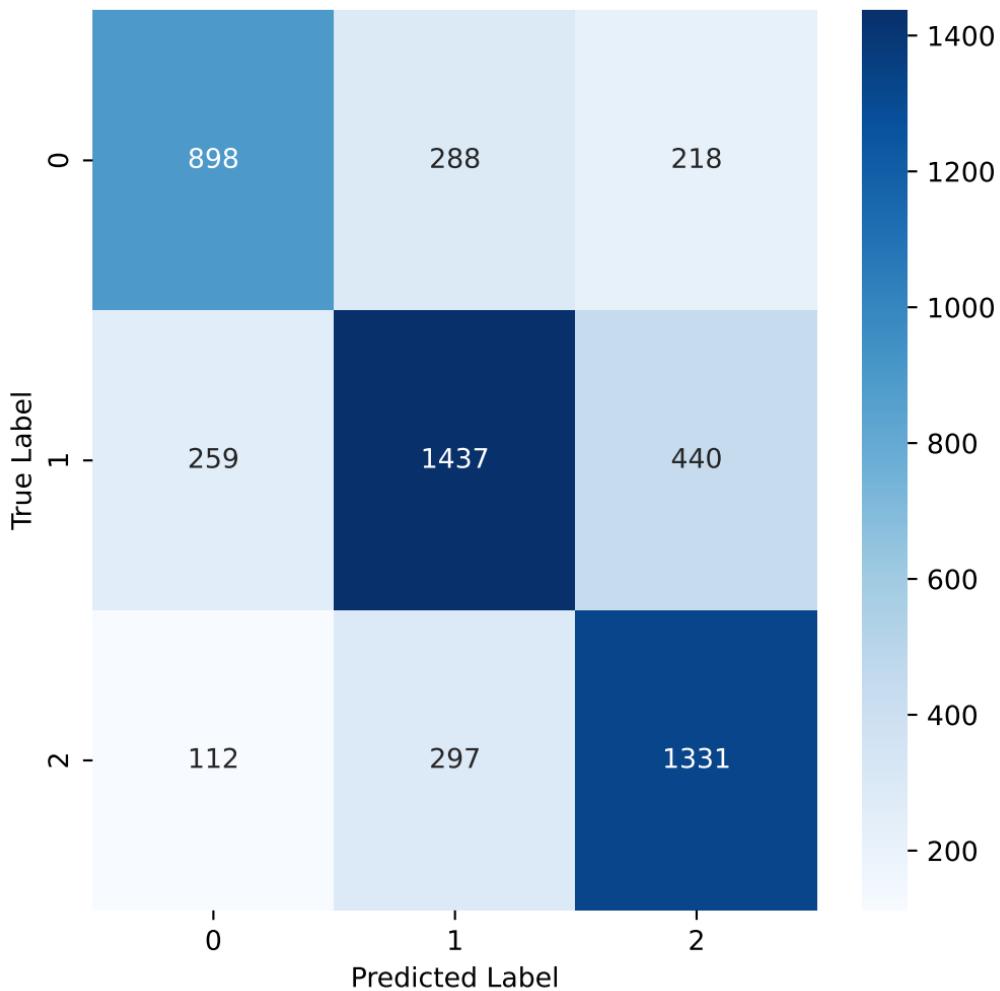


Confusion Matrix - Nationwide (Test Set)

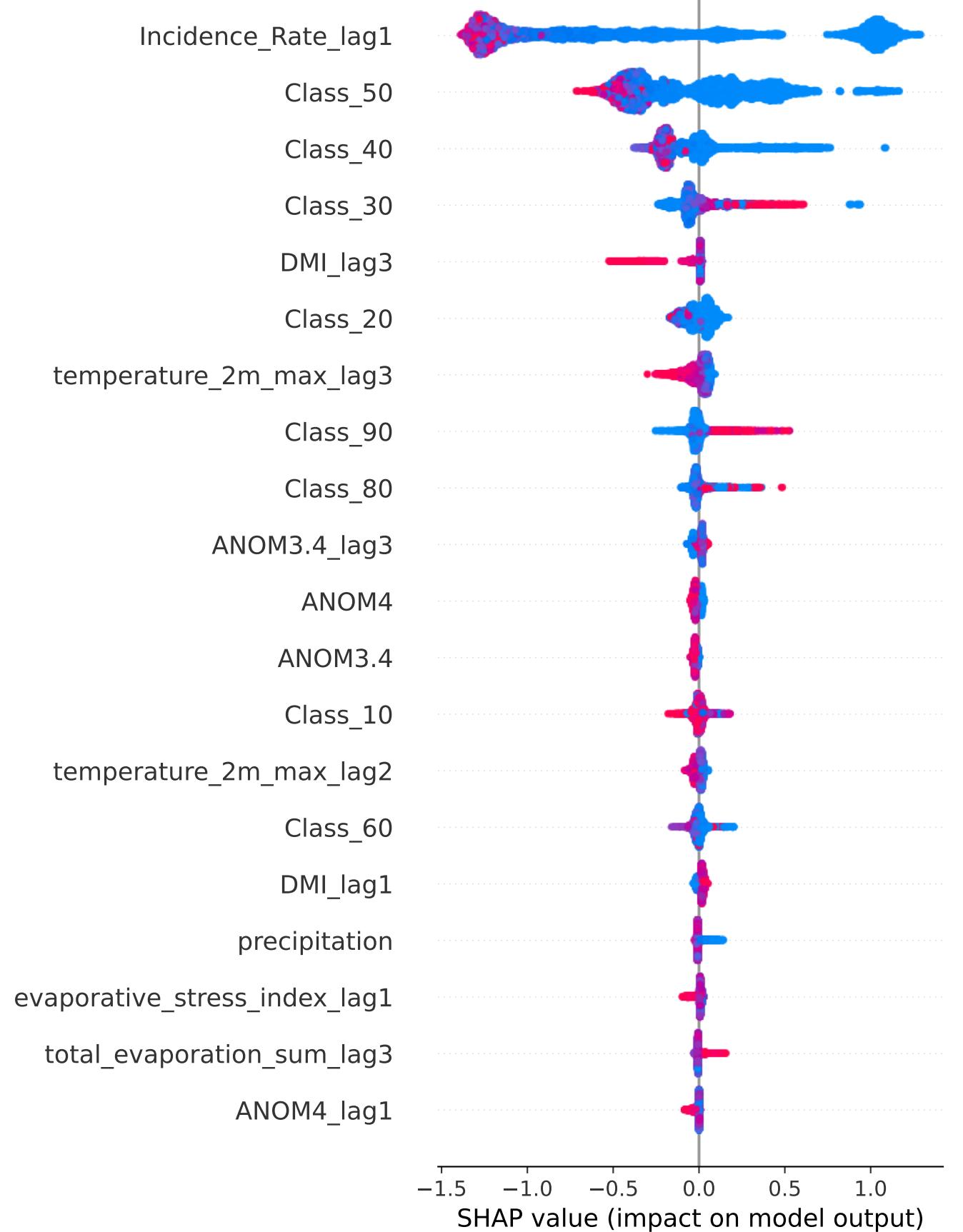


SHAP Beeswarm Plot for Class 0 - Nationwide (Test Set)

