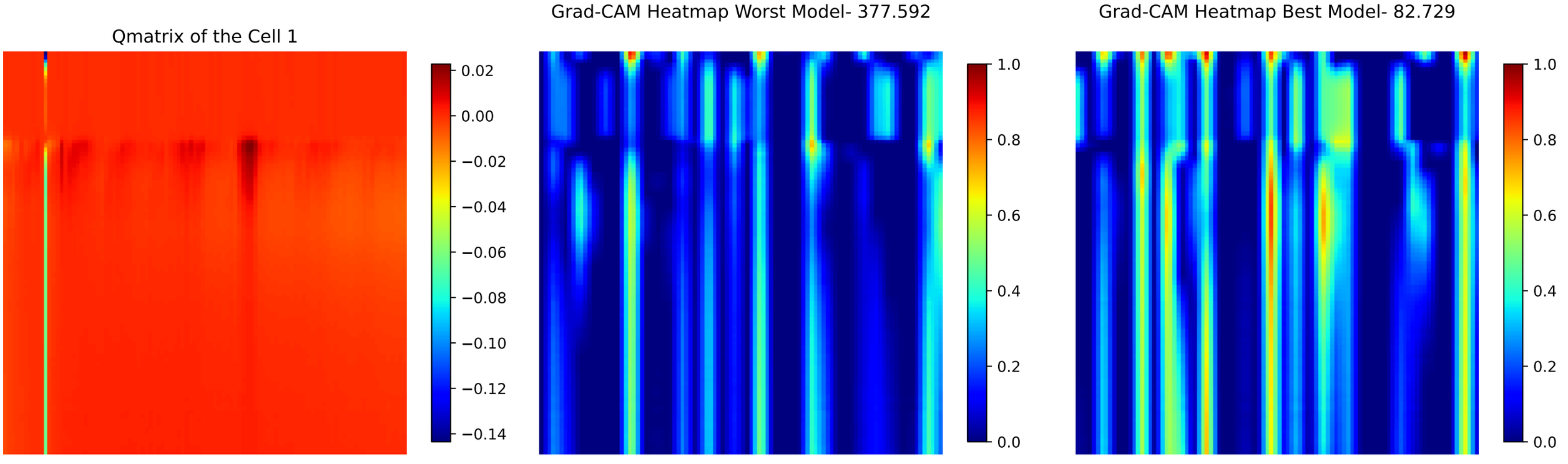
Qmatrix of the Cell 1
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−0.10
−0.12
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Grad-CAM Heatmap Worst Model- 377.592
1.0
0.8
0.6
0.4
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0.0
Grad-CAM Heatmap Best Model- 82.729
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0.2
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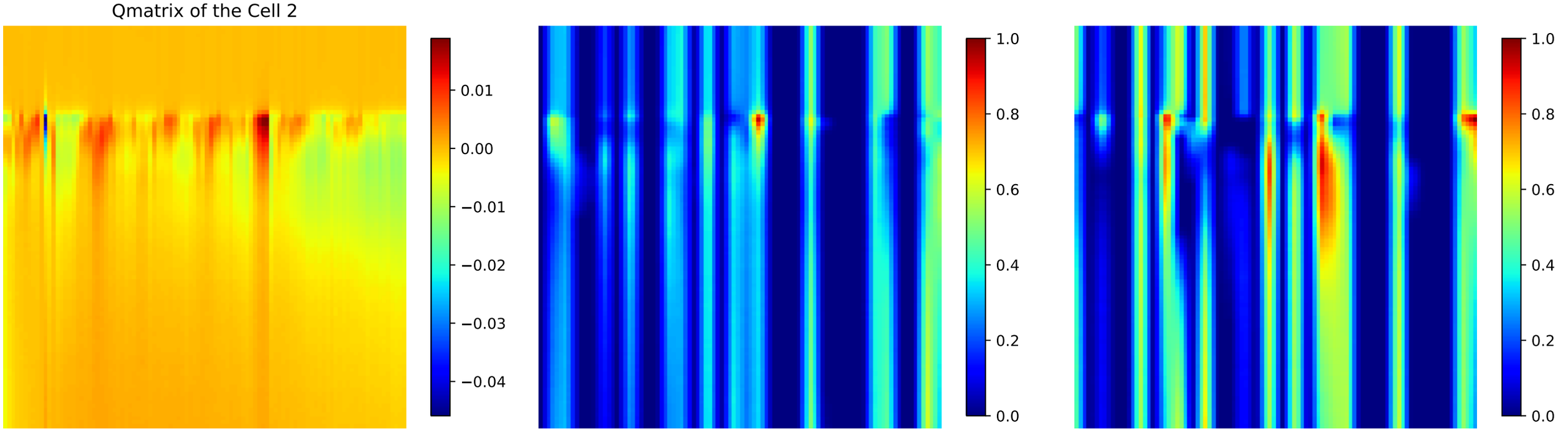
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Grad-CAM Heatmap Worst Model- 175.261
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0.8
0.6
0.4
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0.0
Grad-CAM Heatmap Best Model- 43.963
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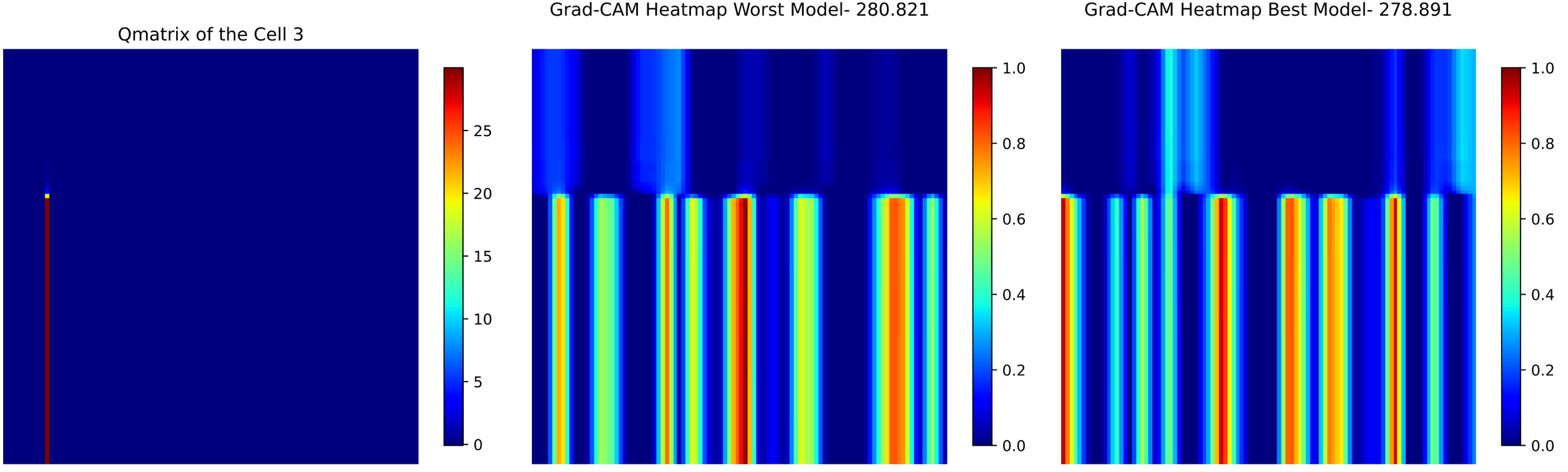
0.2
0.0


Qmatrix of the Cell 3
25
20
15
10
5
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Grad-CAM Heatmap Worst Model- 280.821
1.0
0.8
0.6
0.4
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0.0
Grad-CAM Heatmap Best Model- 278.891
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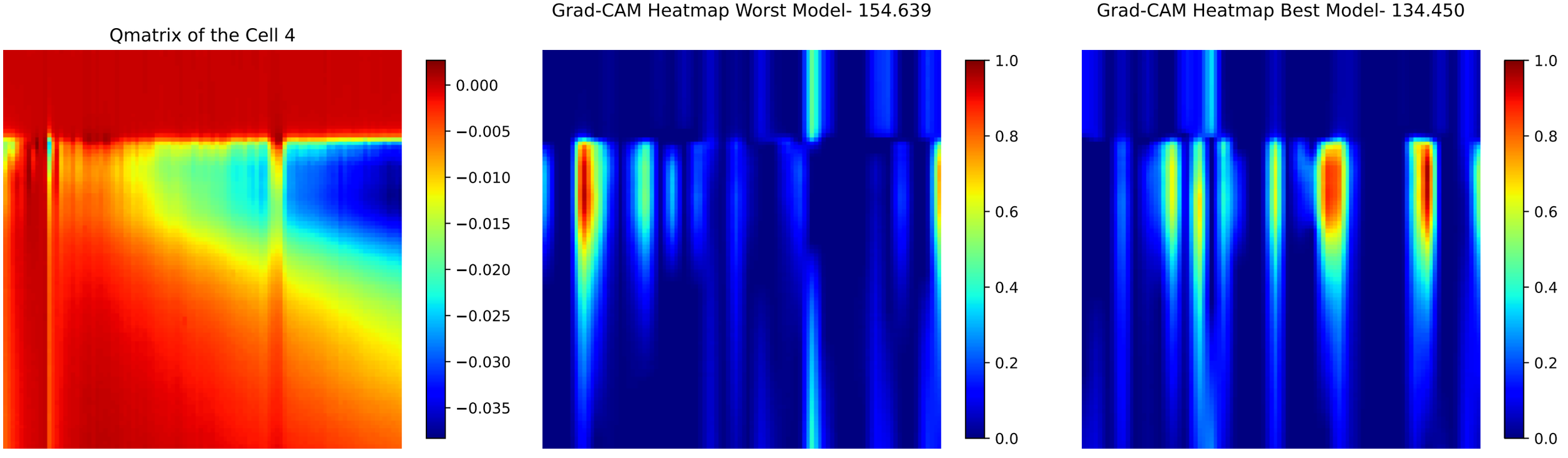
0.8
0.6
0.4
0.2
0.0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Grad-CAM Heatmap Worst Model- 154.639
1.0
0.8
0.6
0.4
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Grad-CAM Heatmap Best Model- 134.450
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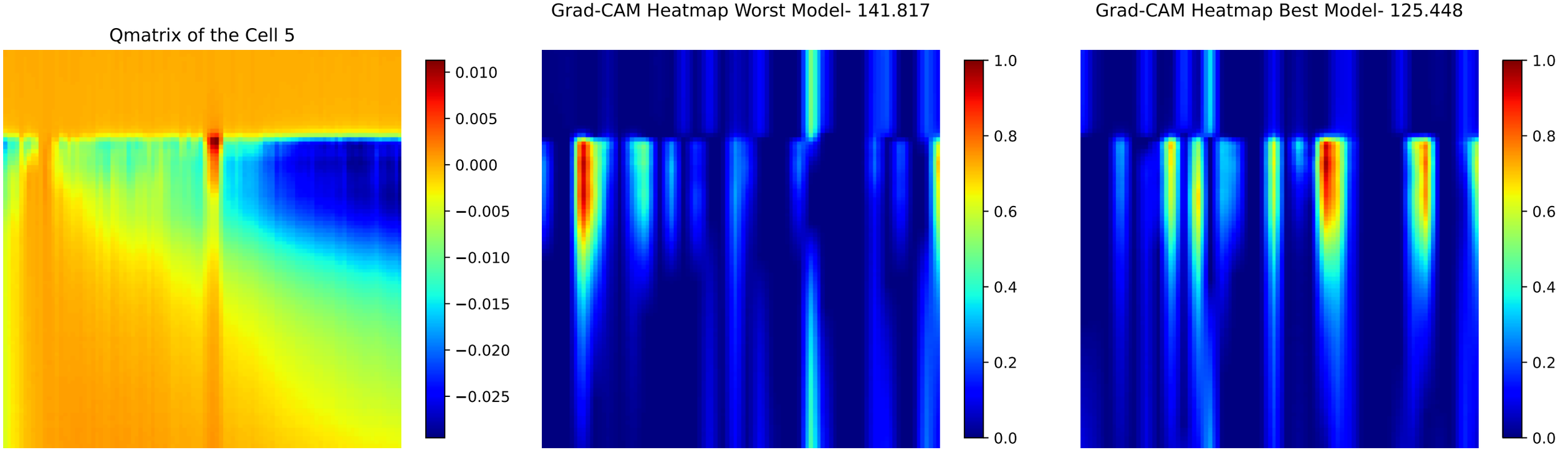
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Grad-CAM Heatmap Worst Model- 141.817
1.0
0.8
0.6
0.4
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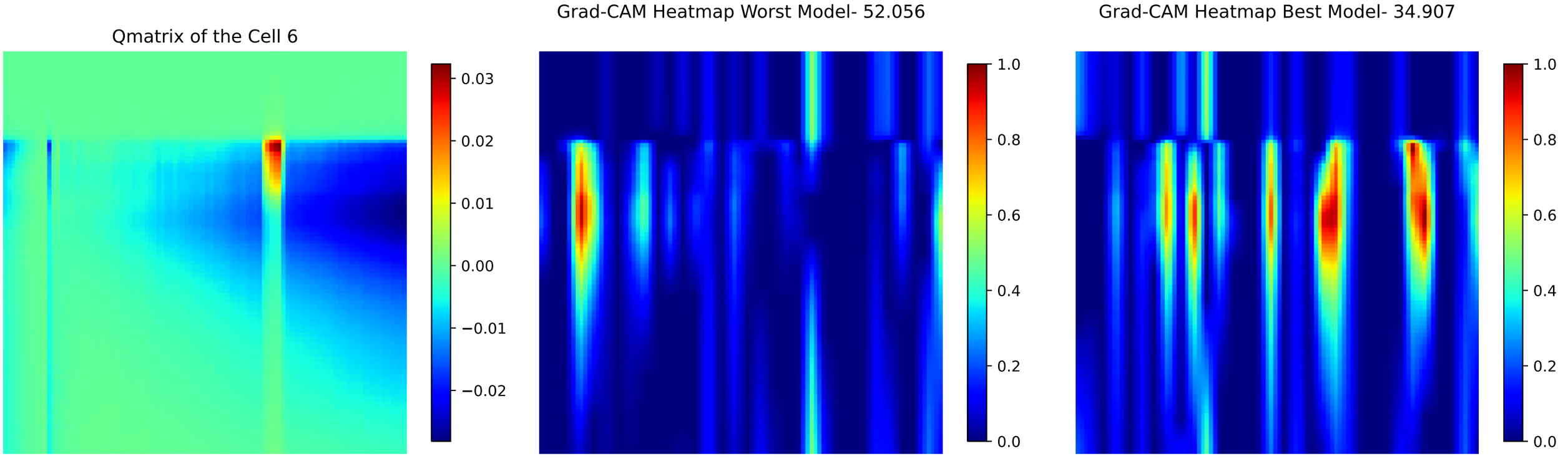
0.0
Grad-CAM Heatmap Best Model- 125.448
1.0
0.8
0.6
0.4
0.2
0.0


