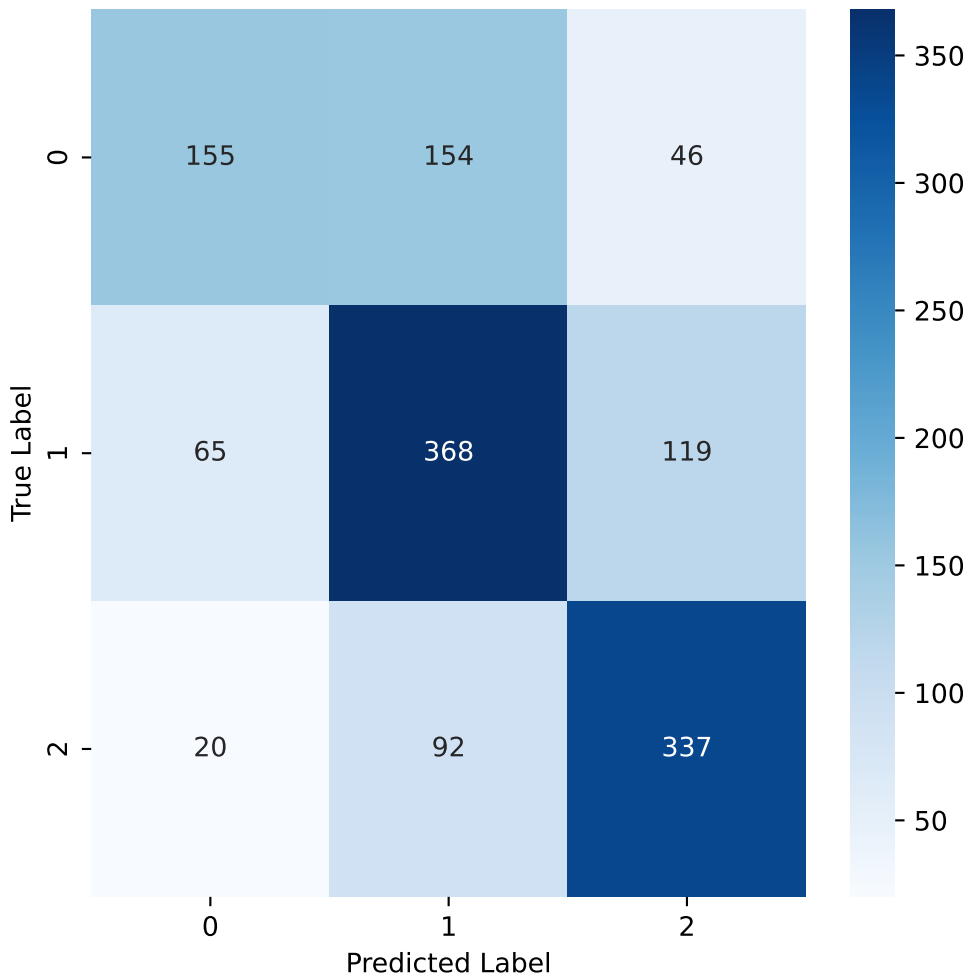
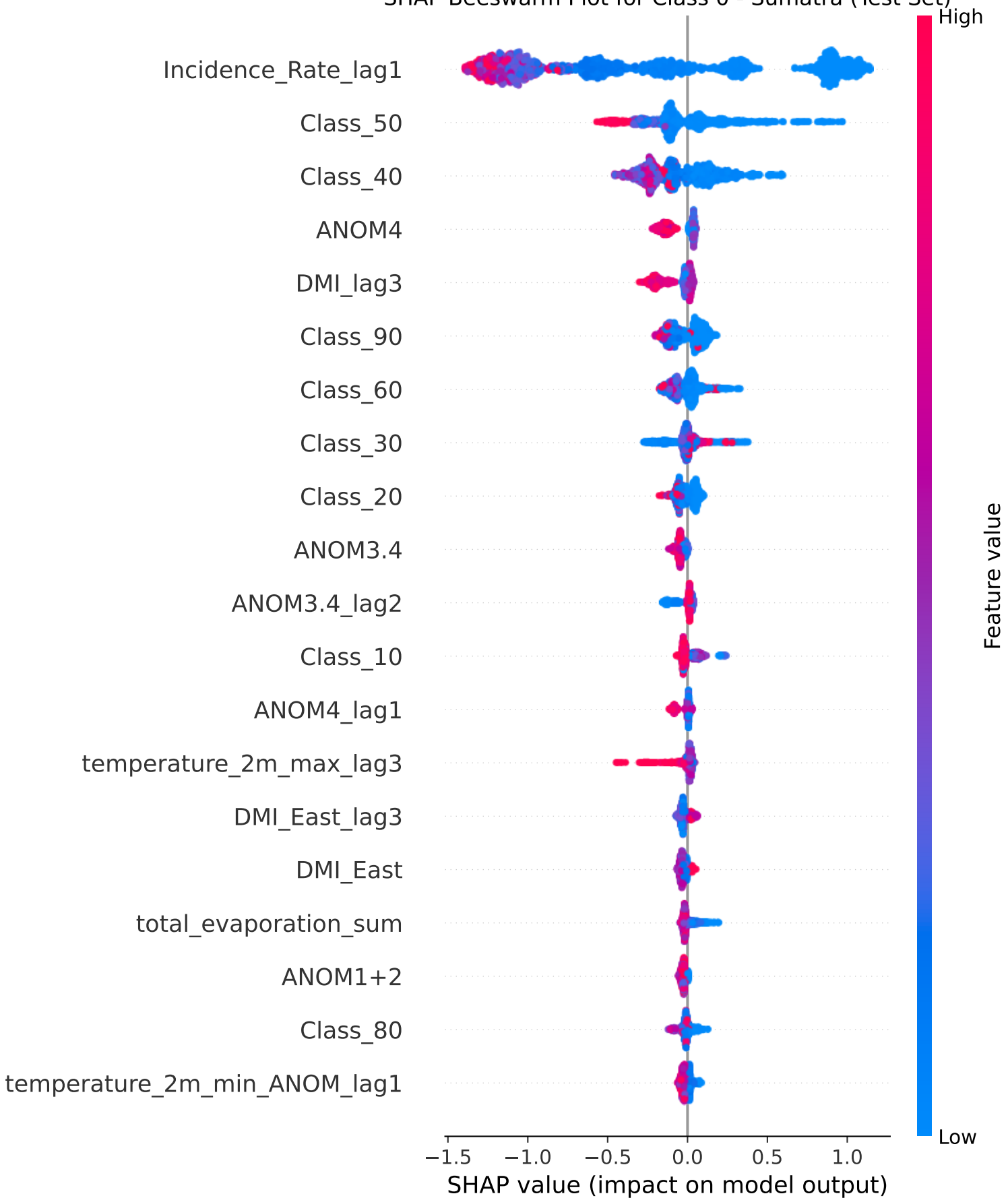


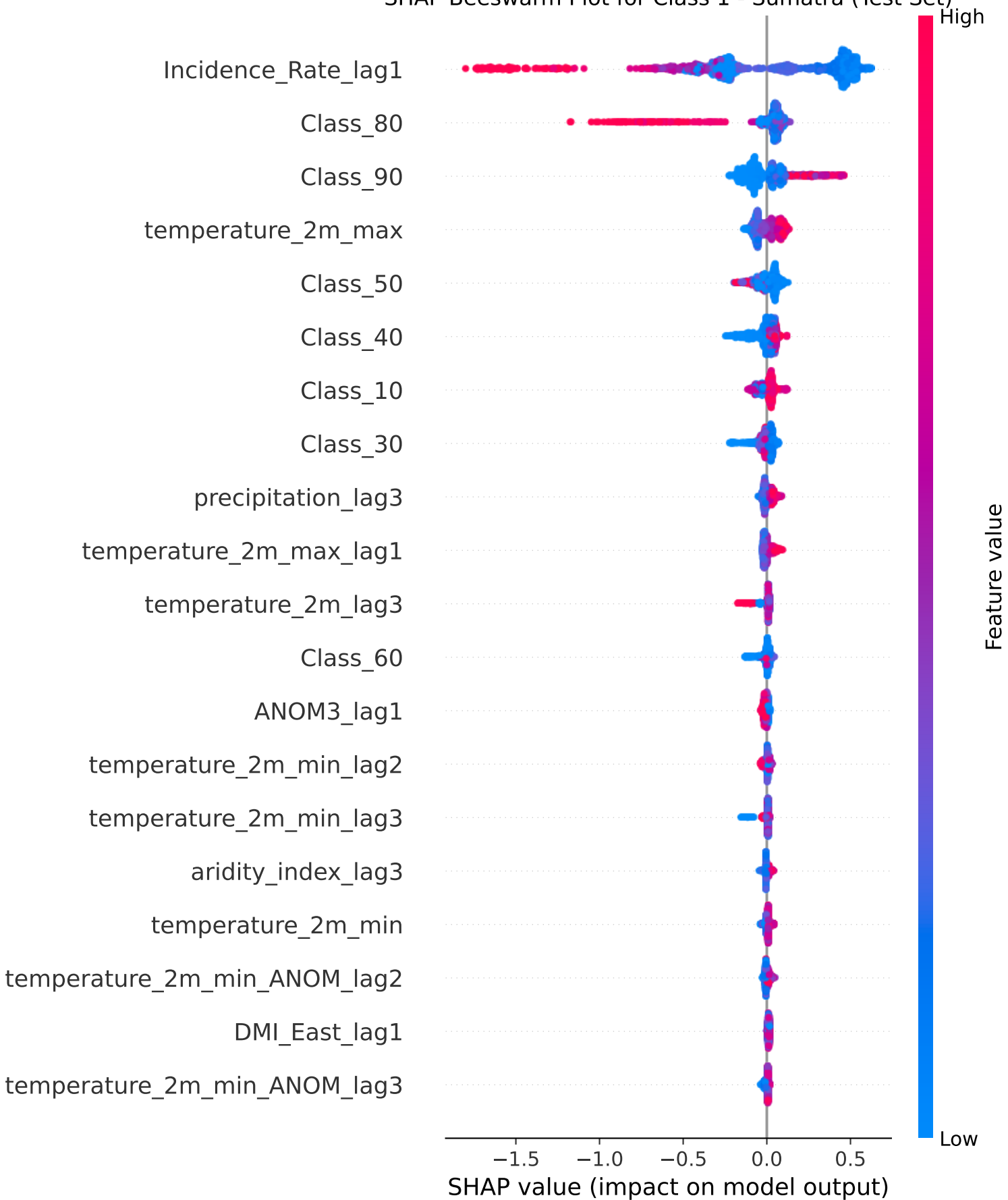
