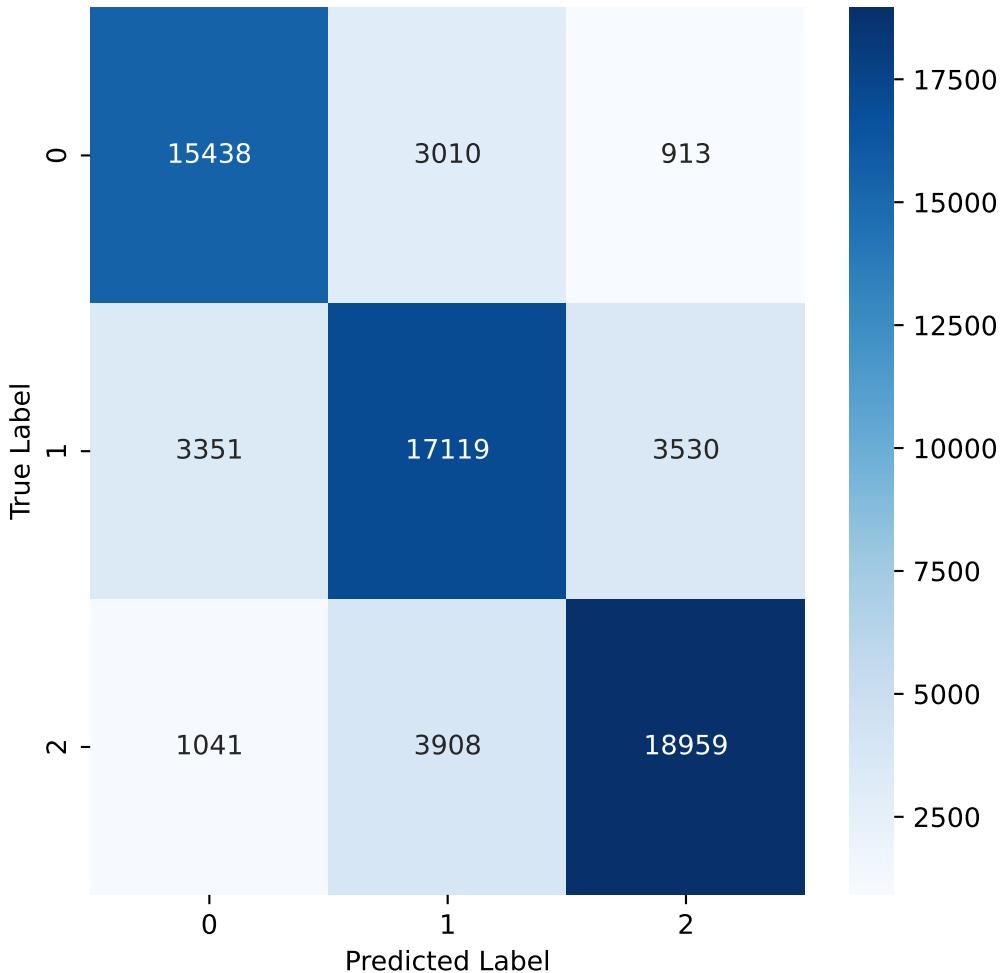
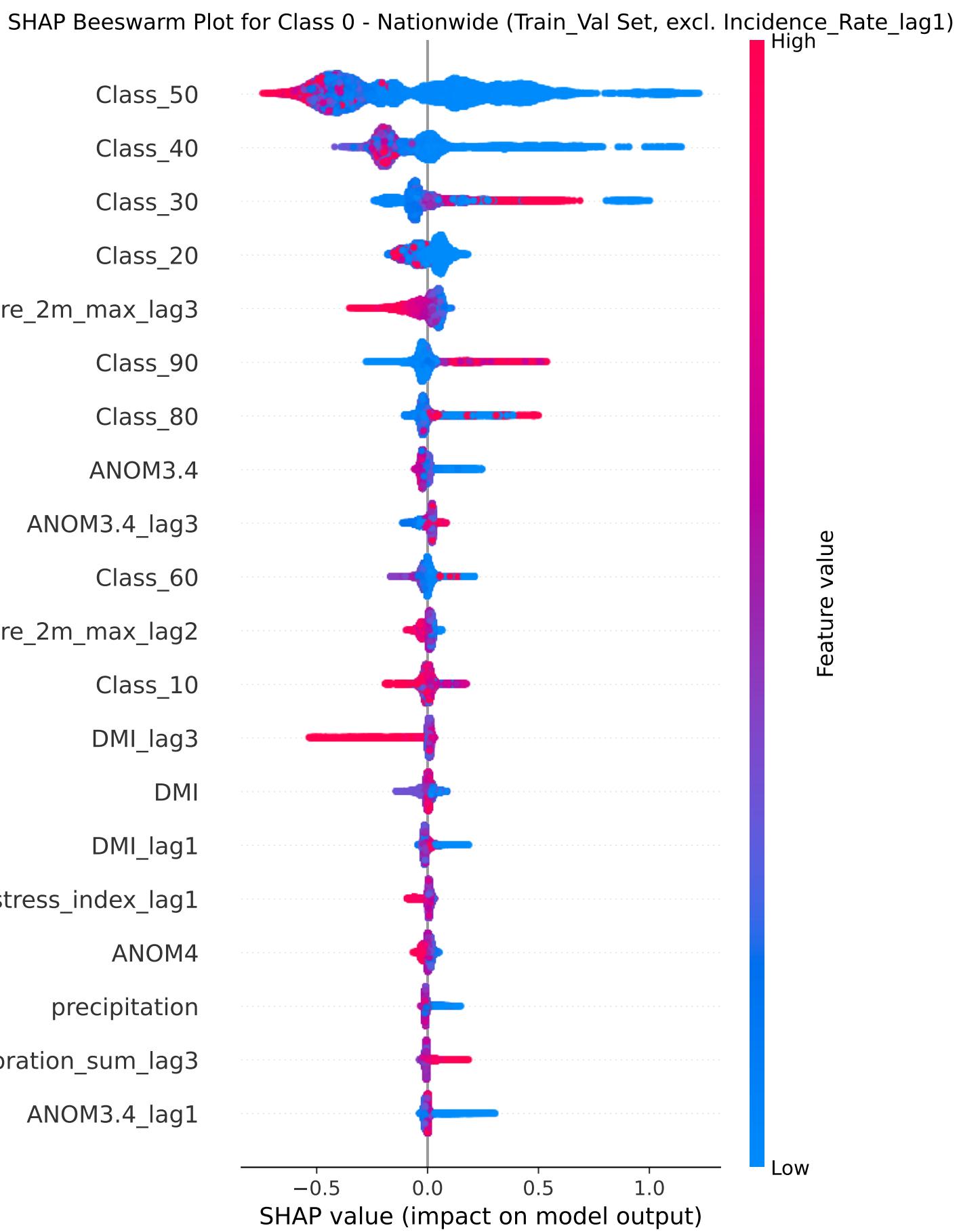
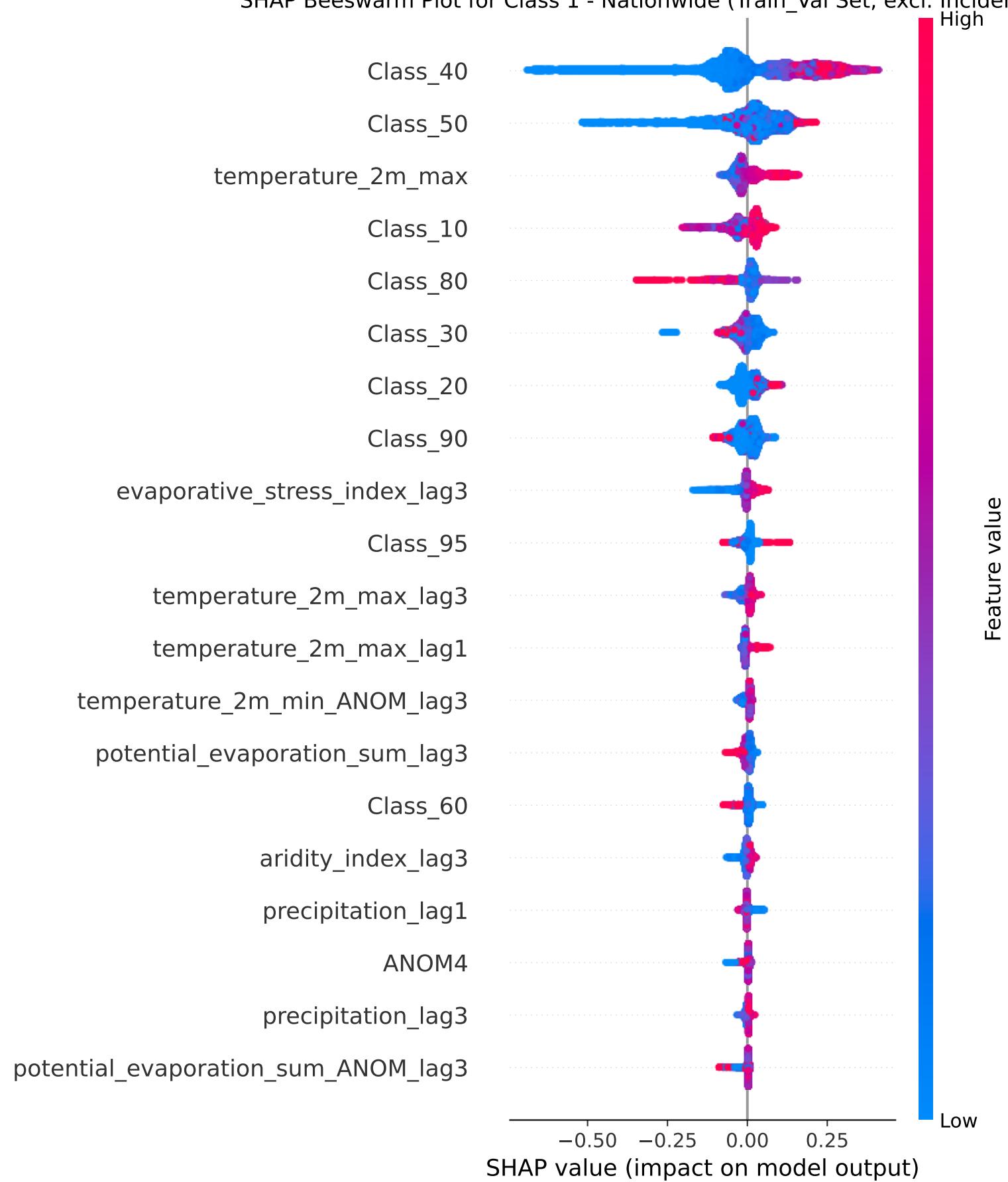


