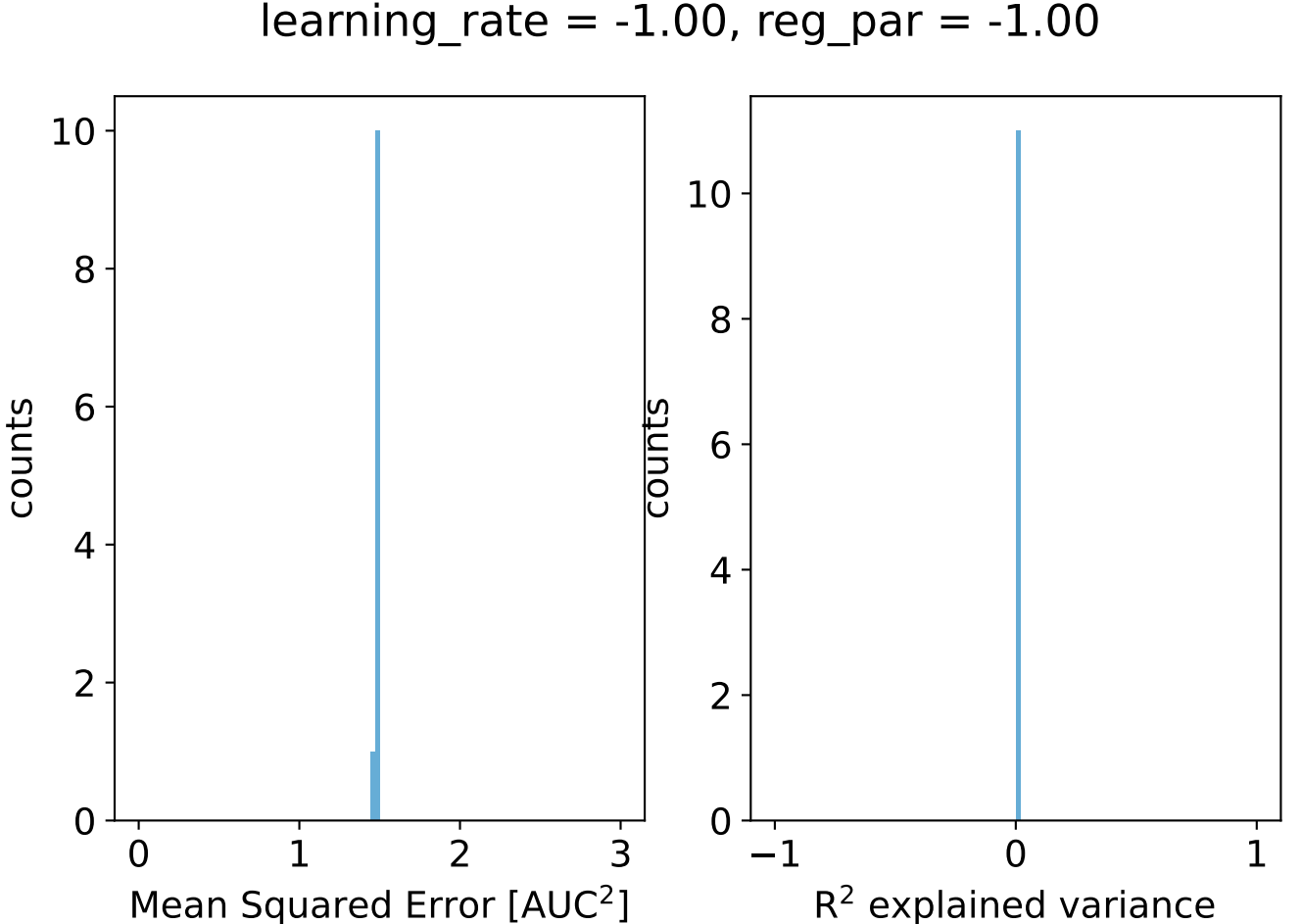

learning_rate = -3.22, reg_par = -3.22
counts
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
2
3
Mean Squared Error [AUC^2]
counts
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance

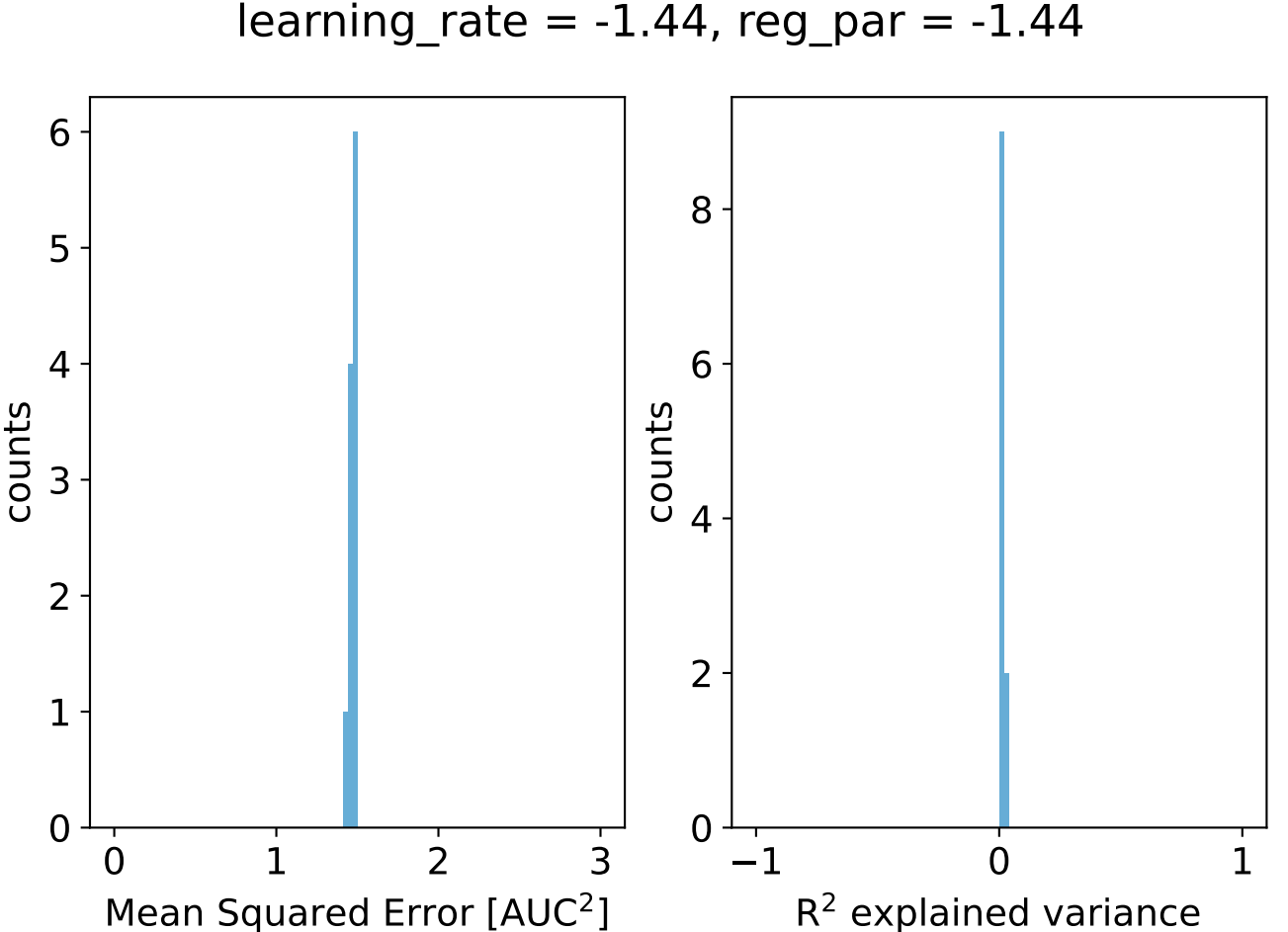

learning_rate = -3.67, reg_par = -3.67
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
2
3
Mean Squared Error [AUC^2]
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance

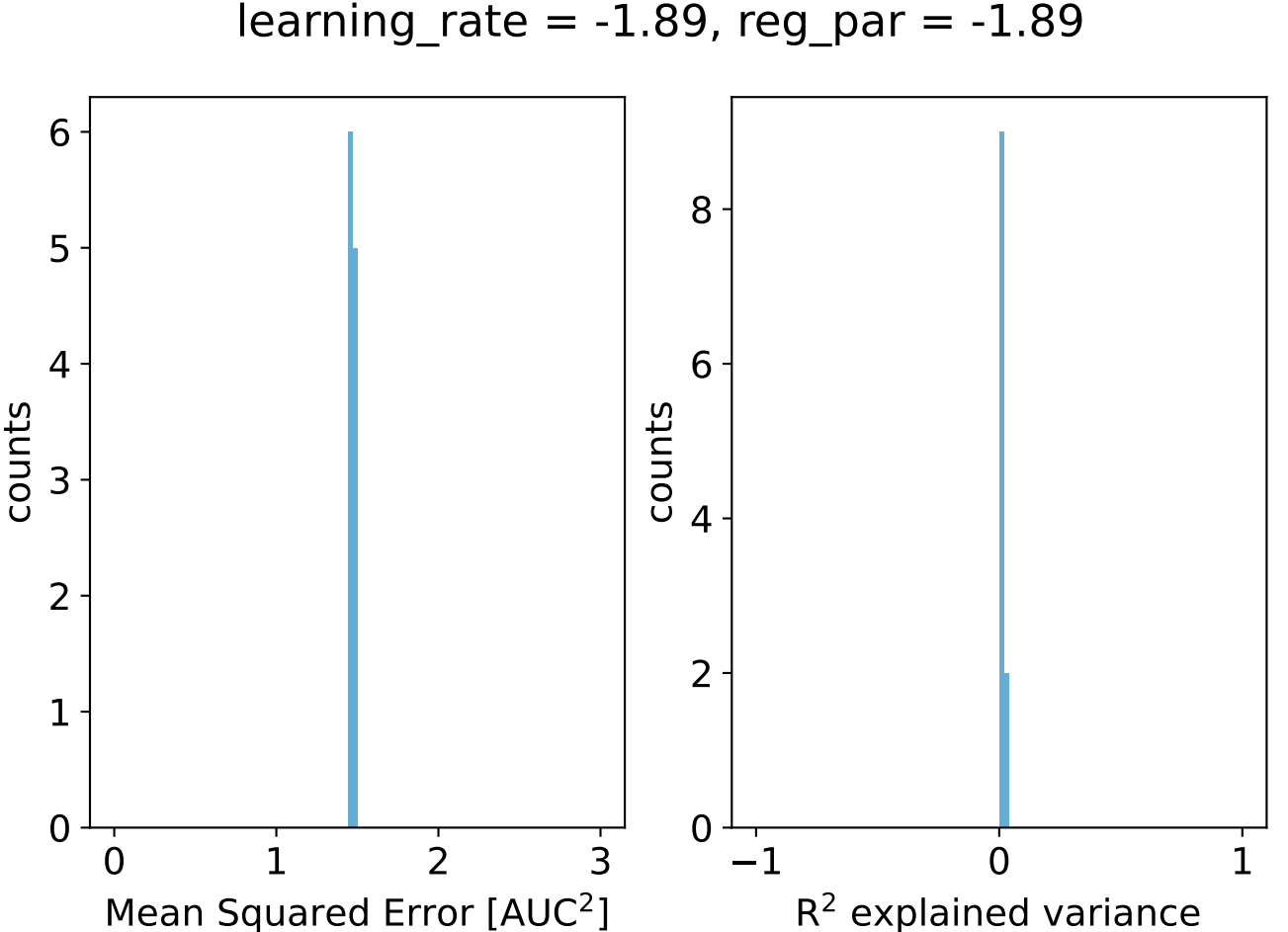

learning_rate = -4.11, reg_par = -4.11
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance

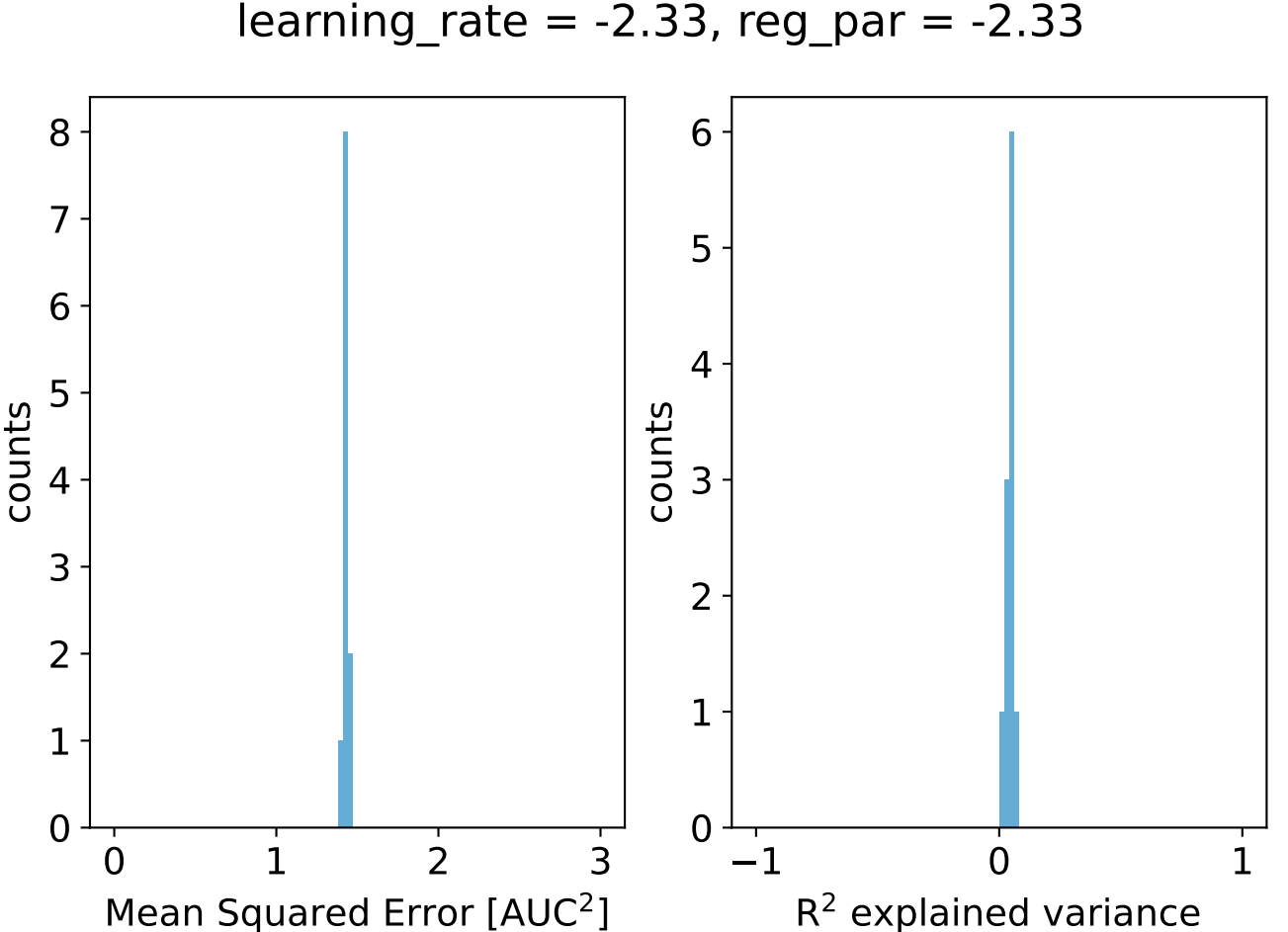

learning_rate = -4.56, reg_par = -4.56
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance

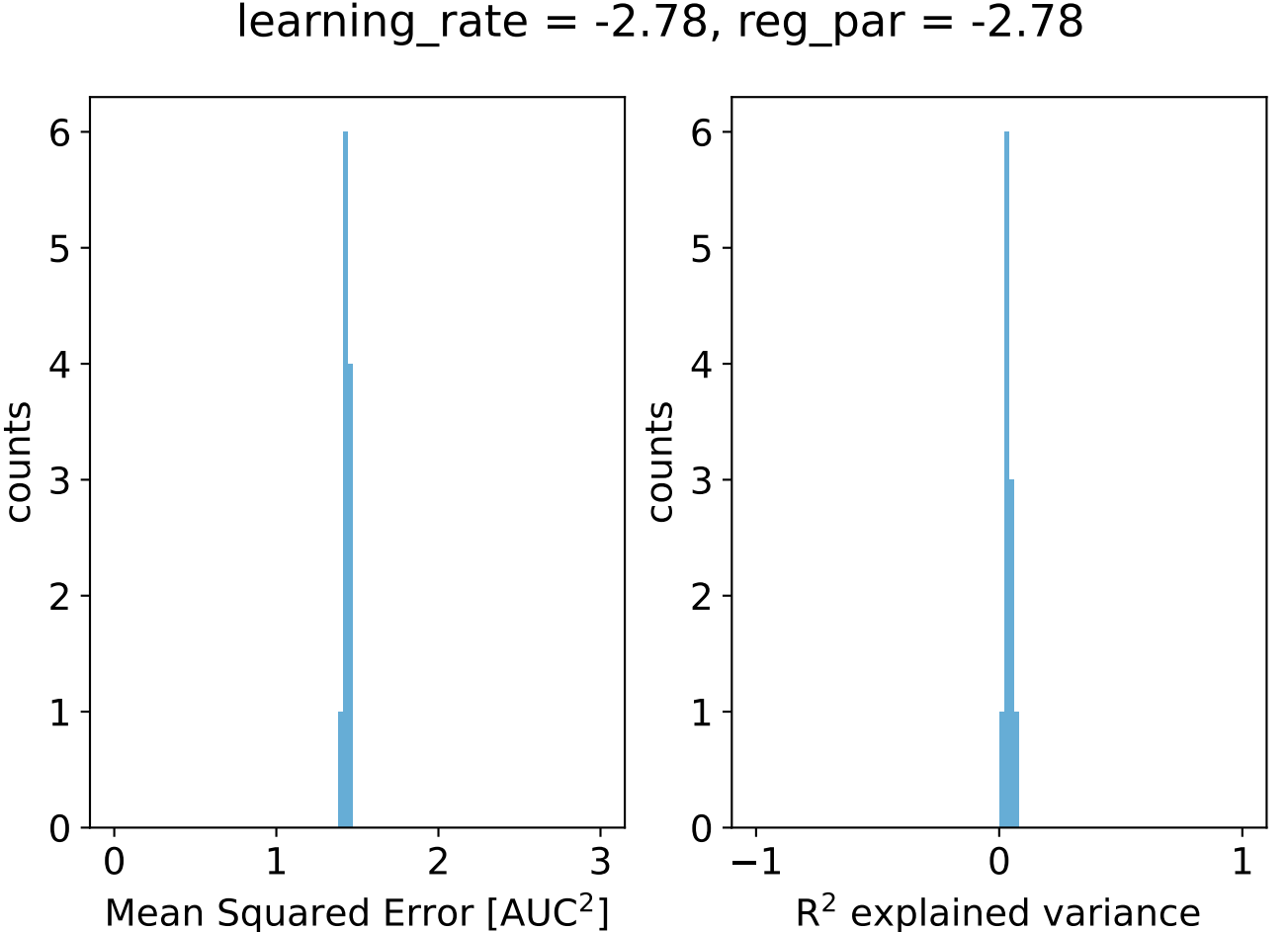

learning_rate = -5.00, reg_par = -5.00
counts
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
1
2
3
Mean Squared Error [AUC^2]
counts
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−1
0
1
R^2 explained variance

