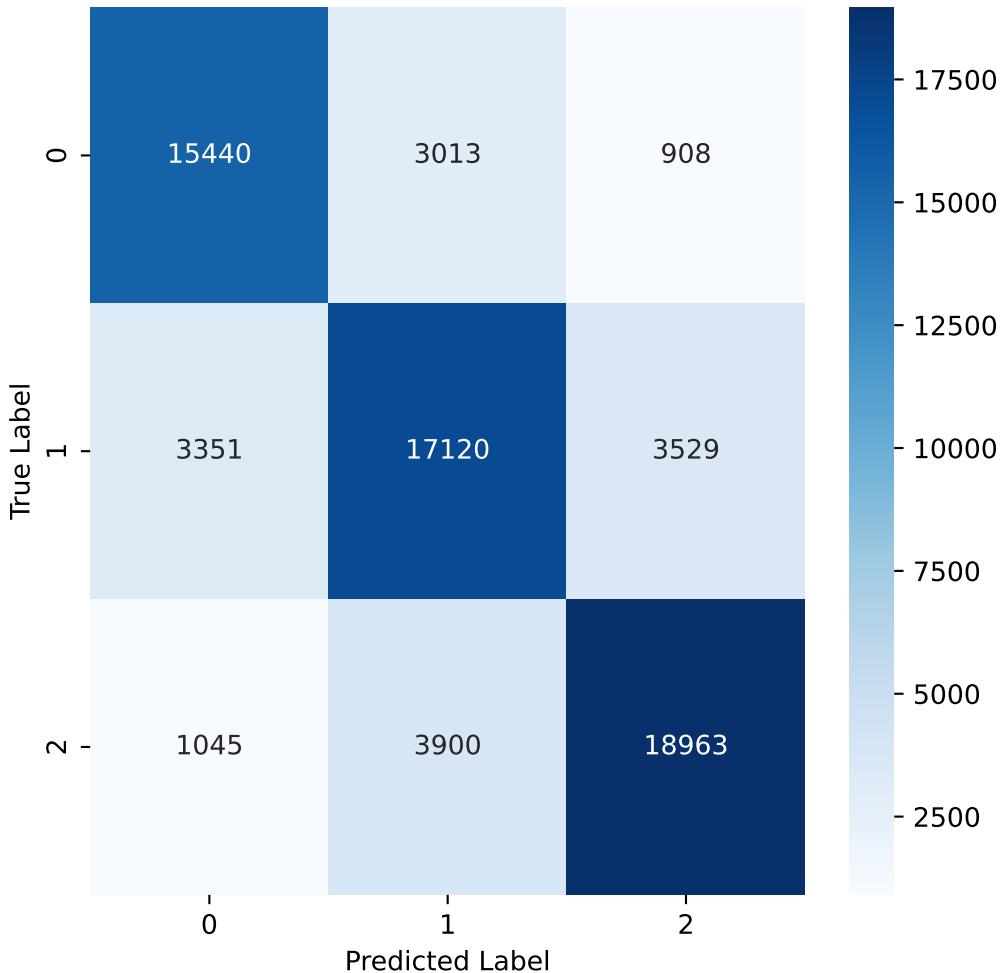
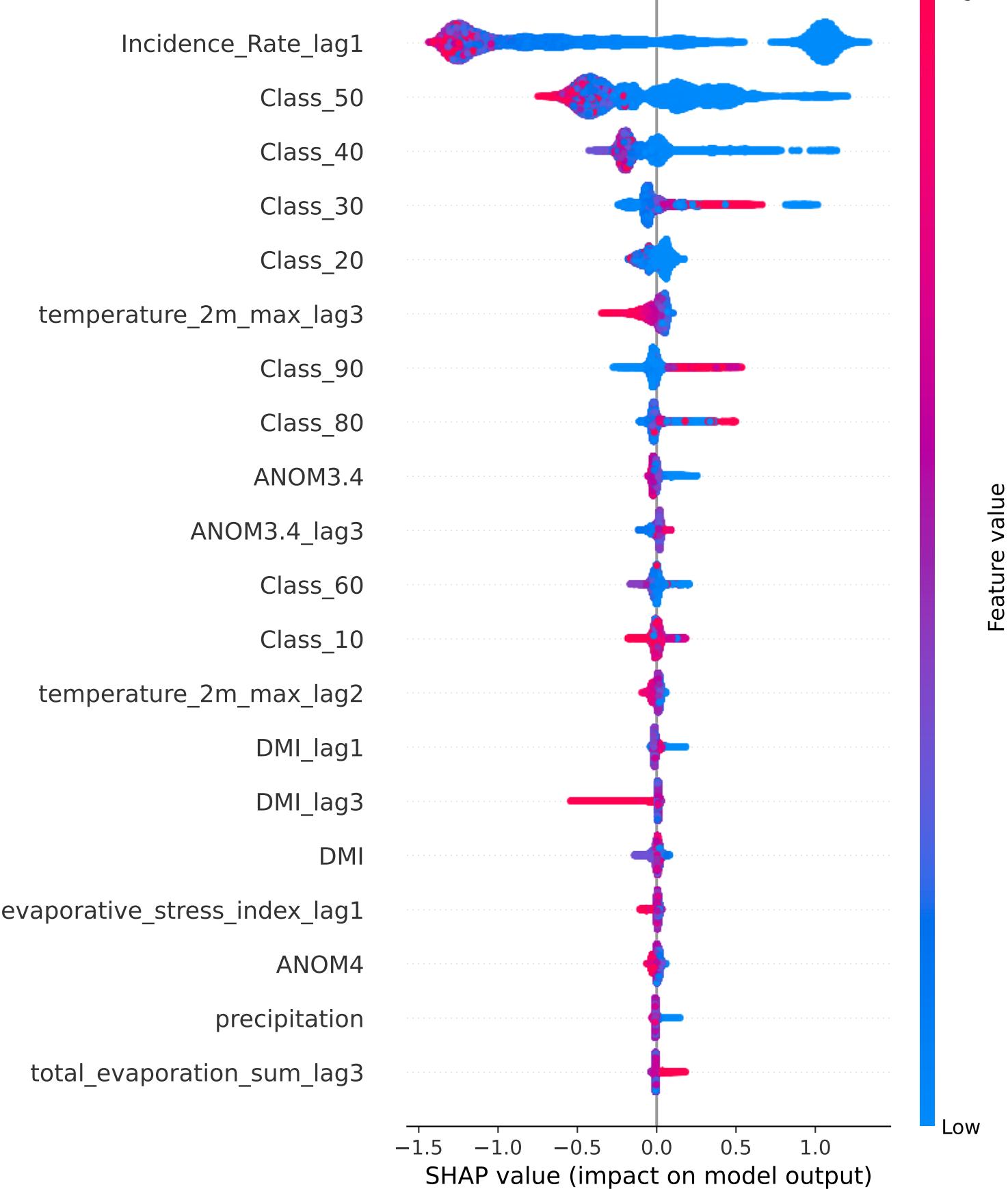


Confusion Matrix - Nationwide (Train_Val Set)



SHAP Beeswarm Plot for Class 0 - Nationwide (Train_Val_Set)