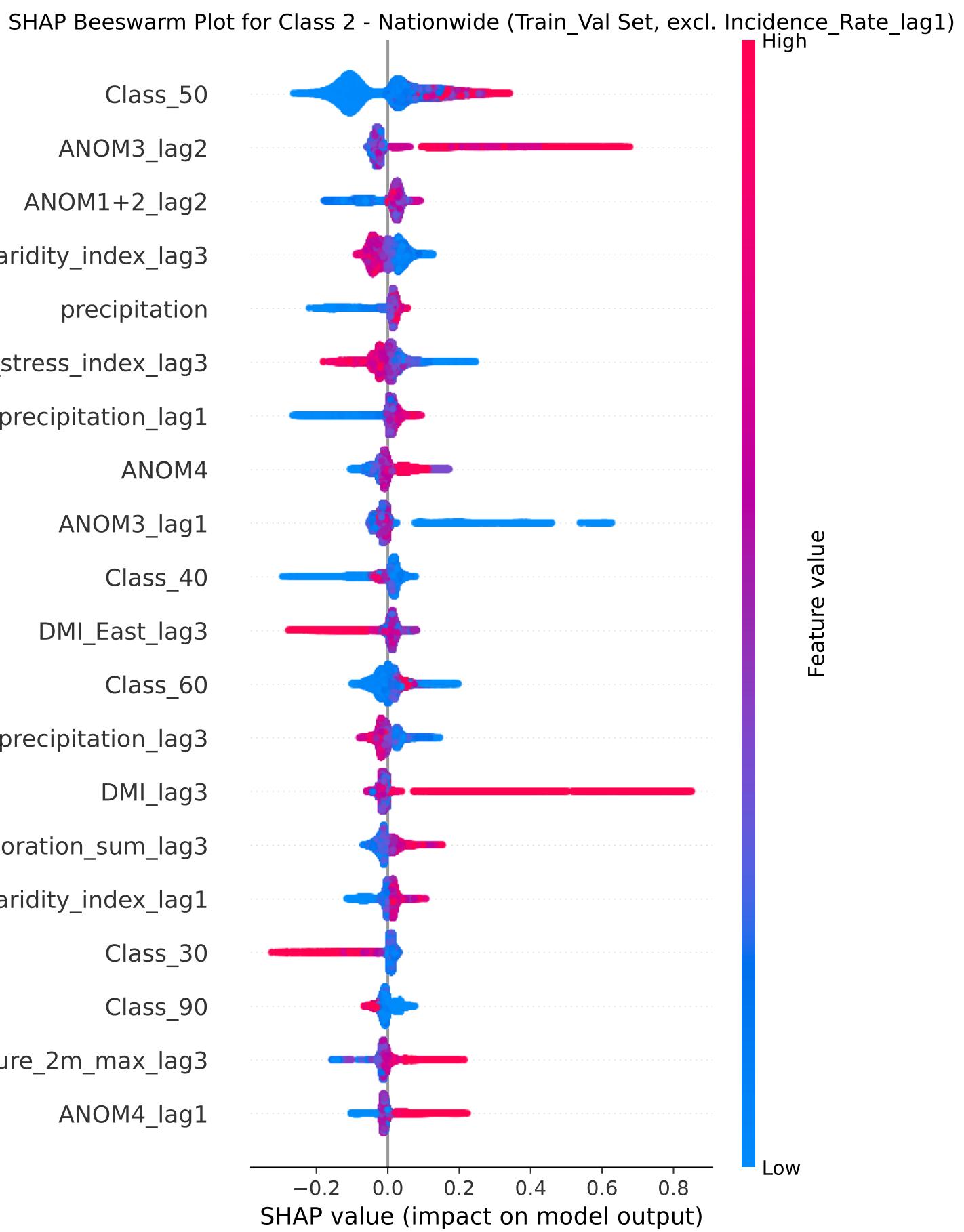
Confusion Matrix - Nationwide (Train_Val Set)