Qmatrix of the Cell 6
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Grad-CAM Heatmap Worst Model- 52.056
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0.8
0.6
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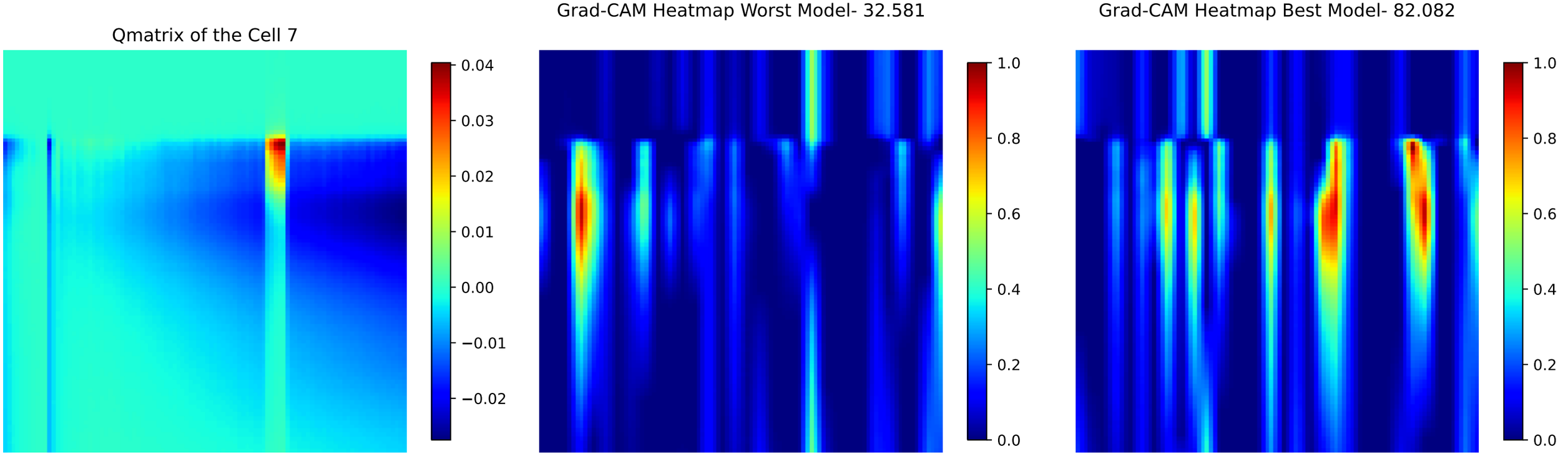
0.0
Grad-CAM Heatmap Best Model- 34.907
1.0
0.8
0.6
0.4
0.2
0.0


Qmatrix of the Cell 7
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0.00
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−0.02
Grad-CAM Heatmap Worst Model- 32.581
1.0
0.8
0.6
0.4
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0.0
Grad-CAM Heatmap Best Model- 82.082
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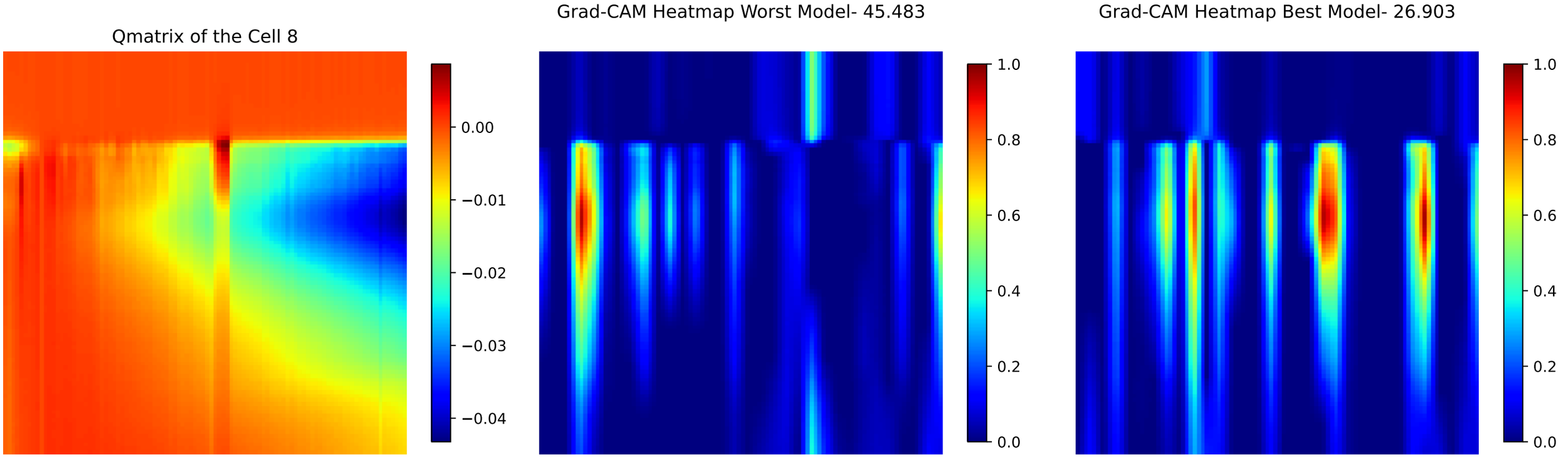
0.8
0.6
0.4
0.2
0.0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Grad-CAM Heatmap Worst Model- 45.483
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0.6
0.4
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0.0
Grad-CAM Heatmap Best Model- 26.903
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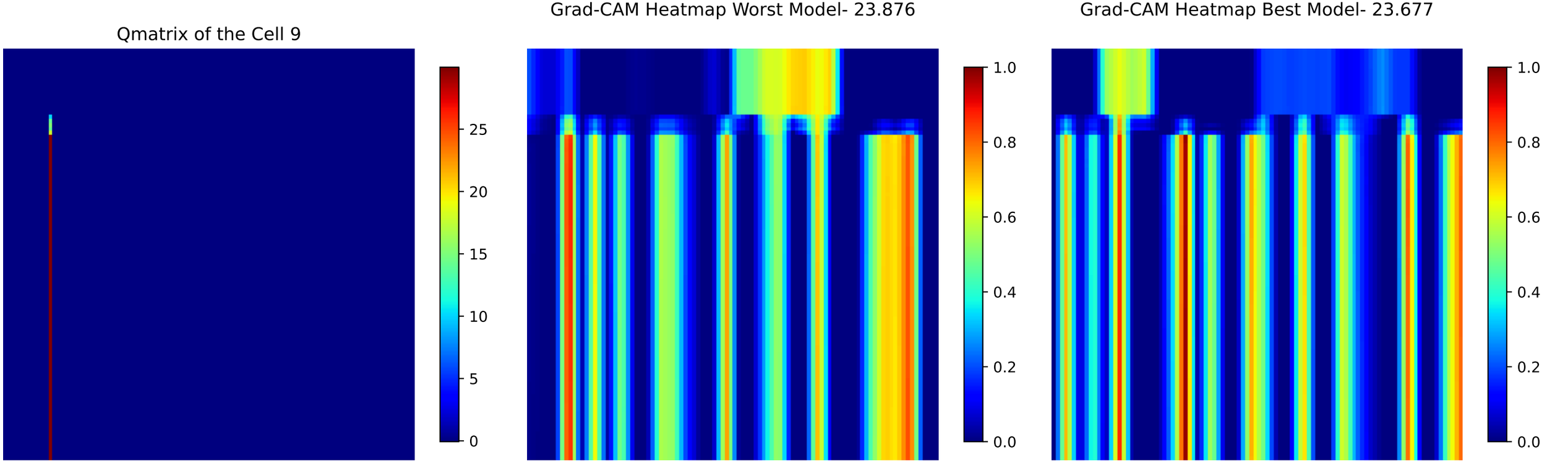
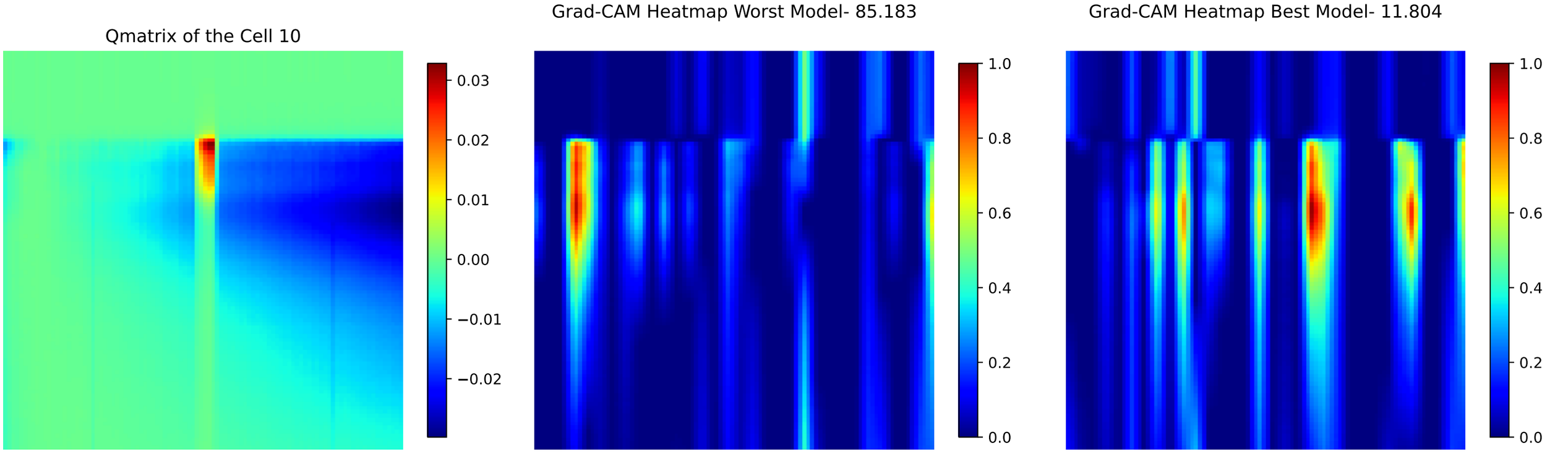
0.8
0.6
0.4
0.2
0.0