High

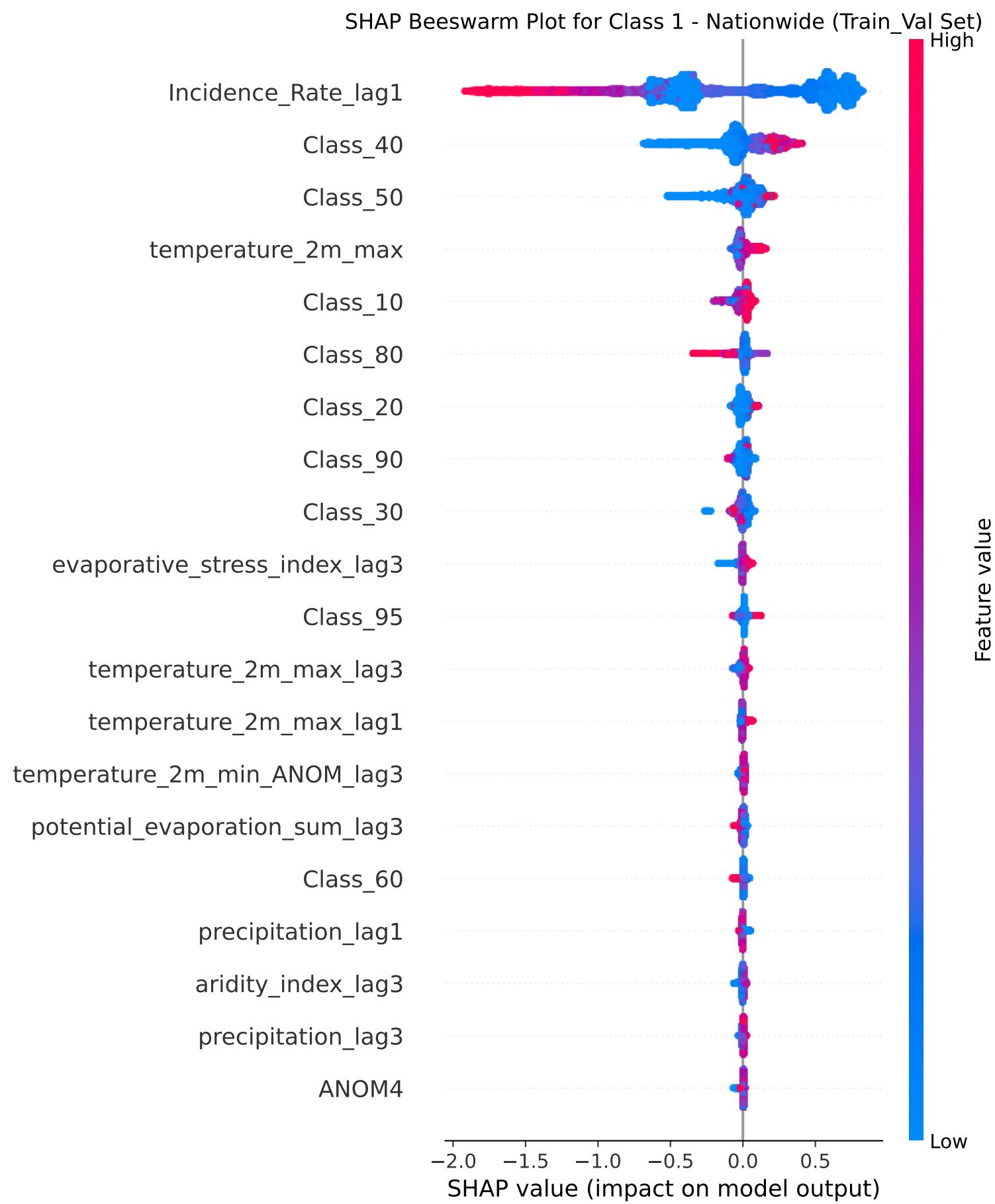


SHAP Beeswarm Plot for Class 1 - Nationwide (Train_Val Set)

High

Feature value

Low

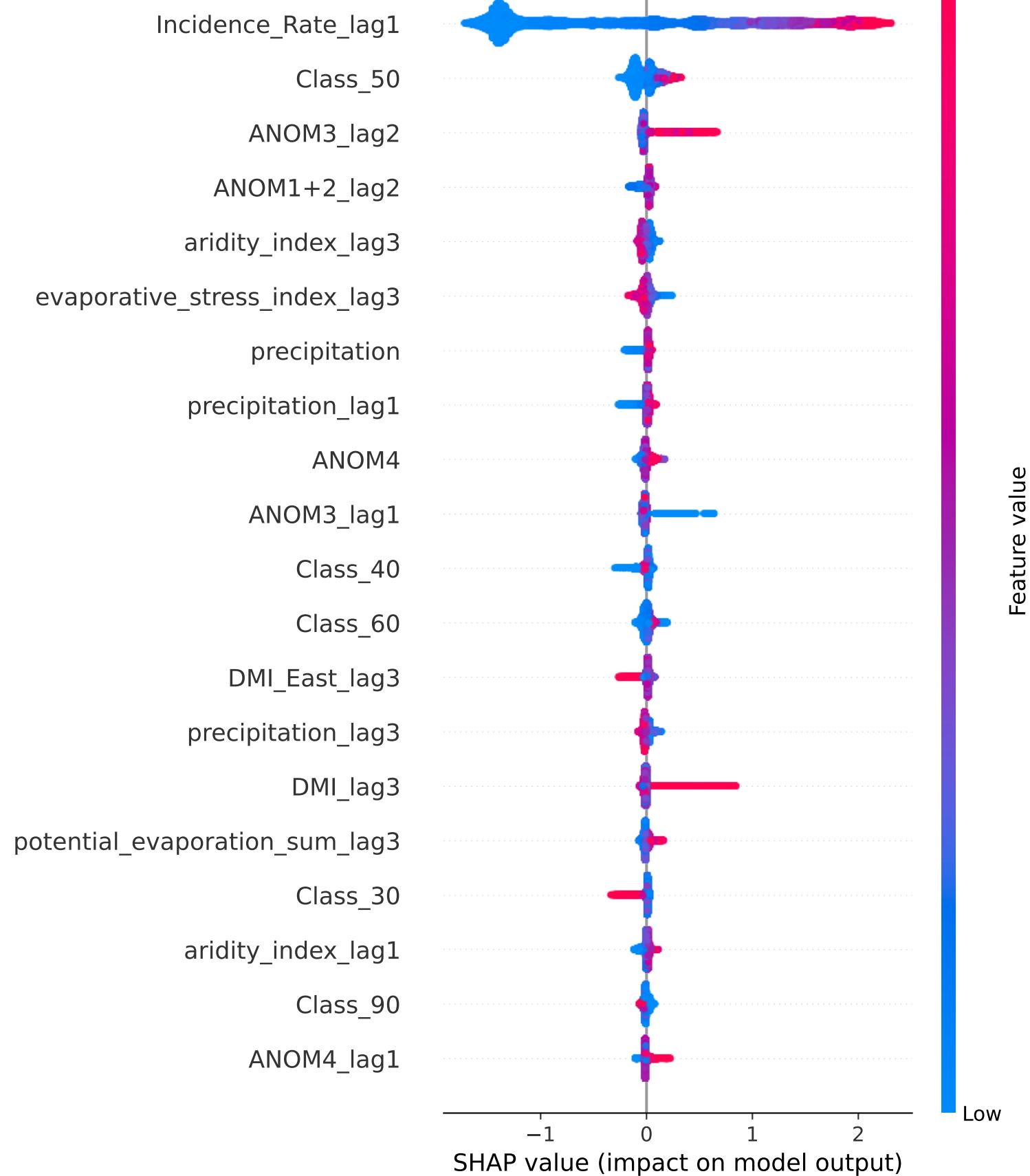


SHAP Beeswarm Plot for Class 2 - Nationwide (Train_Val Set)