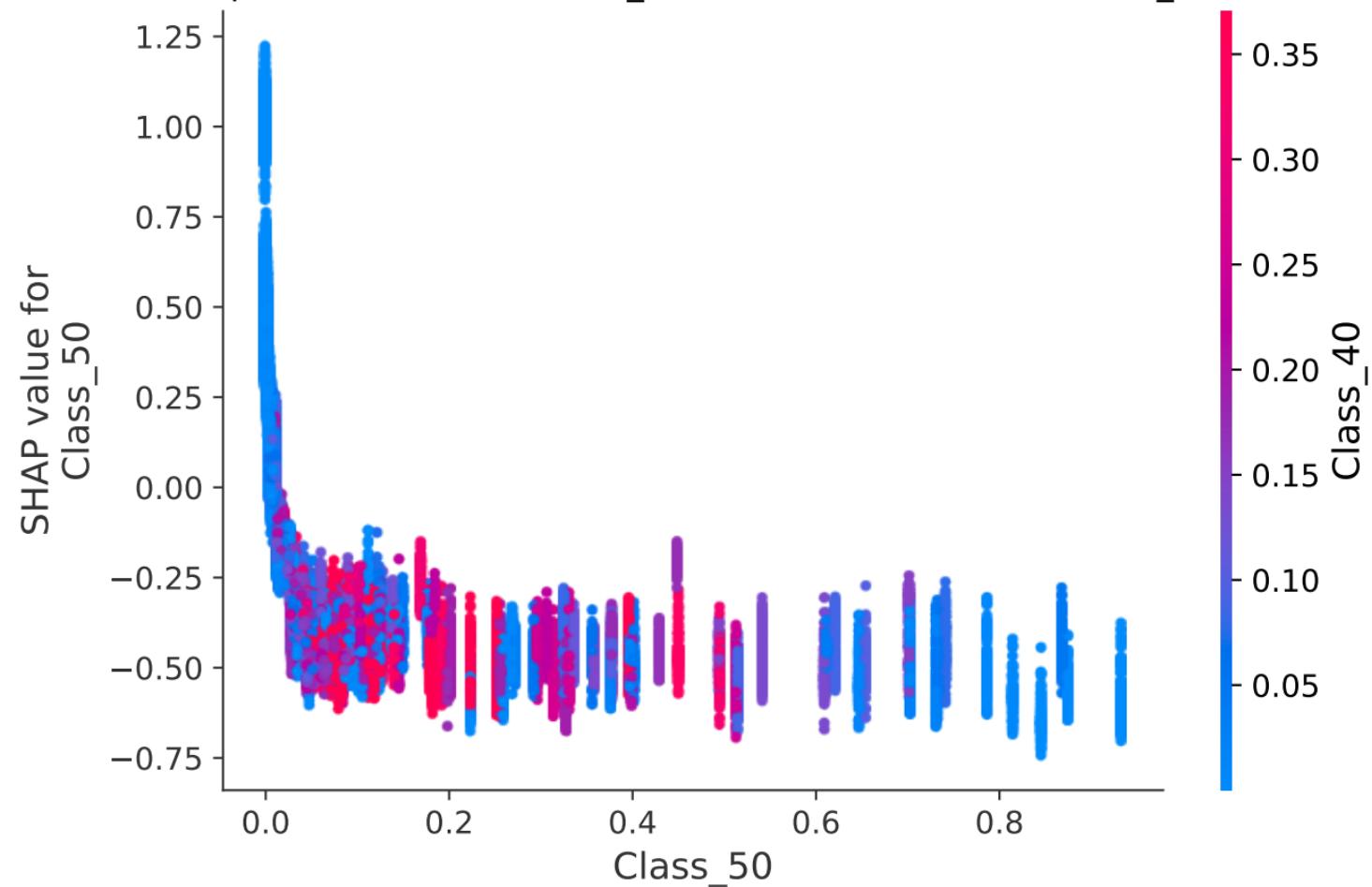


SHAP Beeswarm Plot for Class 1 - Nationwide (Train_Val Set, excl. Incidence_Rate_lag1)

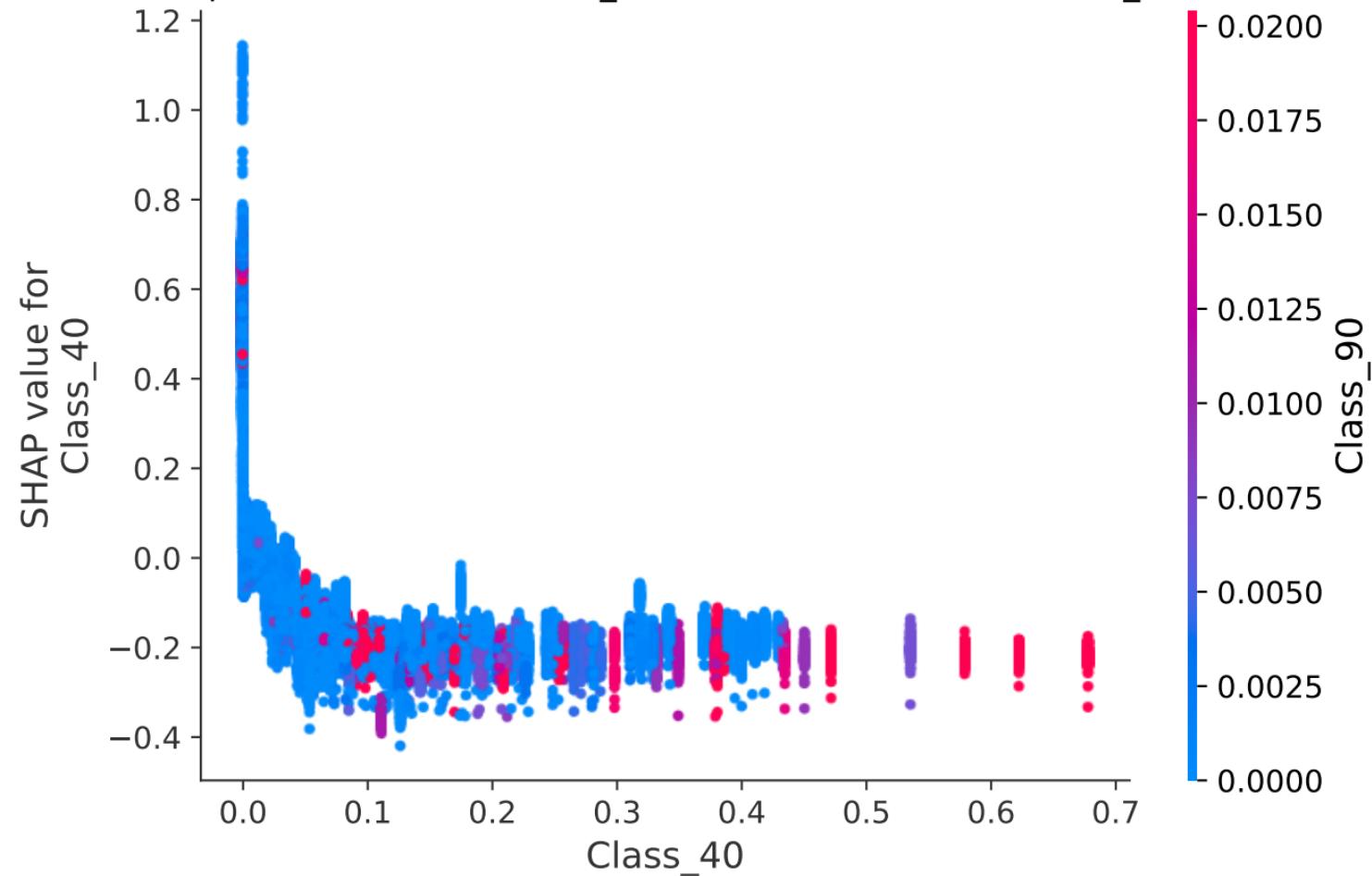




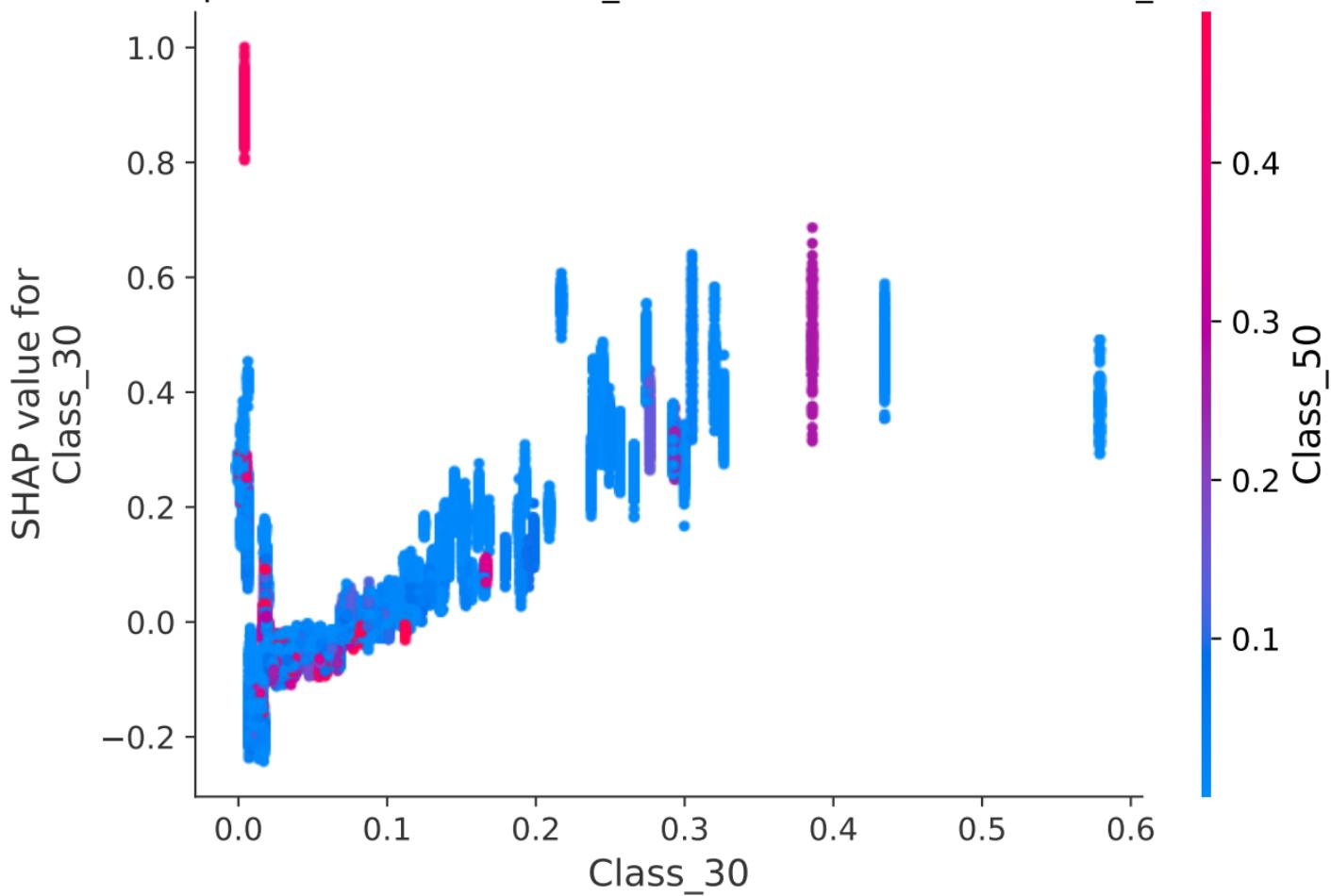
SHAP Dependence Plot for Class_50, Class 0 - Nationwide (Train_Val Set)