High

Feature value

Low

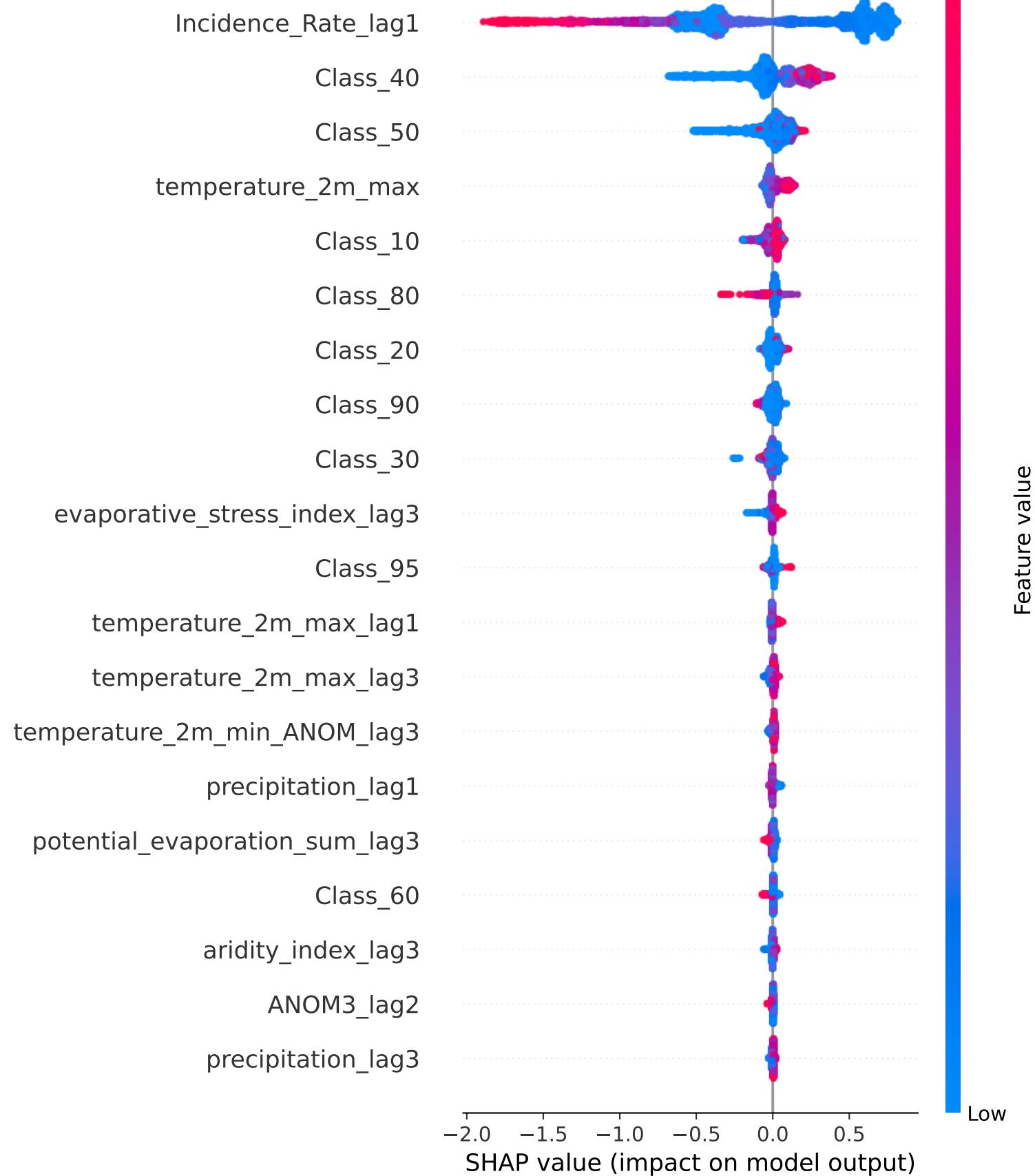


SHAP Beeswarm Plot for Class 1 - Nationwide (Test Set)

High

Feature value

Low

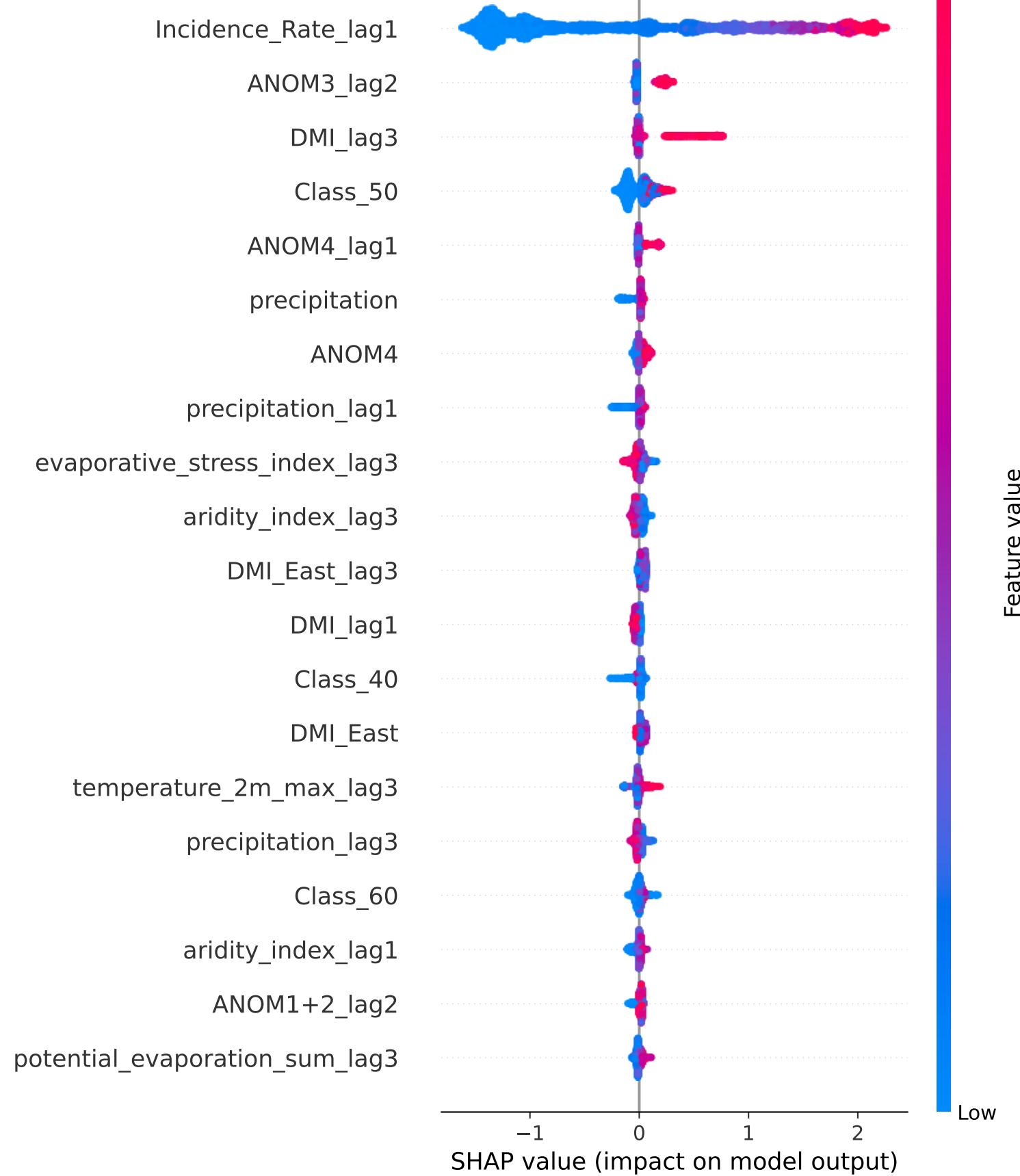


SHAP Beeswarm Plot for Class 2 - Nationwide (Test Set)