Confusion Matrix - Sumatra (Test Set)



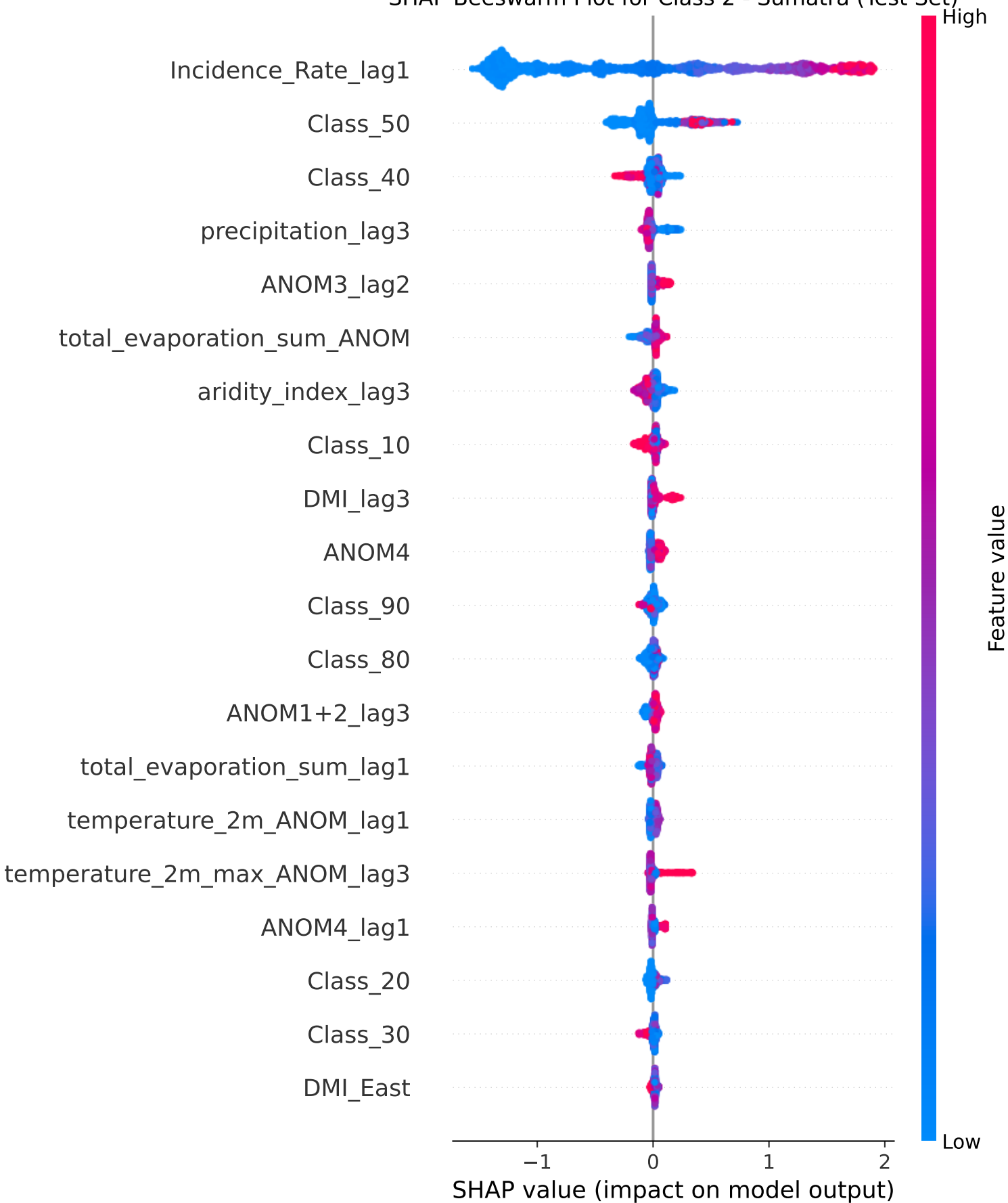
SHAP Beeswarm Plot for Class 0 - Sumatra (Test Set)