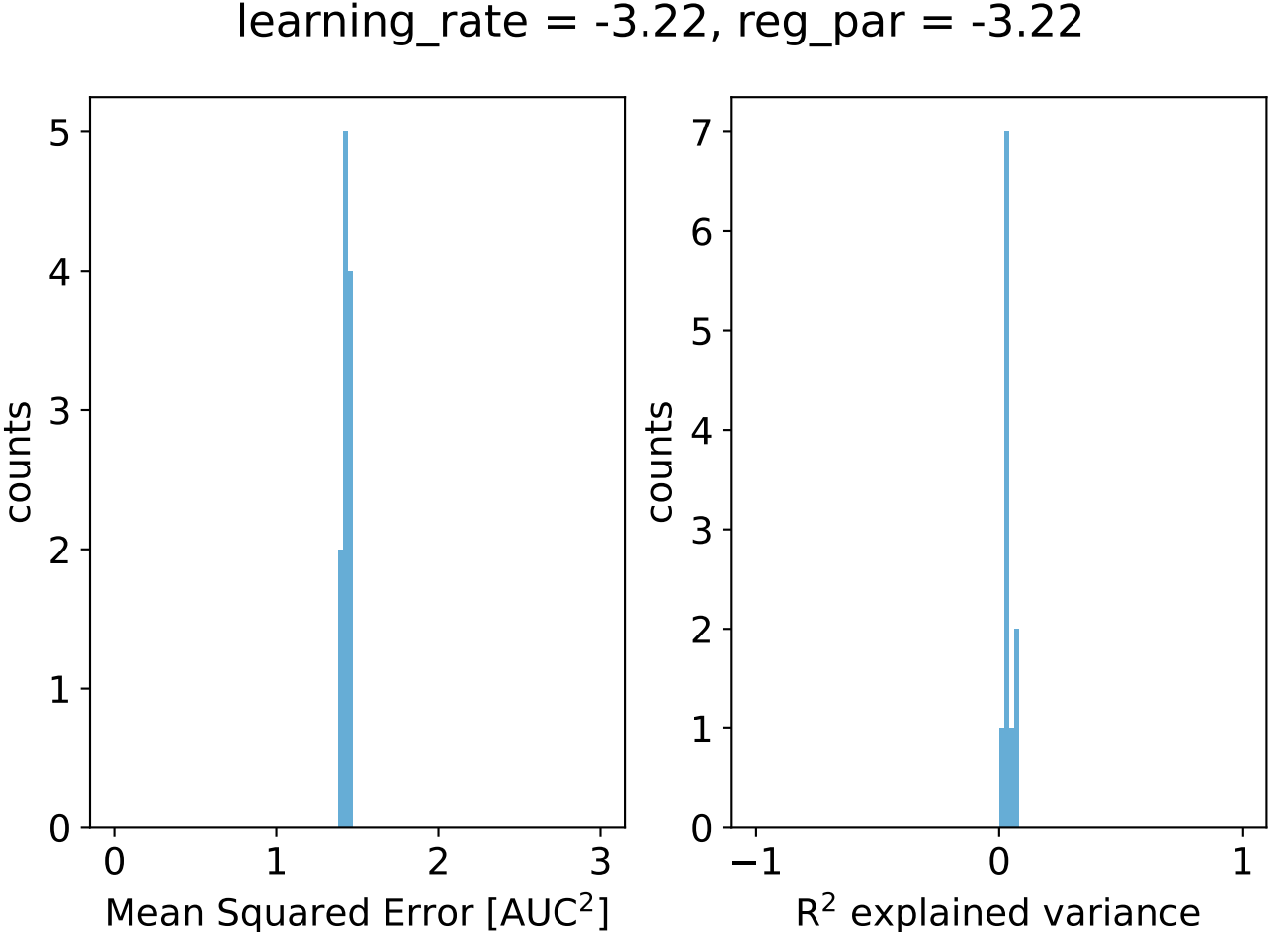

learning_rate = -1.00, reg_par = -1.00
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance

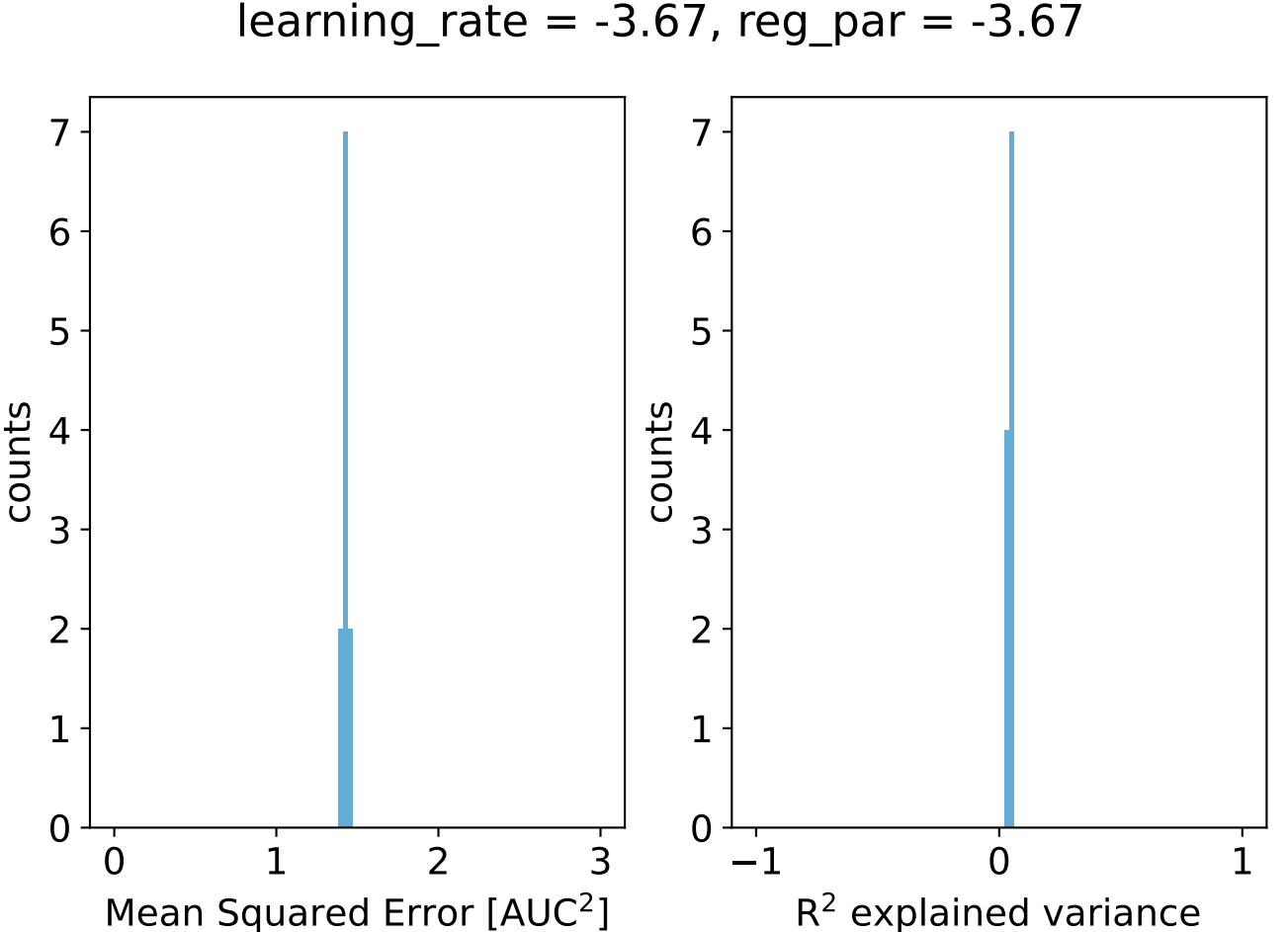

learning_rate = -1.44, reg_par = -1.44
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance