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



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 value for
Class_20

0.20

0.15

0.10

0.05

0.00

-0.05

-0.10

-0.15

0.00

0.02

0.04

Class_20

0.9

0.8

0.7

0.6

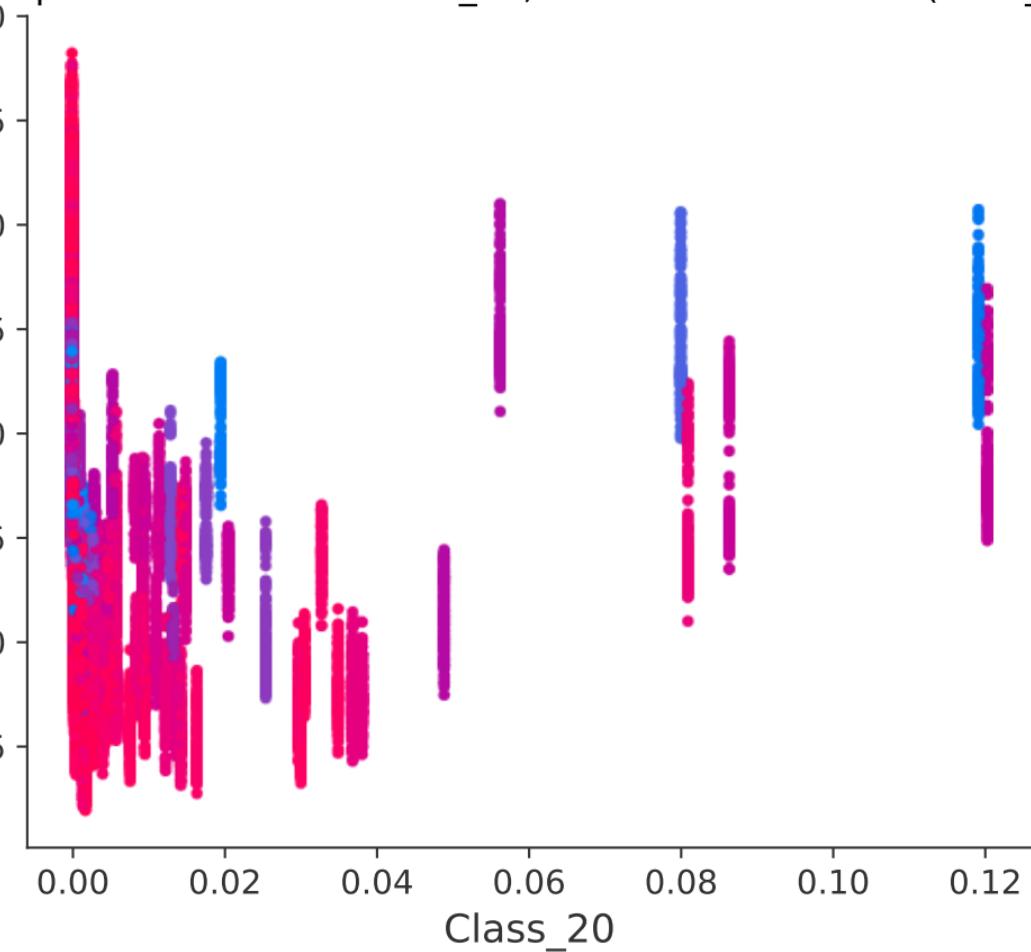
