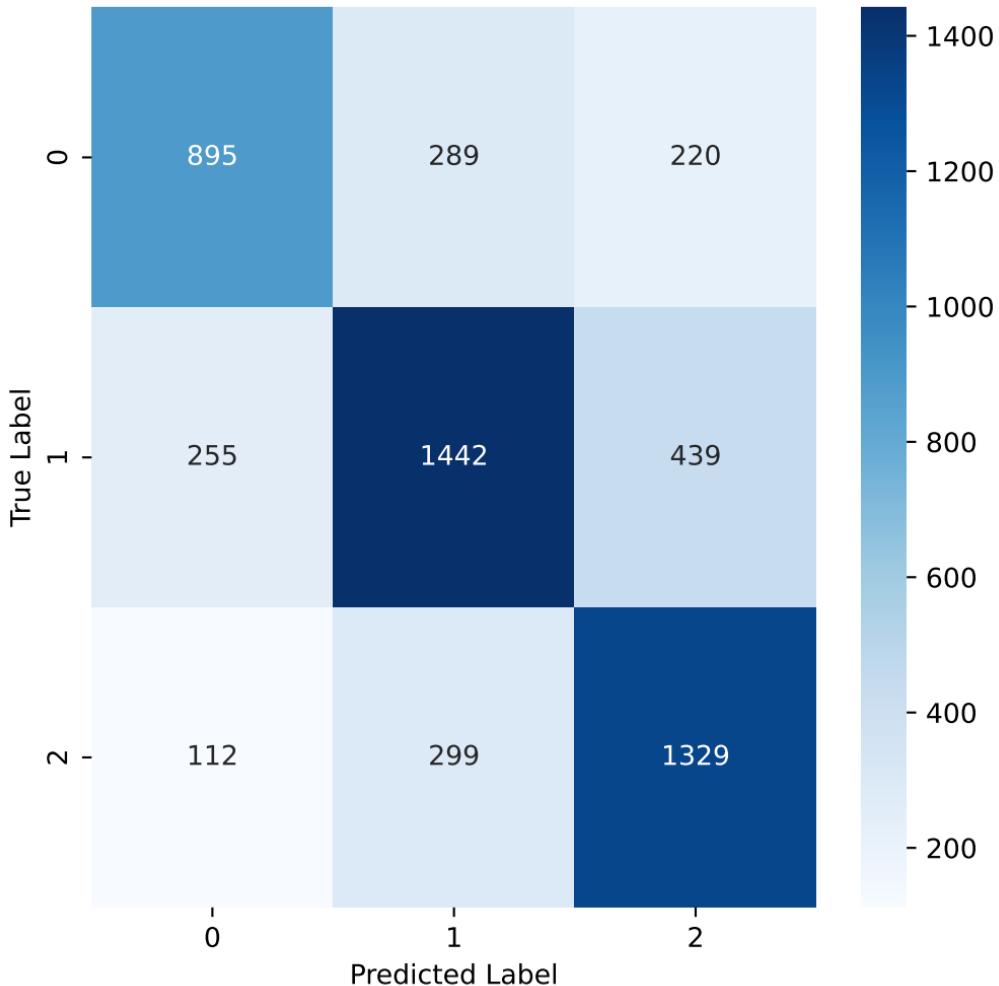
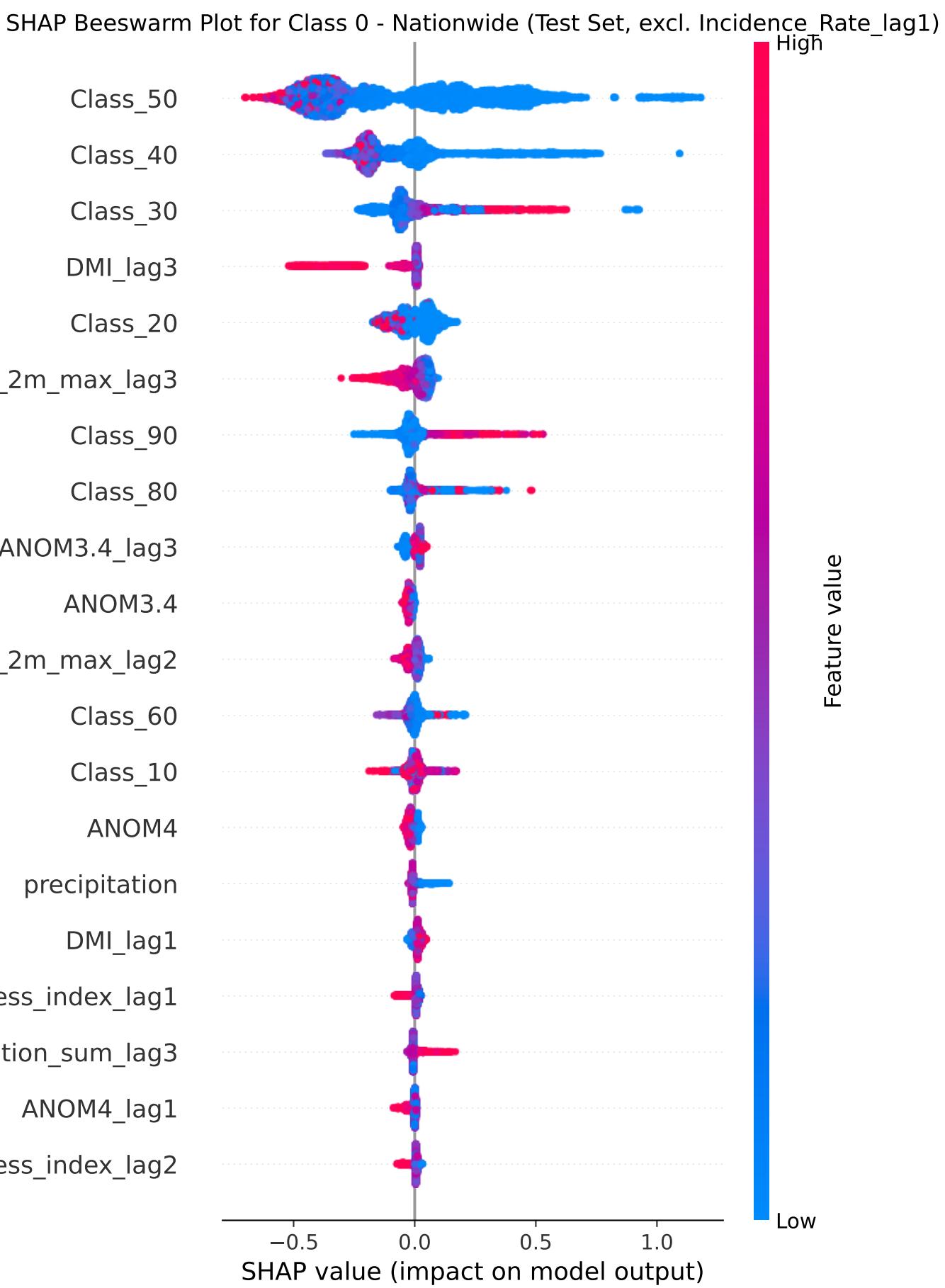
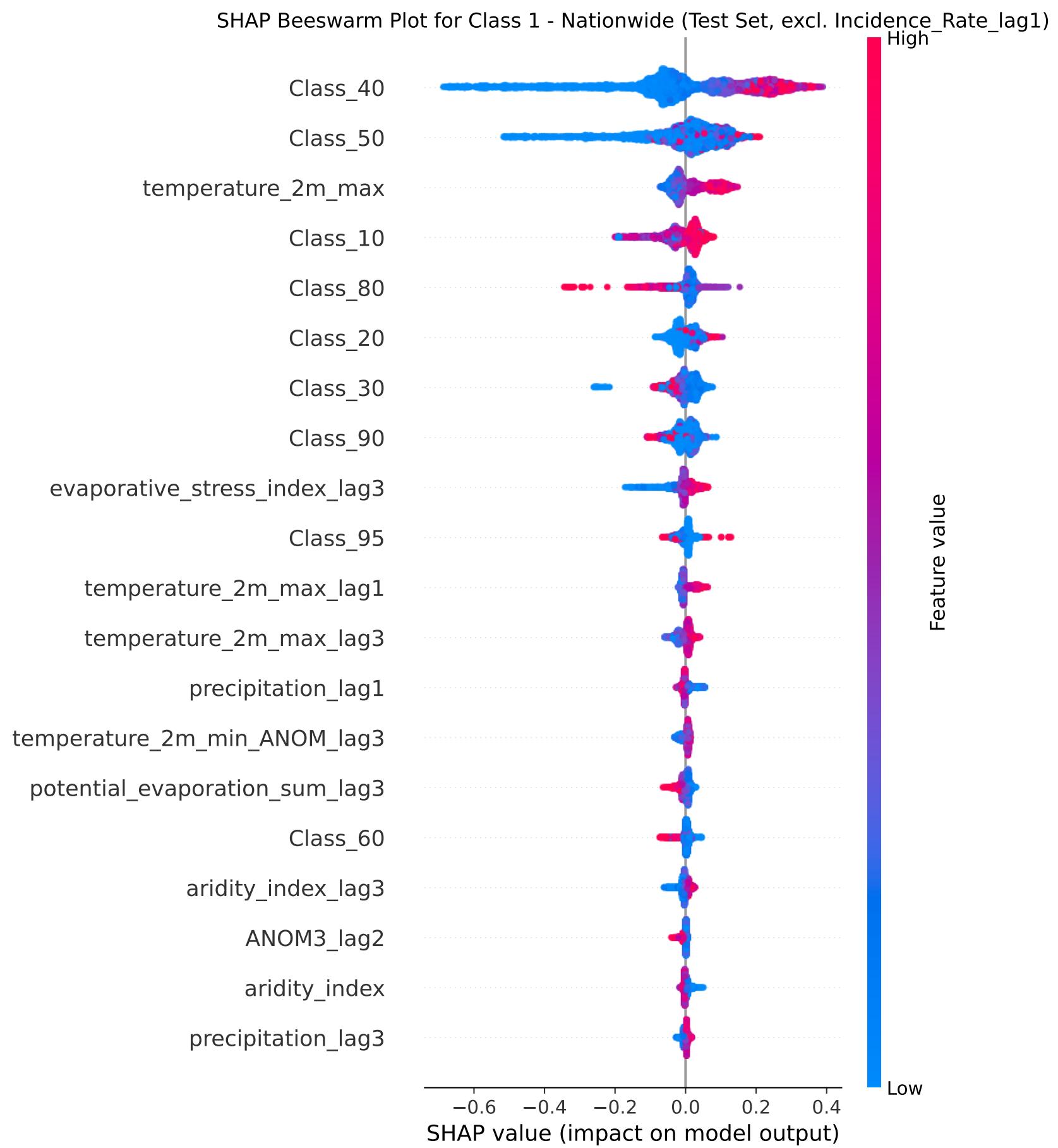