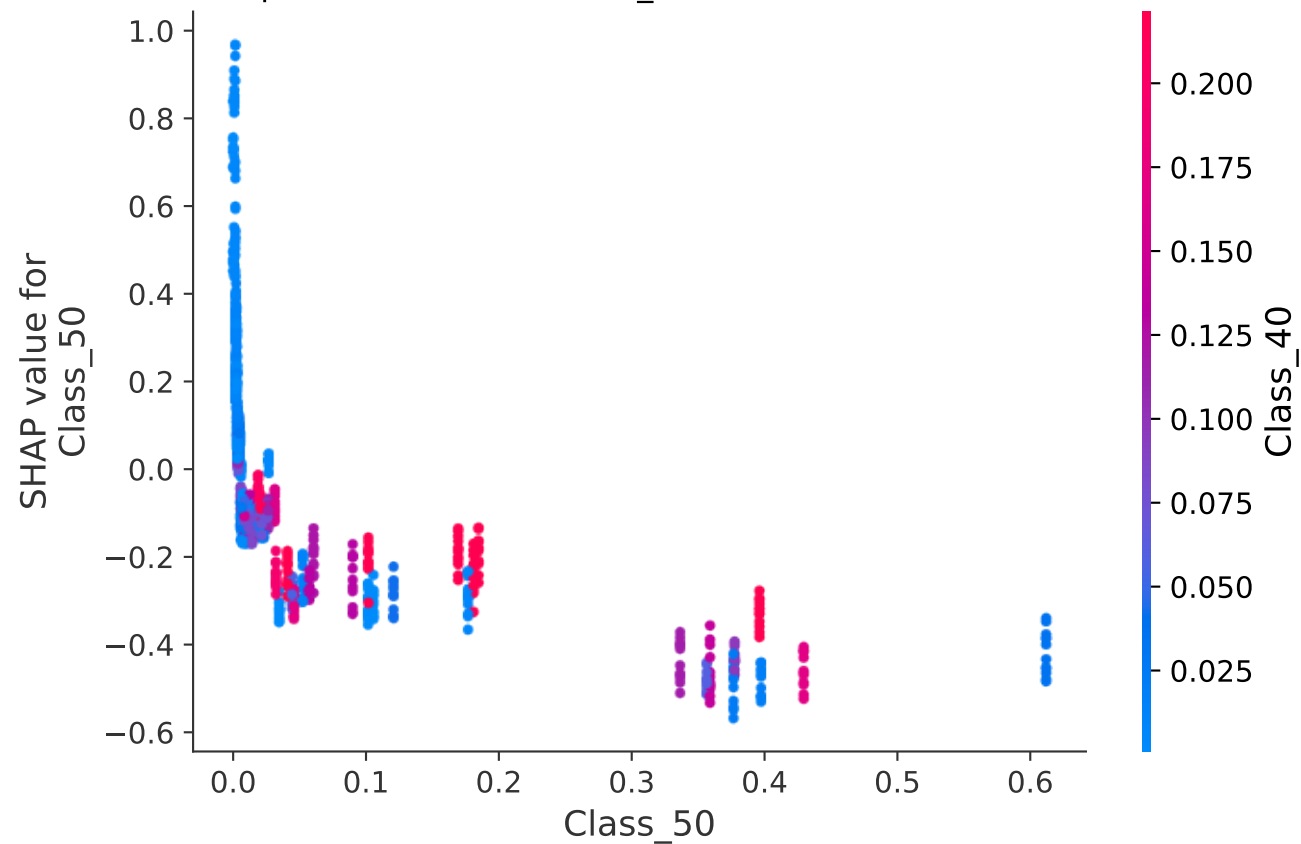
SHAP Beeswarm Plot for Class 1 - Sumatra (Test Set)



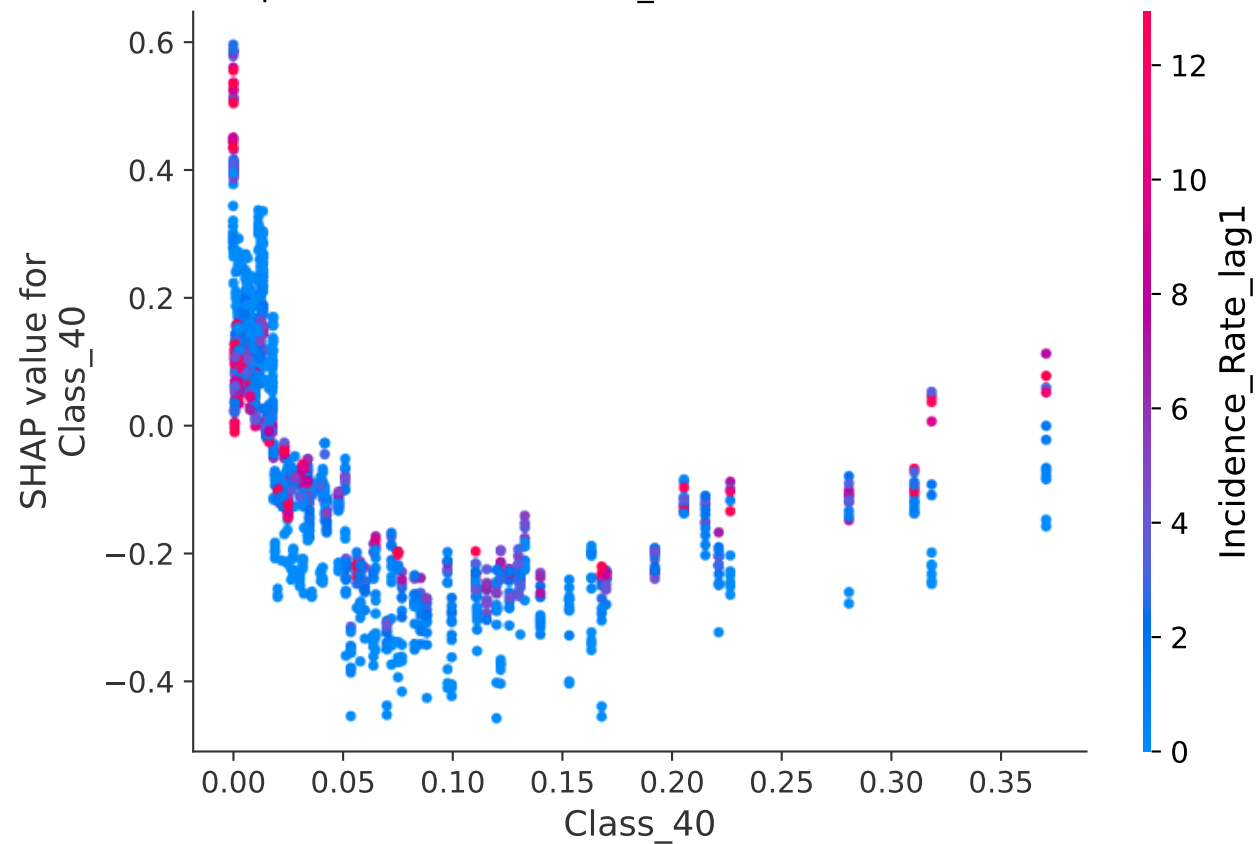