High

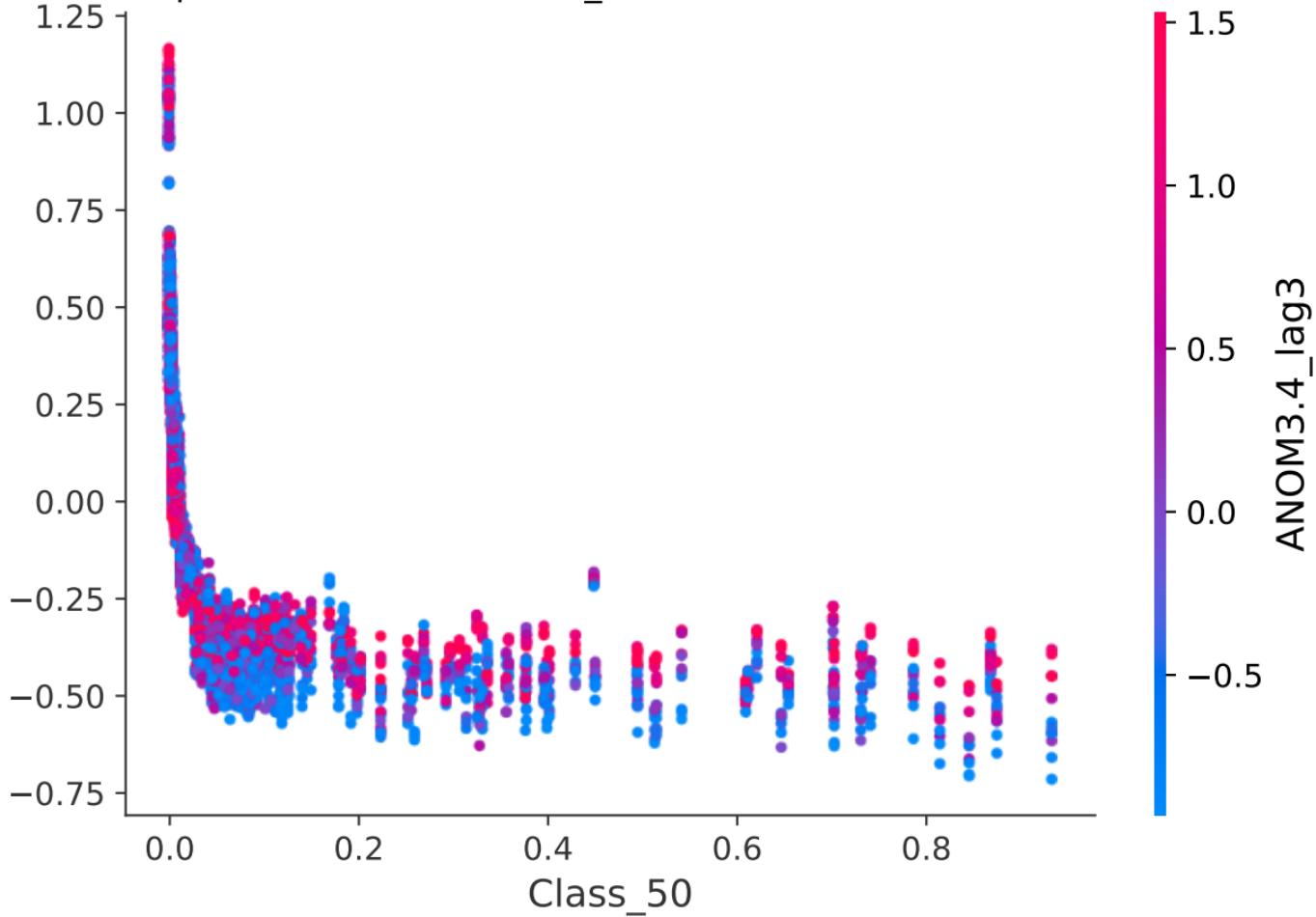
Feature value

Low

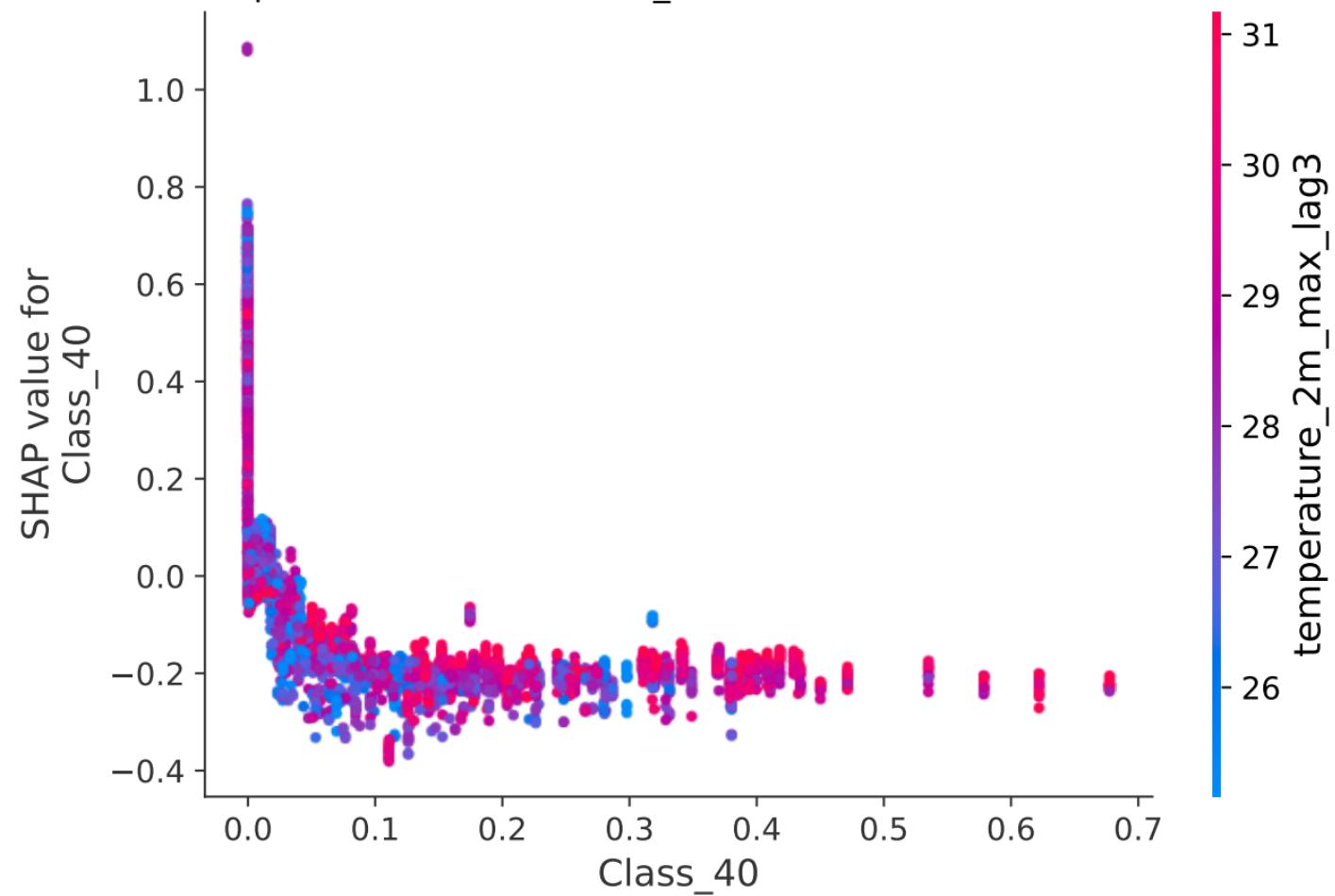


SHAP Dependence Plot for Class_50, Class 0 - Nationwide (Test Set)

SHAP value for
Class_50



SHAP Dependence Plot for Class_40, Class 0 - Nationwide (Test Set)



SHAP Dependence Plot for Class_30, Class 0 - Nationwide (Test Set)