Confusion Matrix - Nationwide (Test Set)







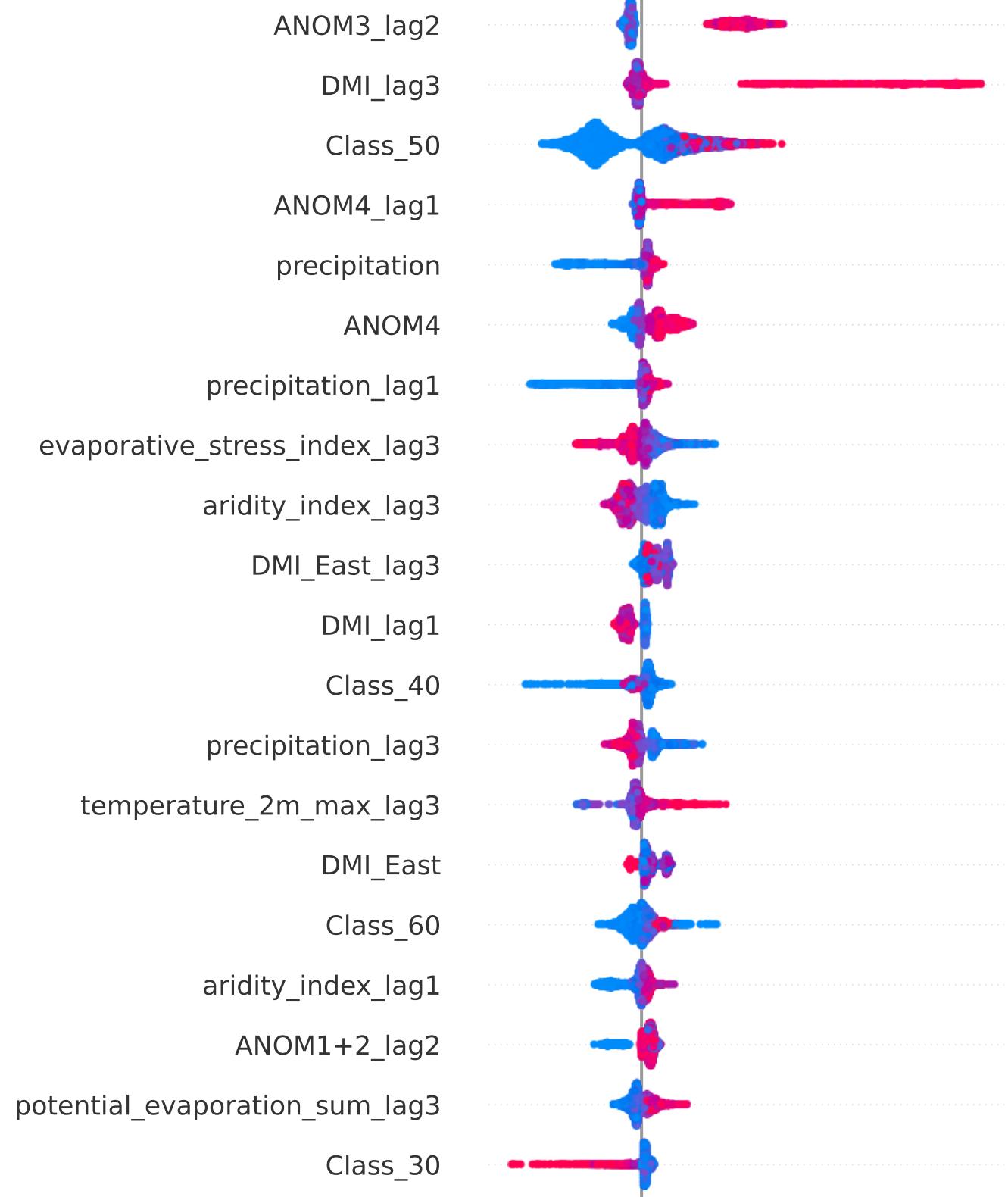
SHAP Beeswarm Plot for Class 2 - Nationwide (Test Set, excl. Incidence_Rate_lag1)