High

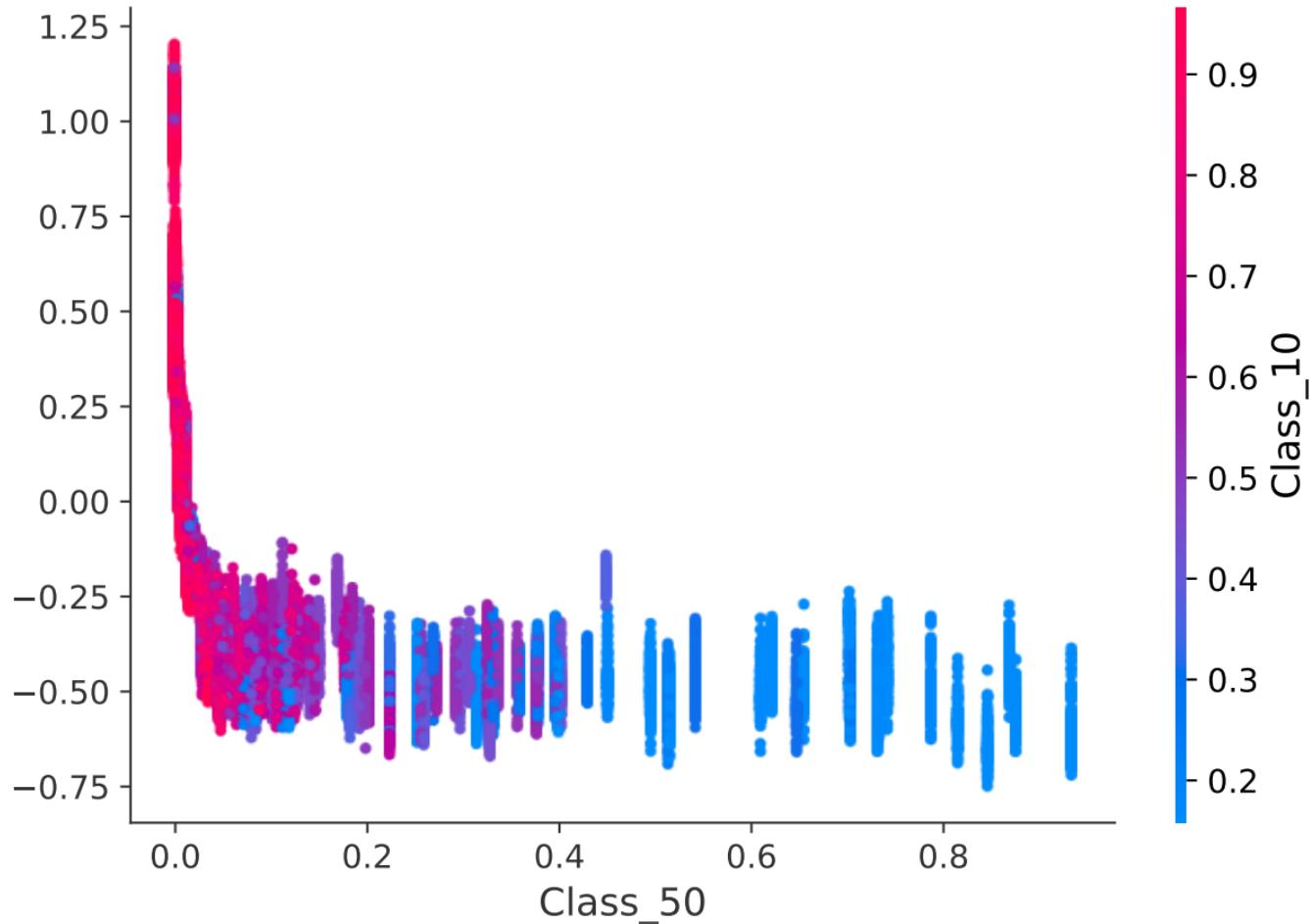
Feature value

Low



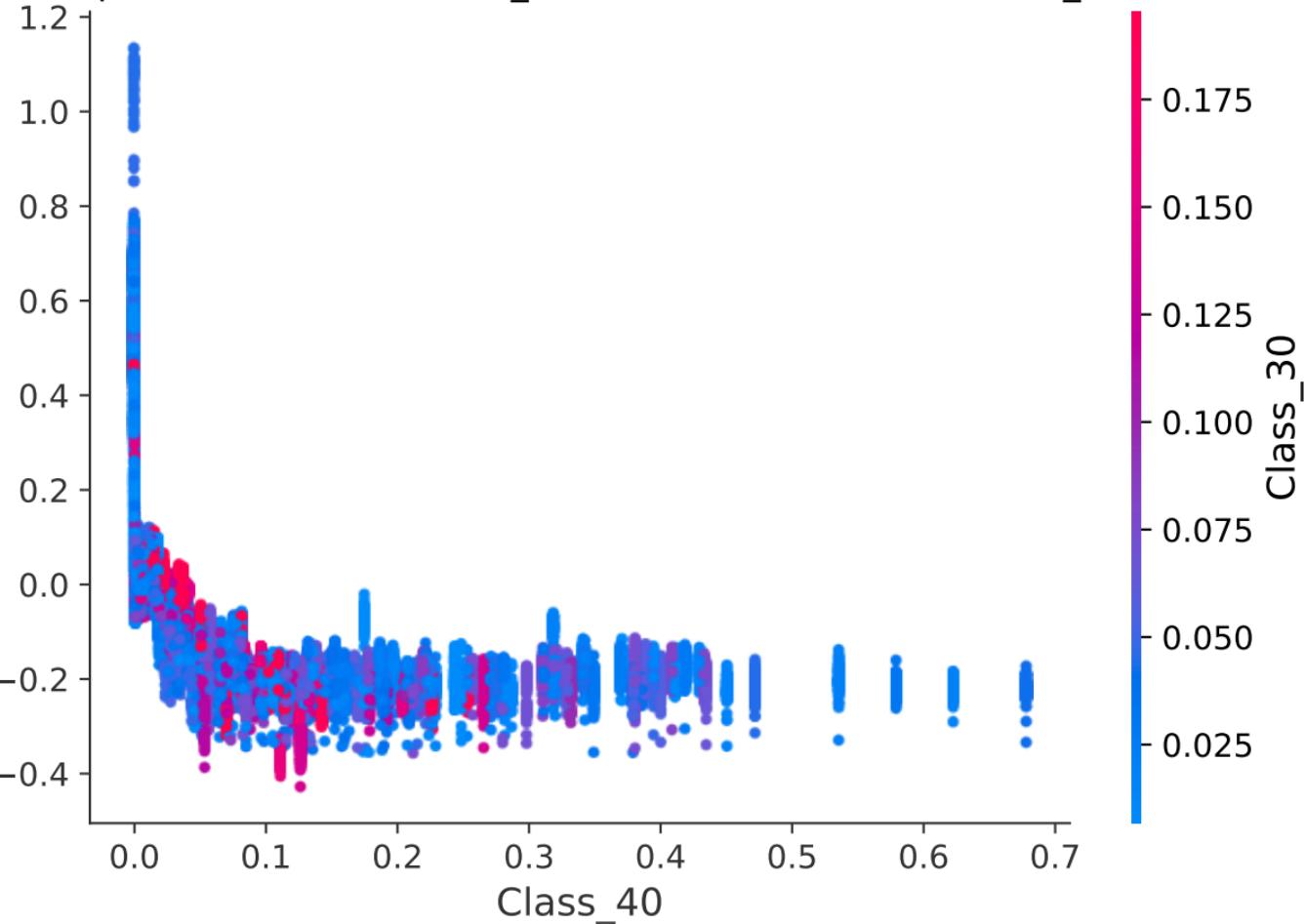
SHAP Dependence Plot for Class_50, Class 0 - Nationwide (Train_Val Set)

SHAP value for
Class_50

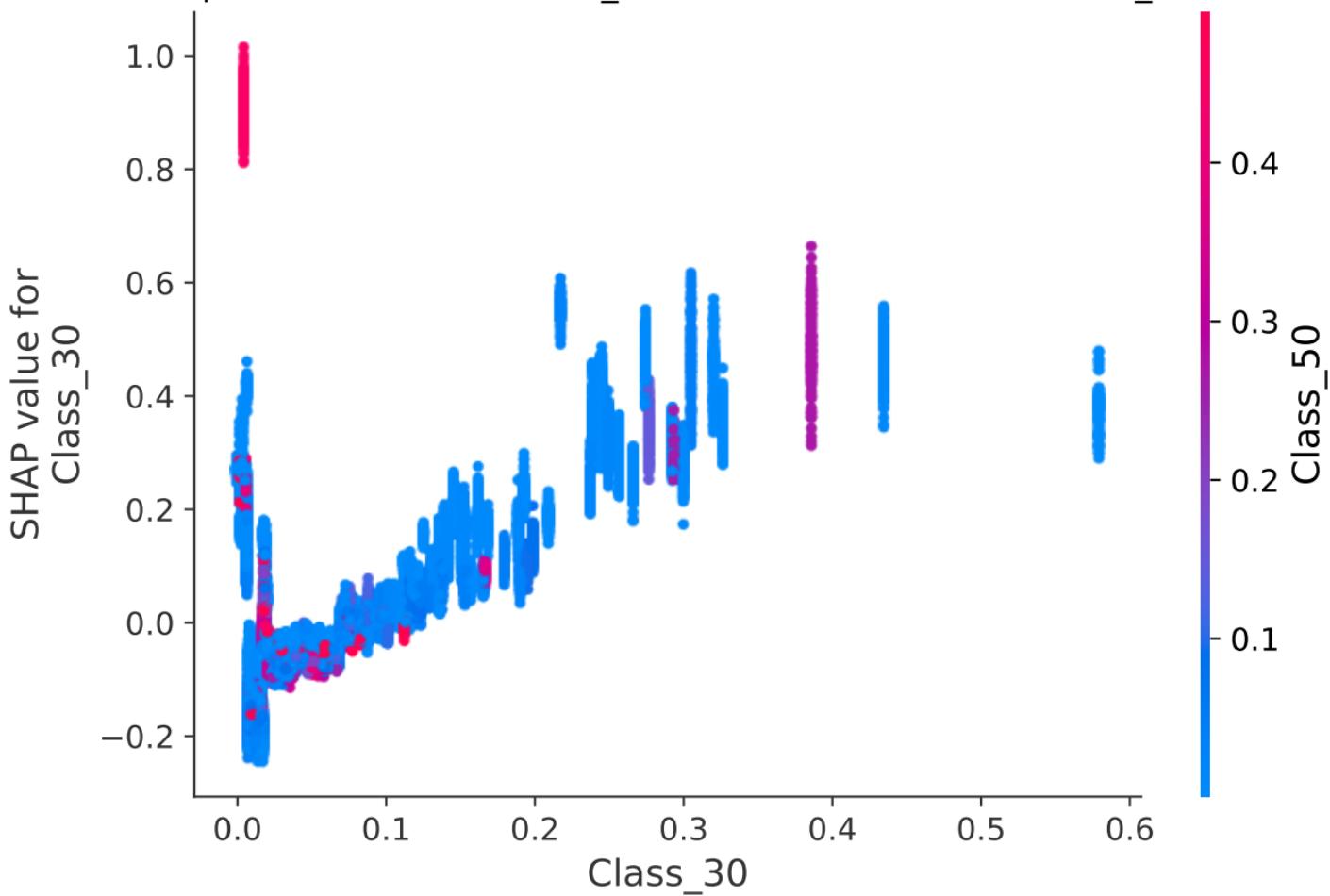


SHAP Dependence Plot for Class_40, Class 0 - Nationwide (Train_Val Set)