SHAP Beeswarm Plot for Class 2 - Sumatra (Test Set)



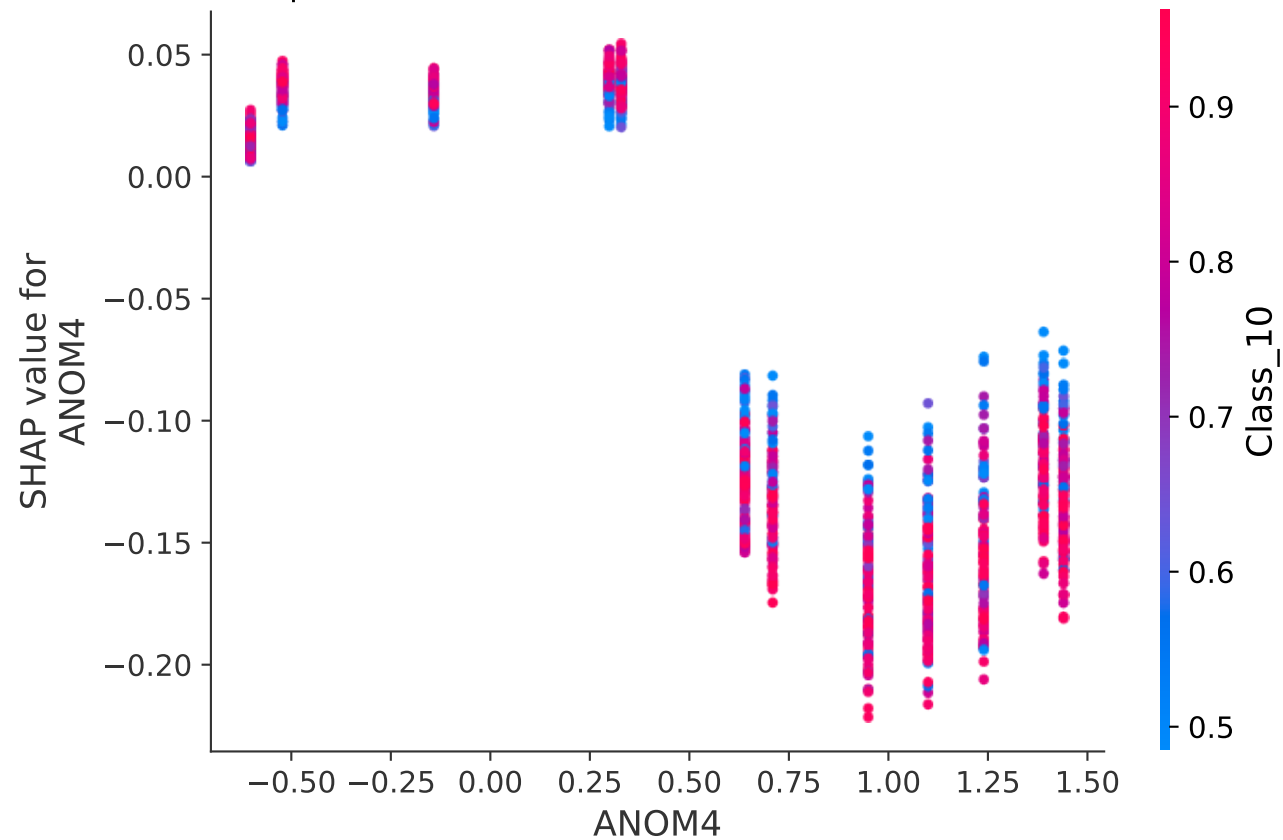
SHAP Dependence Plot for Class_50, Class 0 - Sumatra (Test Set)