Feature value

High

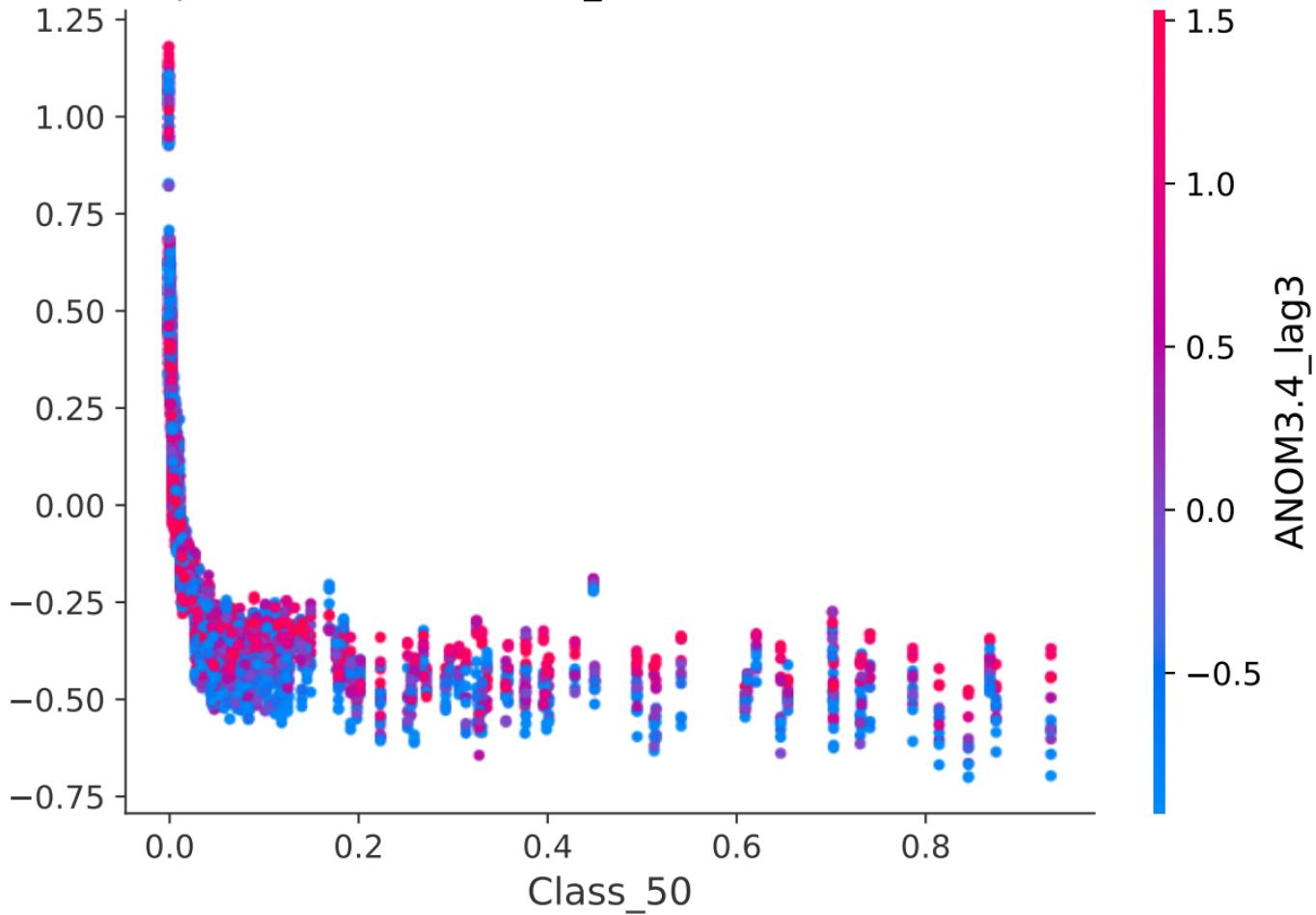
Low

SHAP value (impact on model output)

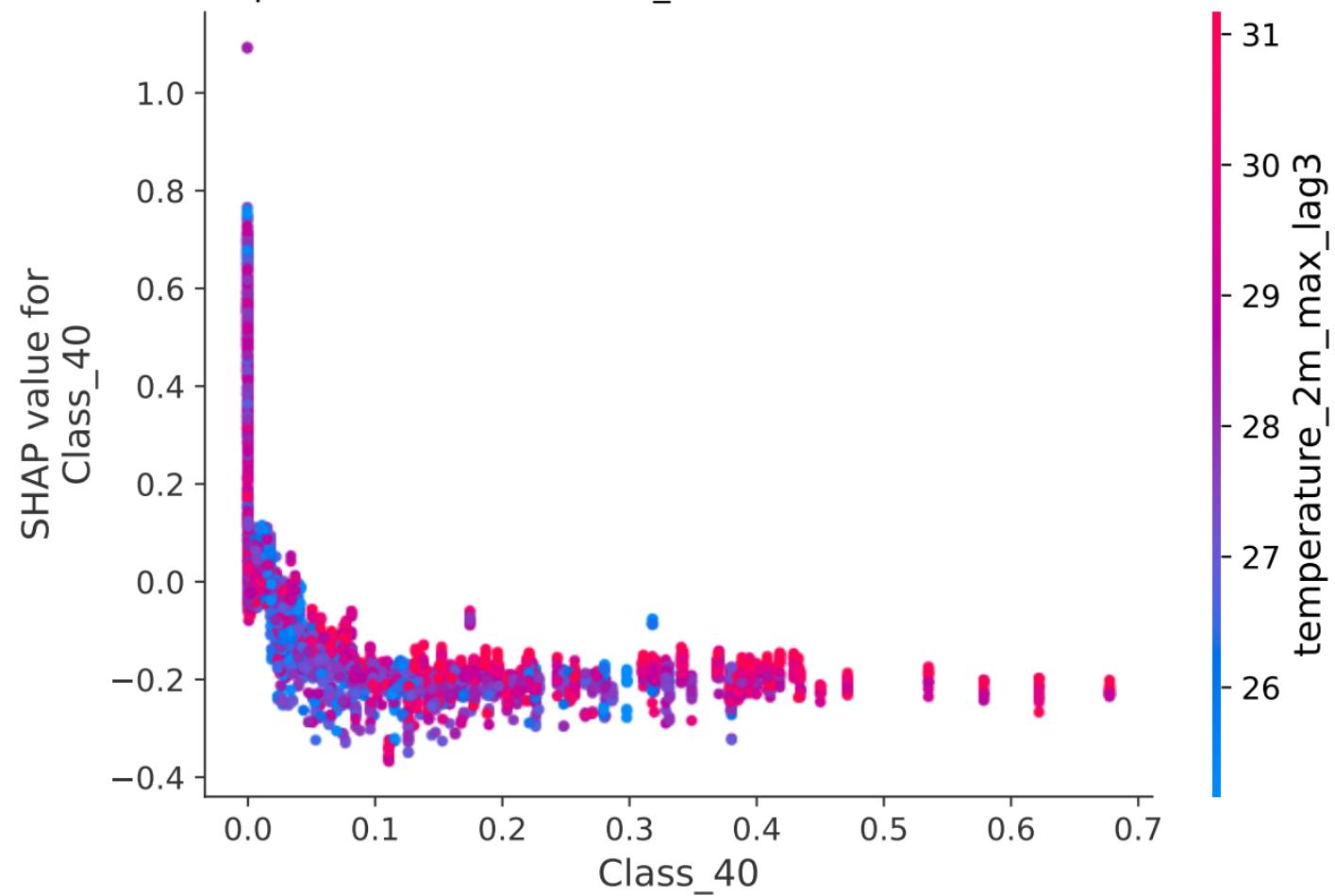


SHAP Dependence Plot for Class_50, Class 0 - Nationwide (Test Set)