Qmatrix of the Cell 9
25
20
15
10
5
0
Grad-CAM Heatmap Worst Model- 23.876
1.0
0.8
0.6
0.4
0.2
0.0
Grad-CAM Heatmap Best Model- 23.677
1.0
0.8
0.6
0.4
0.2
0.0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0.00
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Grad-CAM Heatmap Worst Model- 85.183
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0.8
0.6
0.4
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0.0
Grad-CAM Heatmap Best Model- 11.804
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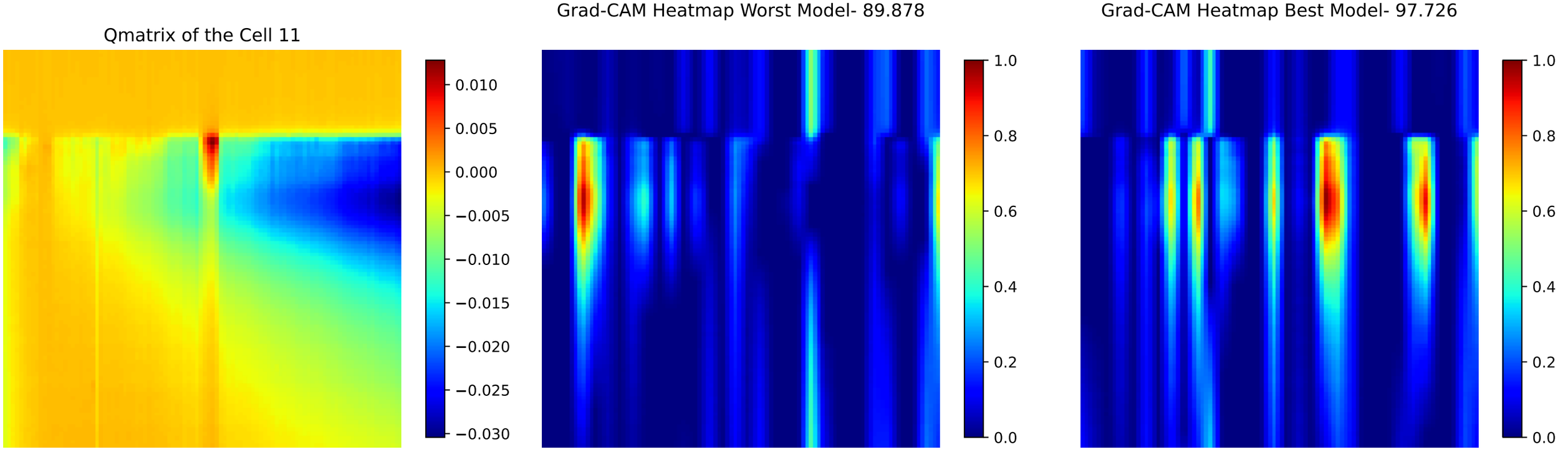
0.8
0.6
0.4
0.2
0.0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Grad-CAM Heatmap Worst Model- 89.878
1.0
0.8
0.6
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0.0
Grad-CAM Heatmap Best Model- 97.726
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0.6
0.4
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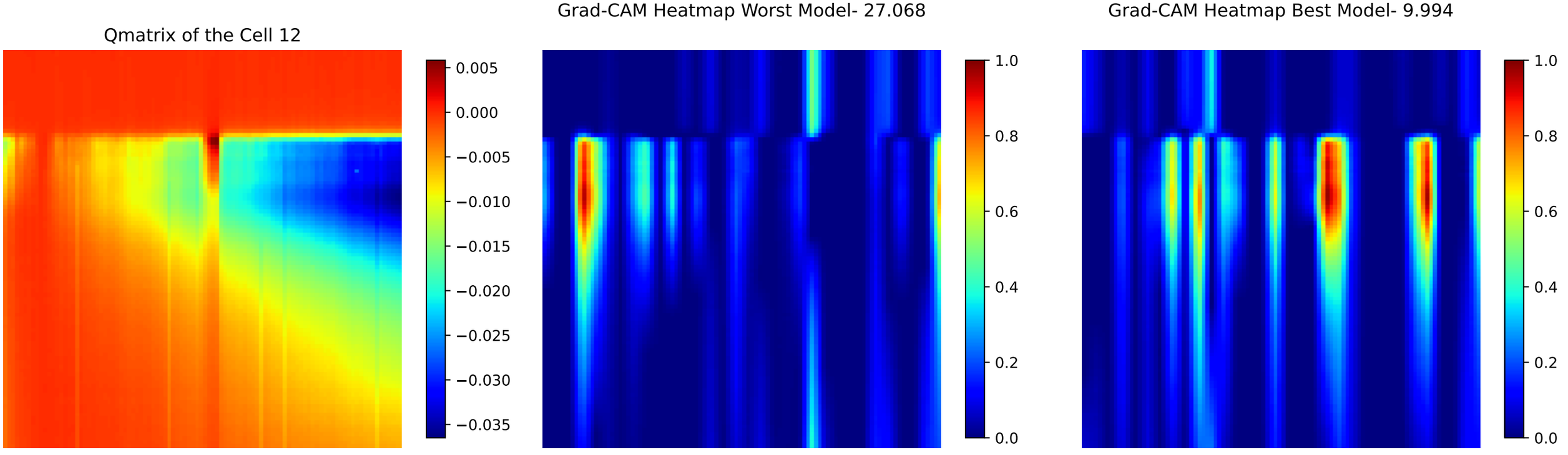
Qmatrix of the Cell 12
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−0.025
−0.030
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Grad-CAM Heatmap Worst Model- 27.068
1.0
0.8
0.6
0.4
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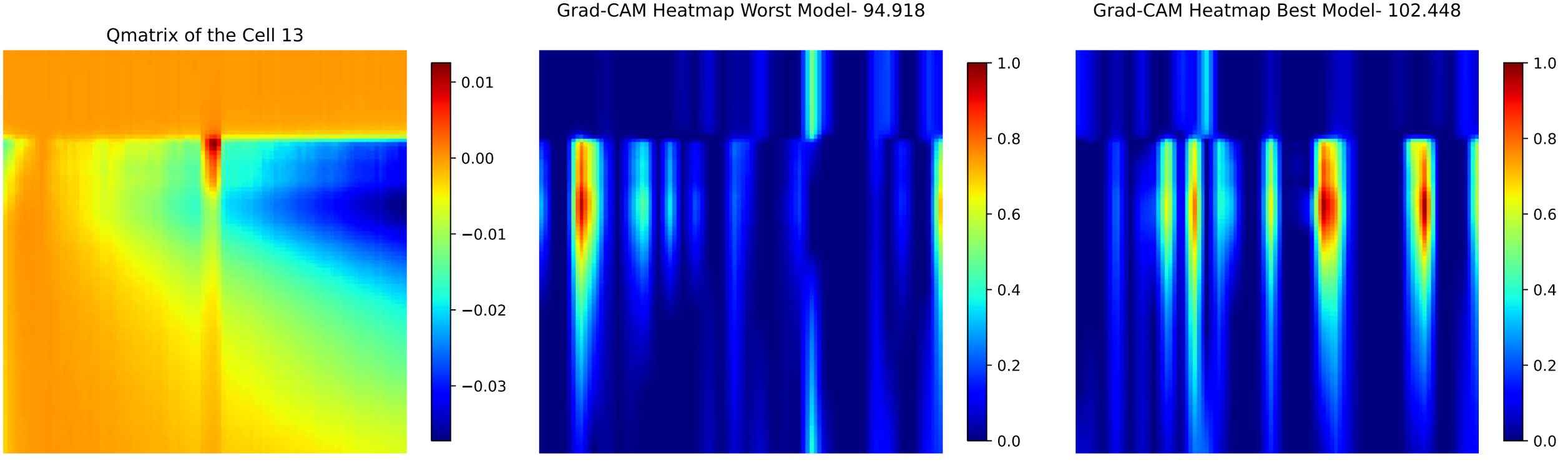
0.0
Grad-CAM Heatmap Best Model- 9.994
1.0
0.8
0.6
0.4
0.2
0.0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Grad-CAM Heatmap Worst Model- 94.918
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0.8
0.6
0.4
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0.0
Grad-CAM Heatmap Best Model- 102.448
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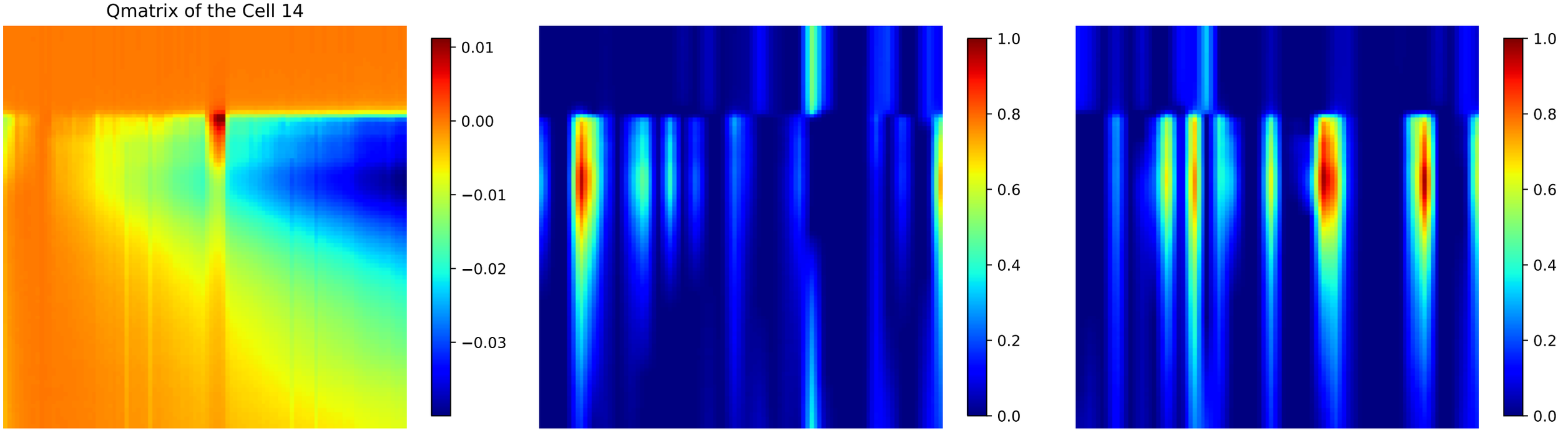
0.8
0.6
0.4
0.2
0.0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Grad-CAM Heatmap Worst Model- 62.841
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0.4
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0.0
Grad-CAM Heatmap Best Model- 72.135
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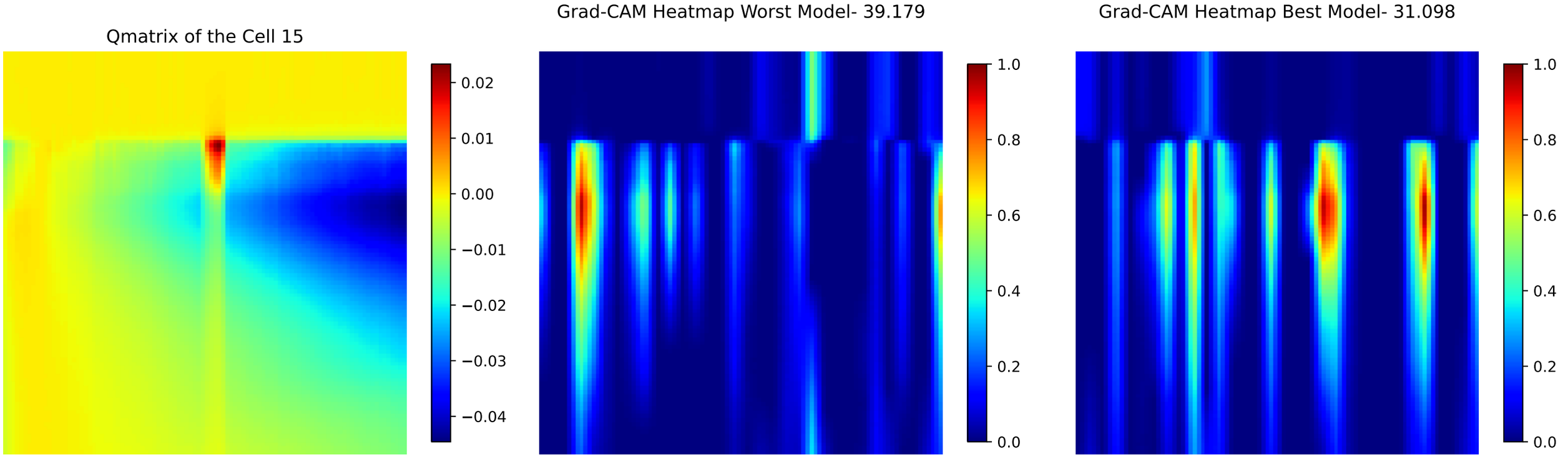
0.8
0.6
0.4
0.2
0.0