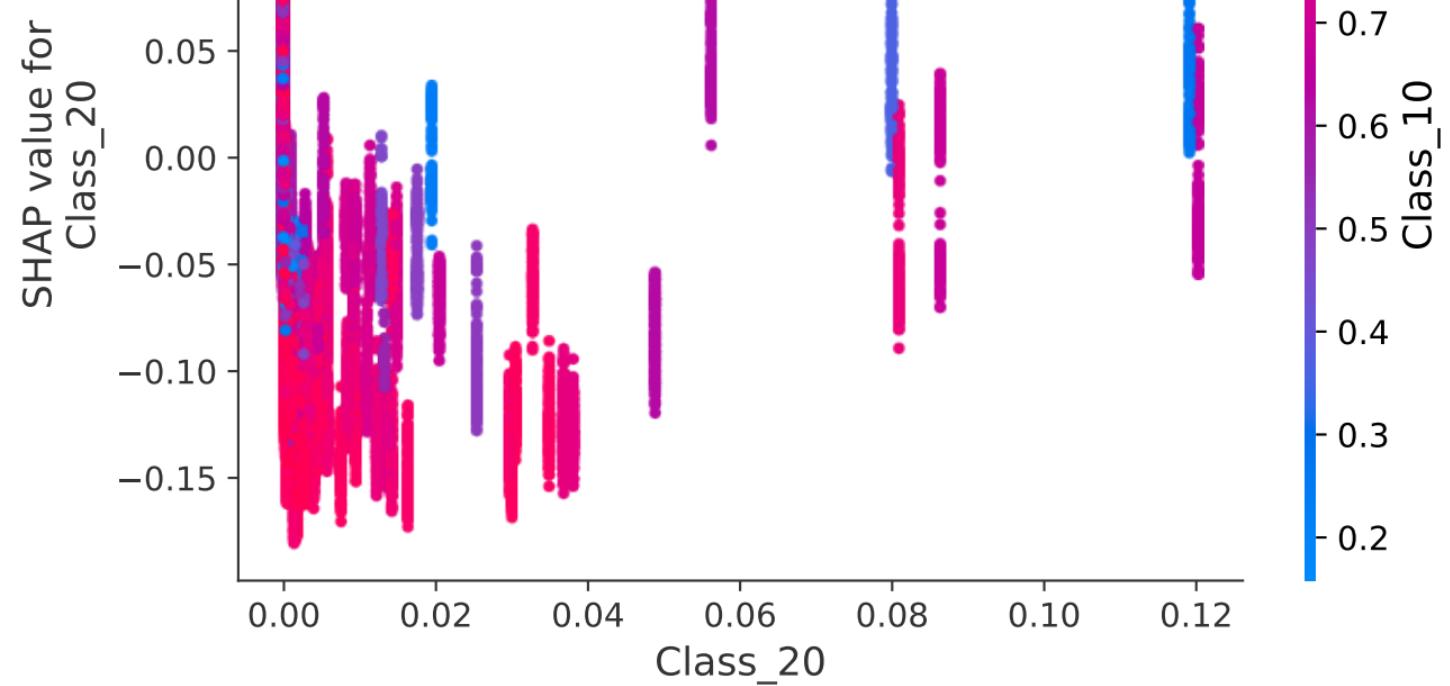
SHAP value for
Class_40



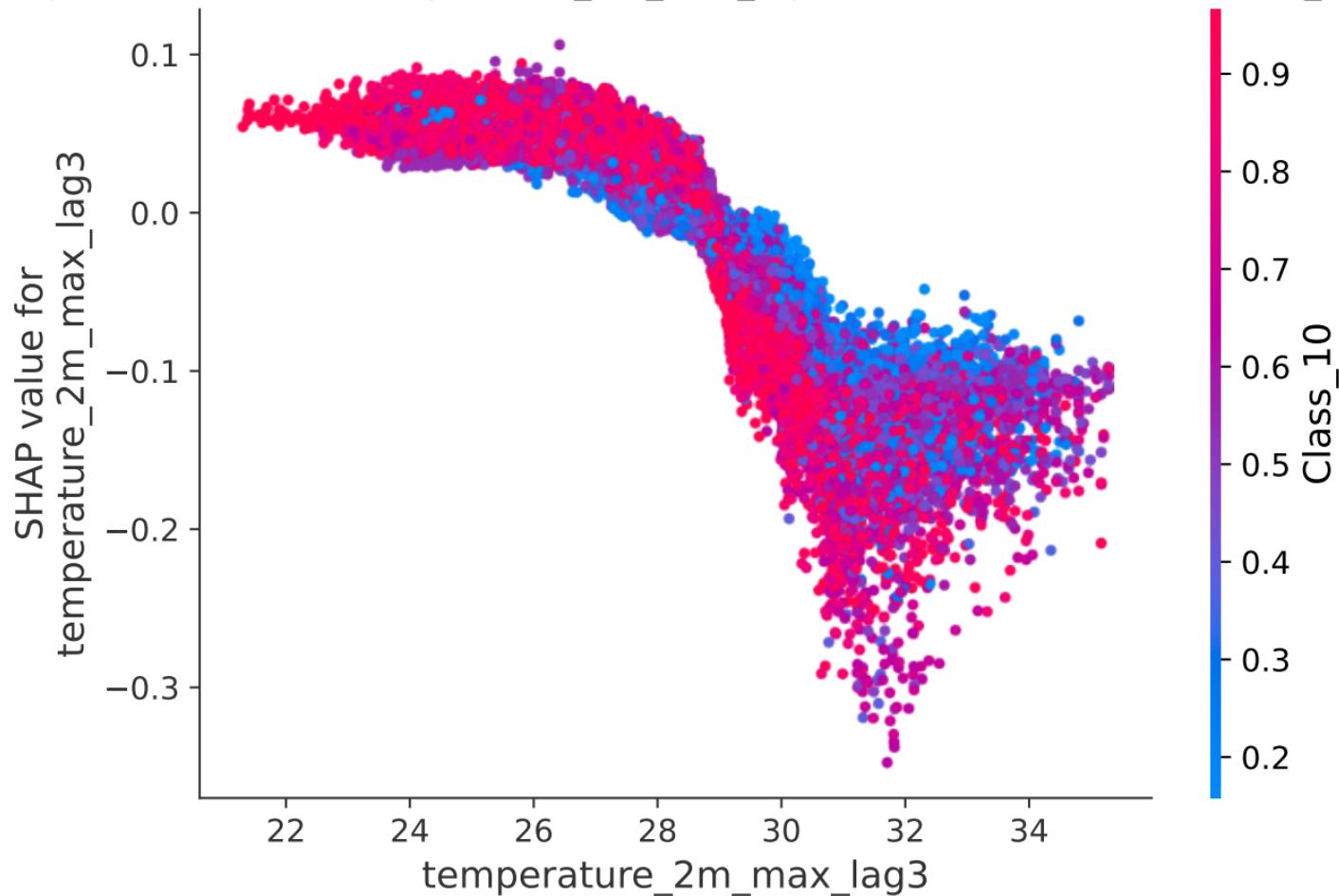
SHAP Dependence Plot for Class_30, Class 0 - Nationwide (Train_Val Set)