0.5

0.4

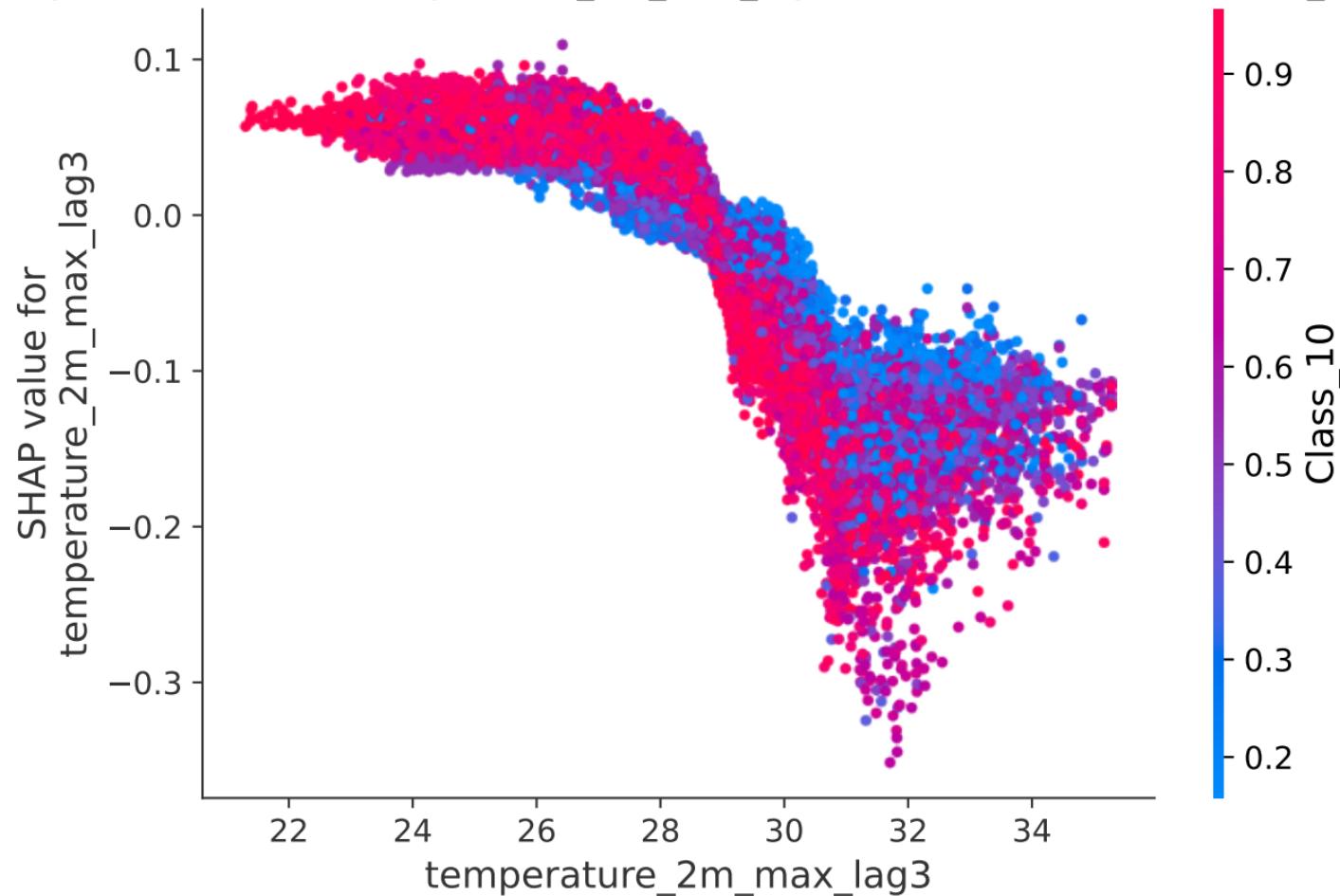
0.3

0.2

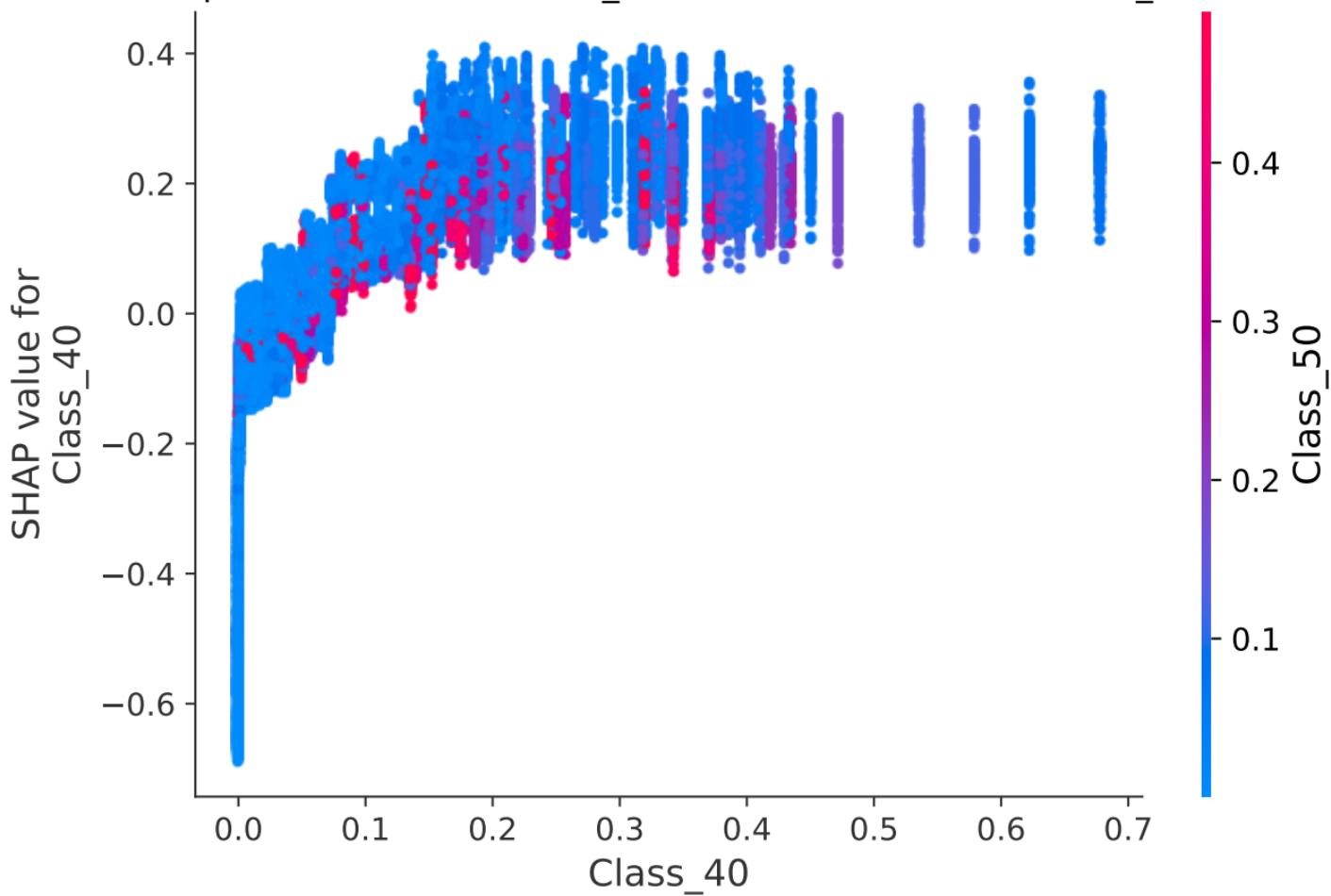
Class_10



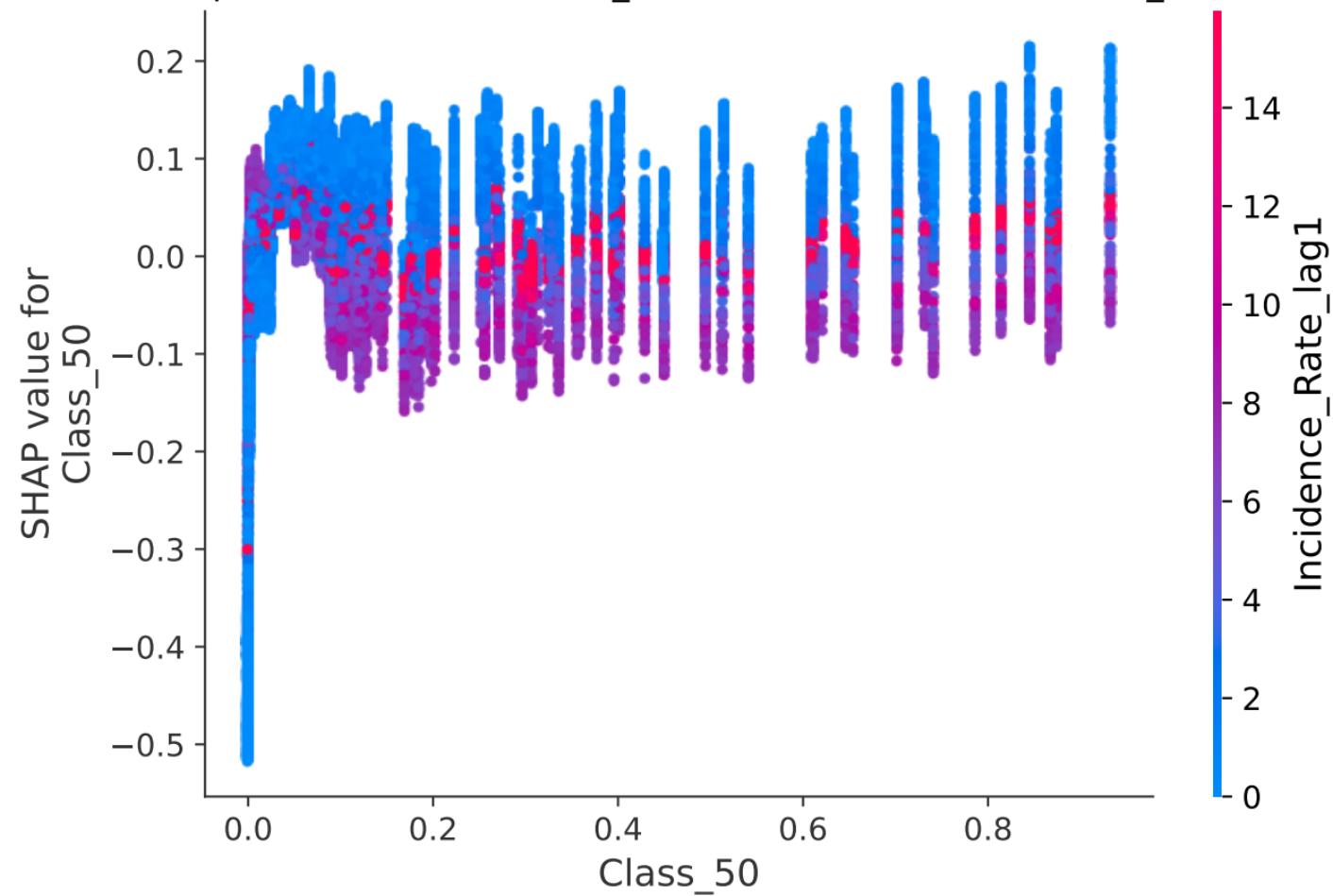
SHAP Dependence Plot for temperature_2m_max_lag3, Class 0 - Nationwide (Train_Val Set)