Qmatrix of the Cell 15
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−0.03
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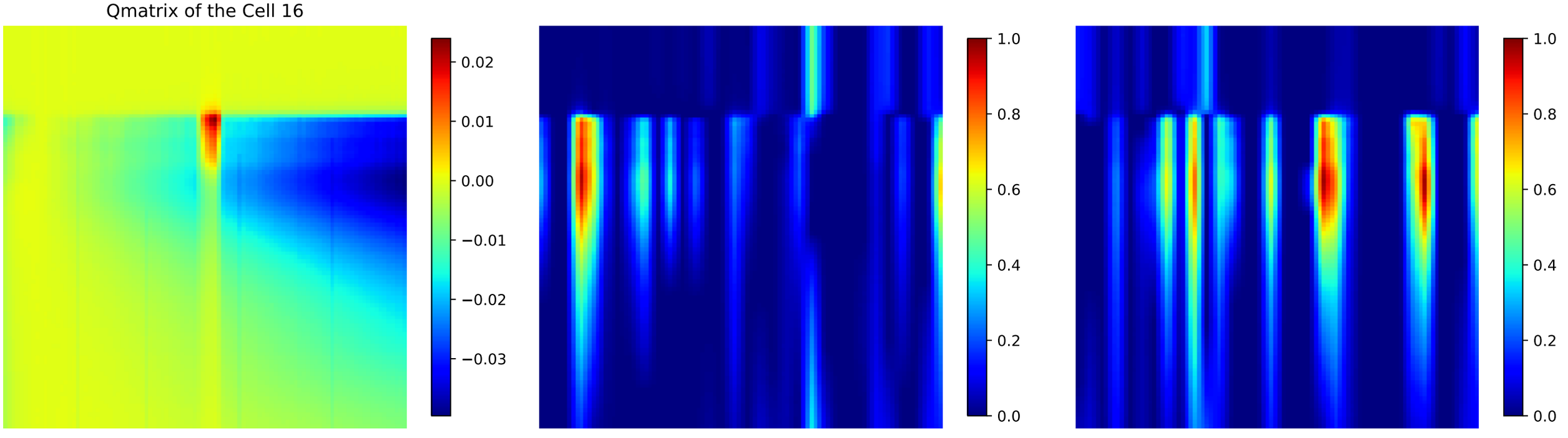
Grad-CAM Heatmap Worst Model- 39.179
1.0
0.8
0.6
0.4
0.2
0.0
Grad-CAM Heatmap Best Model- 31.098
1.0
0.8
0.6
0.4
0.2
0.0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Grad-CAM Heatmap Worst Model- 24.879
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0.6
0.4
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0.0
Grad-CAM Heatmap Best Model- 44.596
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0.8
0.6
0.4
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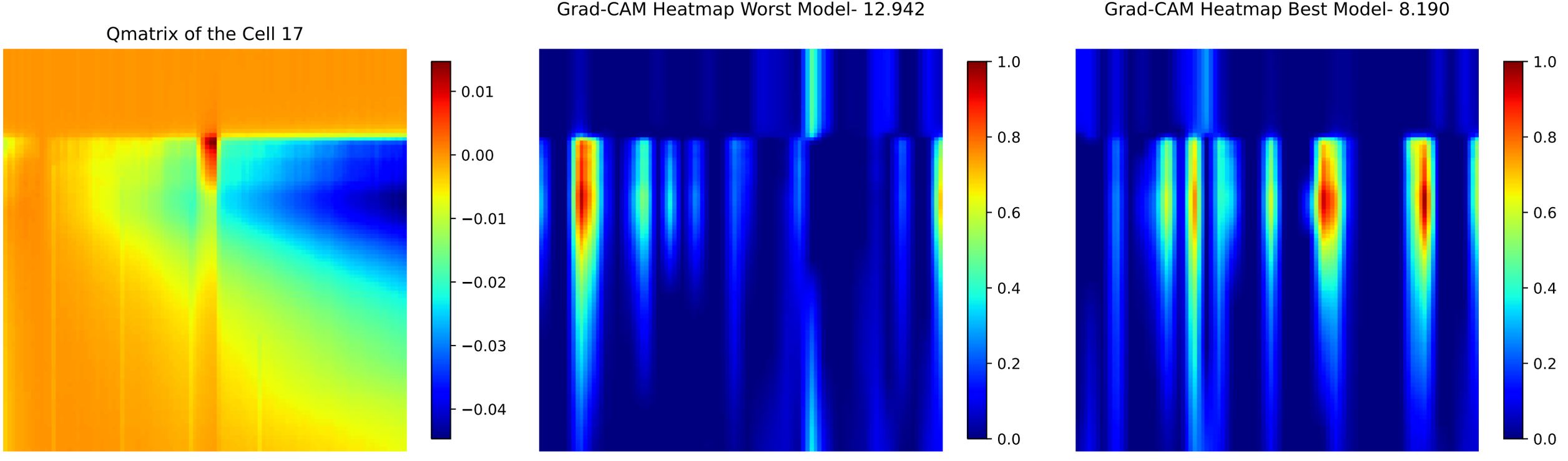
0.0


Qmatrix of the Cell 17
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Grad-CAM Heatmap Worst Model- 12.942
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0.8
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Grad-CAM Heatmap Best Model- 8.190
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0.4
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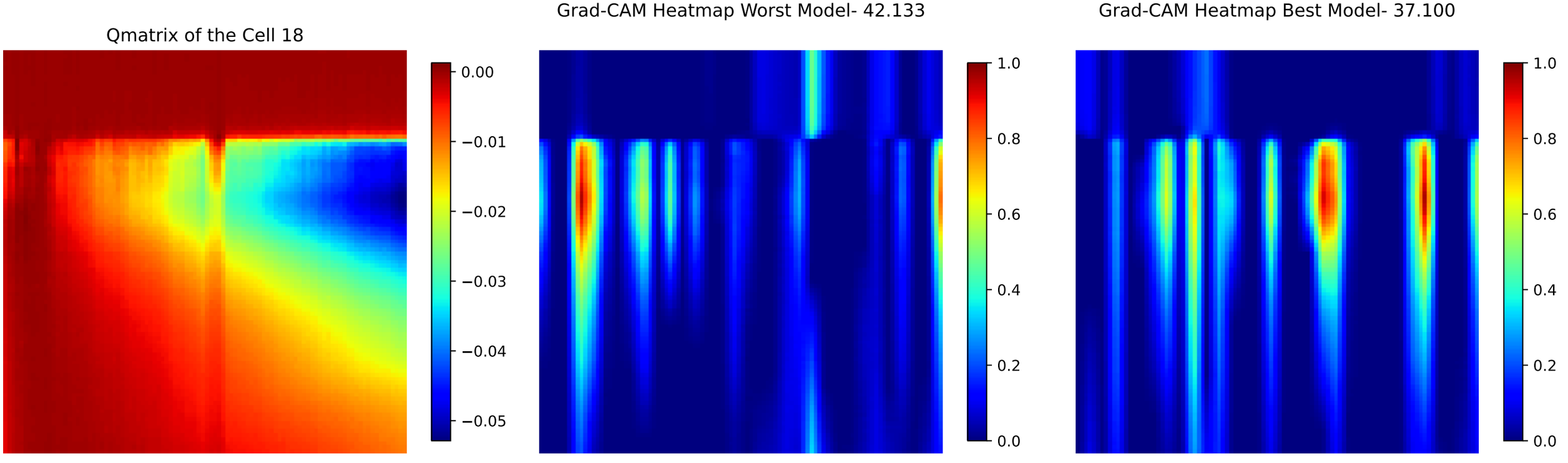
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Grad-CAM Heatmap Worst Model- 42.133
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0.8
0.6
0.4
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0.0
Grad-CAM Heatmap Best Model- 37.100
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0.4
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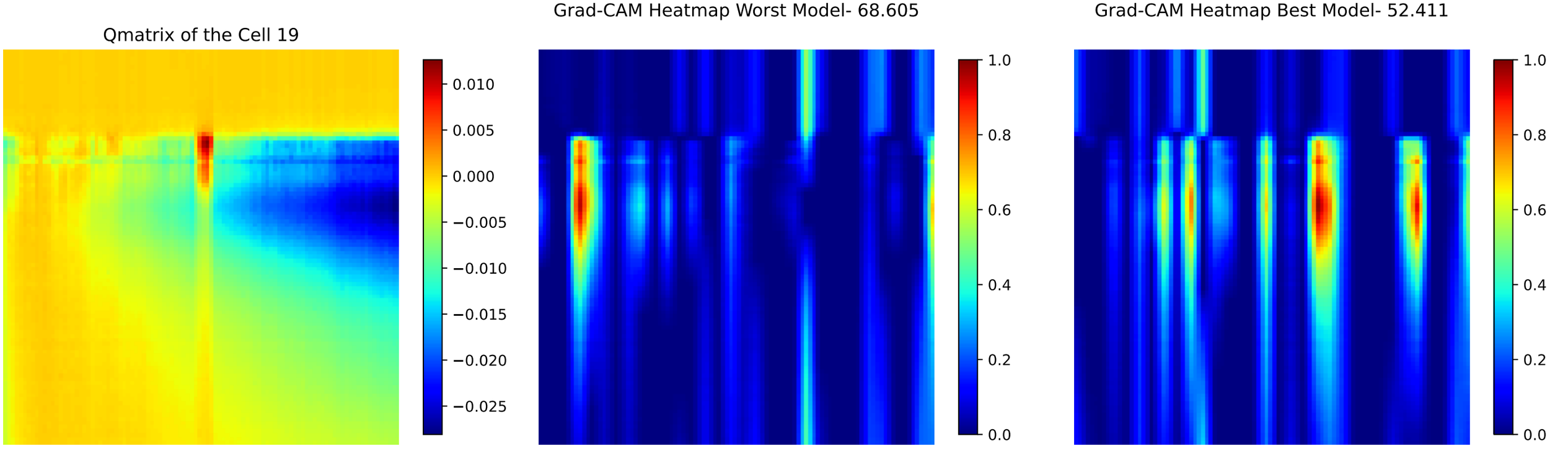
0.0