SHAP value for
Class_30

0.8
0.6
0.4
0.2
0.0
-0.2

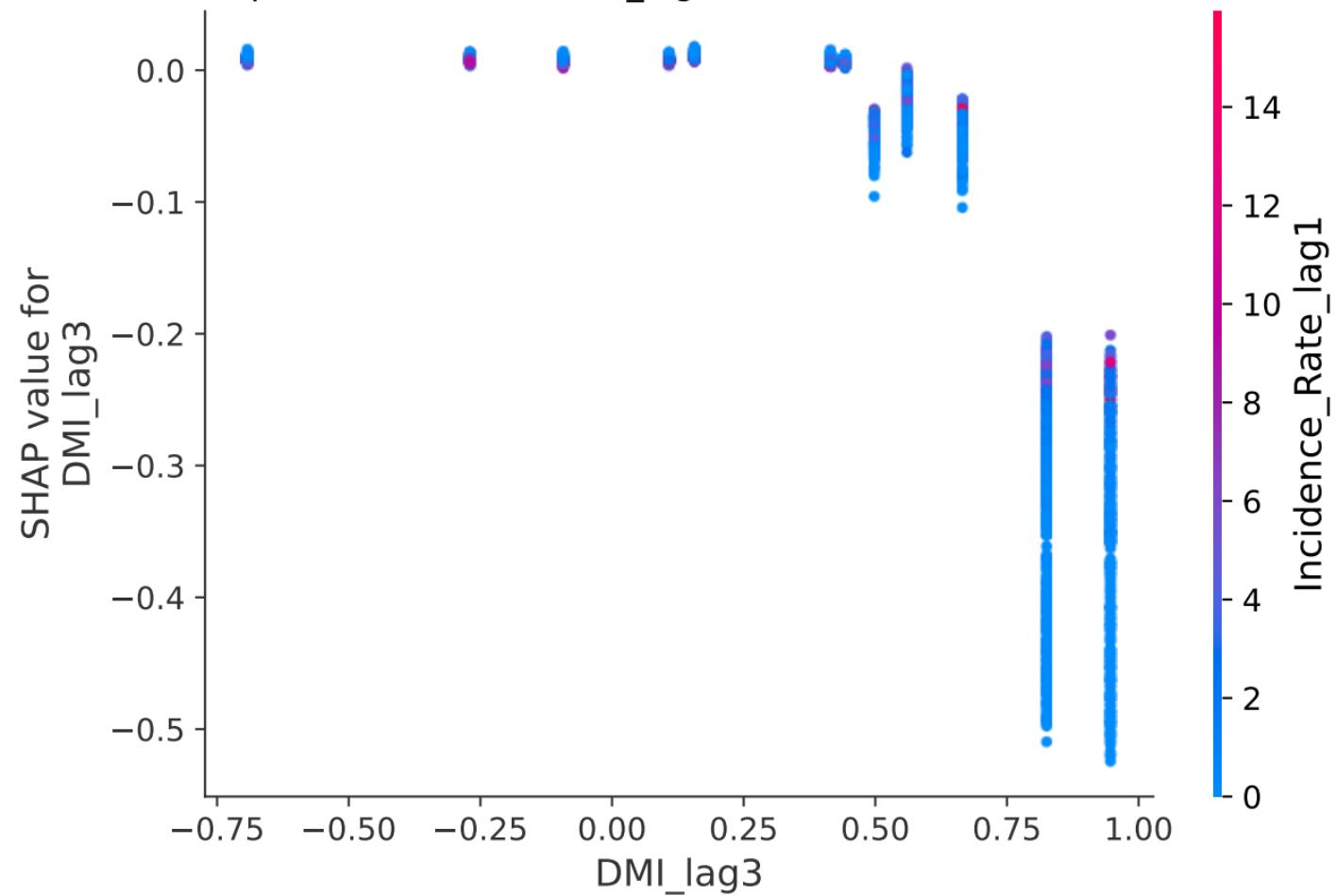
0.0 0.1 0.2 0.3 0.4 0.5 0.6

Class_30

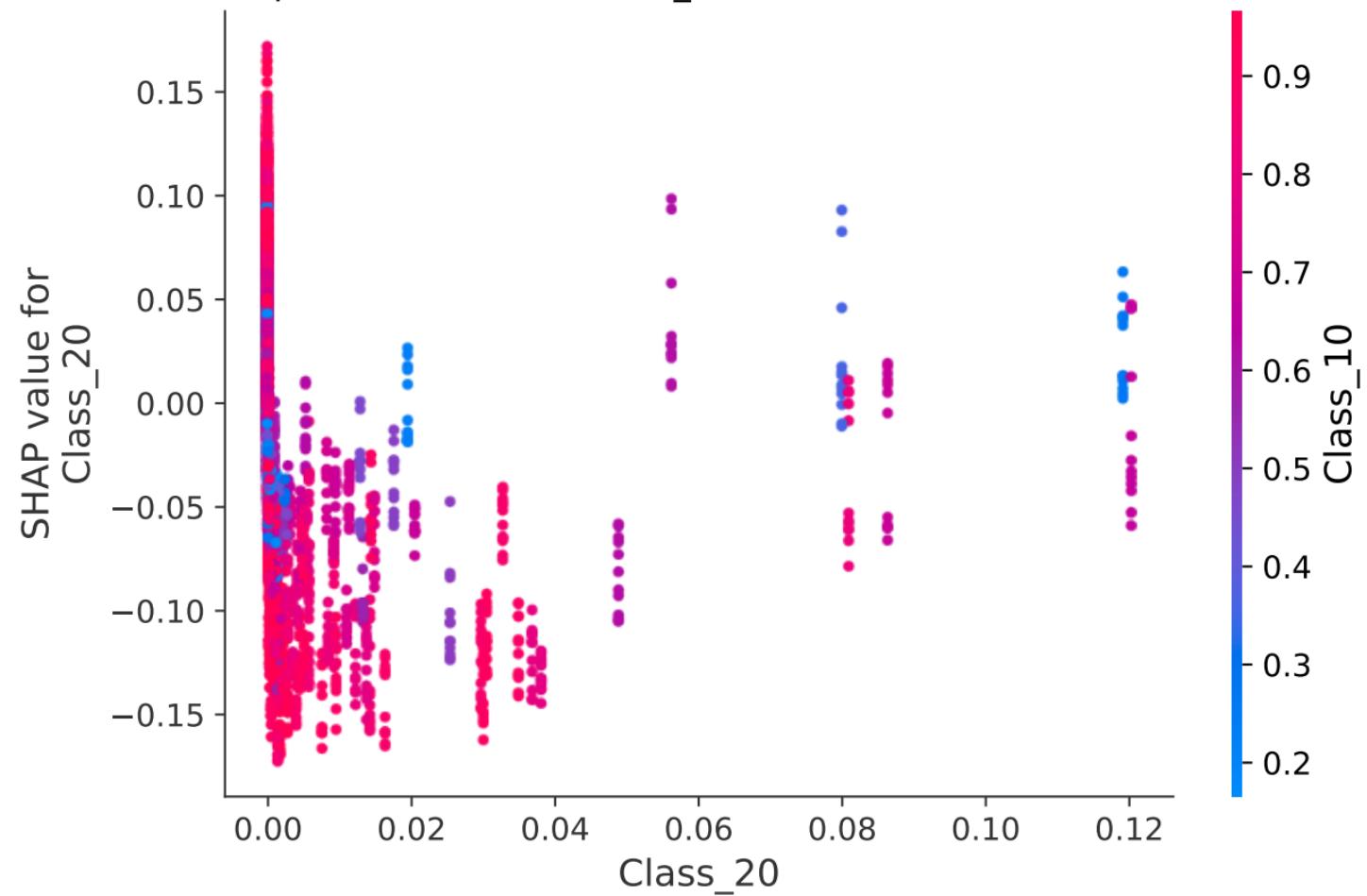
Class_80

-0.07
-0.06
-0.05
-0.04
-0.03

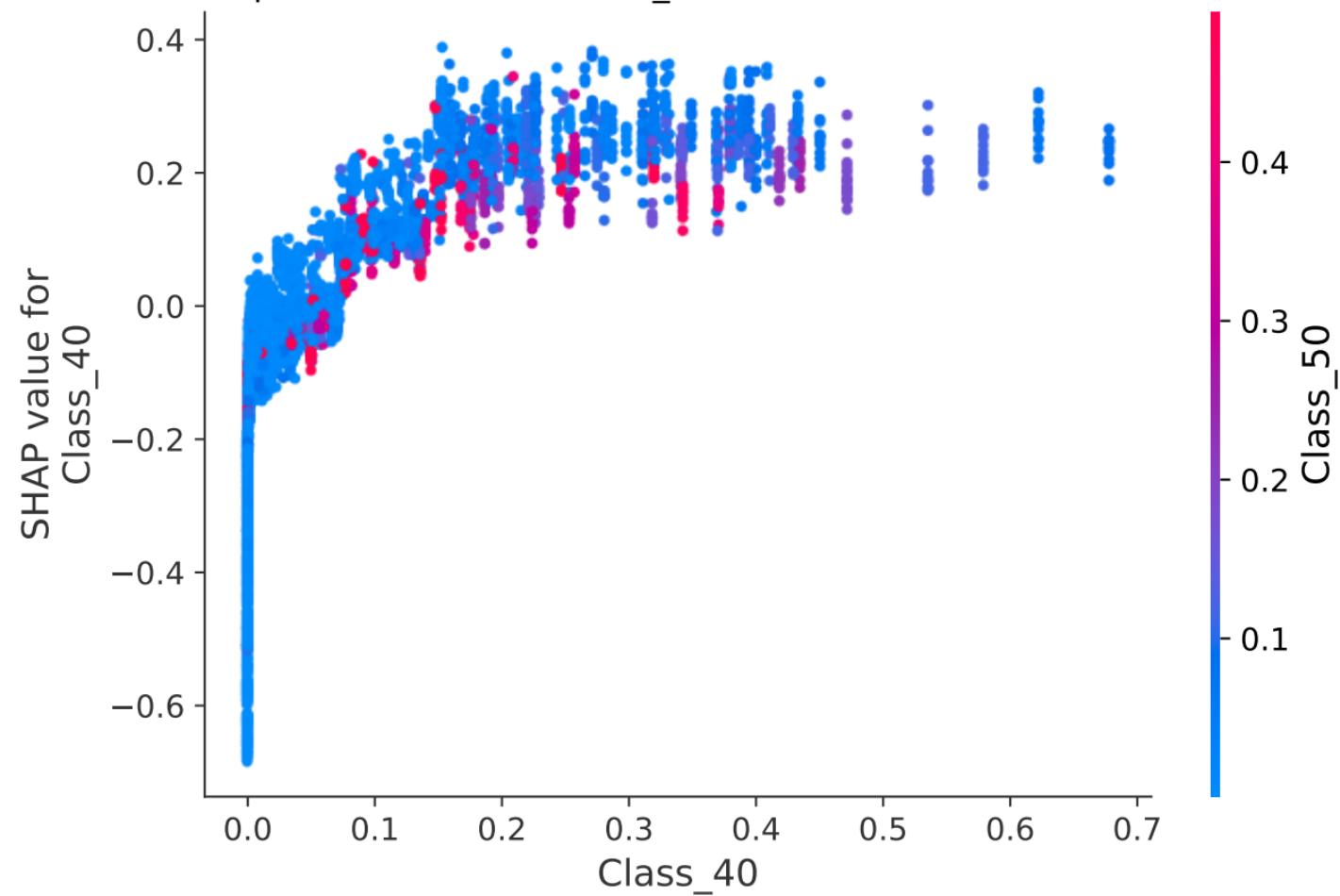
SHAP Dependence Plot for DMI_lag3, Class 0 - Nationwide (Test Set)