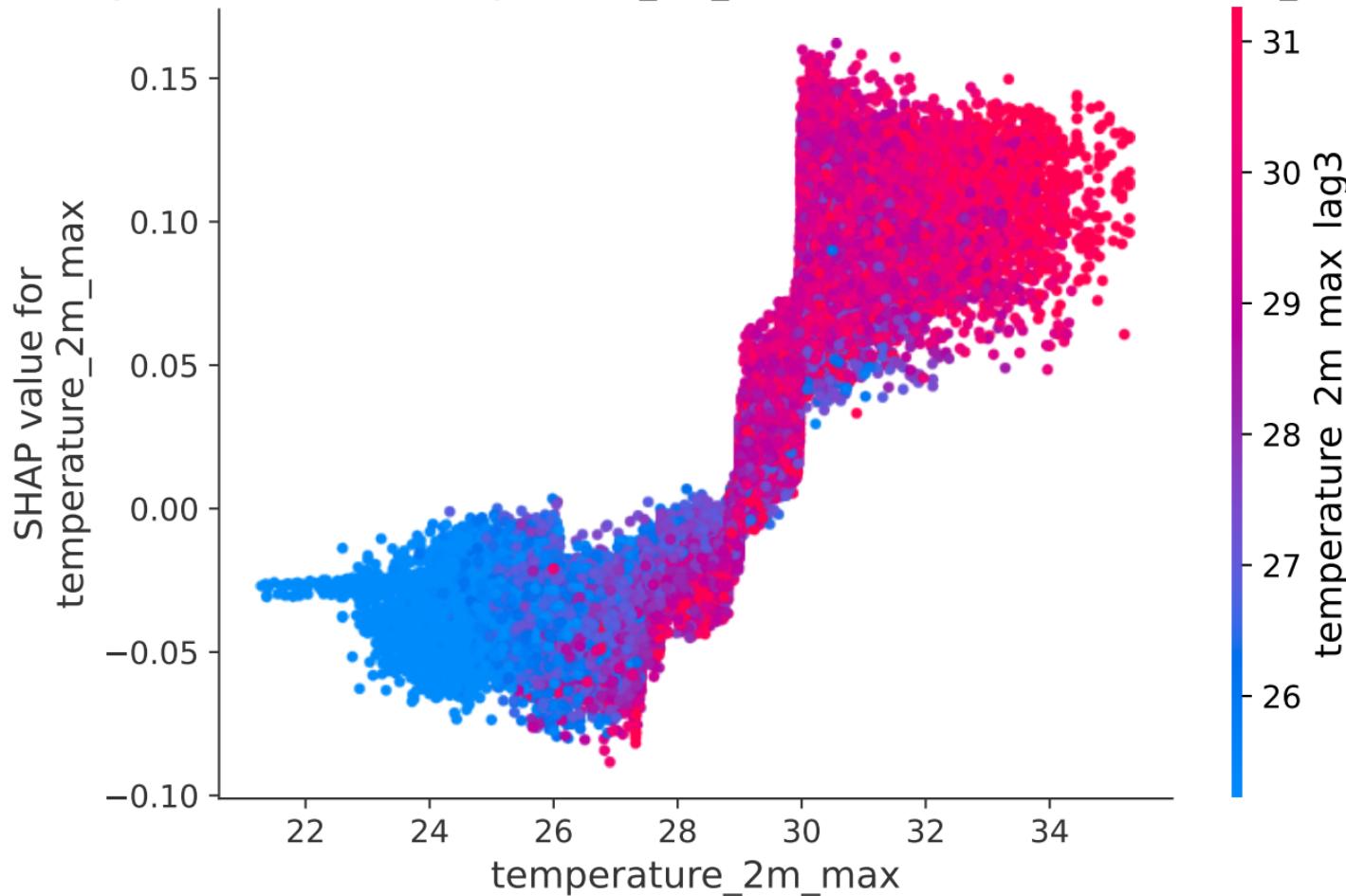
SHAP Dependence Plot for Class_40, Class 1 - Nationwide (Train_Val Set)



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

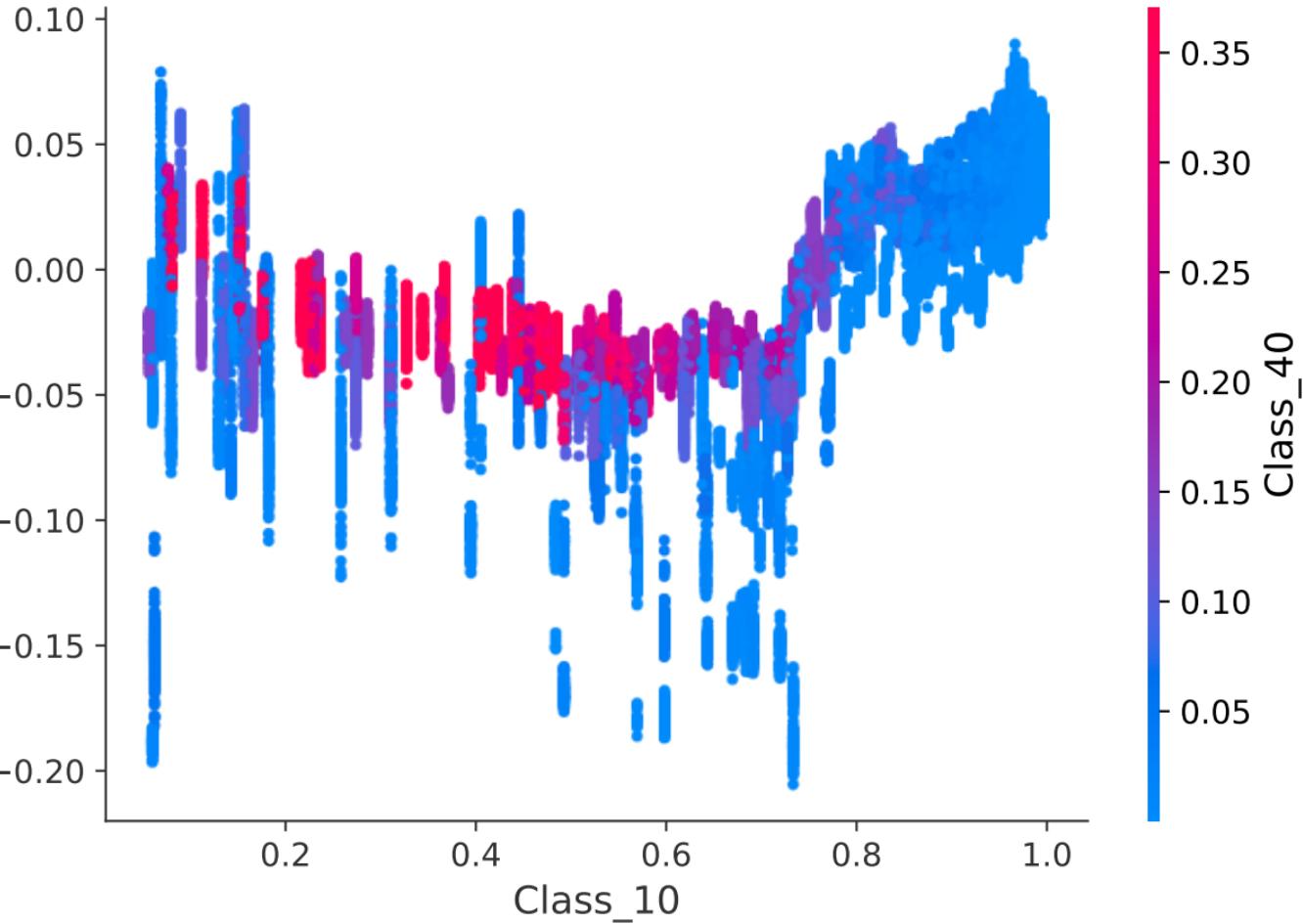


SHAP Dependence Plot for temperature_2m_max, Class 1 - Nationwide (Train_Val Set)