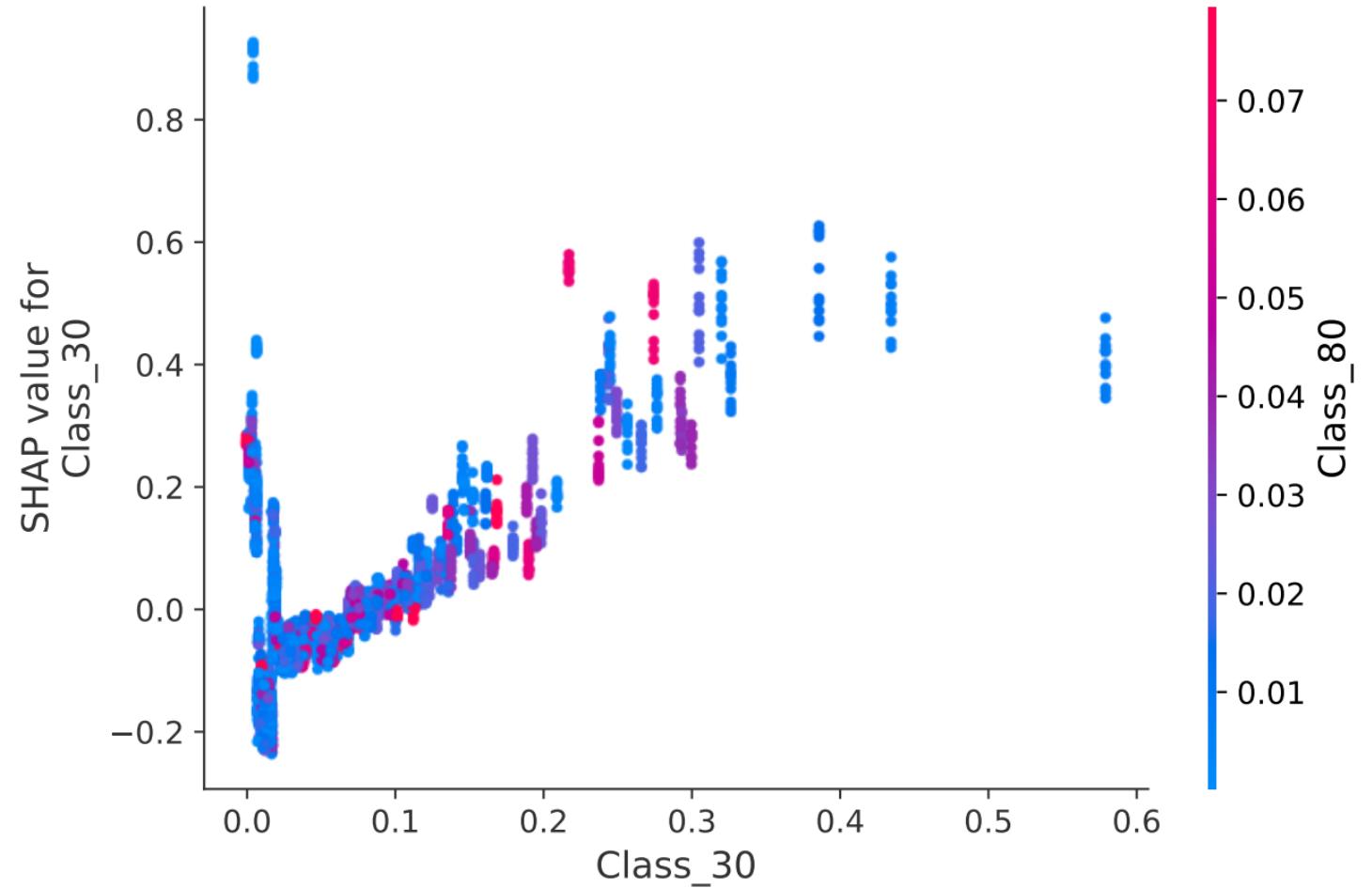
SHAP value for
Class_50



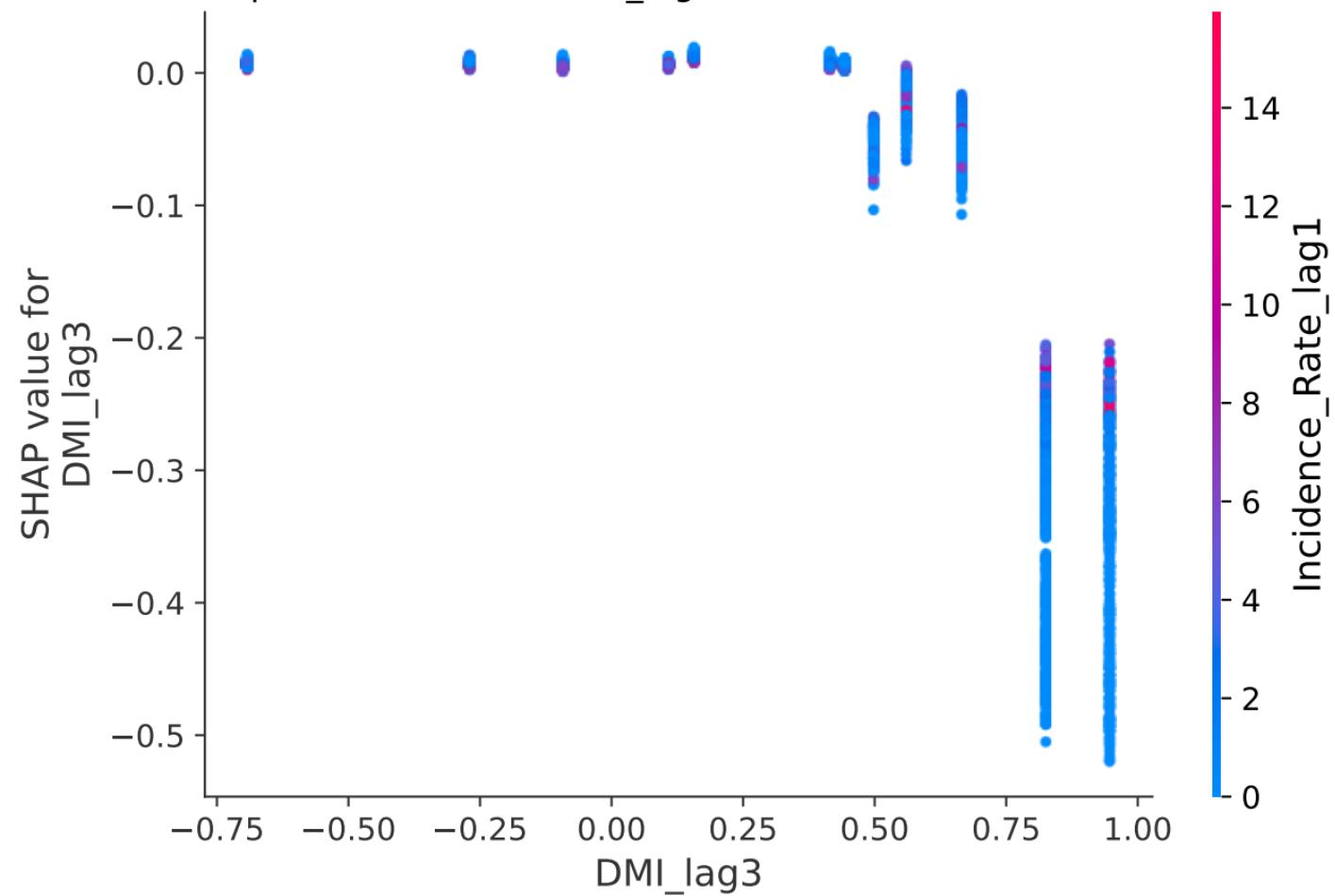
SHAP Dependence Plot for Class_40, Class 0 - Nationwide (Test Set)



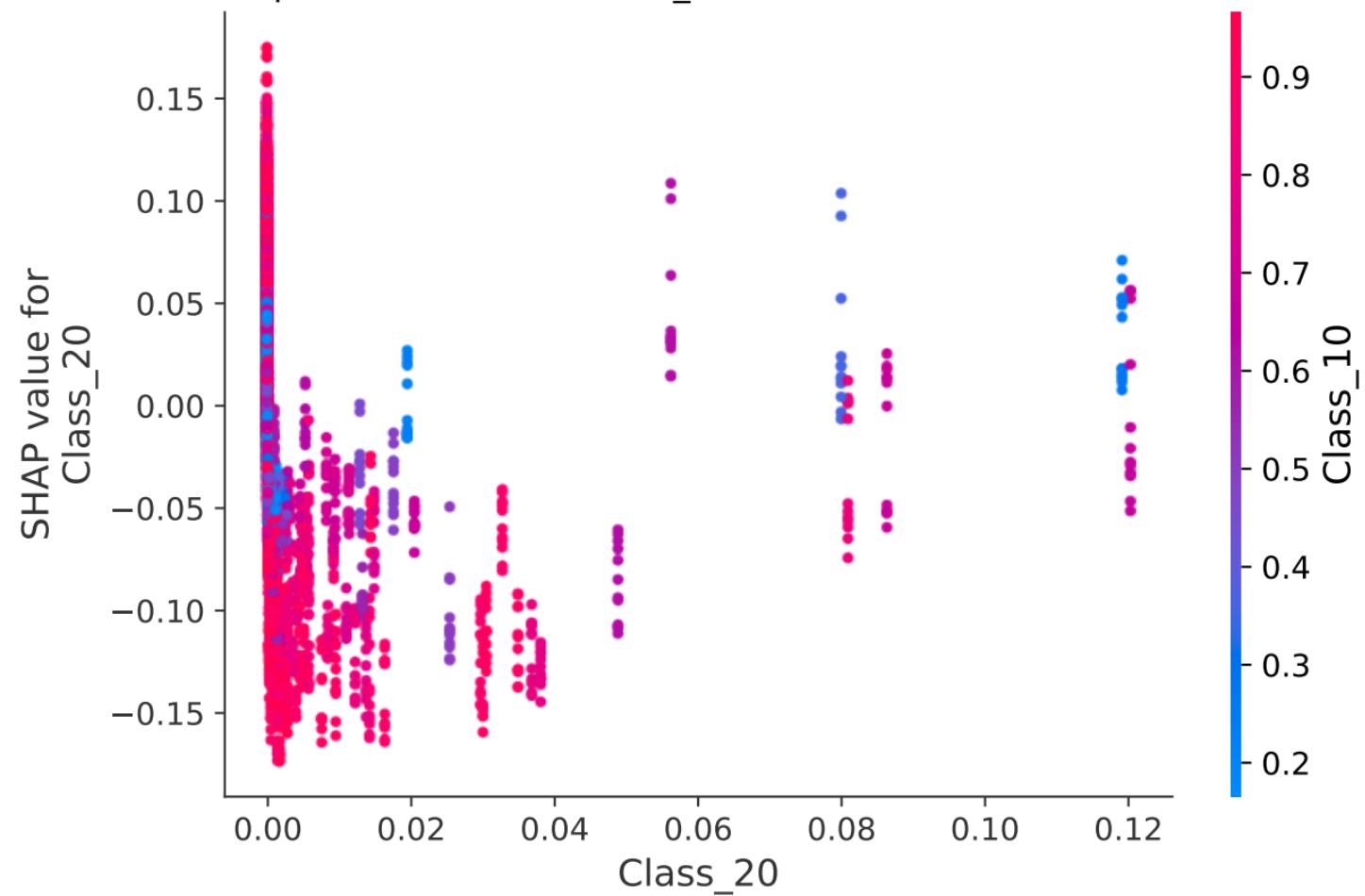
SHAP Dependence Plot for Class_30, Class 0 - Nationwide (Test Set)