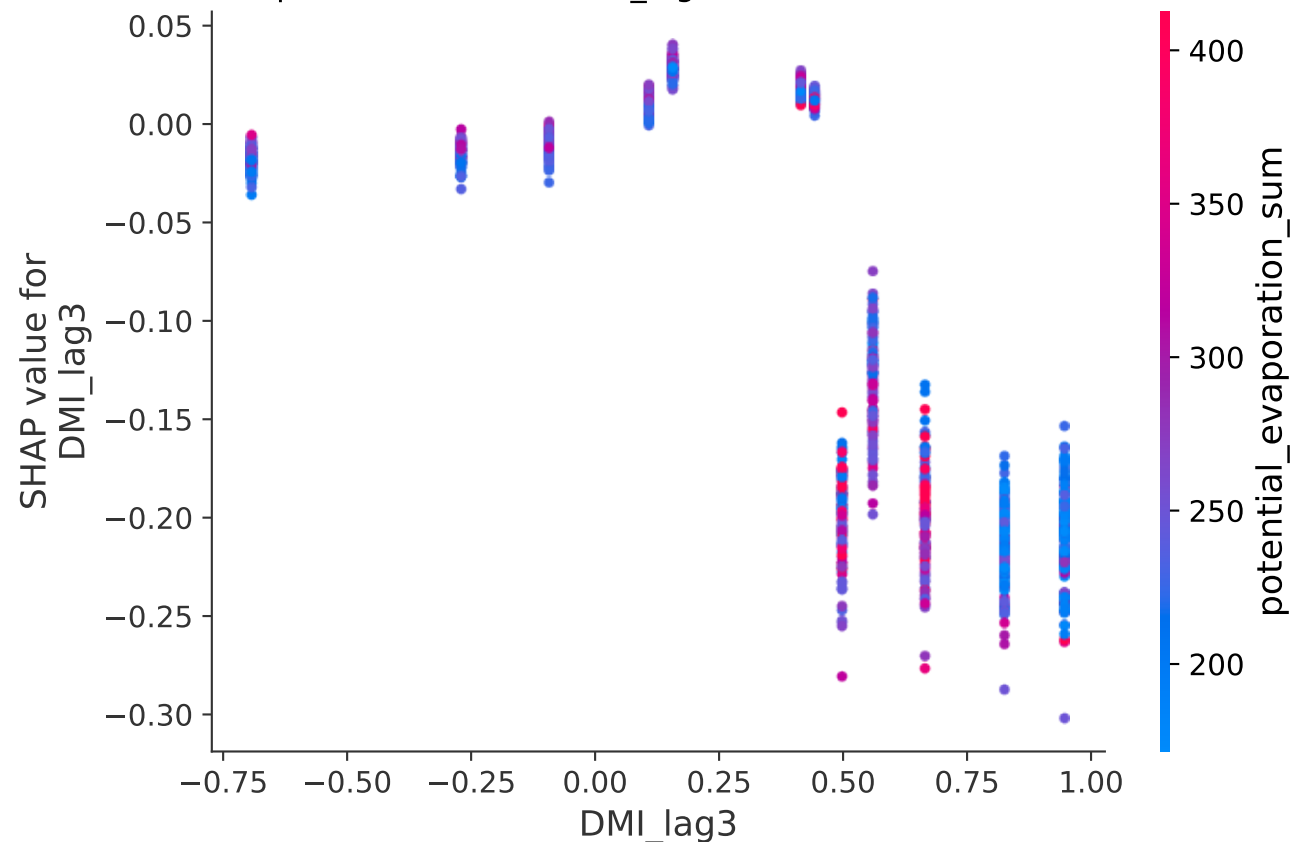
SHAP Dependence Plot for Class_40, Class 0 - Sumatra (Test Set)