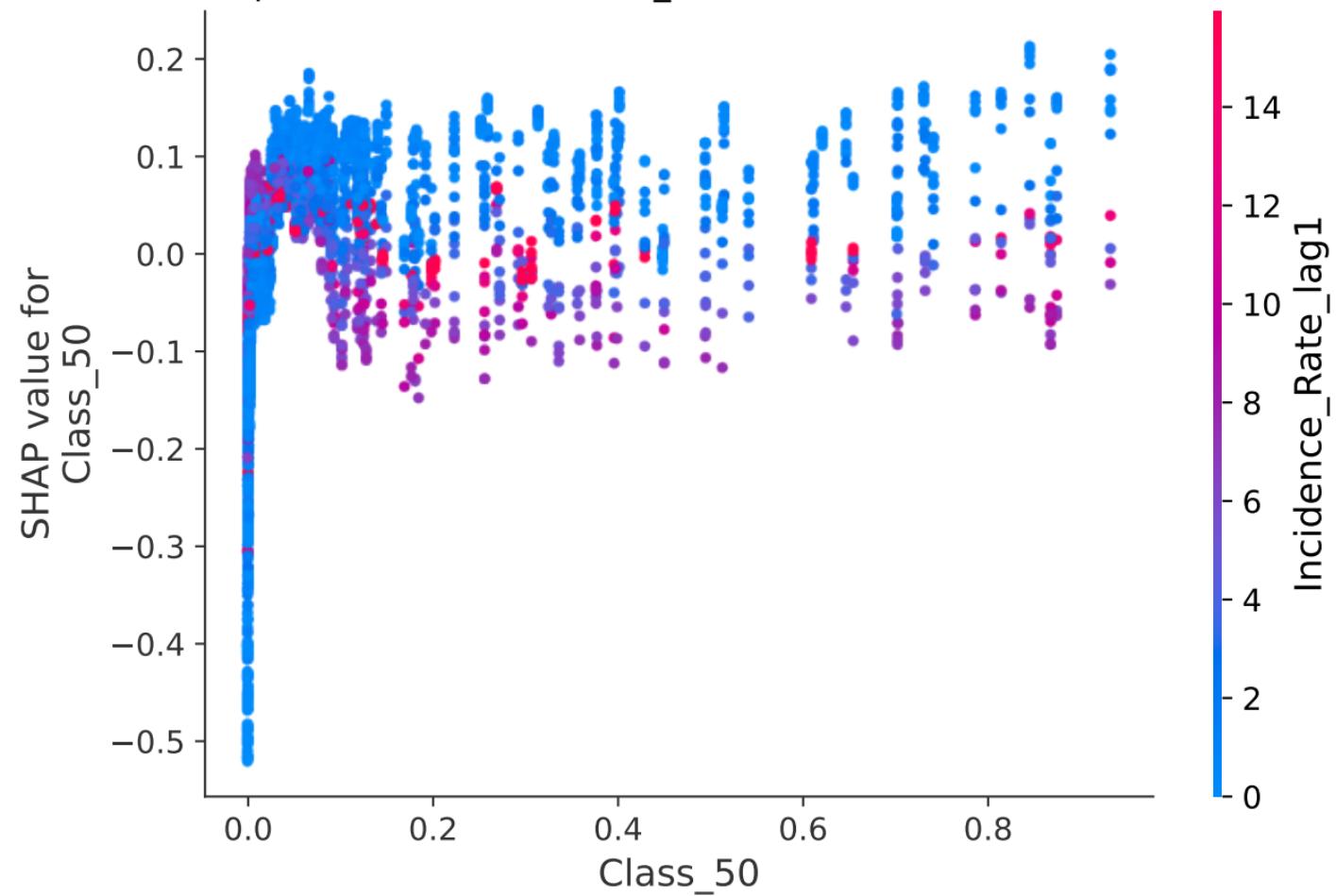
SHAP Dependence Plot for Class_20, Class 0 - Nationwide (Test Set)



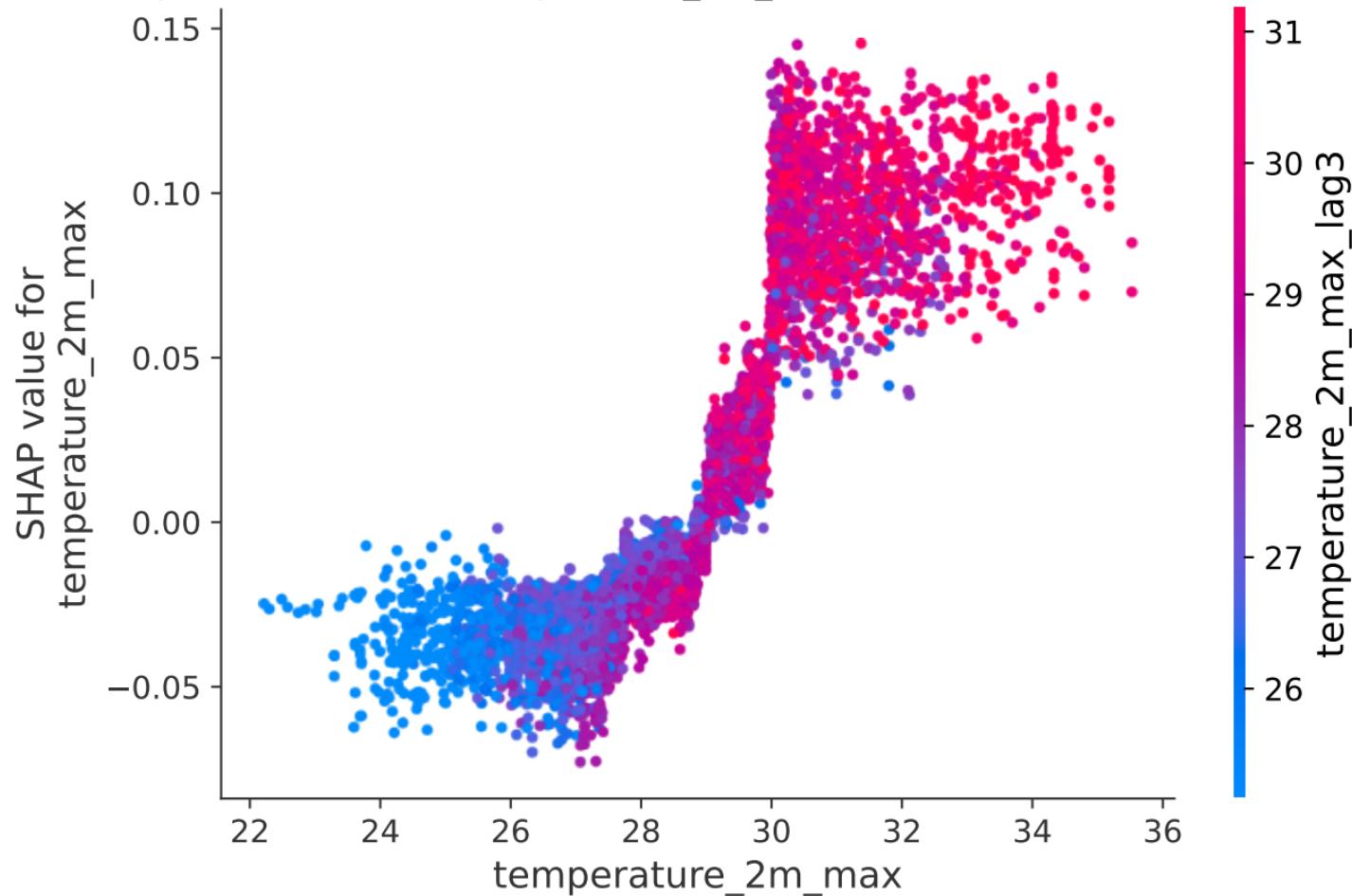
SHAP Dependence Plot for Class_40, Class 1 - Nationwide (Test Set)