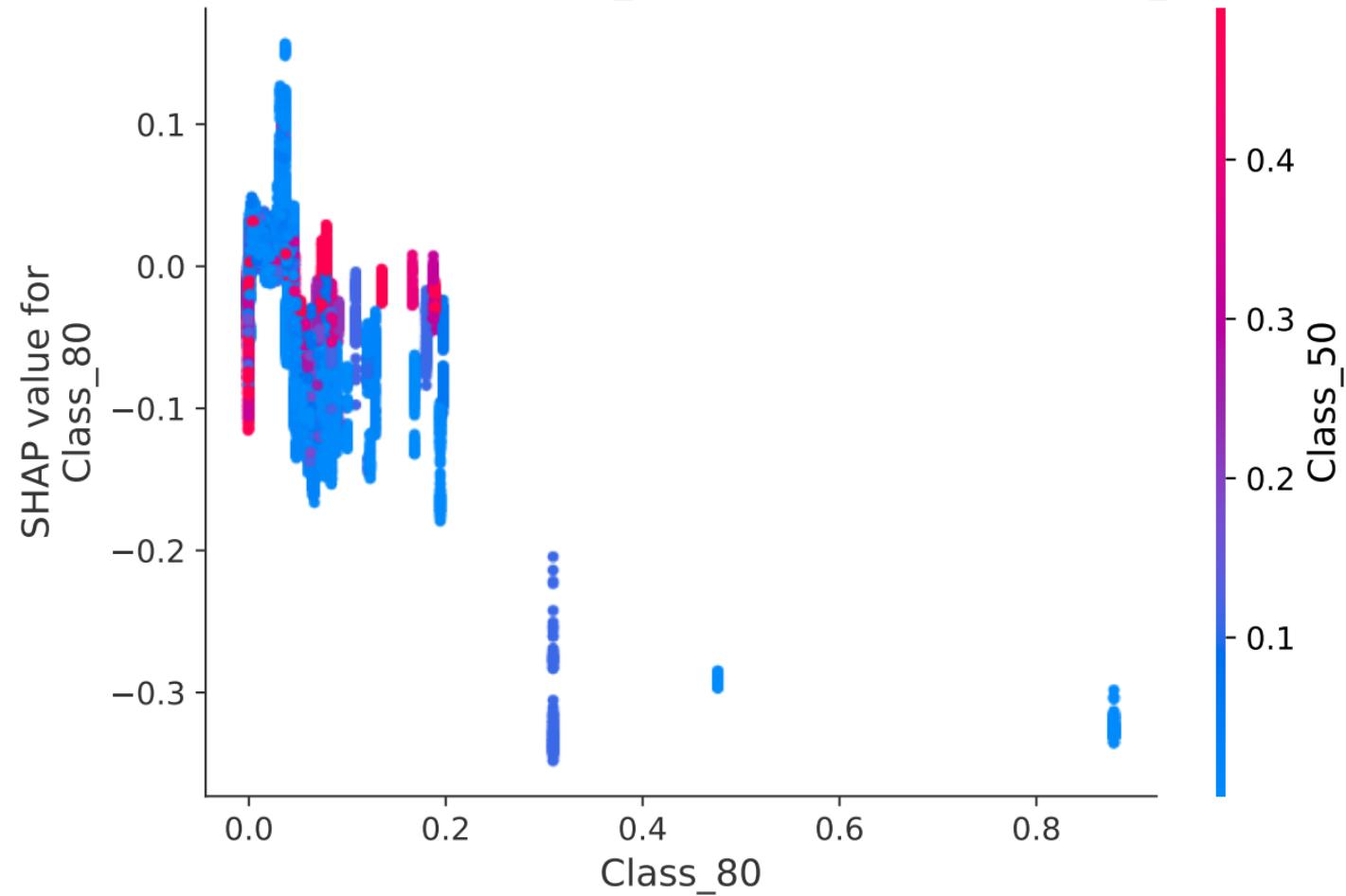


SHAP Dependence Plot for Class_10, Class 1 - Nationwide (Train_Val Set)

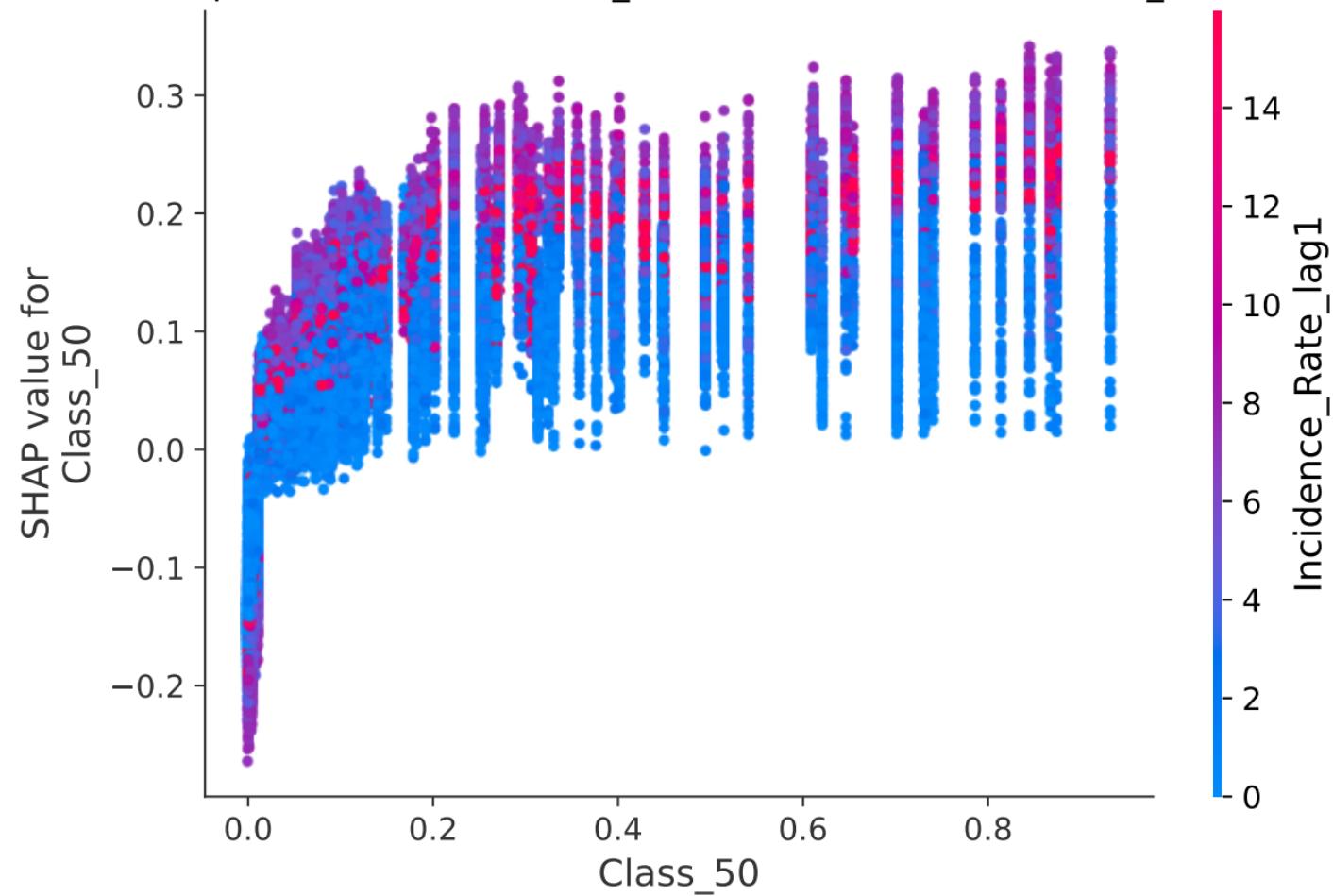
SHAP value for
Class_10



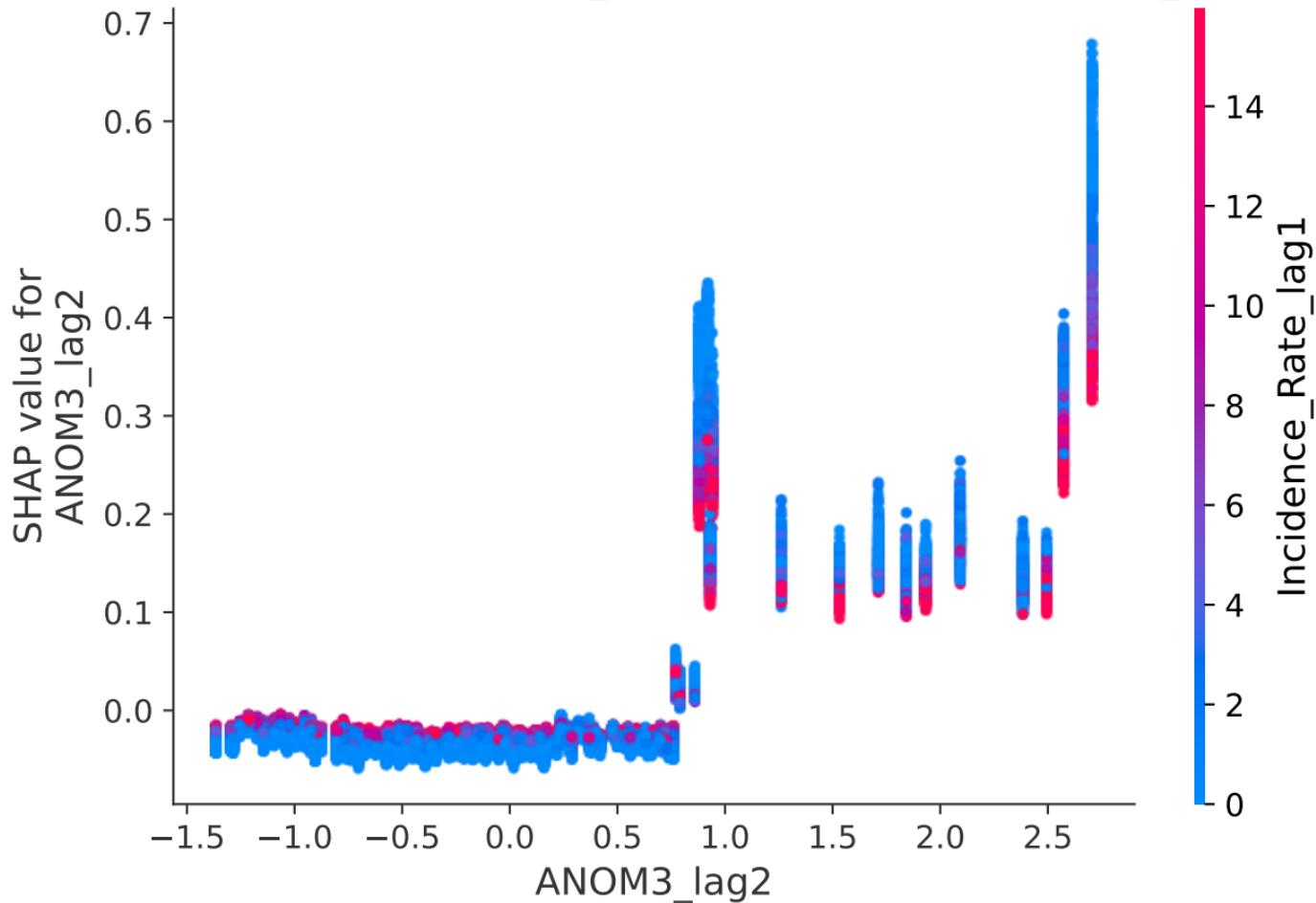
SHAP Dependence Plot for Class_80, Class 1 - Nationwide (Train_Val Set)