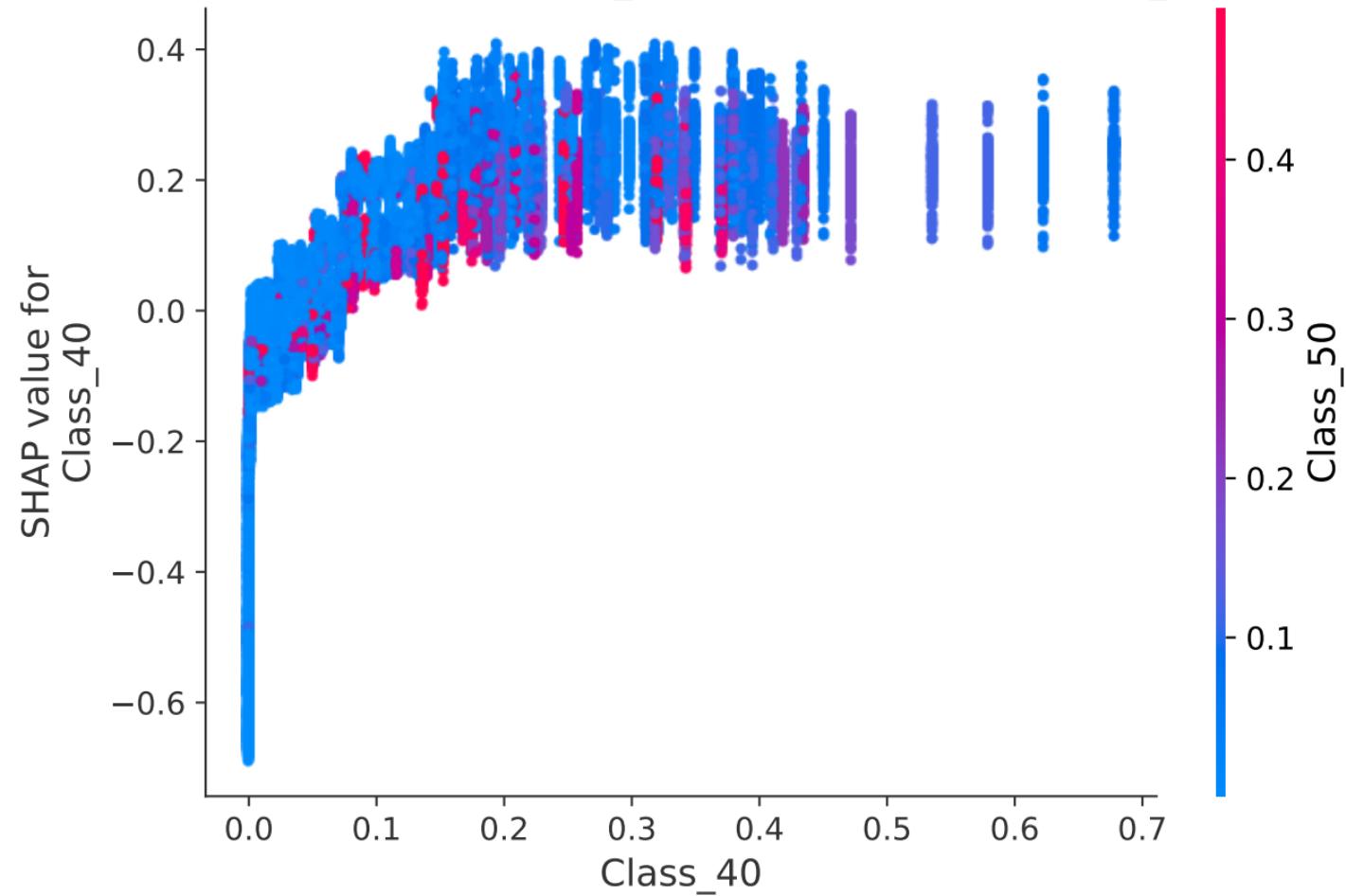
SHAP Dependence Plot for Class_20, Class 0 - Nationwide (Train_Val Set)



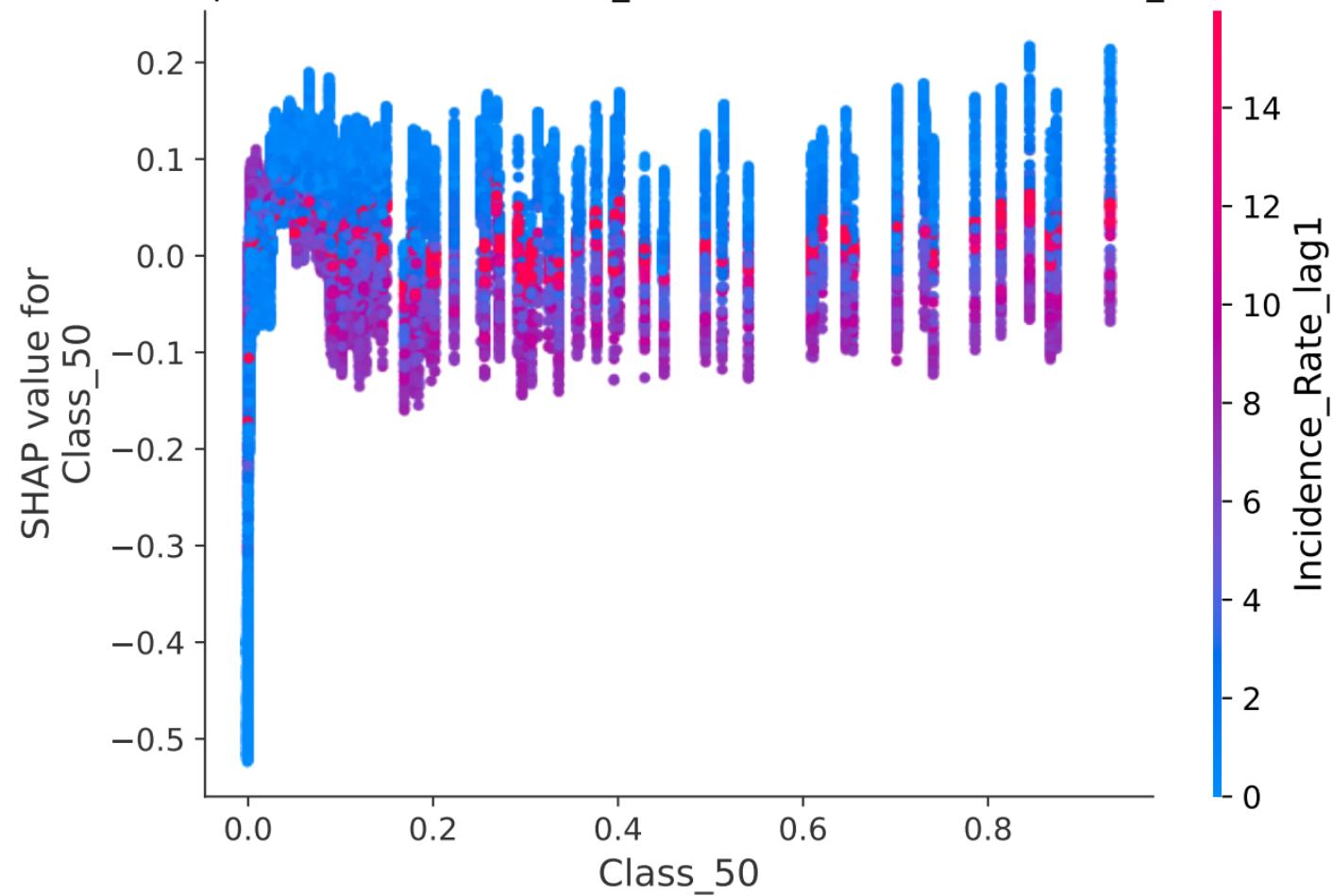
SHAP Dependence Plot for temperature_2m_max_lag3, Class 0 - Nationwide (Train_Val Set)