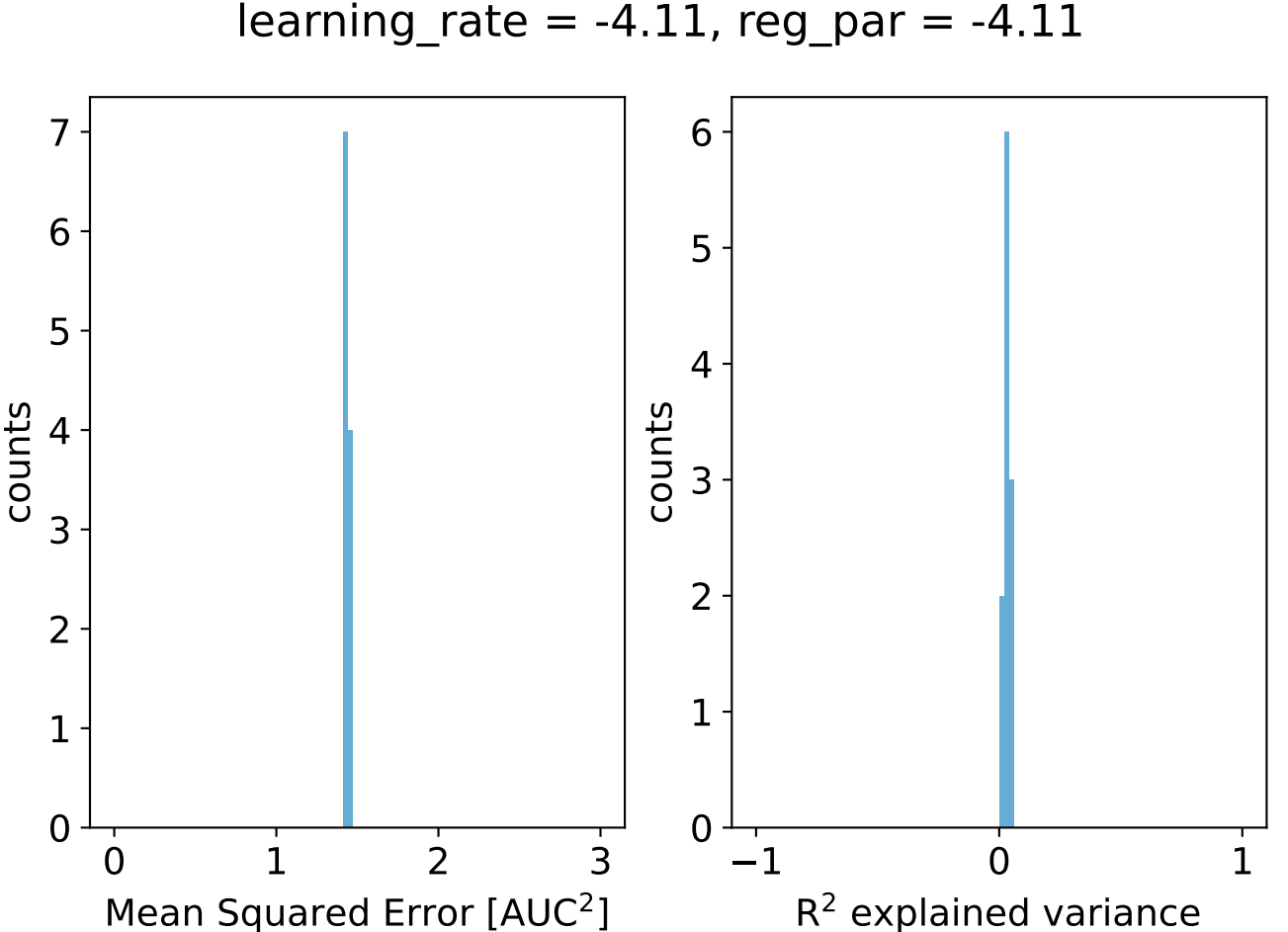

learning_rate = -1.89, reg_par = -1.89
counts
0
1
2
3
4
5
6
0
1
2
3
Mean Squared Error [AUC^2]
counts
0
2
4
6
8
−1
0
1
R^2 explained variance

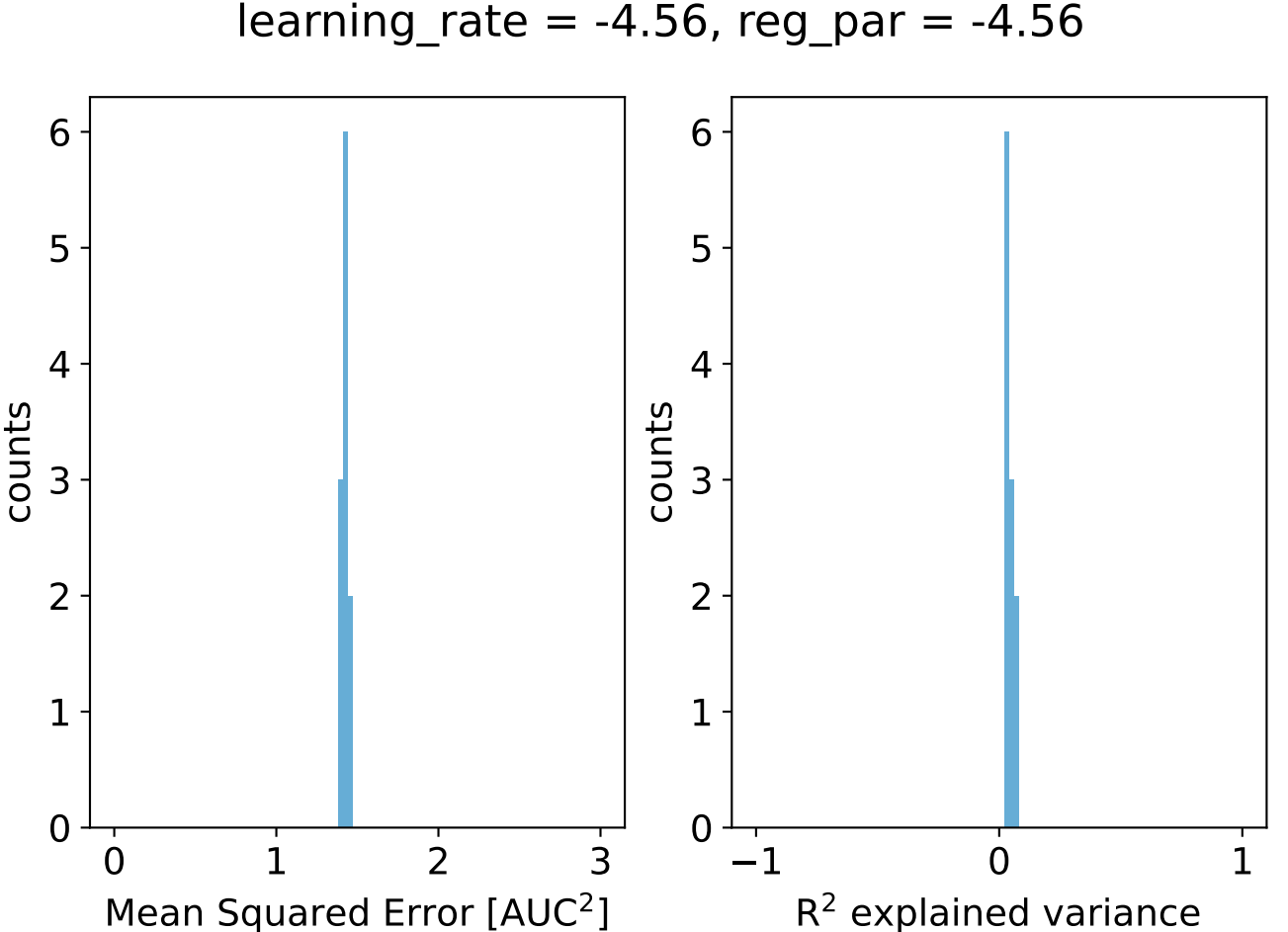

learning_rate = -2.33, reg_par = -2.33
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance

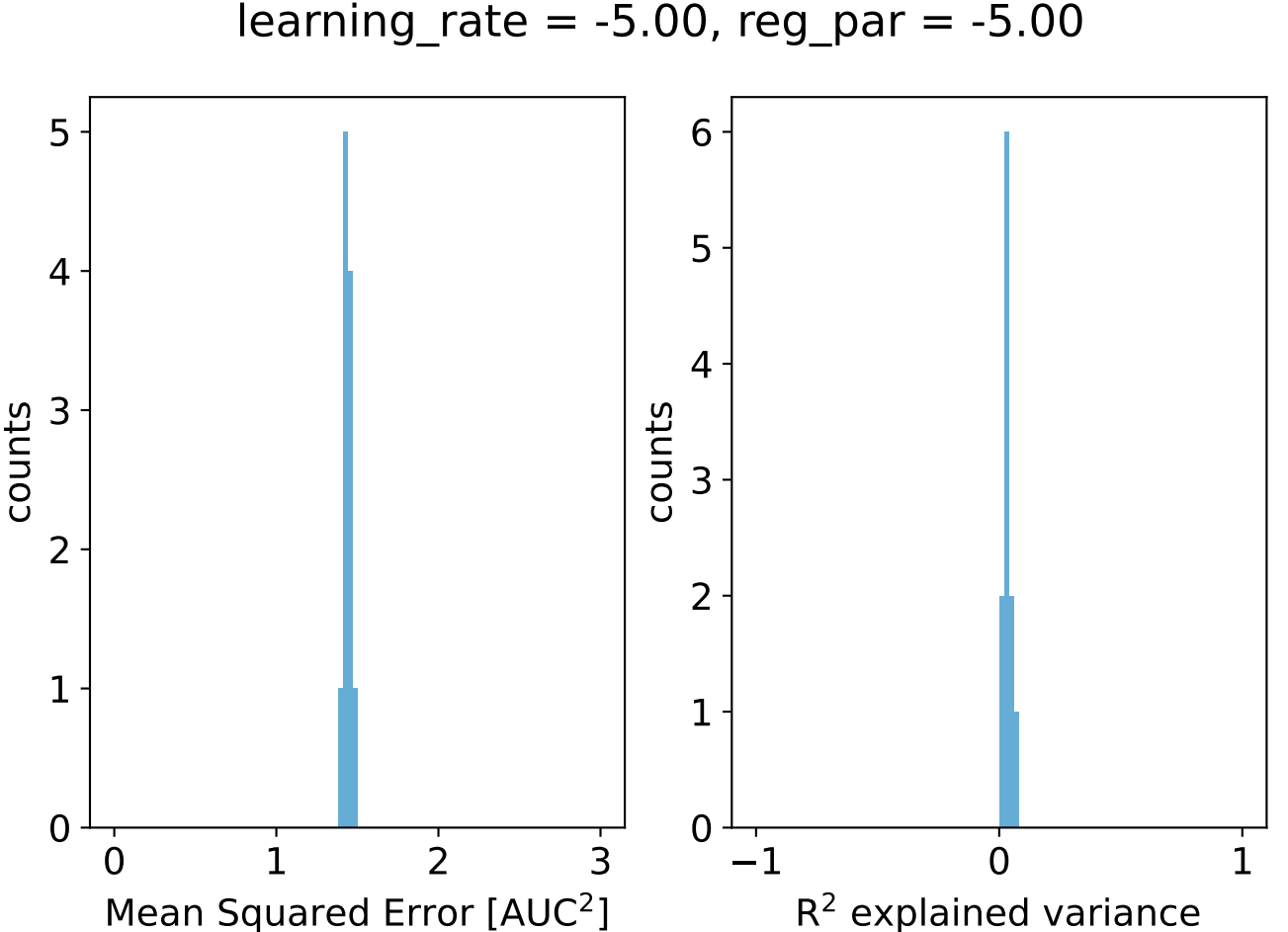

learning_rate = -2.78, reg_par = -2.78
counts
0
1
2
3
4
5
6
0
1
2
3
Mean Squared Error [AUC^2]
counts
0
1
2
3
4
5
6
−1
0
1
R^2 explained variance


learning_rate = -3.22, reg_par = -3.22
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance


learning_rate = -3.67, reg_par = -3.67
counts
0
1
2
3
4
5
6
7
0
1
2
3
Mean Squared Error [AUC^2]
counts
0
1
2
3
4
5
6
7
−1
0
1
R^2 explained variance


learning_rate = -4.11, reg_par = -4.11
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance


learning_rate = -4.56, reg_par = -4.56
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance


learning_rate = -5.00, reg_par = -5.00
counts
Mean Squared Error [AUC^2]
counts
R^2 explained variance