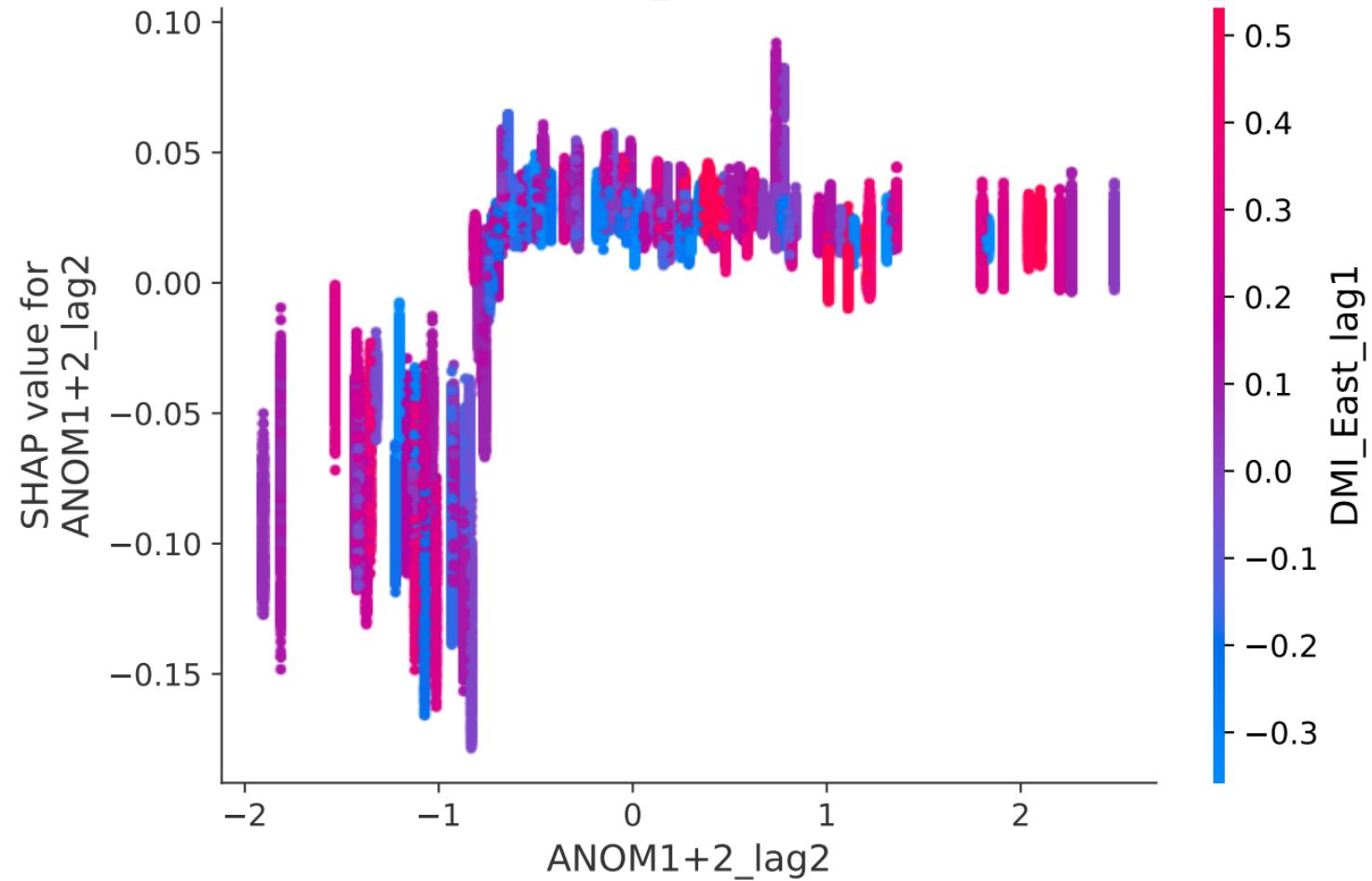
SHAP Dependence Plot for Class_50, Class 2 - Nationwide (Train_Val Set)



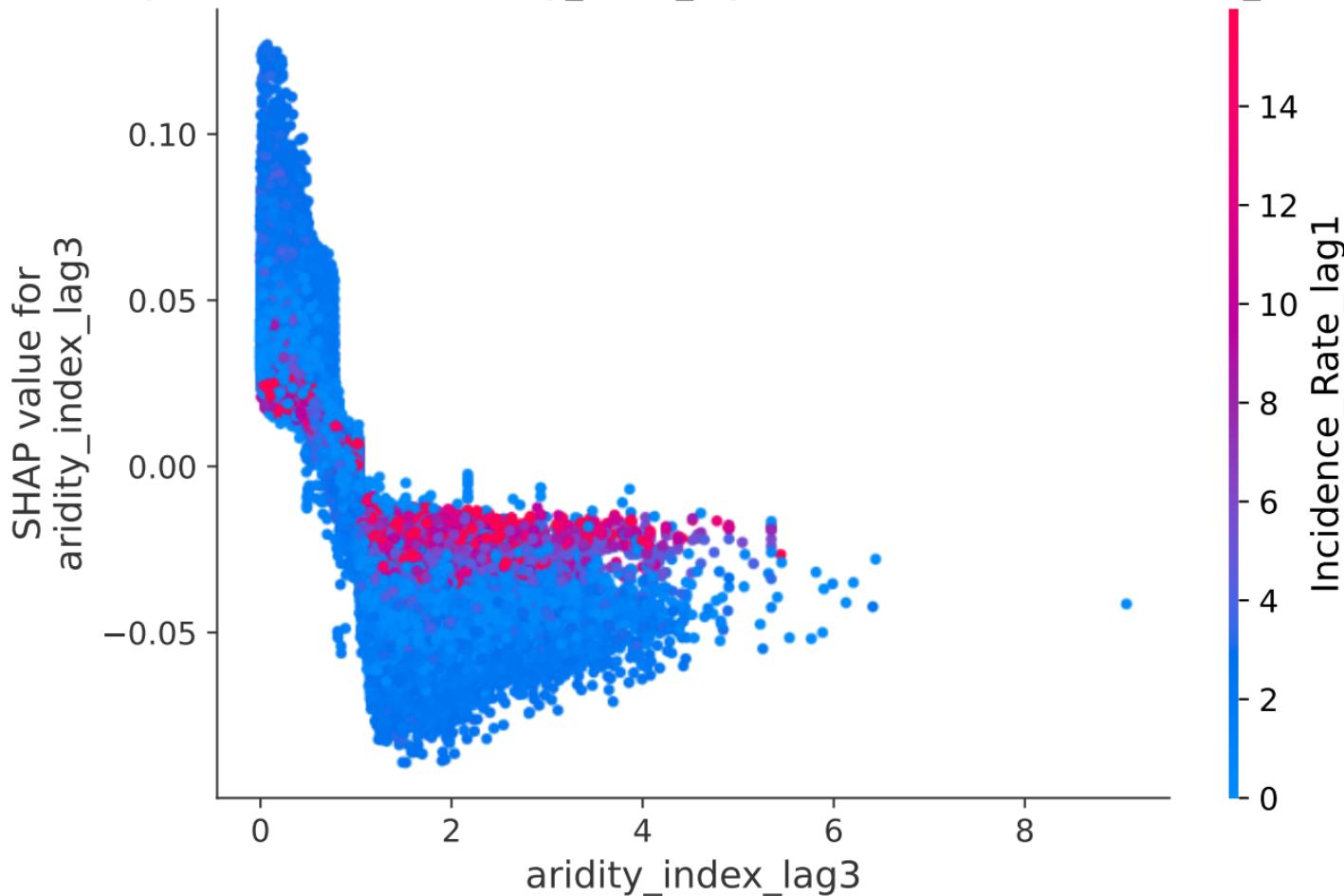
SHAP Dependence Plot for ANOM3_lag2, Class 2 - Nationwide (Train_Val Set)



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 precipitation, Class 2 - Nationwide (Train_Val Set)