Qmatrix of the Cell 19
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−0.020
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Grad-CAM Heatmap Worst Model- 68.605
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0.0
Grad-CAM Heatmap Best Model- 52.411
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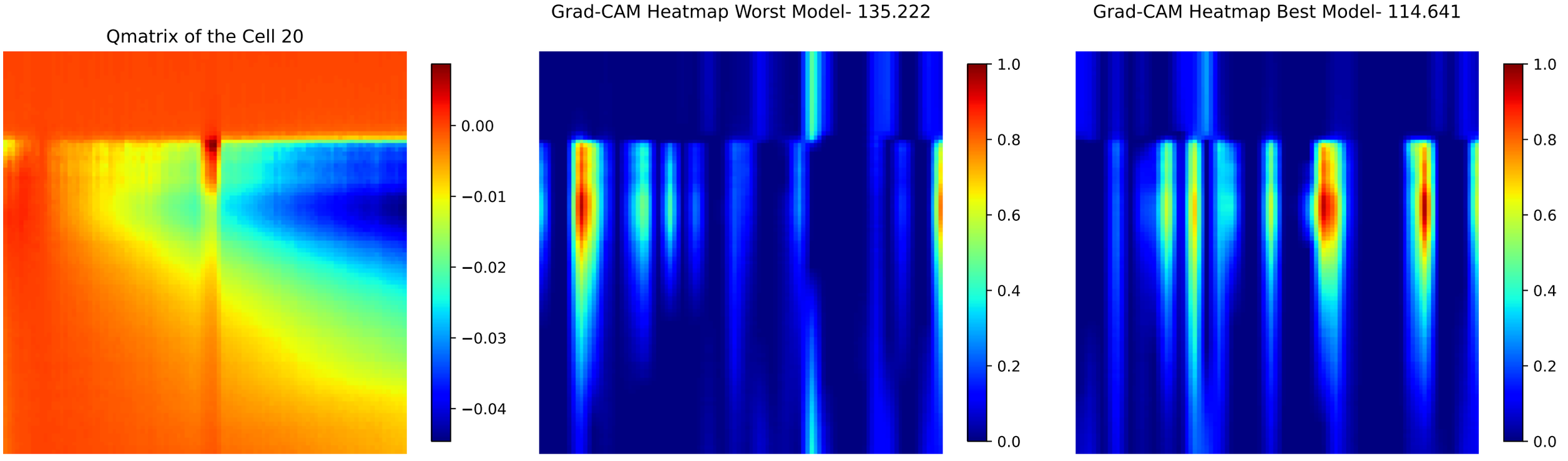
Qmatrix of the Cell 20
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Grad-CAM Heatmap Worst Model- 135.222
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Grad-CAM Heatmap Best Model- 114.641
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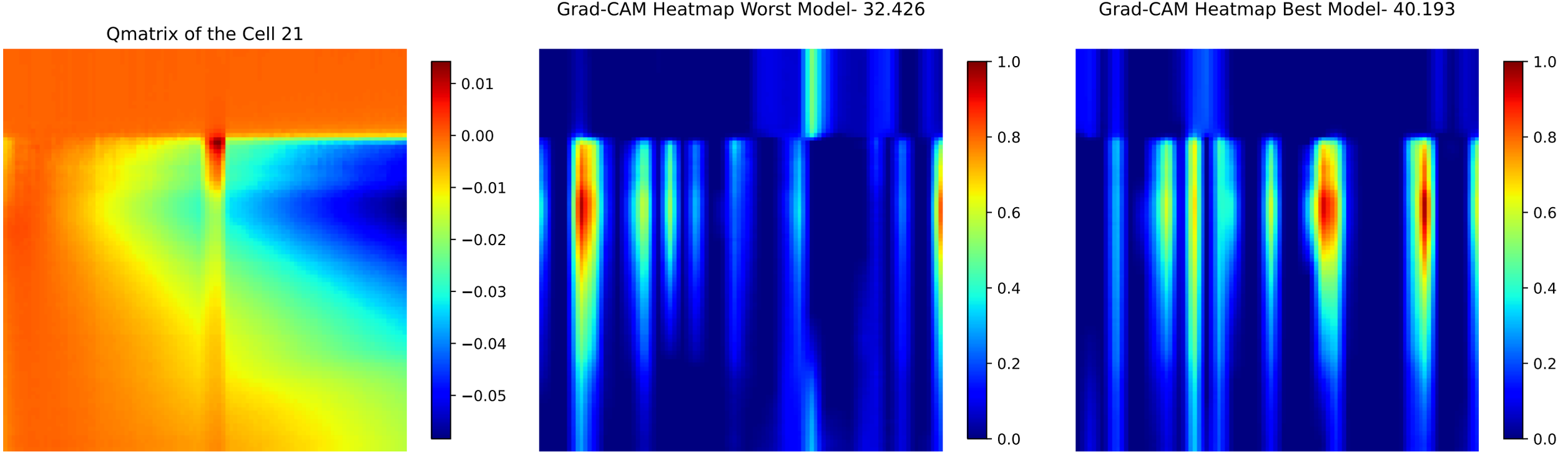
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Grad-CAM Heatmap Worst Model- 32.426
1.0
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Grad-CAM Heatmap Best Model- 40.193
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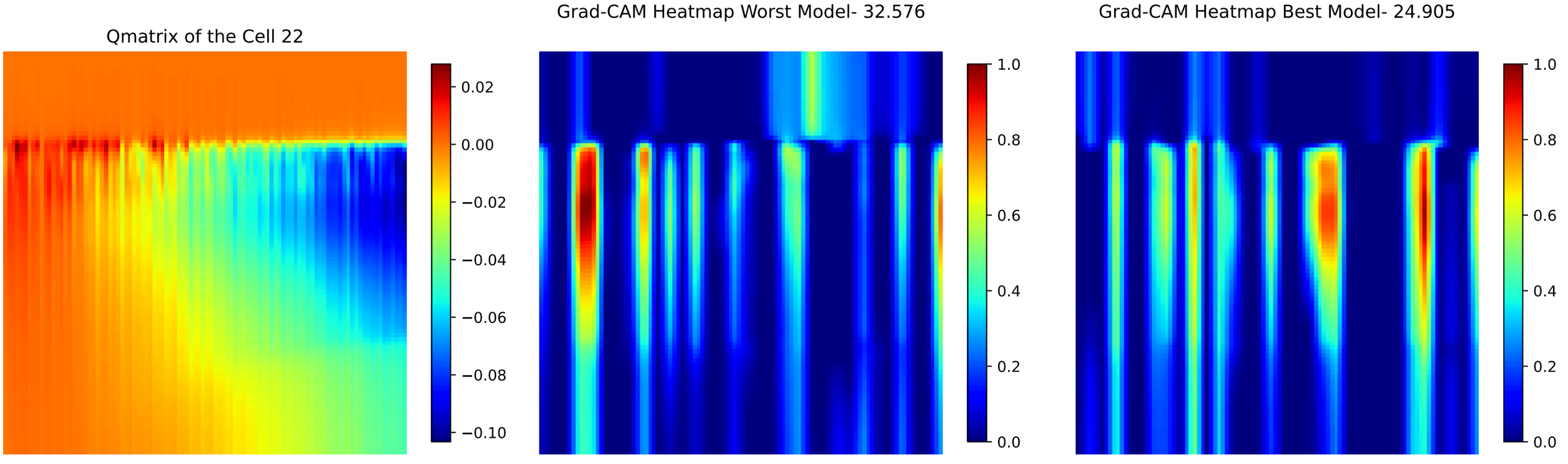
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Grad-CAM Heatmap Worst Model- 32.576
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0.6
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Grad-CAM Heatmap Best Model- 24.905
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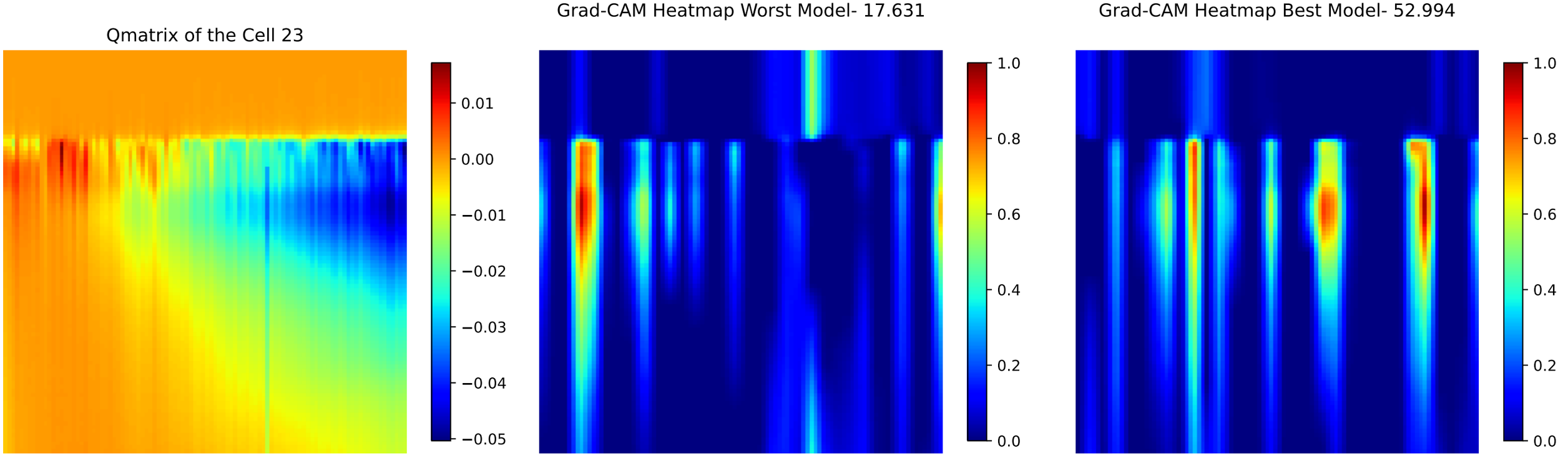
Qmatrix of the Cell 23
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Grad-CAM Heatmap Worst Model- 17.631
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0.8
0.6
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0.0
Grad-CAM Heatmap Best Model- 52.994
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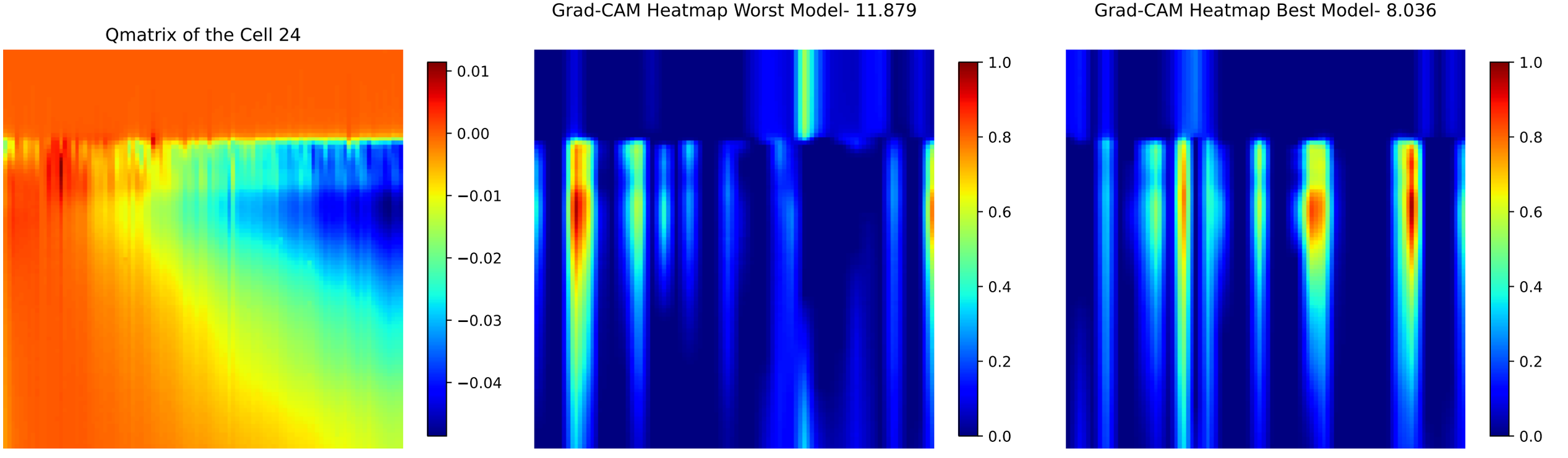
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Grad-CAM Heatmap Worst Model- 11.879
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Grad-CAM Heatmap Best Model- 8.036
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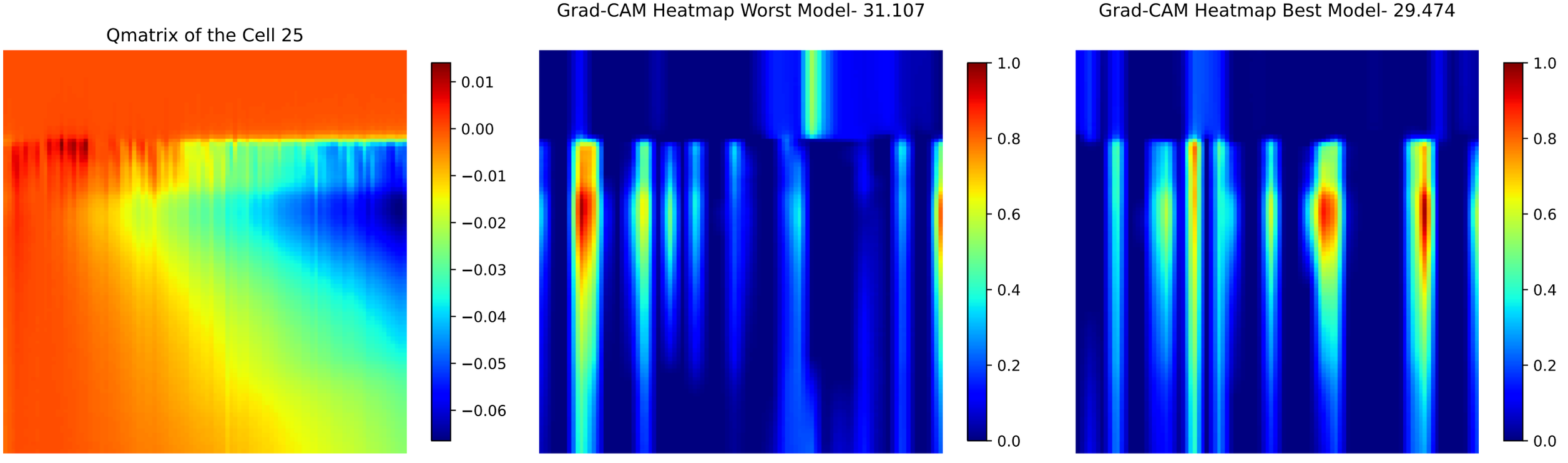
Qmatrix of the Cell 25
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−0.04
−0.05
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Grad-CAM Heatmap Worst Model- 31.107
1.0
0.8
0.6
0.4
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0.0
Grad-CAM Heatmap Best Model- 29.474
1.0
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0.6
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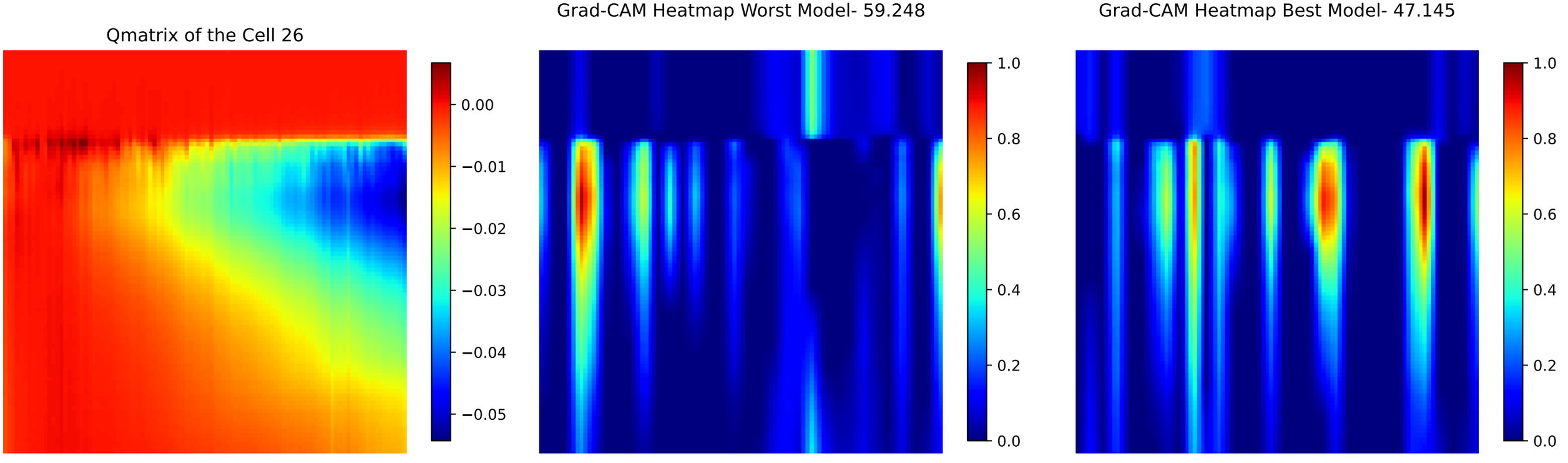
0.0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−0.04
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Grad-CAM Heatmap Worst Model- 59.248
1.0
0.8
0.6
0.4
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0.0
Grad-CAM Heatmap Best Model- 47.145
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0.8
0.6
0.4
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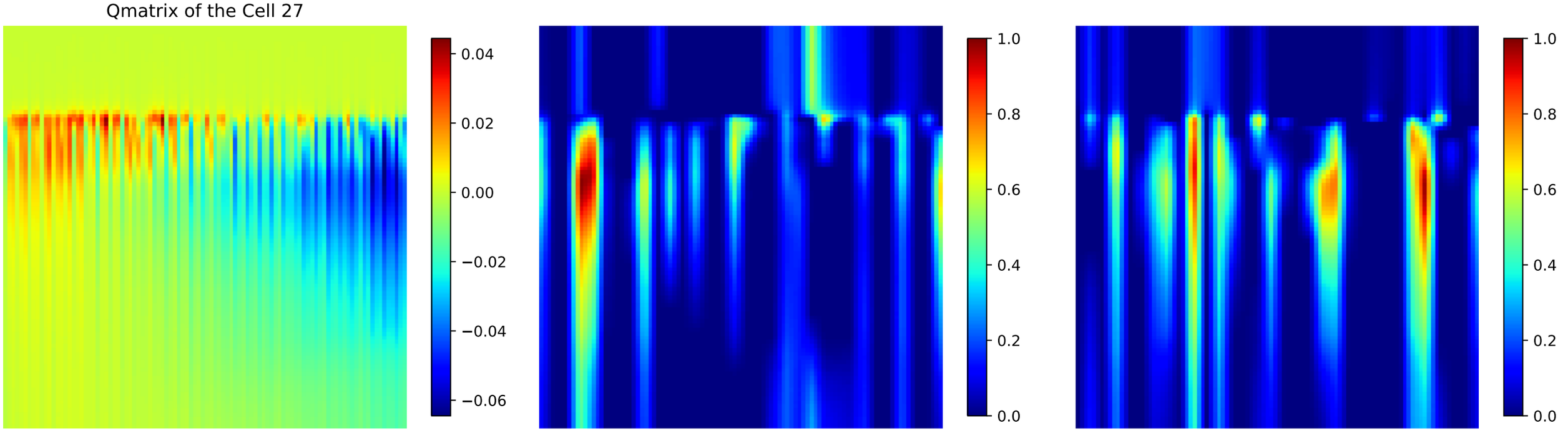
Qmatrix of the Cell 27
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−0.04
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Grad-CAM Heatmap Worst Model- 98.755
1.0
0.8
0.6
0.4
0.2
0.0
Grad-CAM Heatmap Best Model- 139.104
1.0
0.8
0.6
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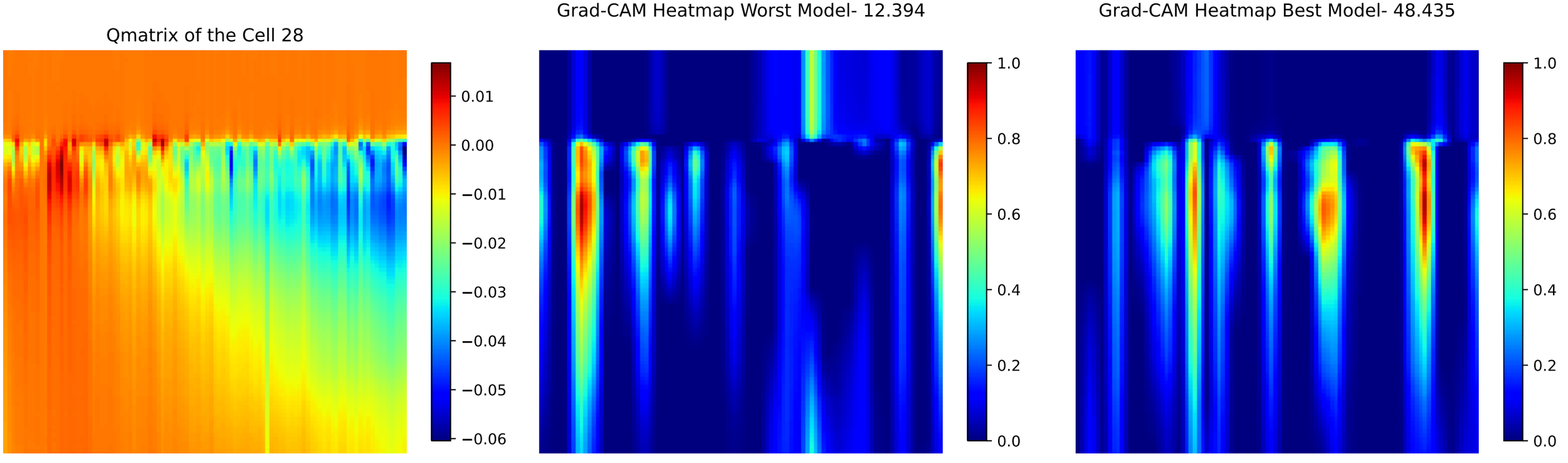
0.2
0.0