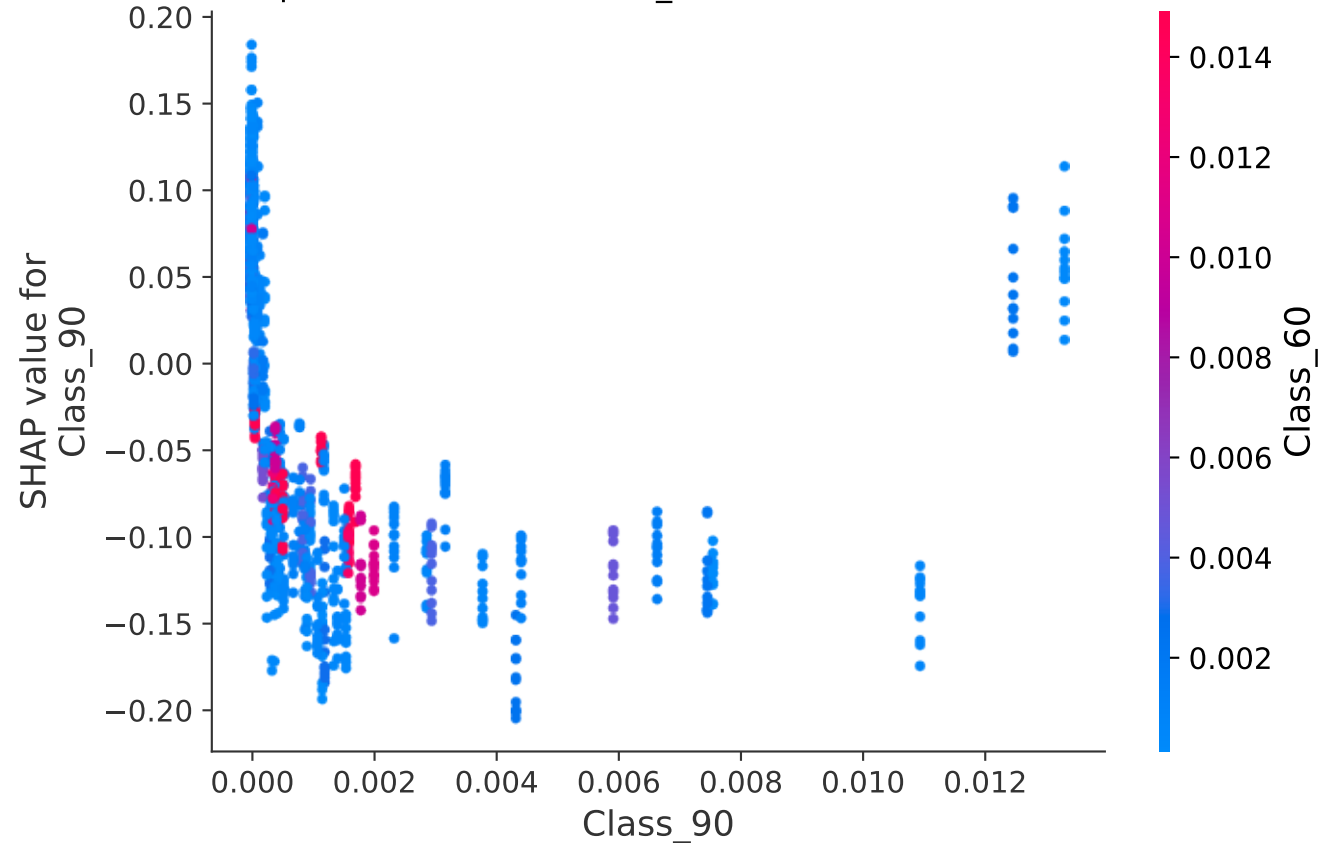
SHAP Dependence Plot for ANOM4, Class 0 - Sumatra (Test Set)



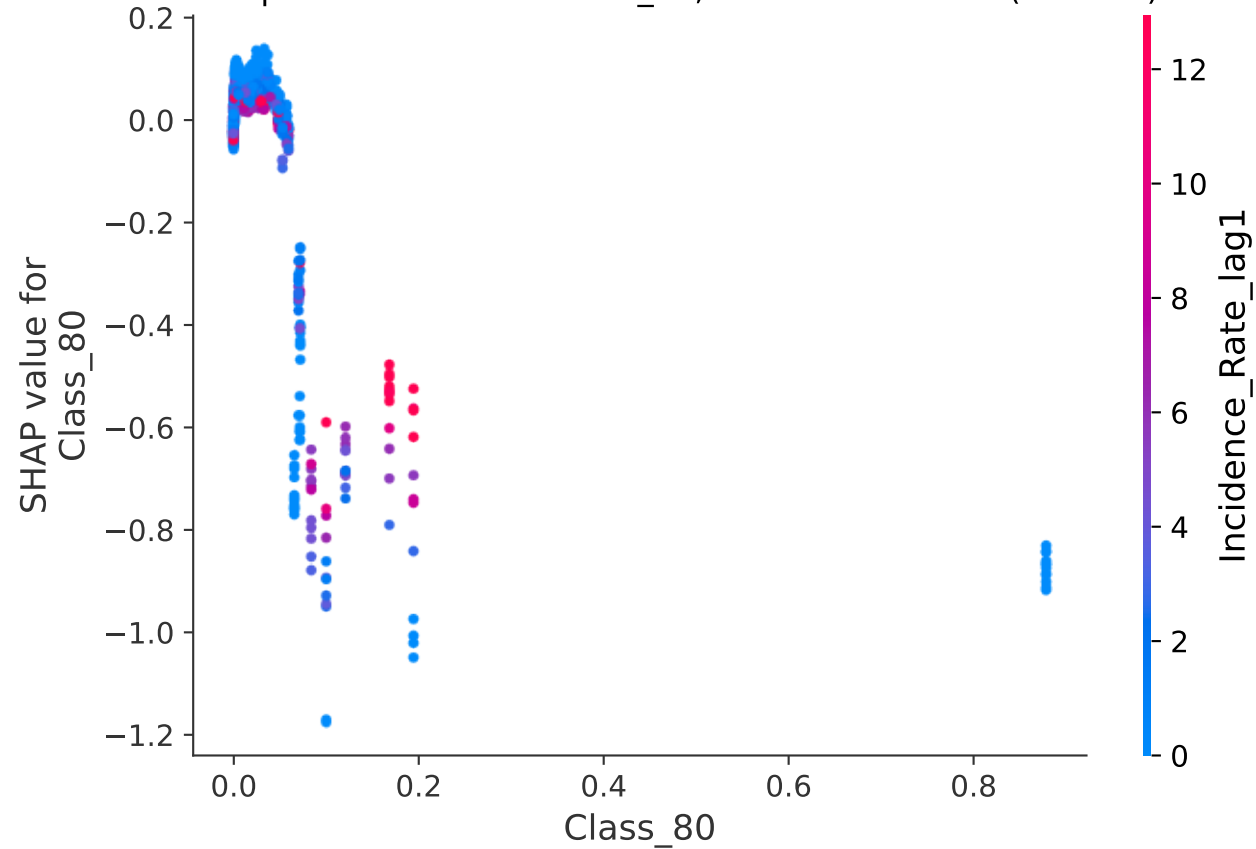