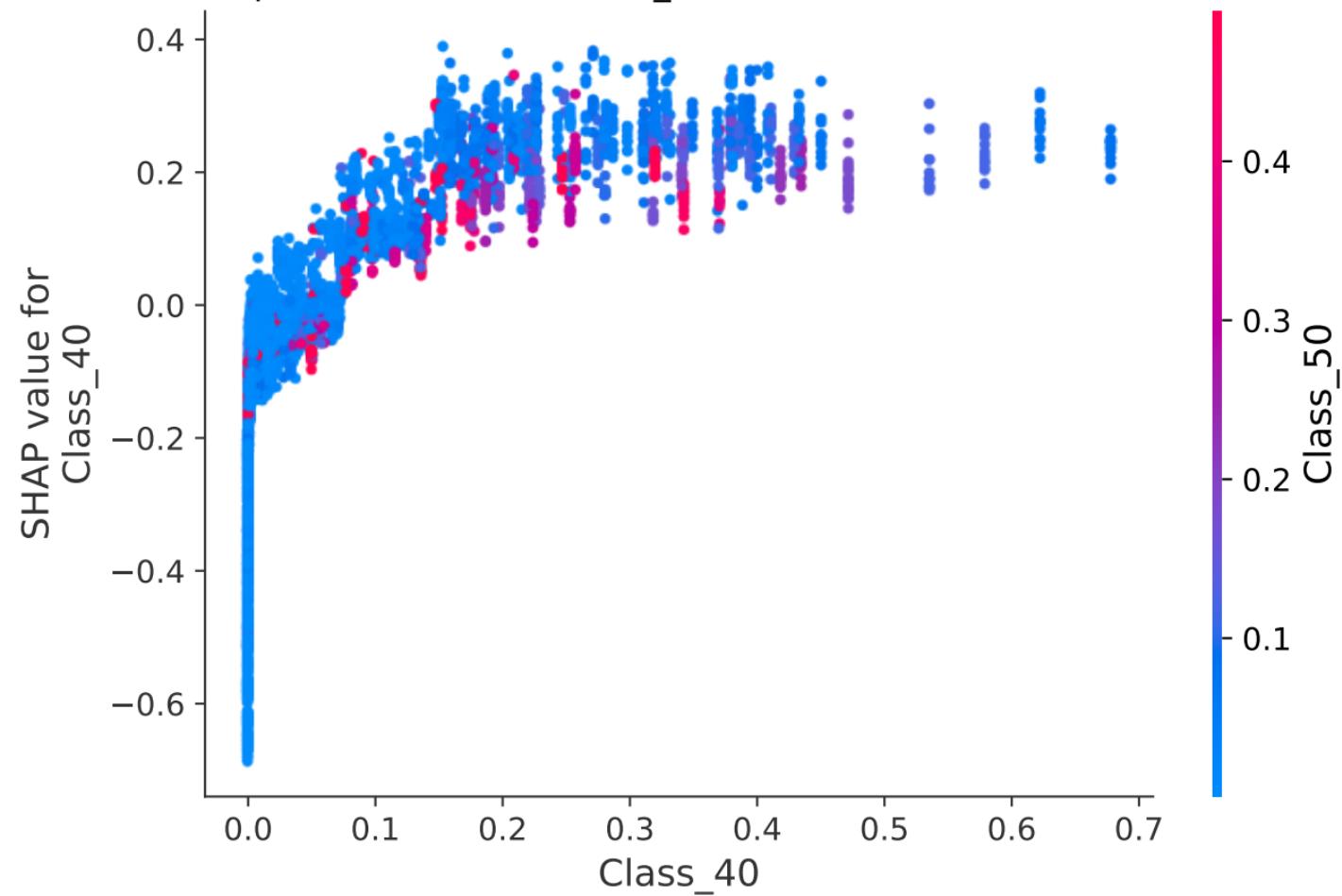
SHAP Dependence Plot for DMI_lag3, Class 0 - Nationwide (Test Set)



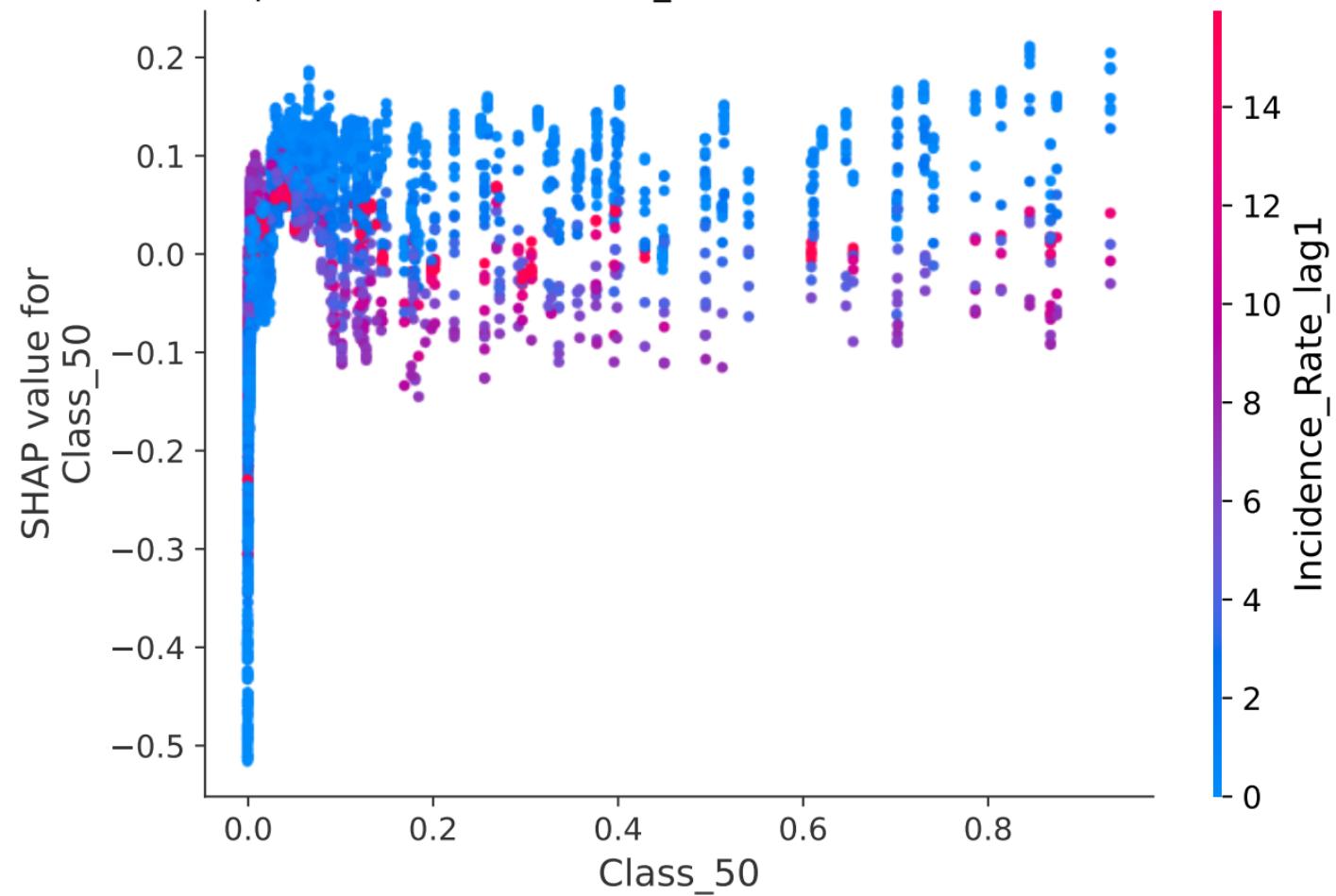
SHAP Dependence Plot for Class_20, Class 0 - Nationwide (Test Set)