Qmatrix of the Cell 28
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−0.04
−0.05
−0.06
Grad-CAM Heatmap Worst Model- 12.394
1.0
0.8
0.6
0.4
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Grad-CAM Heatmap Best Model- 48.435
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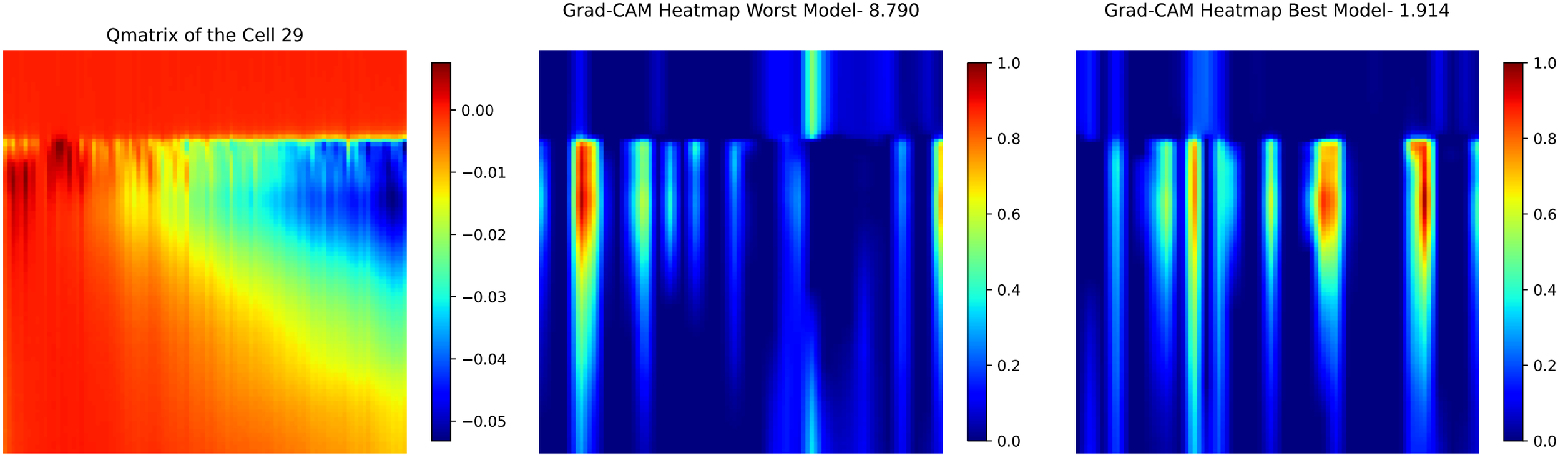
Qmatrix of the Cell 29
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−0.03
−0.04
−0.05
Grad-CAM Heatmap Worst Model- 8.790
1.0
0.8
0.6
0.4
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0.0
Grad-CAM Heatmap Best Model- 1.914
1.0
0.8
0.6
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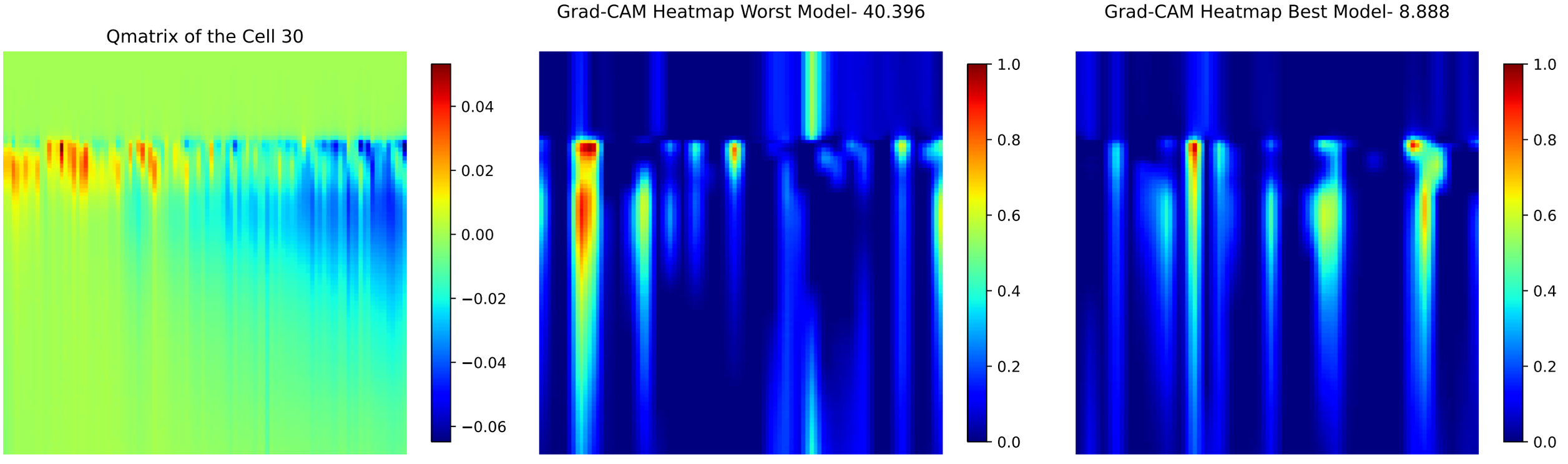
Qmatrix of the Cell 30
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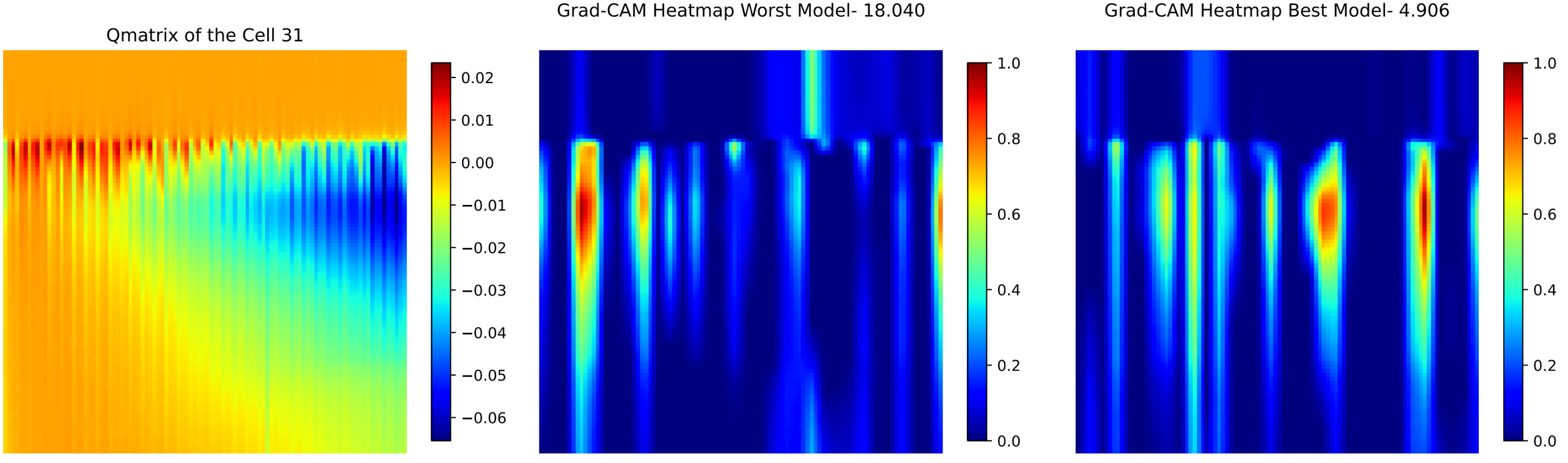
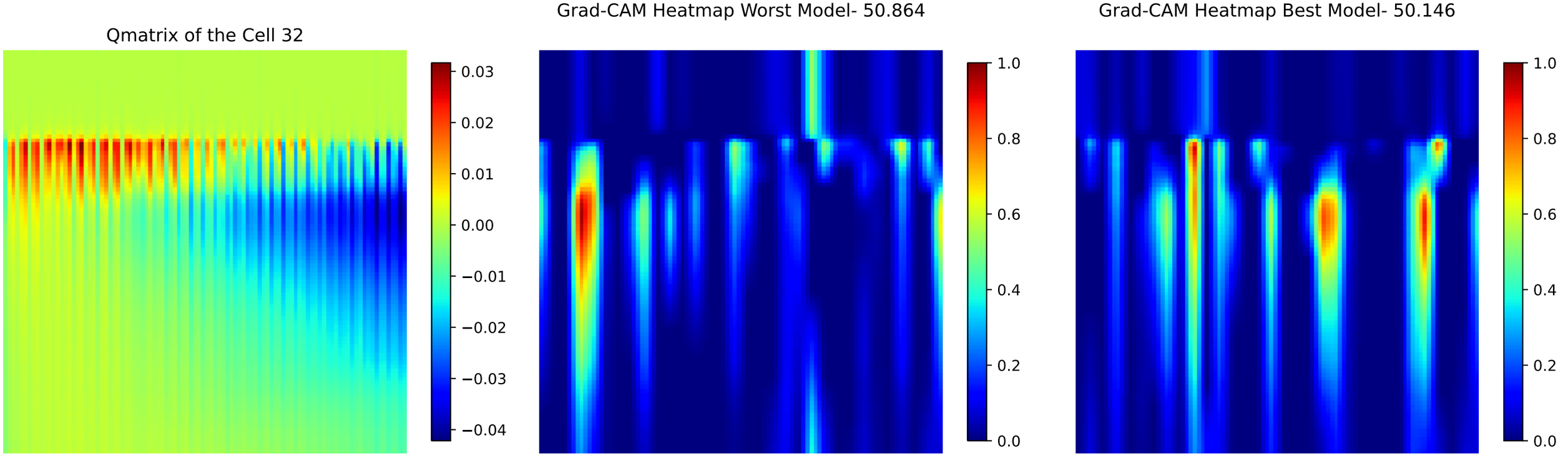
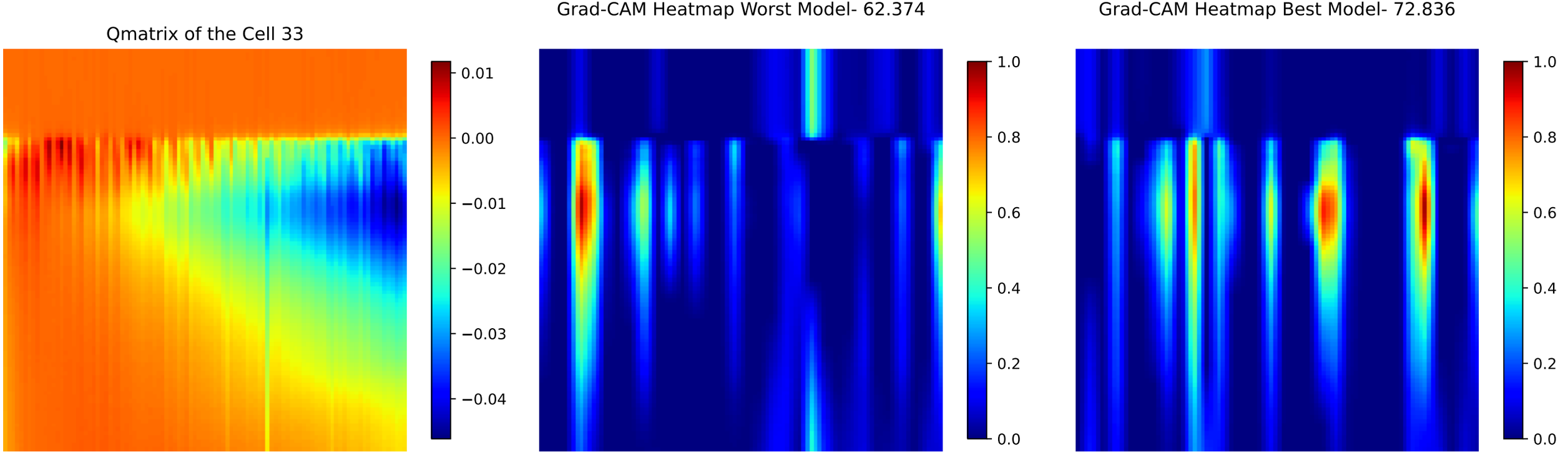
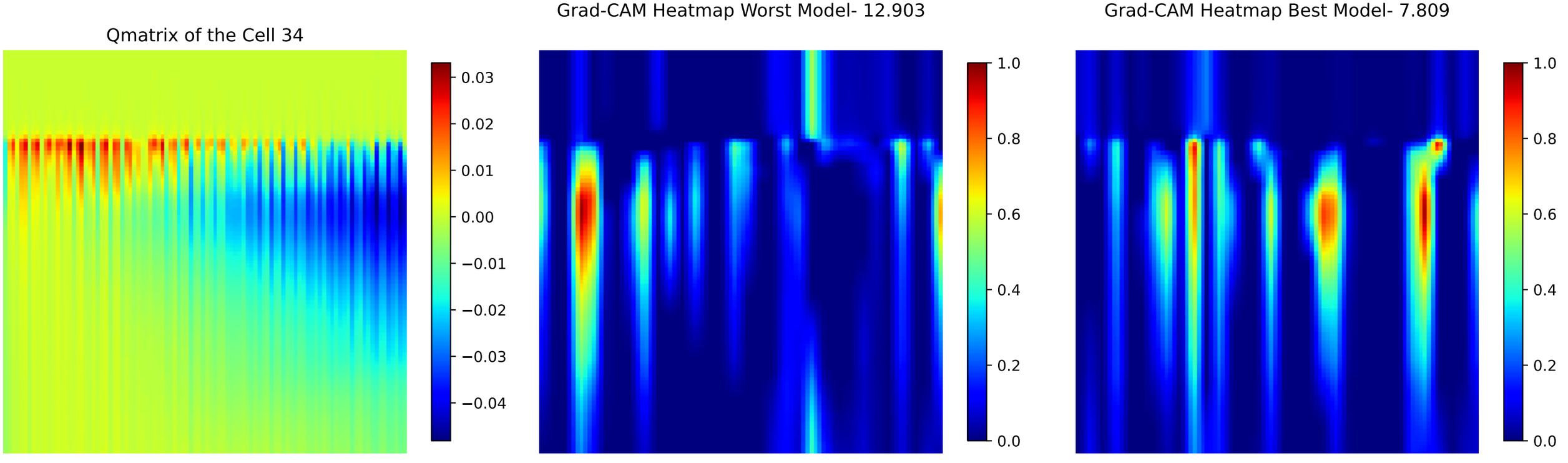
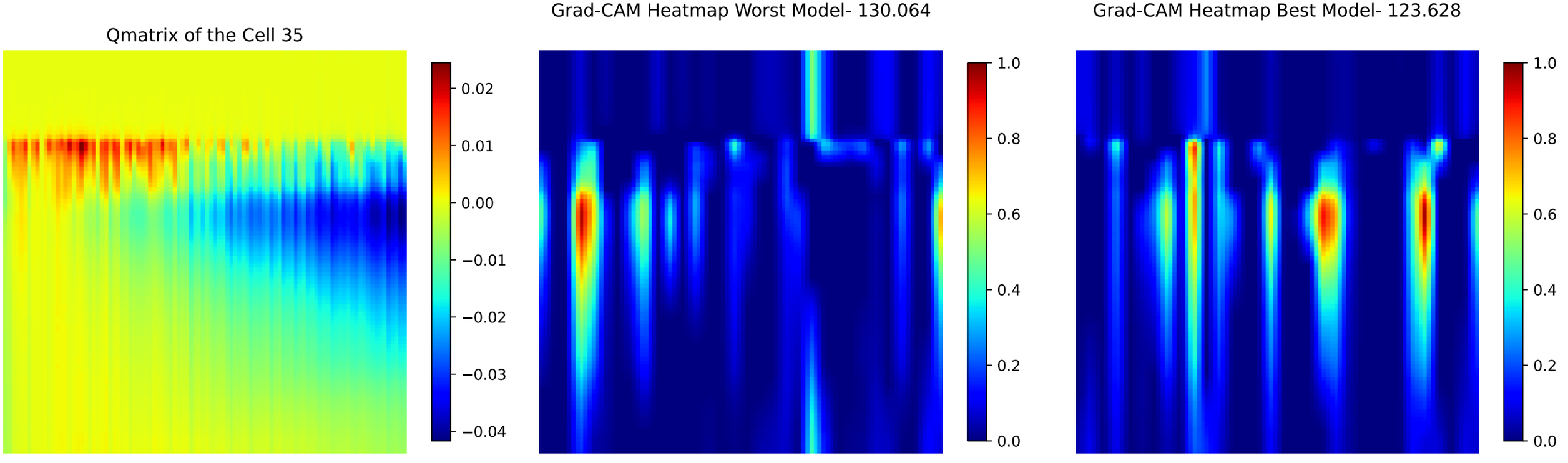
−0.02
−0.04
−0.06
Grad-CAM Heatmap Worst Model- 40.396
1.0
0.8
0.6
0.4
0.2
0.0
Grad-CAM Heatmap Best Model- 8.888
1.0
0.8
0.6
0.4
0.2
0.0