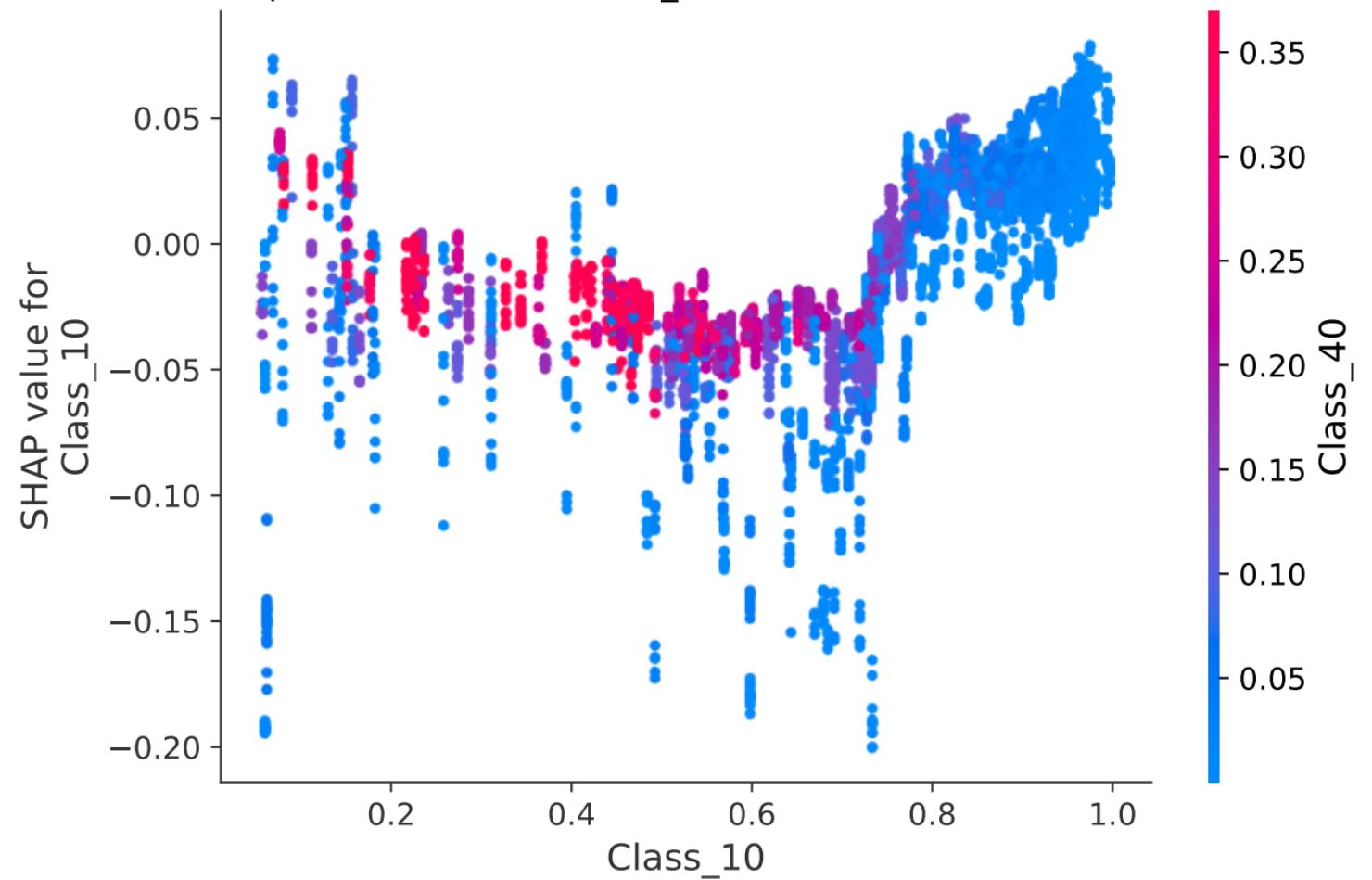
SHAP Dependence Plot for Class_50, Class 1 - Nationwide (Test Set)



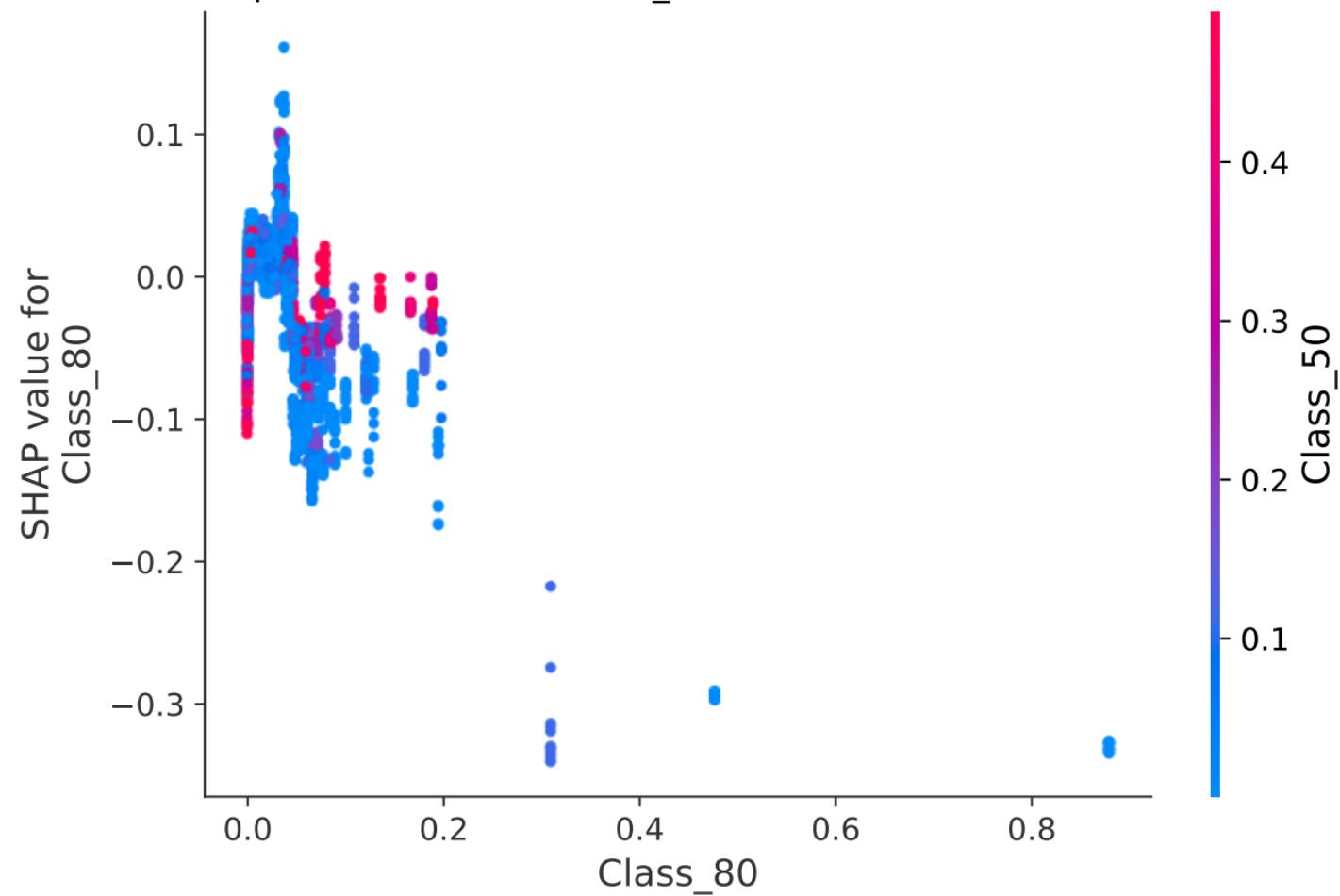
SHAP Dependence Plot for temperature_2m_max, Class 1 - Nationwide (Test Set)