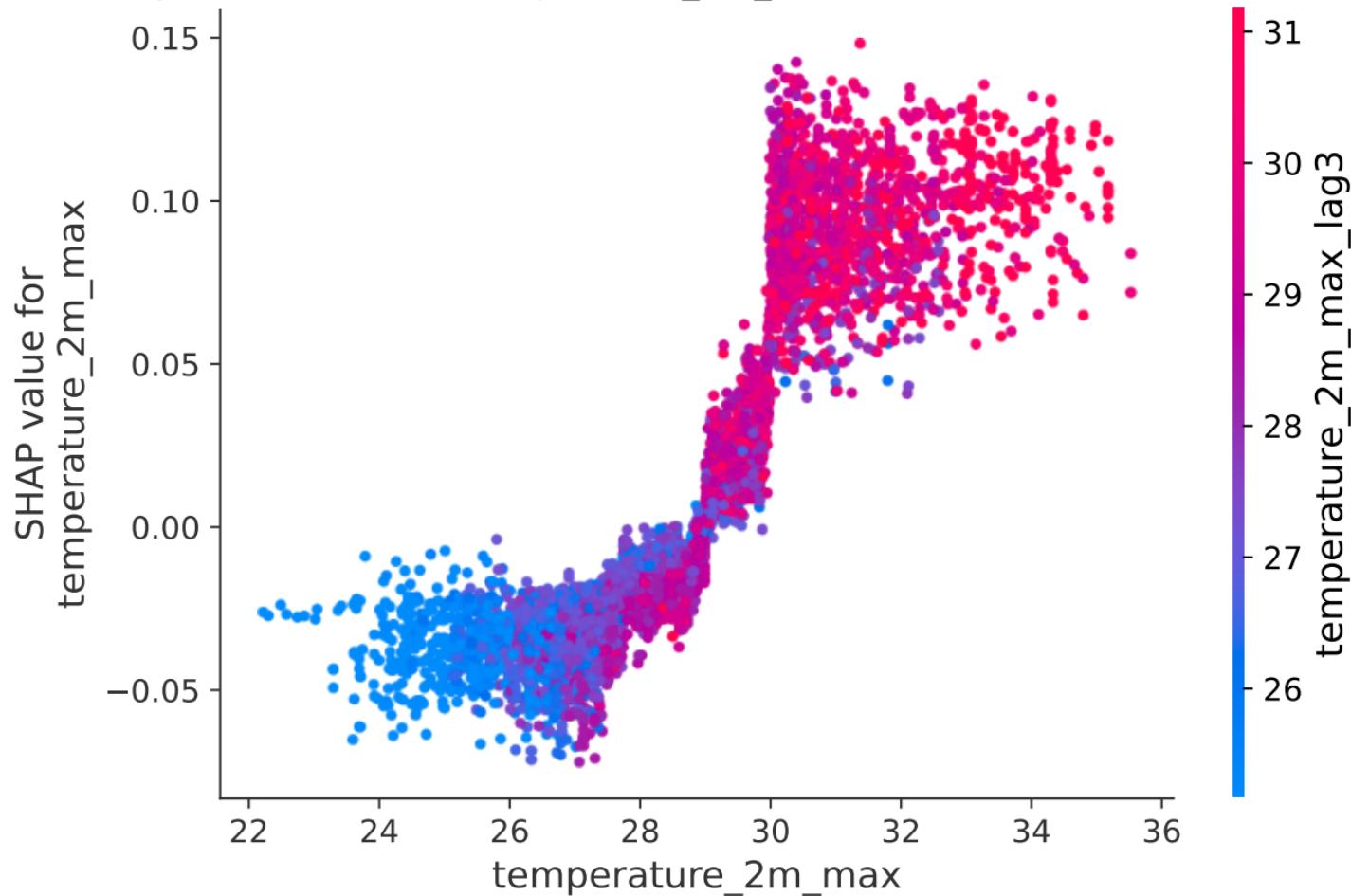
SHAP Dependence Plot for Class_40, Class 1 - Nationwide (Test Set)



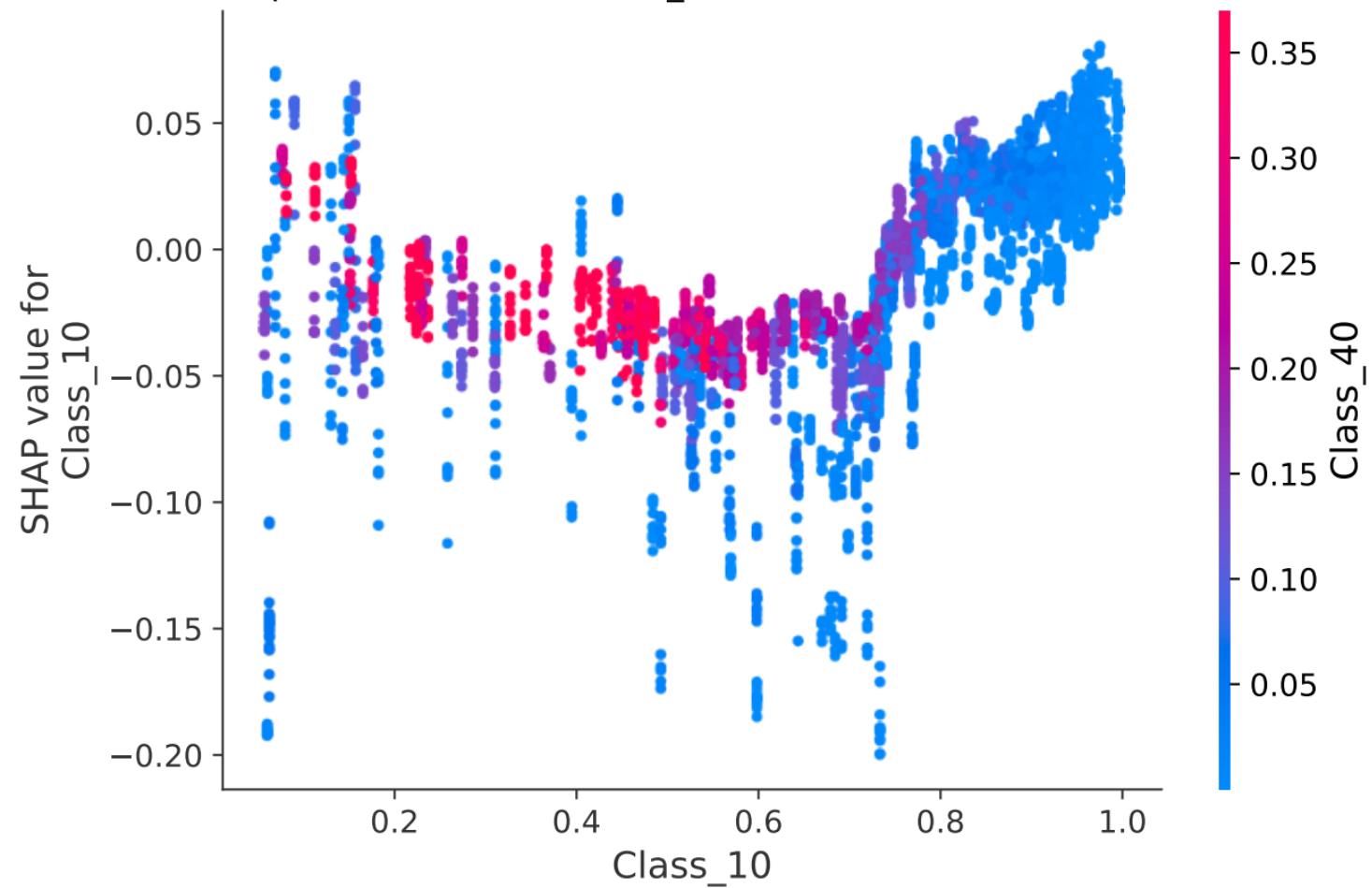
SHAP Dependence Plot for Class_50, Class 1 - Nationwide (Test Set)



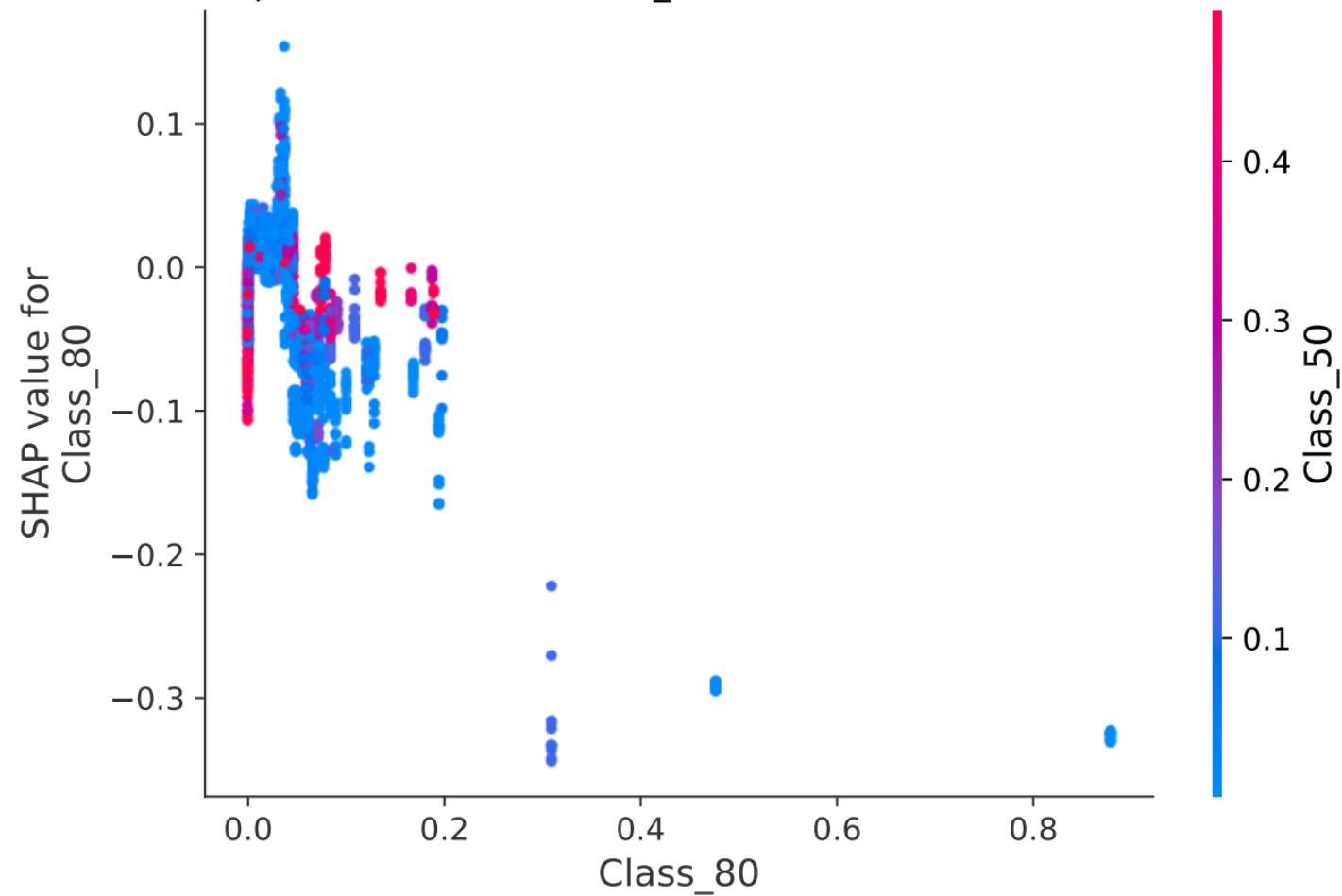
SHAP Dependence Plot for temperature_2m_max, Class 1 - Nationwide (Test Set)