Qmatrix of the Cell 31
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
−0.06
Grad-CAM Heatmap Worst Model- 18.040
1.0
0.8
0.6
0.4
0.2
0.0
Grad-CAM Heatmap Best Model- 4.906
1.0
0.8
0.6
0.4
0.2
0.0


Qmatrix of the Cell 32
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
Grad-CAM Heatmap Worst Model- 50.864
1.0
0.8
0.6
0.4
0.2
0.0
Grad-CAM Heatmap Best Model- 50.146
1.0
0.8
0.6
0.4
0.2
0.0


Qmatrix of the Cell 33
0.01
0.00
−0.01
−0.02
−0.03
−0.04
Grad-CAM Heatmap Worst Model- 62.374
1.0
0.8
0.6
0.4
0.2
0.0
Grad-CAM Heatmap Best Model- 72.836
1.0
0.8
0.6
0.4
0.2
0.0


Qmatrix of the Cell 34
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
Grad-CAM Heatmap Worst Model- 12.903
1.0
0.8
0.6
0.4
0.2
0.0
Grad-CAM Heatmap Best Model- 7.809
1.0
0.8
0.6
0.4
0.2
0.0


Qmatrix of the Cell 35
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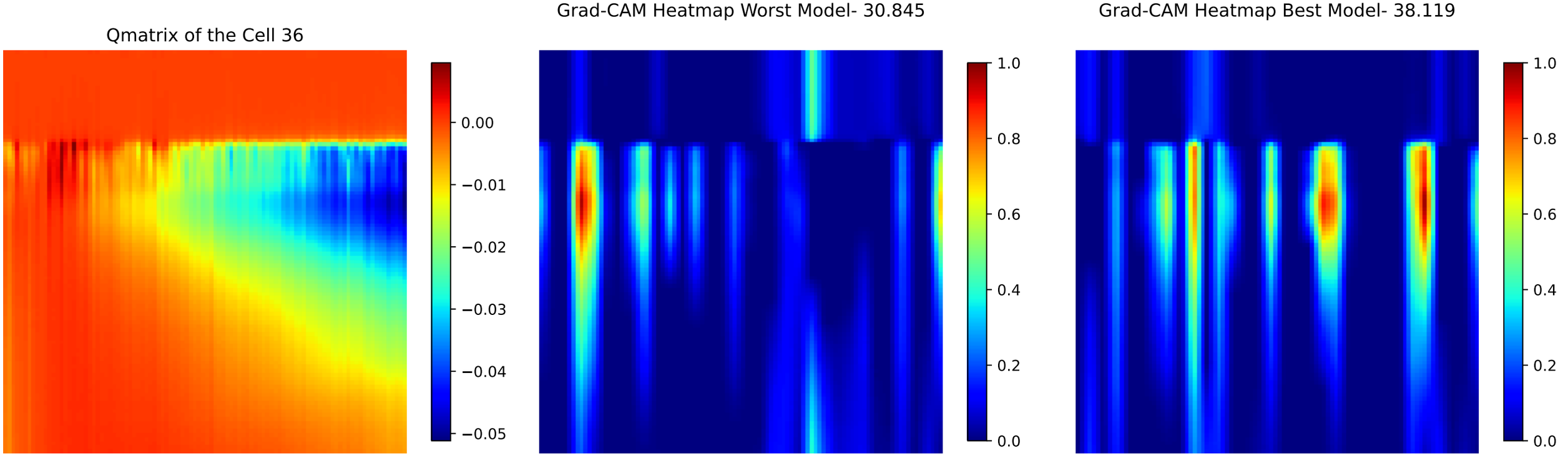
0.01
0.00
−0.01
−0.02
−0.03
−0.04
Grad-CAM Heatmap Worst Model- 130.064
1.0
0.8
0.6
0.4
0.2
0.0
Grad-CAM Heatmap Best Model- 123.628
1.0
0.8
0.6
0.4
0.2
0.0


Qmatrix of the Cell 36
0.00
−0.01
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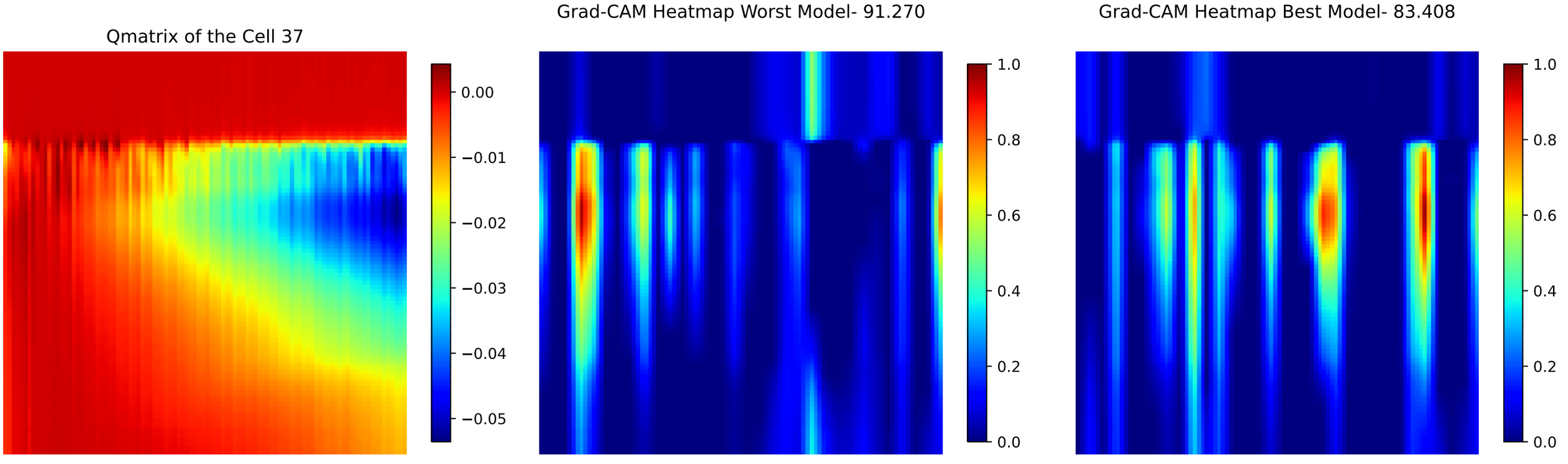
−0.03
−0.04
−0.05
Grad-CAM Heatmap Worst Model- 30.845
1.0
0.8
0.6
0.4
0.2
0.0
Grad-CAM Heatmap Best Model- 38.119
1.0
0.8
0.6
0.4
0.2
0.0