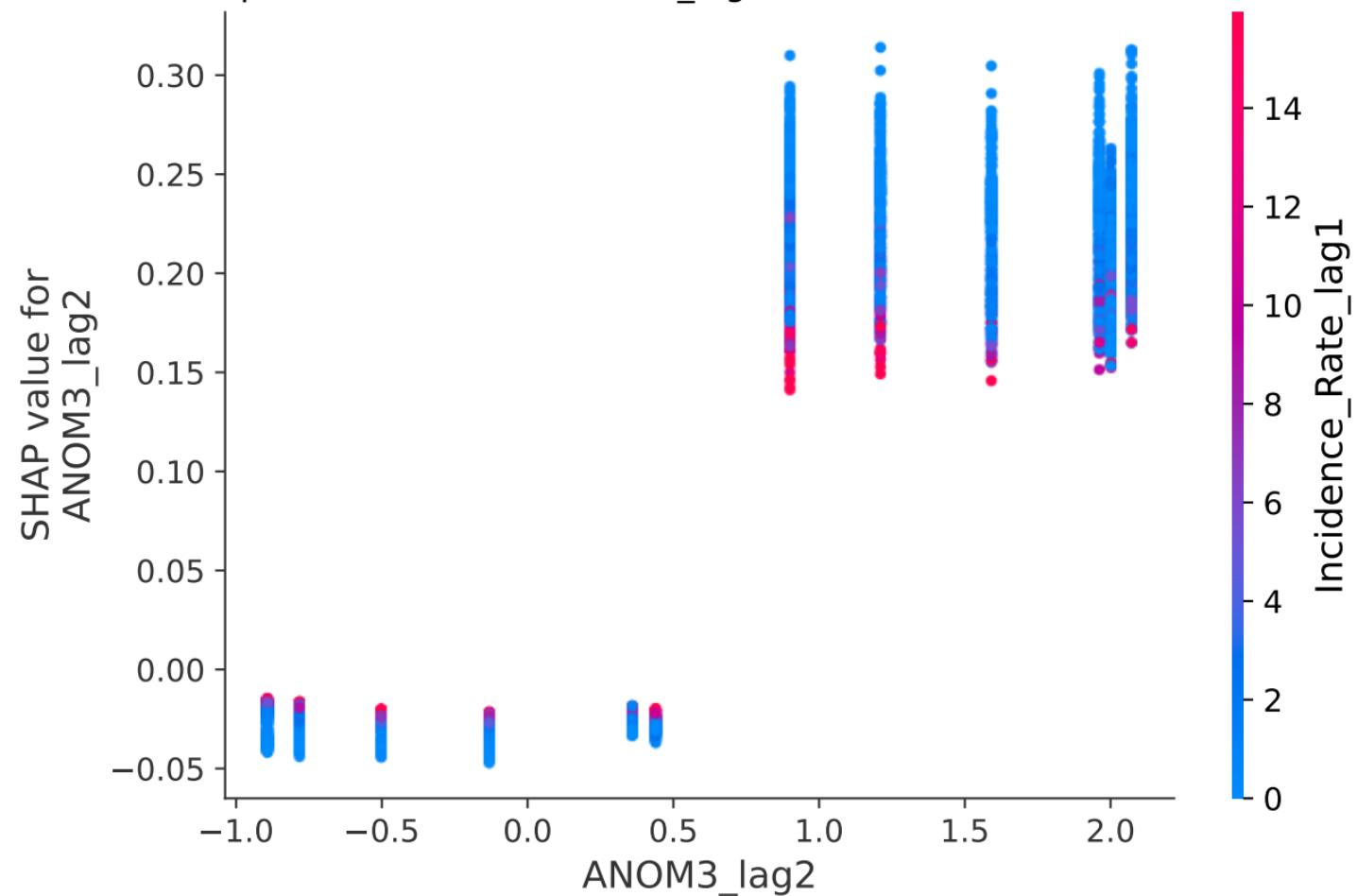
SHAP Dependence Plot for Class_10, Class 1 - Nationwide (Test Set)



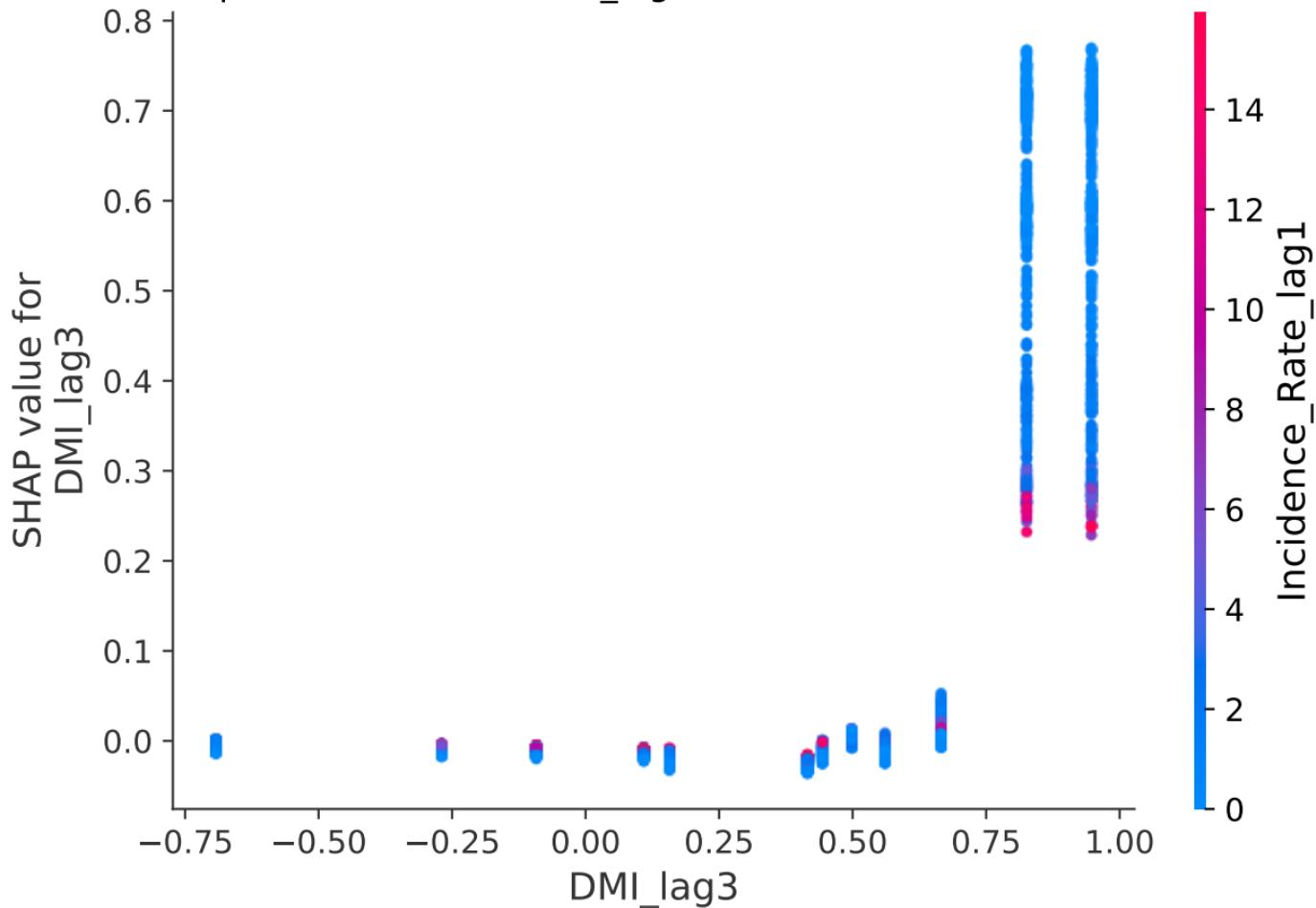
SHAP Dependence Plot for Class_80, Class 1 - Nationwide (Test Set)