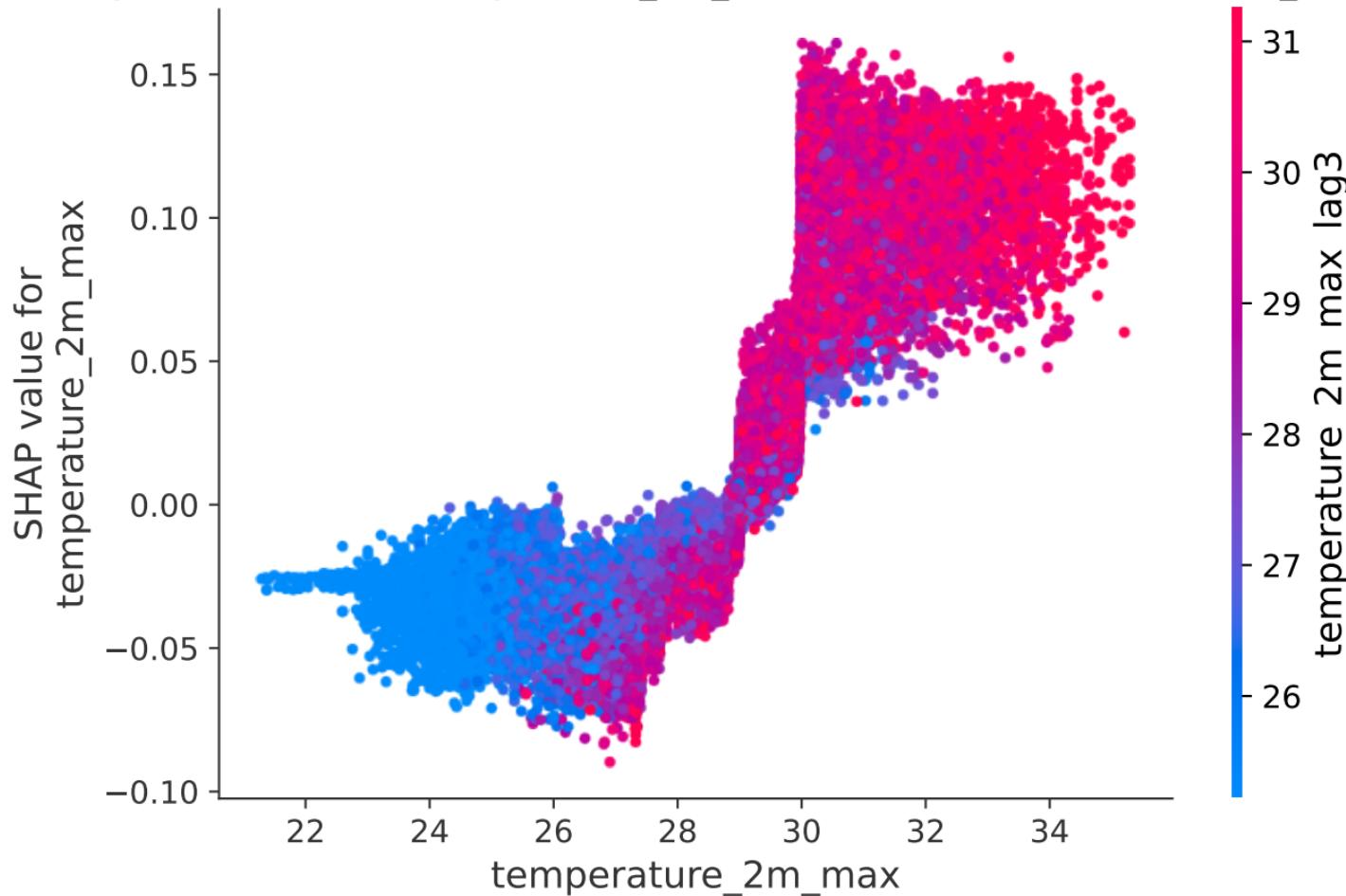
SHAP Dependence Plot for Class_40, Class 1 - Nationwide (Train_Val Set)