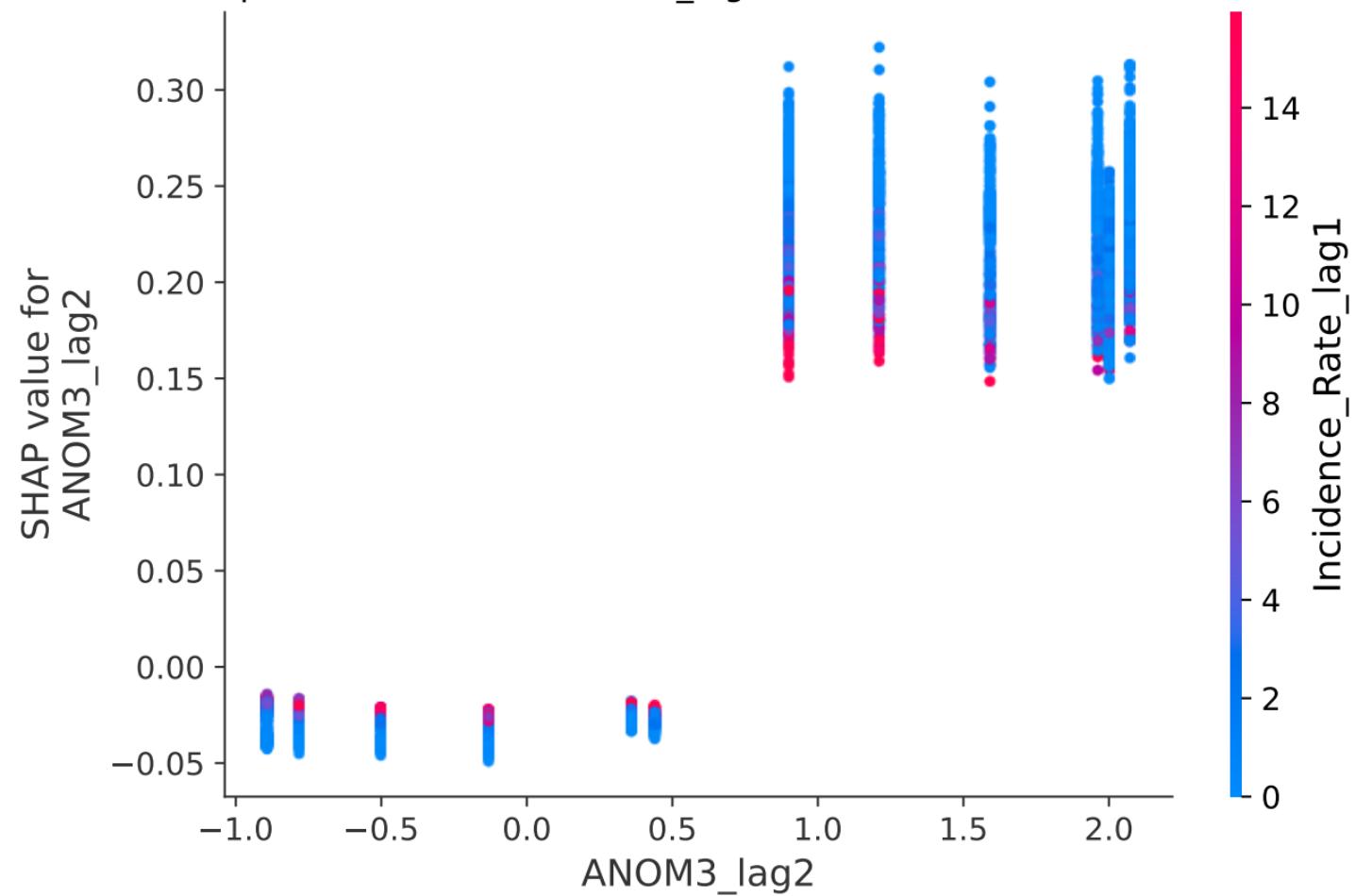
SHAP Dependence Plot for Class_10, Class 1 - Nationwide (Test Set)



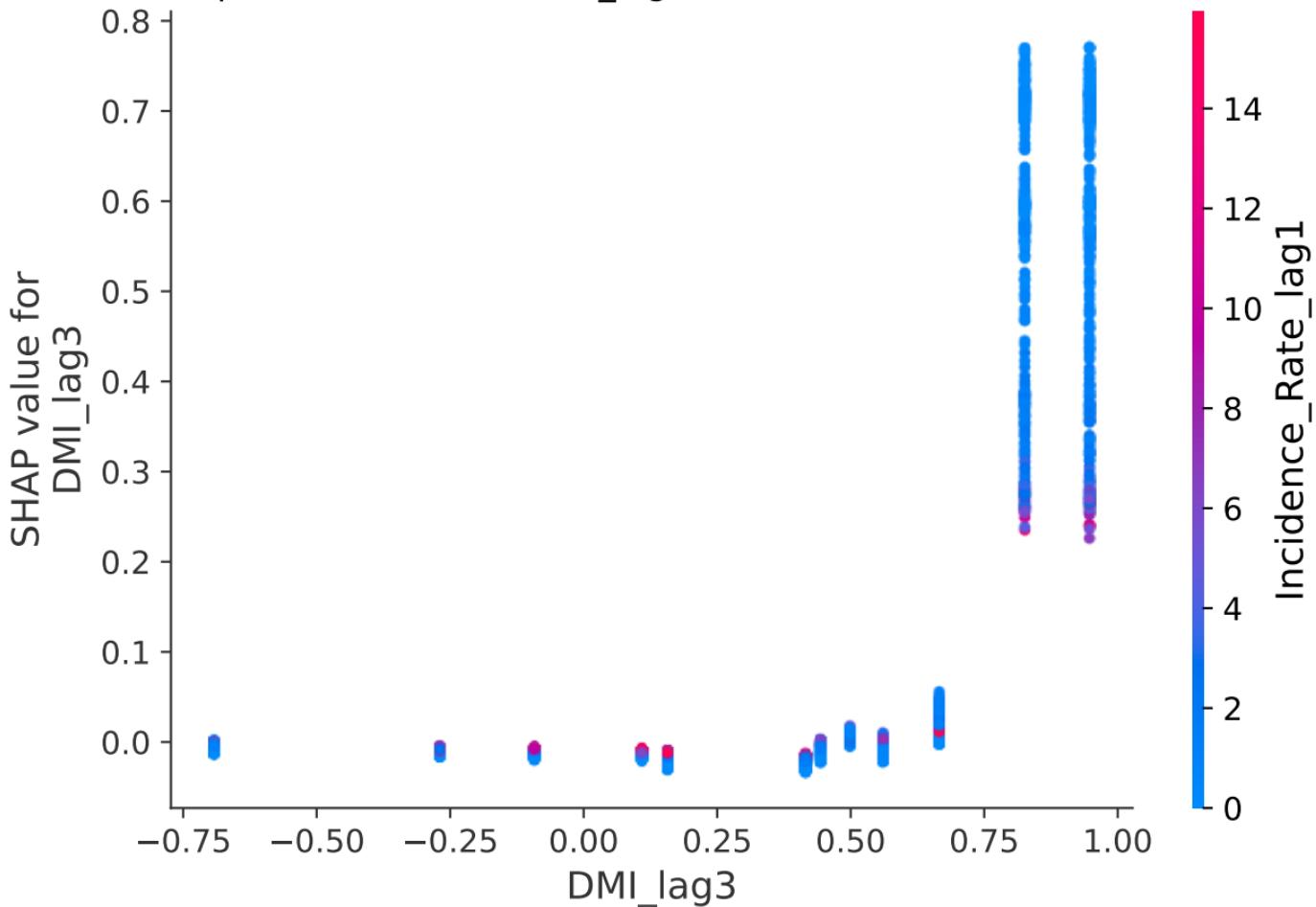
SHAP Dependence Plot for Class_80, Class 1 - Nationwide (Test Set)