SHAP Dependence Plot for ANOM3_lag2, Class 2 - Nationwide (Test Set)

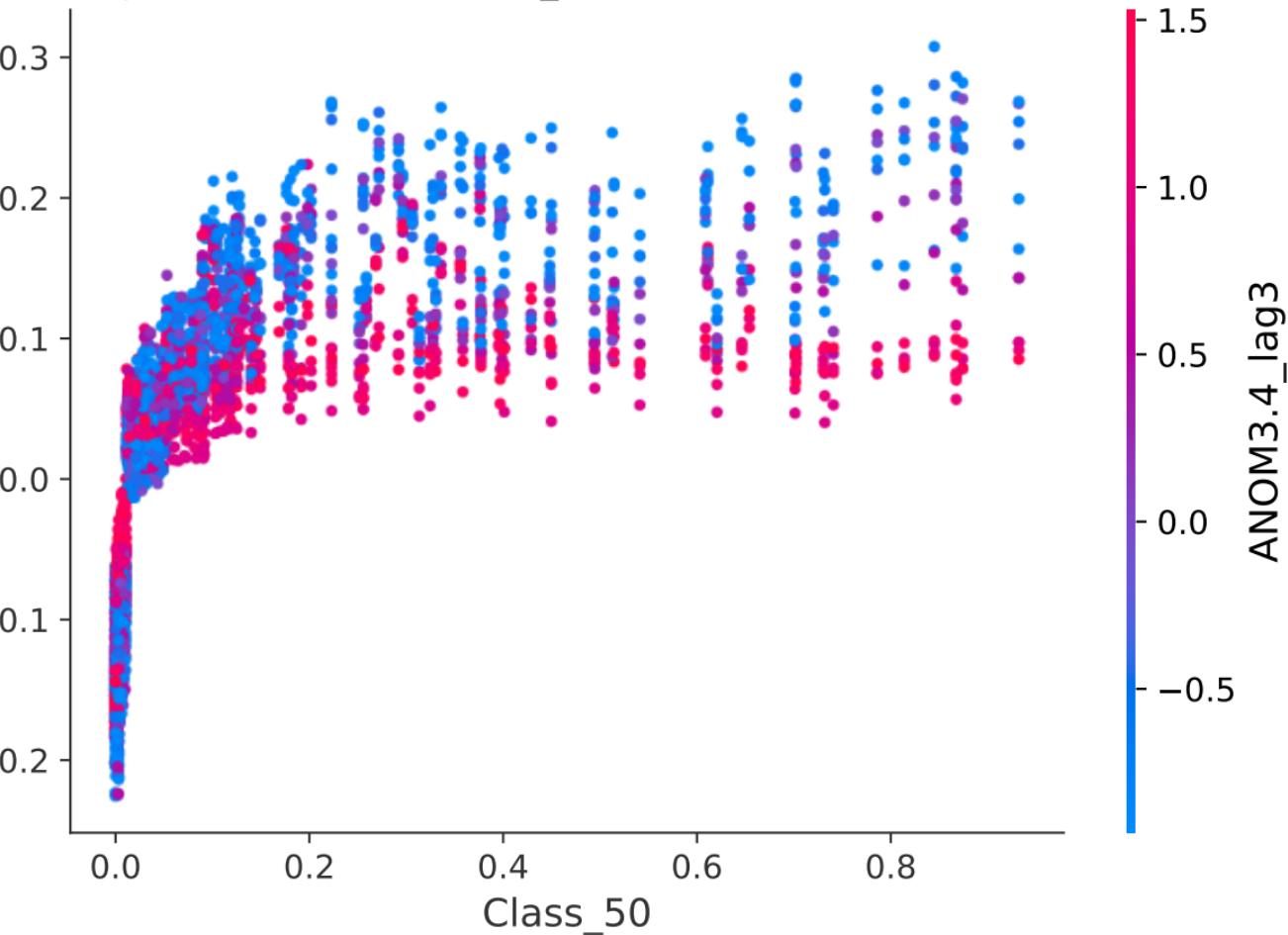


SHAP Dependence Plot for DMI_lag3, Class 2 - Nationwide (Test Set)

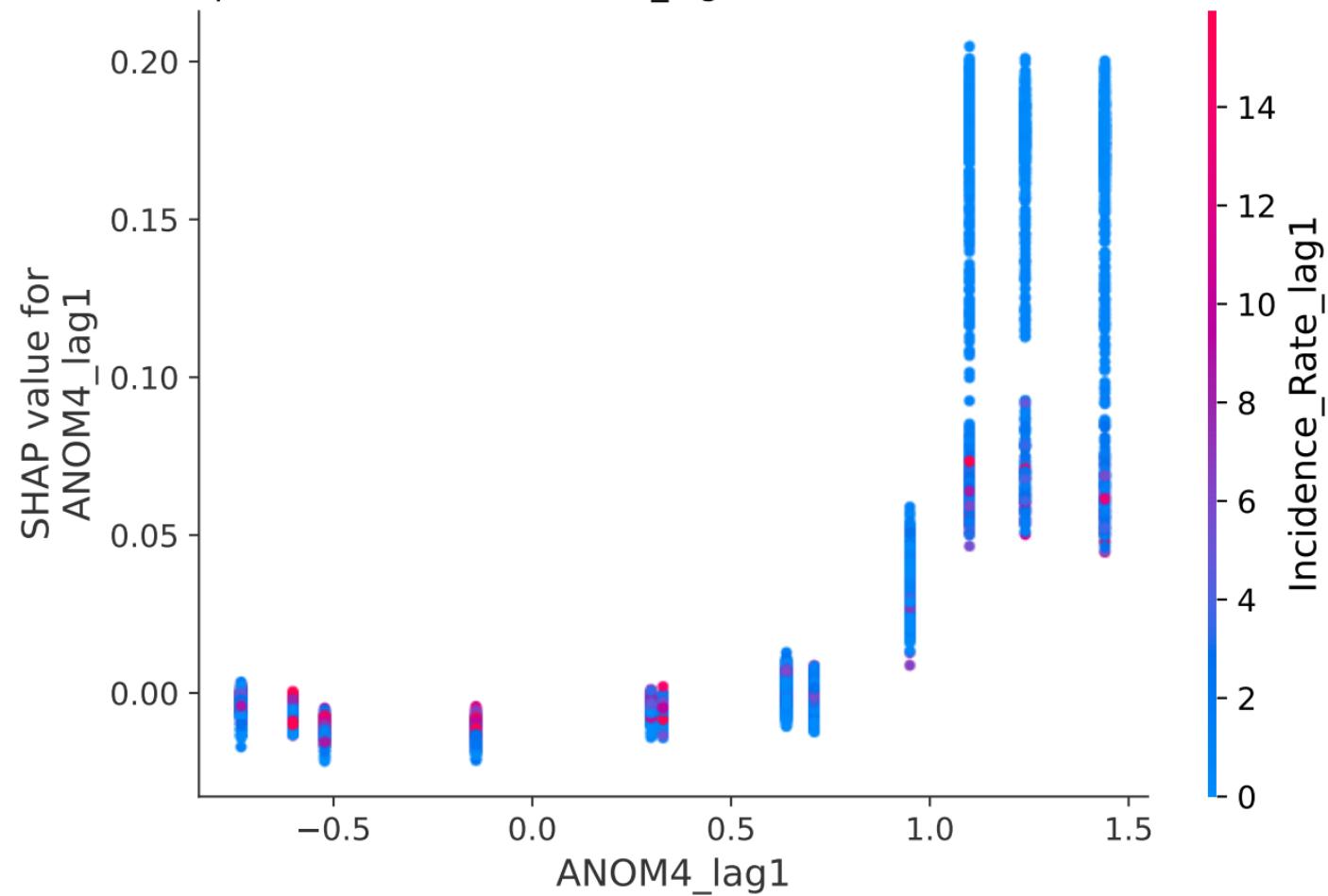


SHAP Dependence Plot for Class_50, Class 2 - Nationwide (Test Set)

SHAP value for
Class_50



SHAP Dependence Plot for ANOM4_lag1, Class 2 - Nationwide (Test Set)



SHAP Dependence Plot for precipitation, Class 2 - Nationwide (Test Set)