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



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



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

SHAP value for
Class_10

0.10

0.05

0.00

-0.05

-0.10

-0.15

-0.20

Class_40

0.35

0.30

0.25

0.20

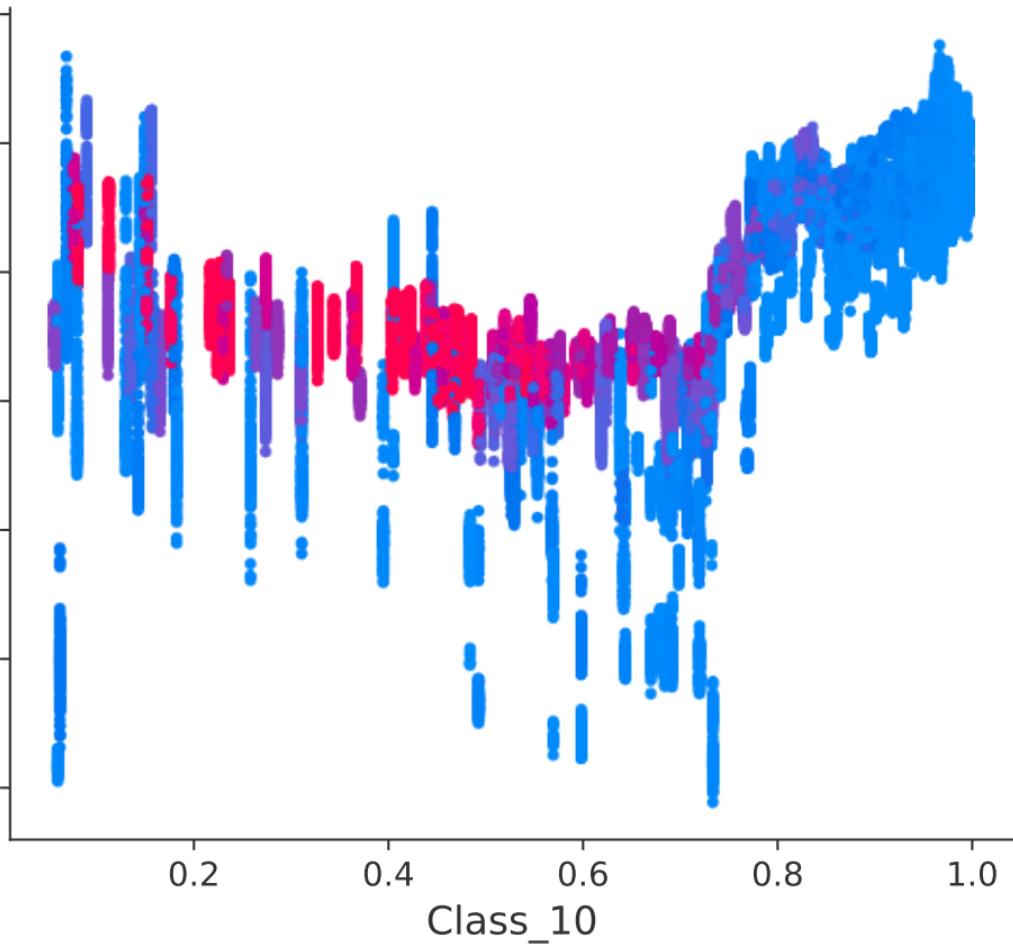
0.15

0.10

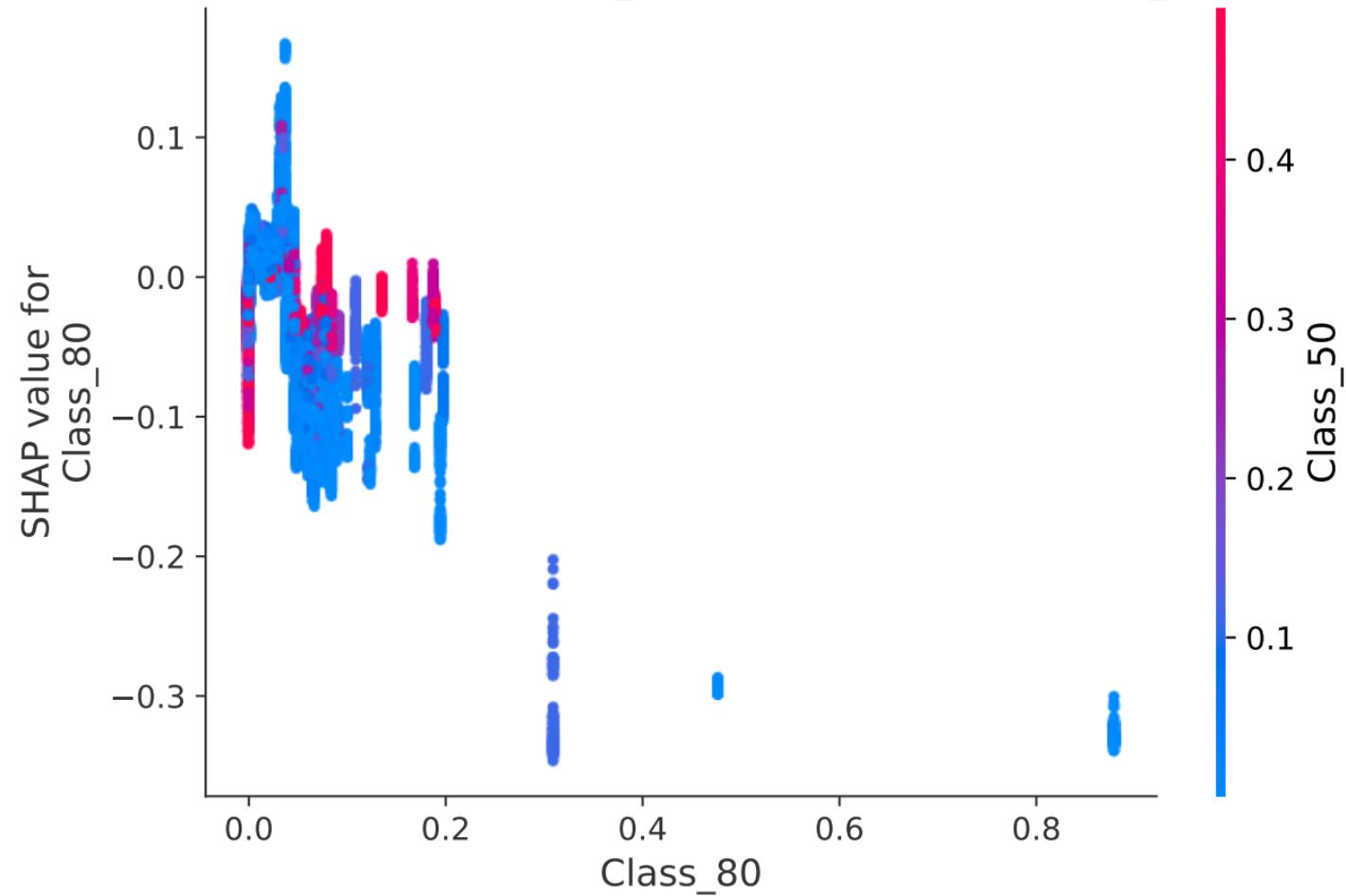
0.05

0.2 0.4 0.6 0.8 1.0

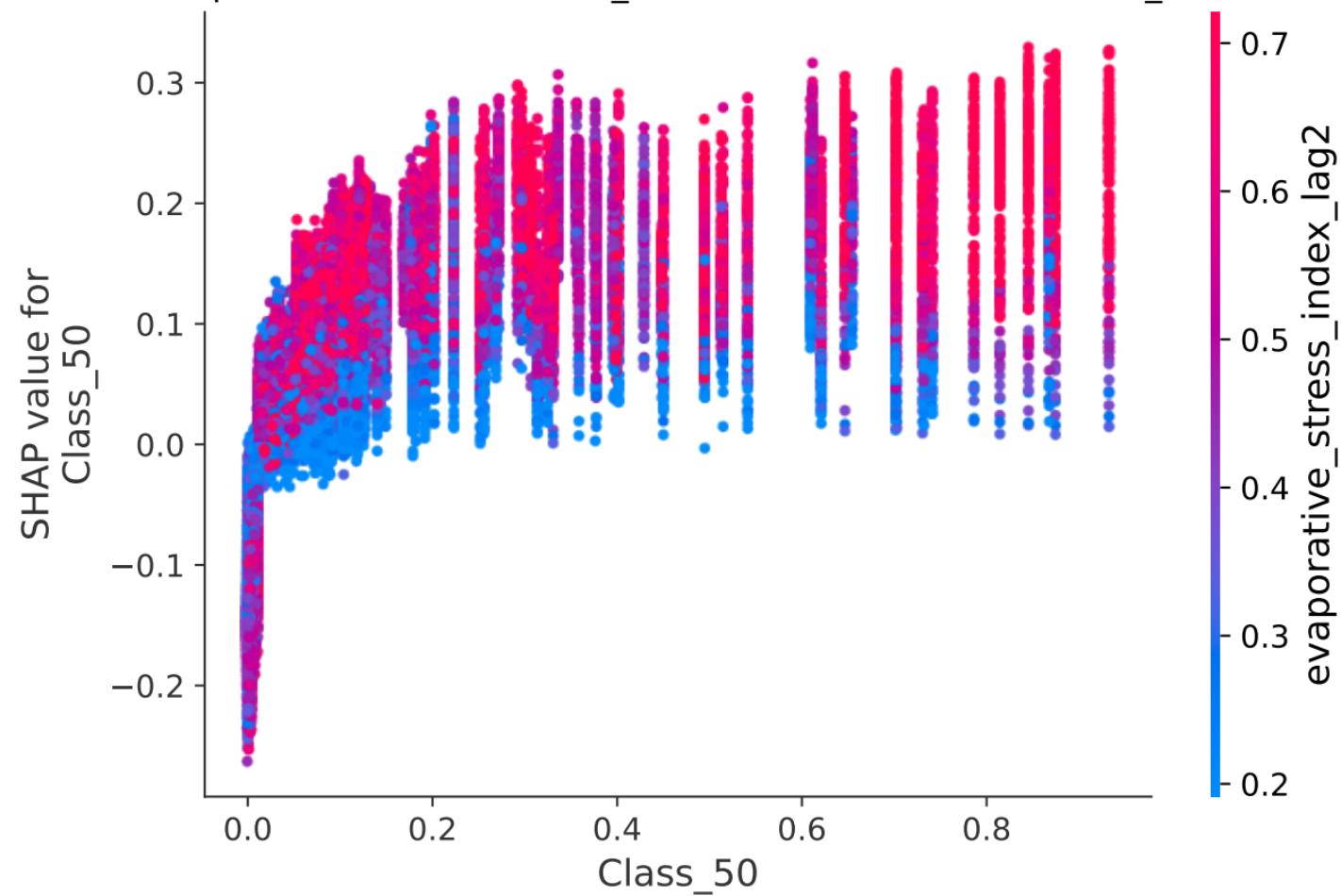
Class_10



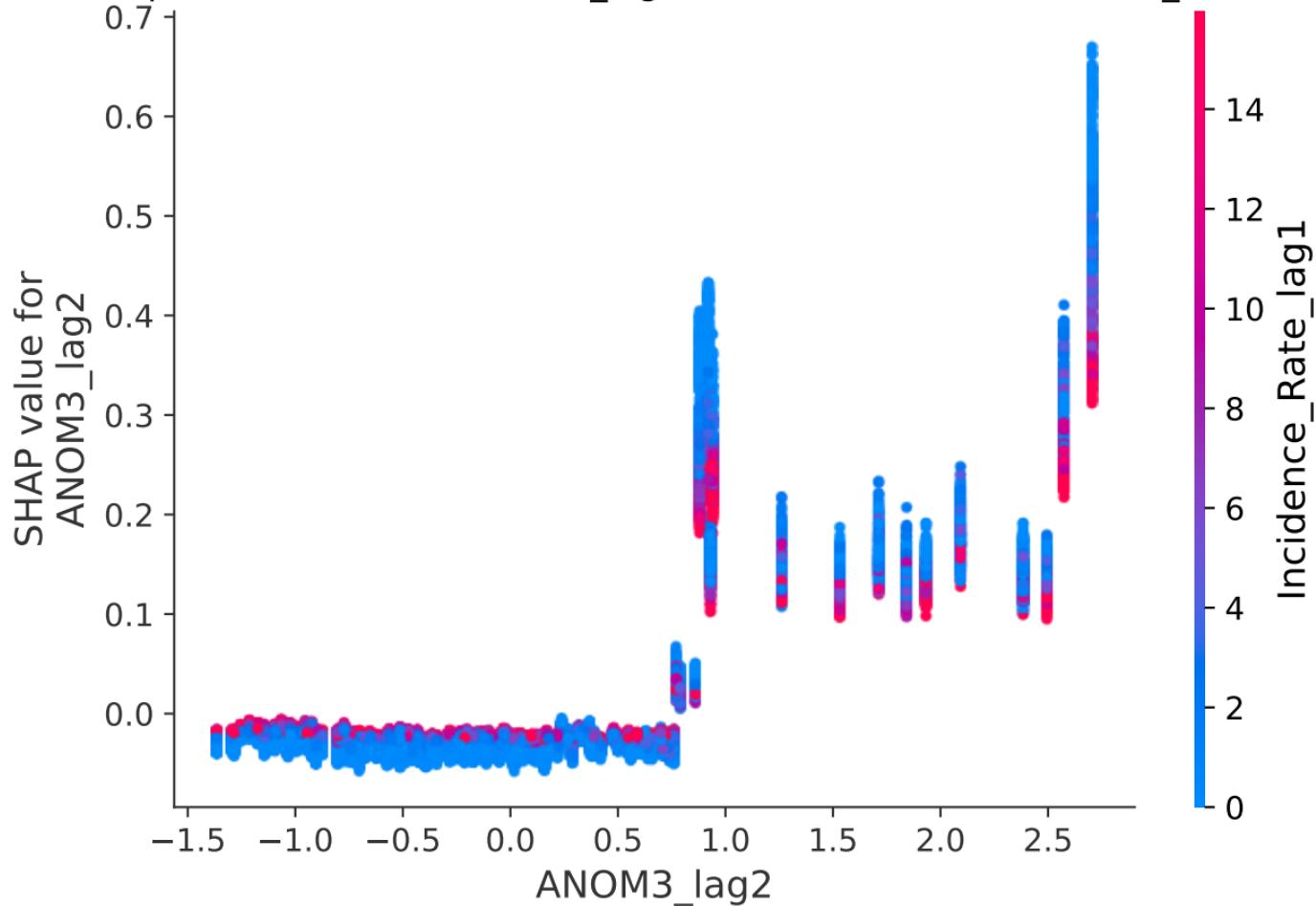
SHAP Dependence Plot for Class_80, Class 1 - Nationwide (Train_Val Set)