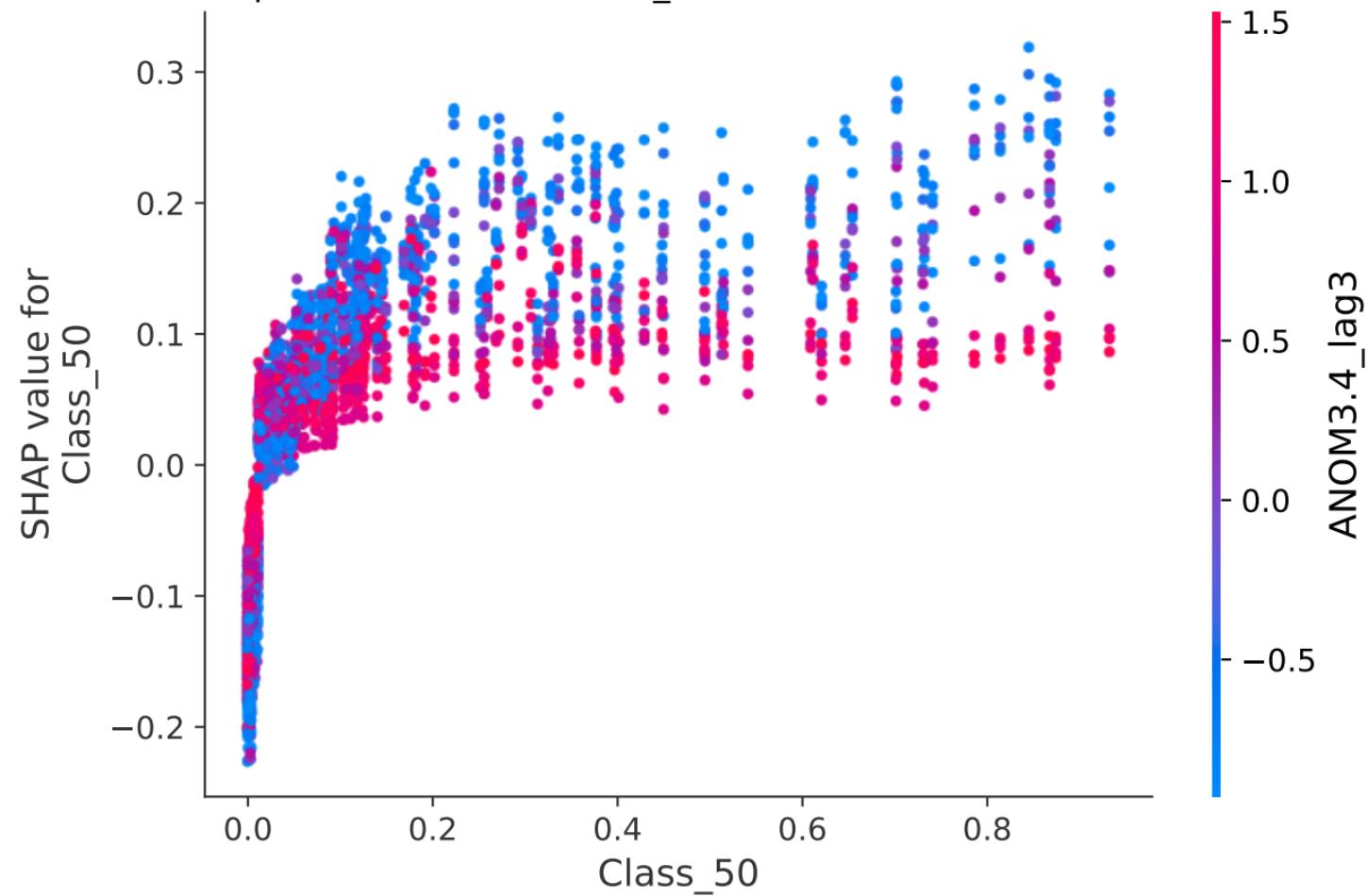
SHAP Dependence Plot for ANOM3_lag2, Class 2 - Nationwide (Test Set)



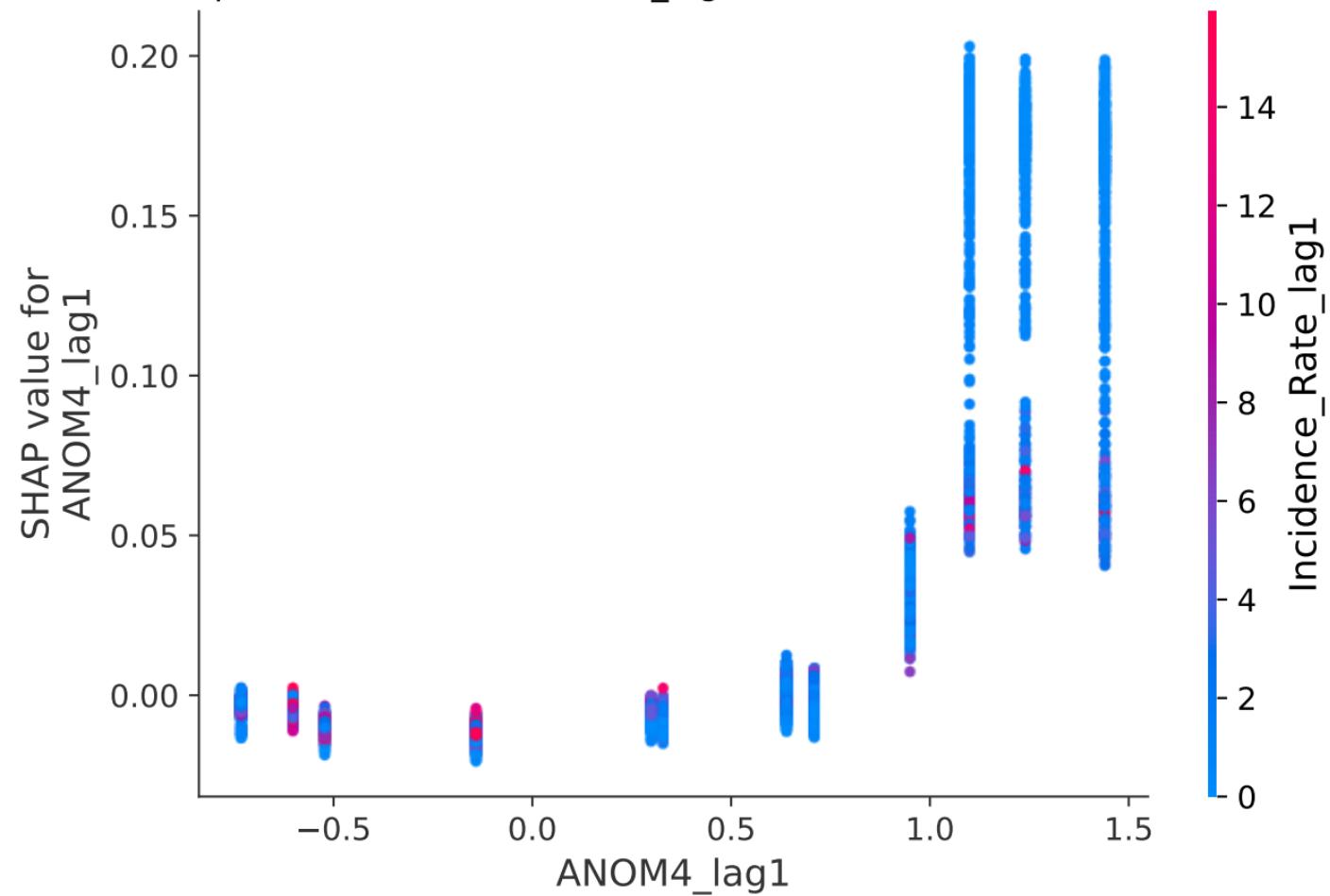
SHAP Dependence Plot for DMI_lag3, Class 2 - Nationwide (Test Set)



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



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



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