SHAP Dependence Plot for DMI_lag3, Class 0 - Sumatra (Test Set)



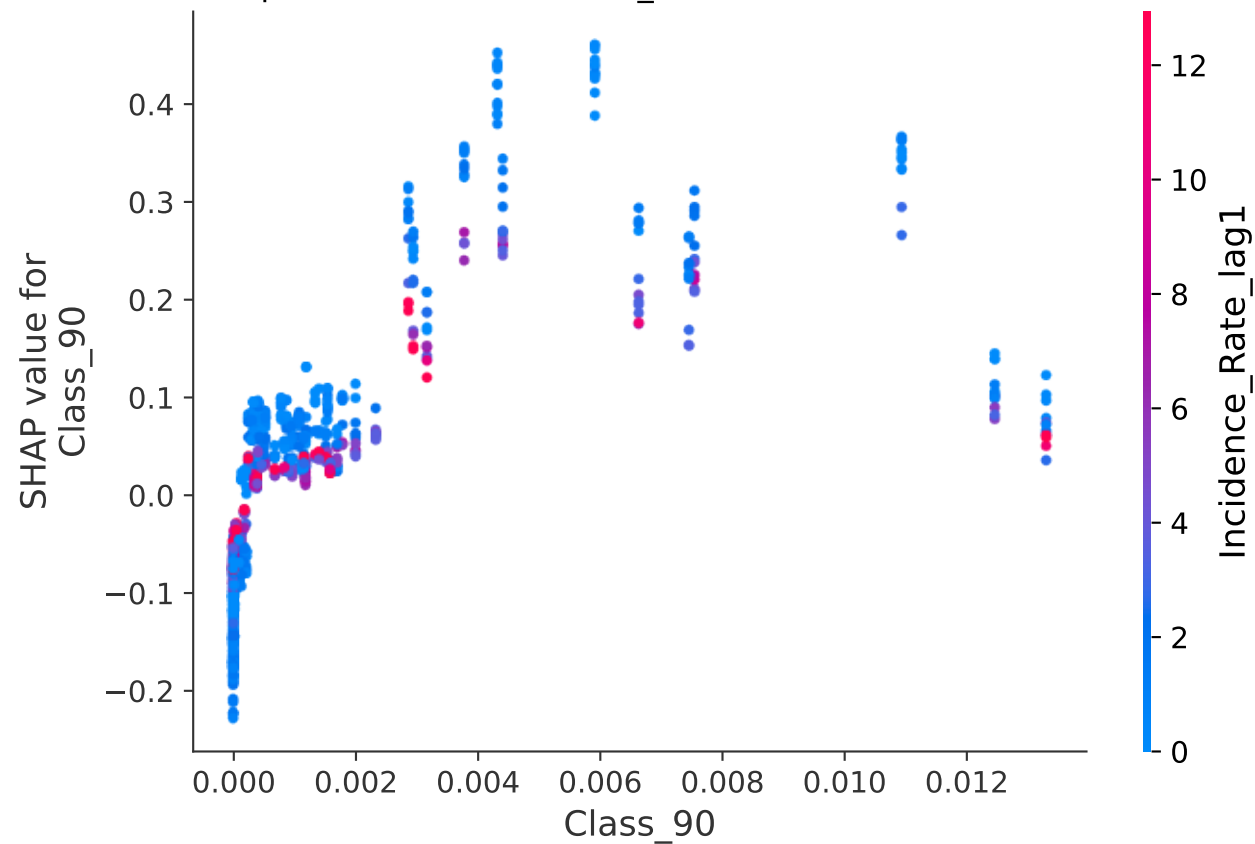
SHAP Dependence Plot for Class_90, Class 