Qmatrix of the Cell 37
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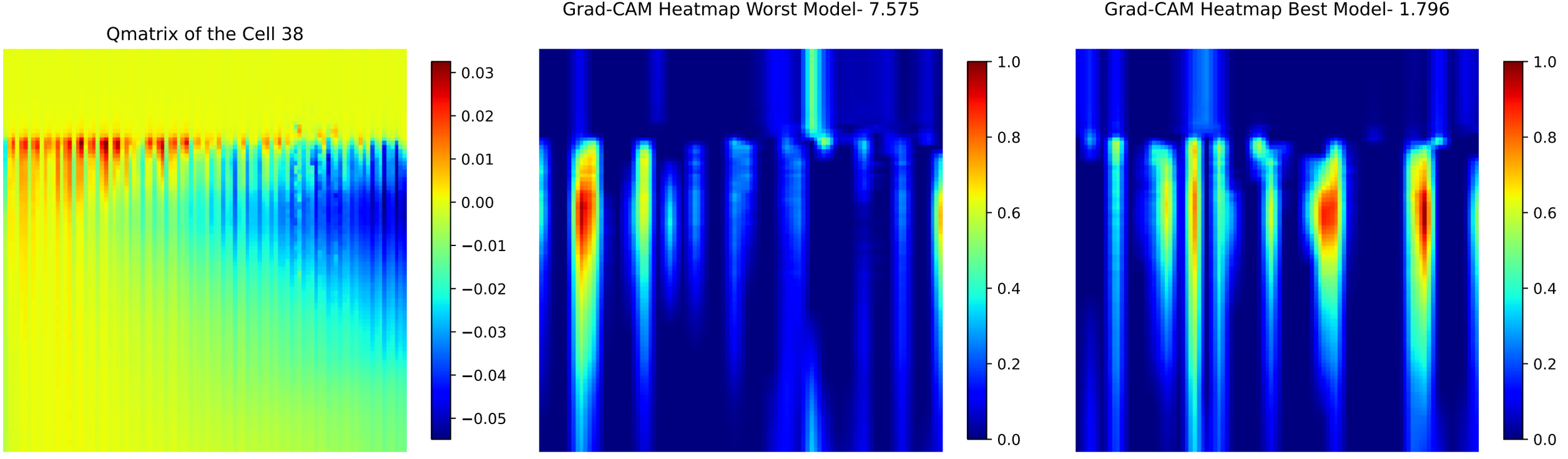
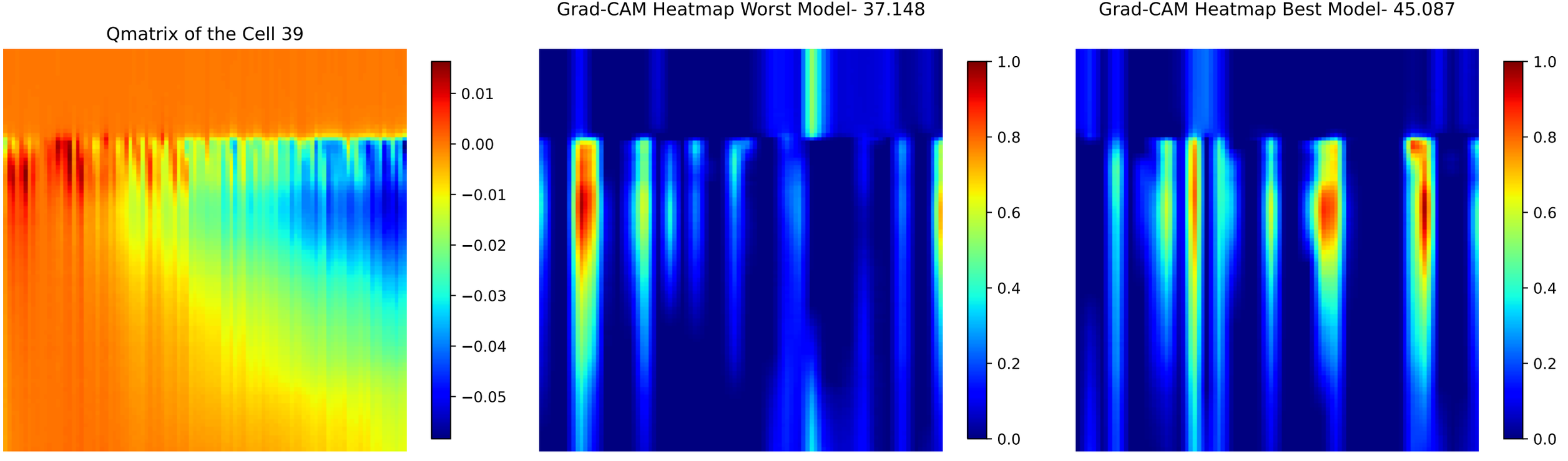
−0.02
−0.03
−0.04
−0.05
Grad-CAM Heatmap Worst Model- 91.270
1.0
0.8
0.6
0.4
0.2
0.0
Grad-CAM Heatmap Best Model- 83.408
1.0
0.8
0.6
0.4
0.2
0.0


Qmatrix of the Cell 38
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
Grad-CAM Heatmap Worst Model- 7.575
1.0
0.8
0.6
0.4
0.2
0.0
Grad-CAM Heatmap Best Model- 1.796
1.0
0.8
0.6
0.4
0.2
0.0


Qmatrix of the Cell 39
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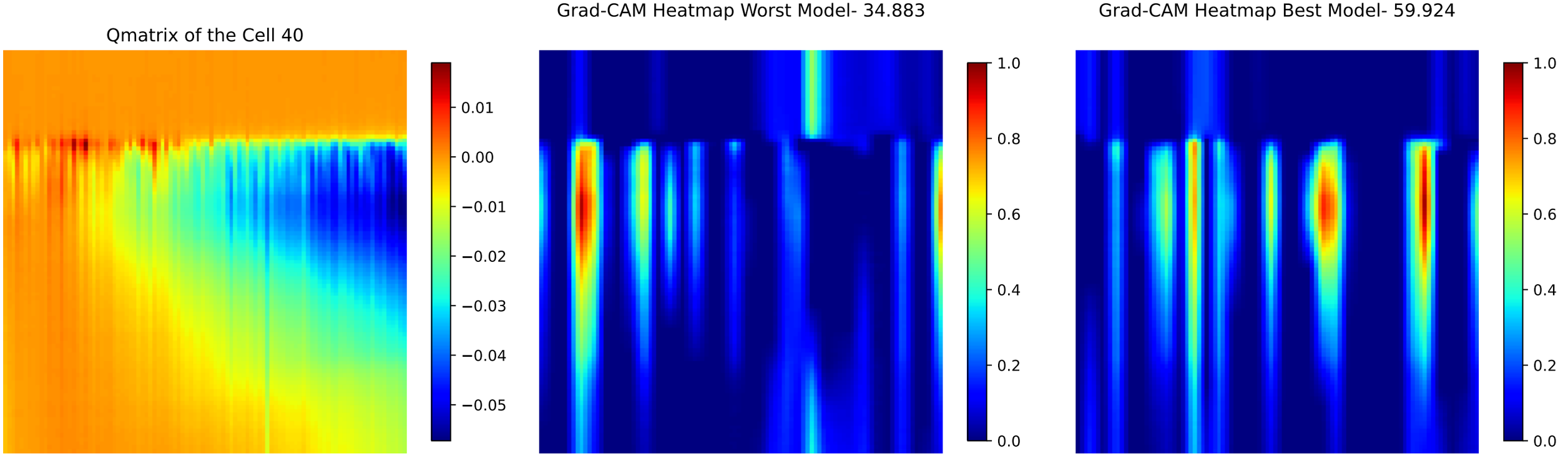
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
Grad-CAM Heatmap Worst Model- 37.148
1.0
0.8
0.6
0.4
0.2
0.0
Grad-CAM Heatmap Best Model- 45.087
1.0
0.8
0.6
0.4
0.2
0.0


Qmatrix of the Cell 40
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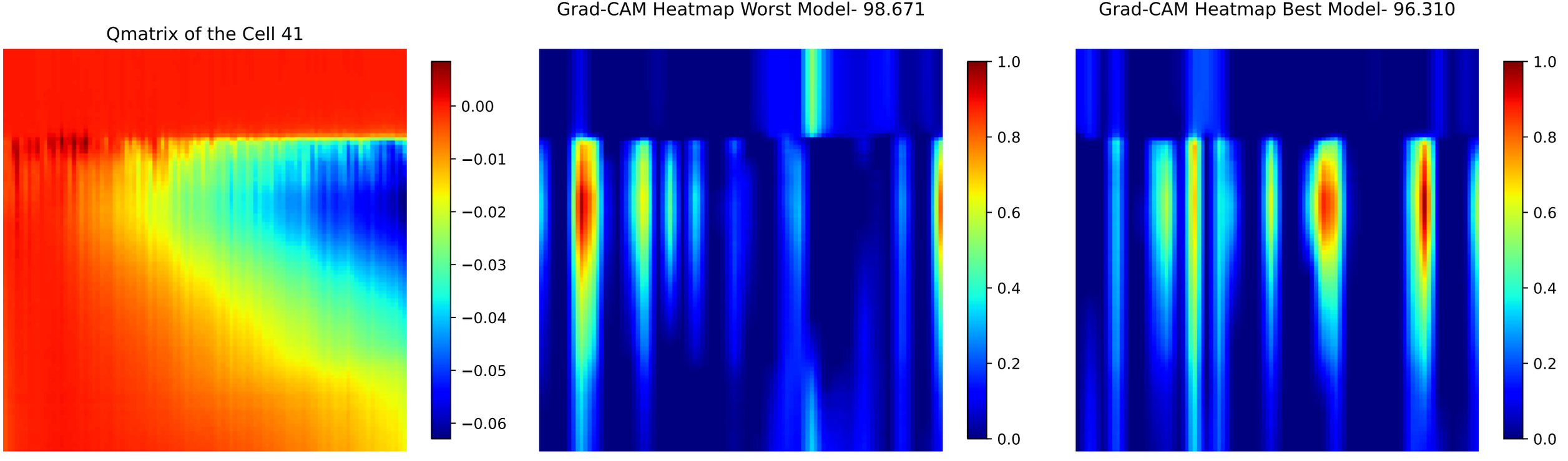
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
Grad-CAM Heatmap Worst Model- 34.883
1.0
0.8
0.6
0.4
0.2
0.0
Grad-CAM Heatmap Best Model- 59.924
1.0
0.8
0.6
0.4
0.2
0.0


Qmatrix of the Cell 41
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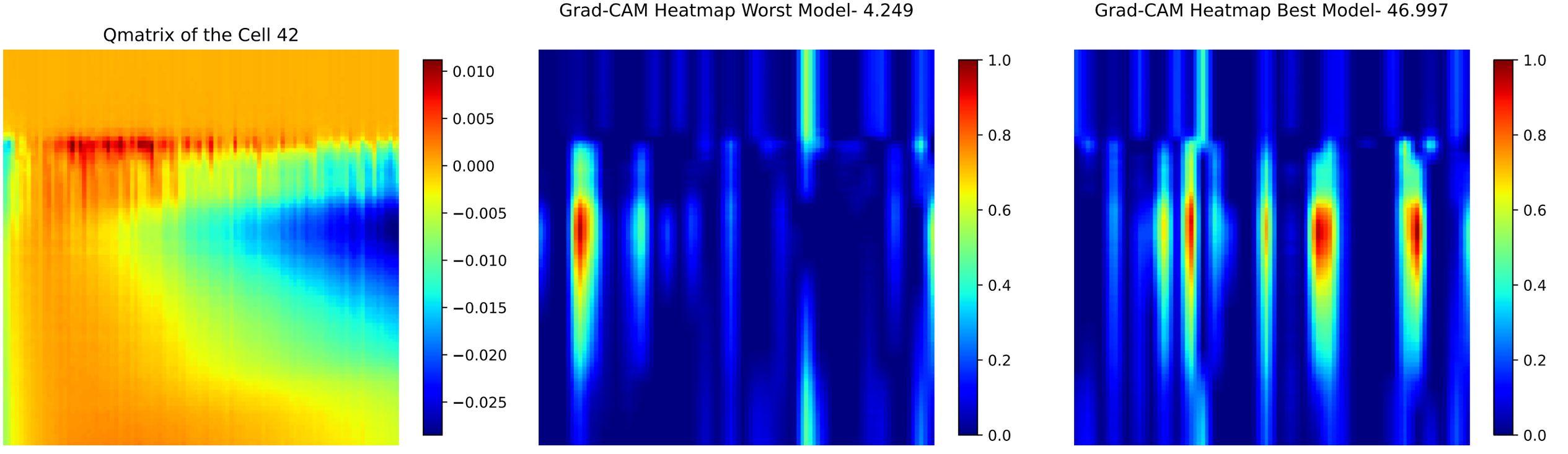
−0.02
−0.03
−0.04
−0.05
−0.06
Grad-CAM Heatmap Worst Model- 98.671
1.0
0.8
0.6
0.4
0.2
0.0
Grad-CAM Heatmap Best Model- 96.310
1.0
0.8
0.6
0.4
0.2
0.0


Qmatrix of the Cell 42
0.010
0.005
0.000
−0.005
−0.010
−0.015
−0.020
−0.025
Grad-CAM Heatmap Worst Model- 4.249
1.0
0.8
0.6
0.4
0.2
0.0
Grad-CAM Heatmap Best Model- 46.997
1.0
0.8
0.6
0.4
0.2
0.0