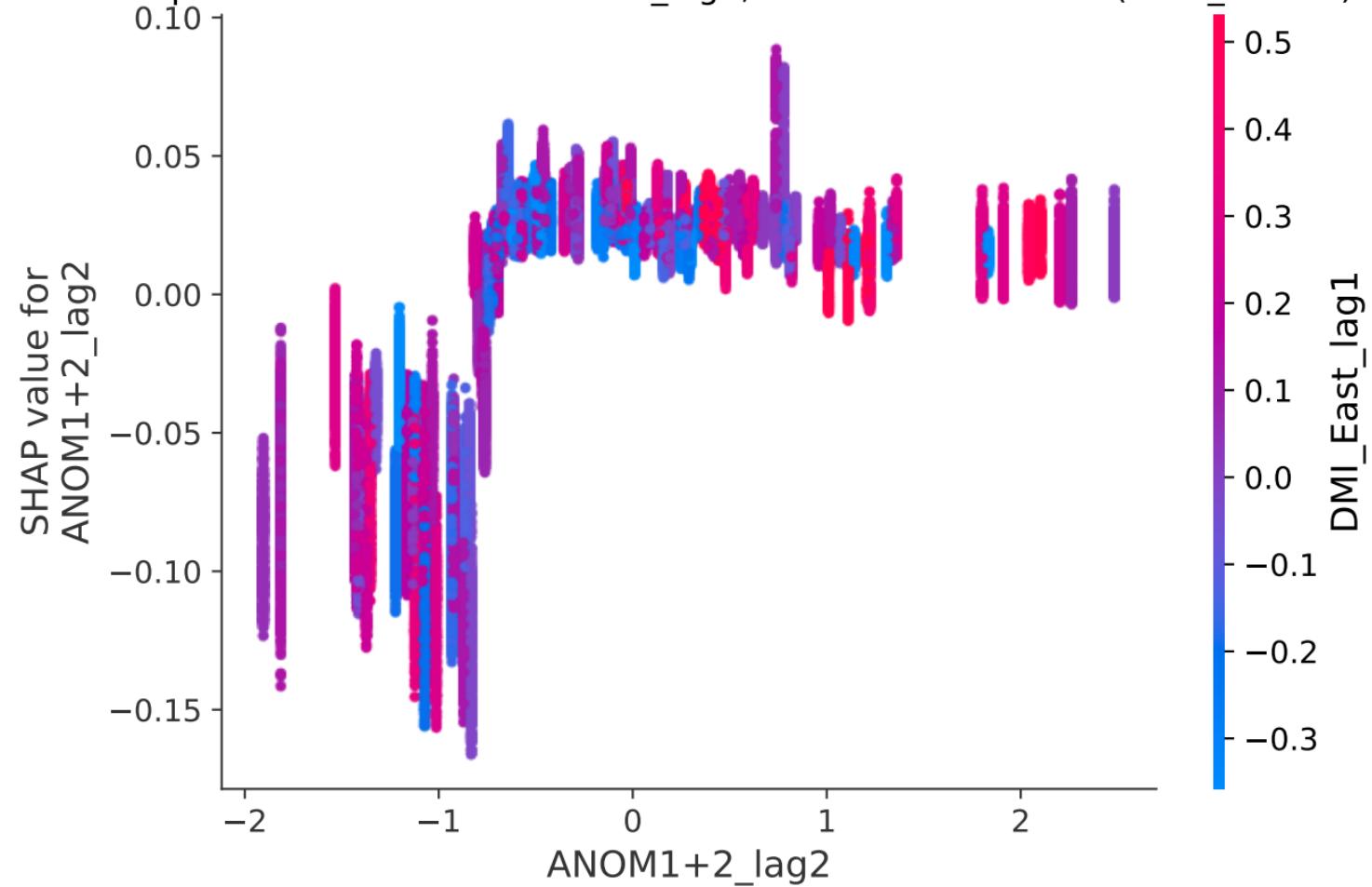
SHAP Dependence Plot for Class_50, Class 2 - Nationwide (Train_Val Set)



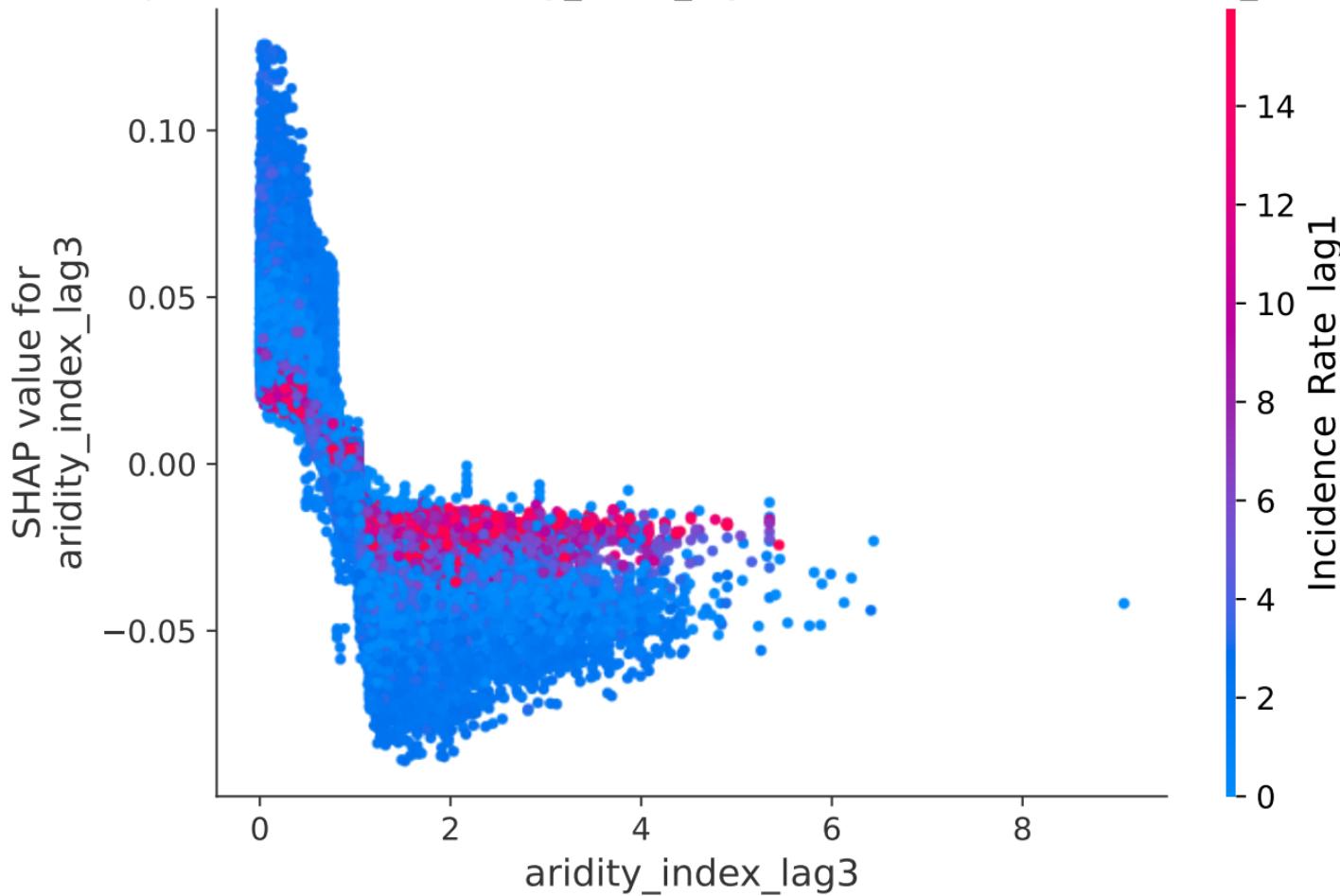
SHAP Dependence Plot for ANOM3_lag2, Class 2 - Nationwide (Train_Val Set)



SHAP Dependence Plot for ANOM1+2_lag2, Class 2 - Nationwide (Train_Val Set)



SHAP Dependence Plot for aridity_index_lag3, Class 2 - Nationwide (Train_Val Set)



SHAP Dependence Plot for evaporative_stress_index_lag3, Class 2 - Nationwide (Train_Val Set)