0 - Sumatra (Test Set)



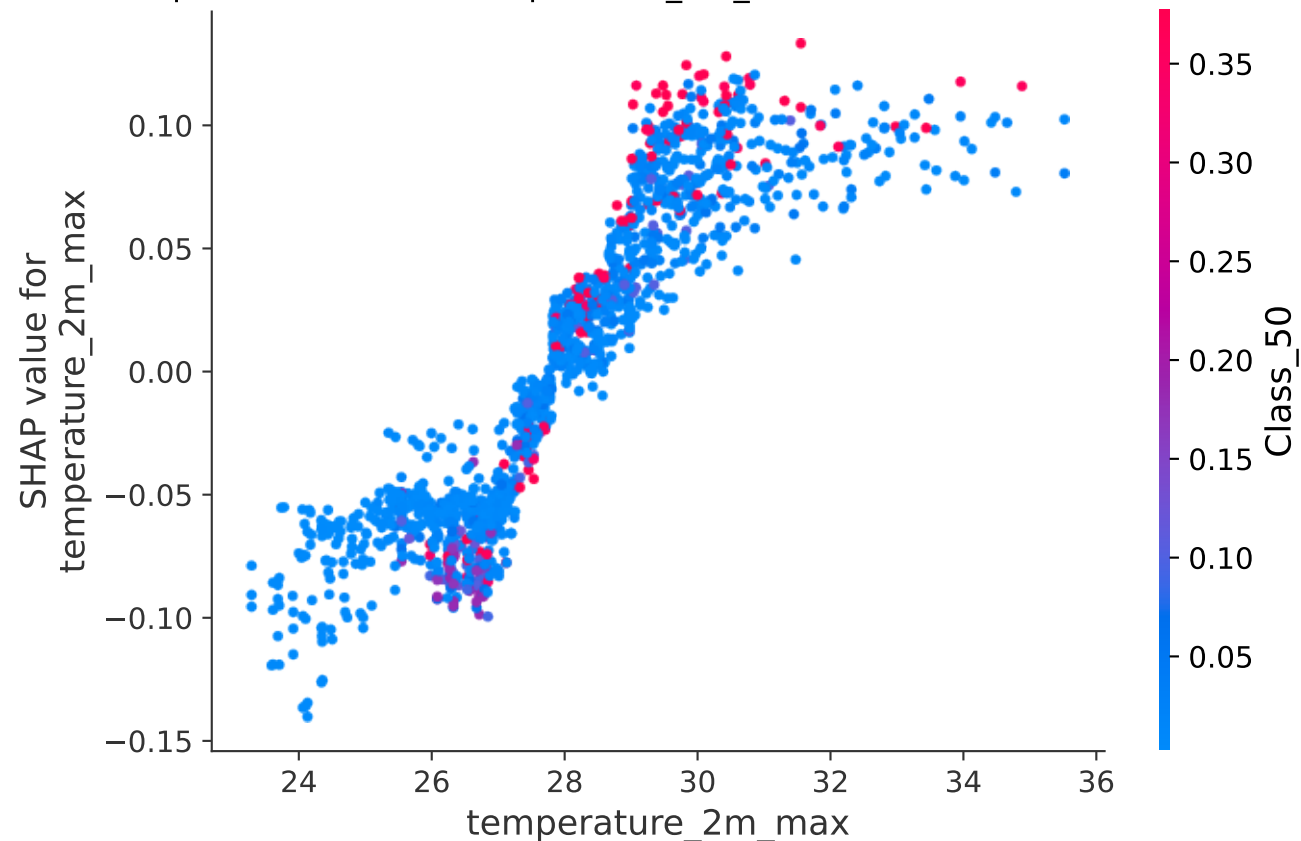
SHAP Dependence Plot for Class_80, Class 1 - Sumatra (Test Set)



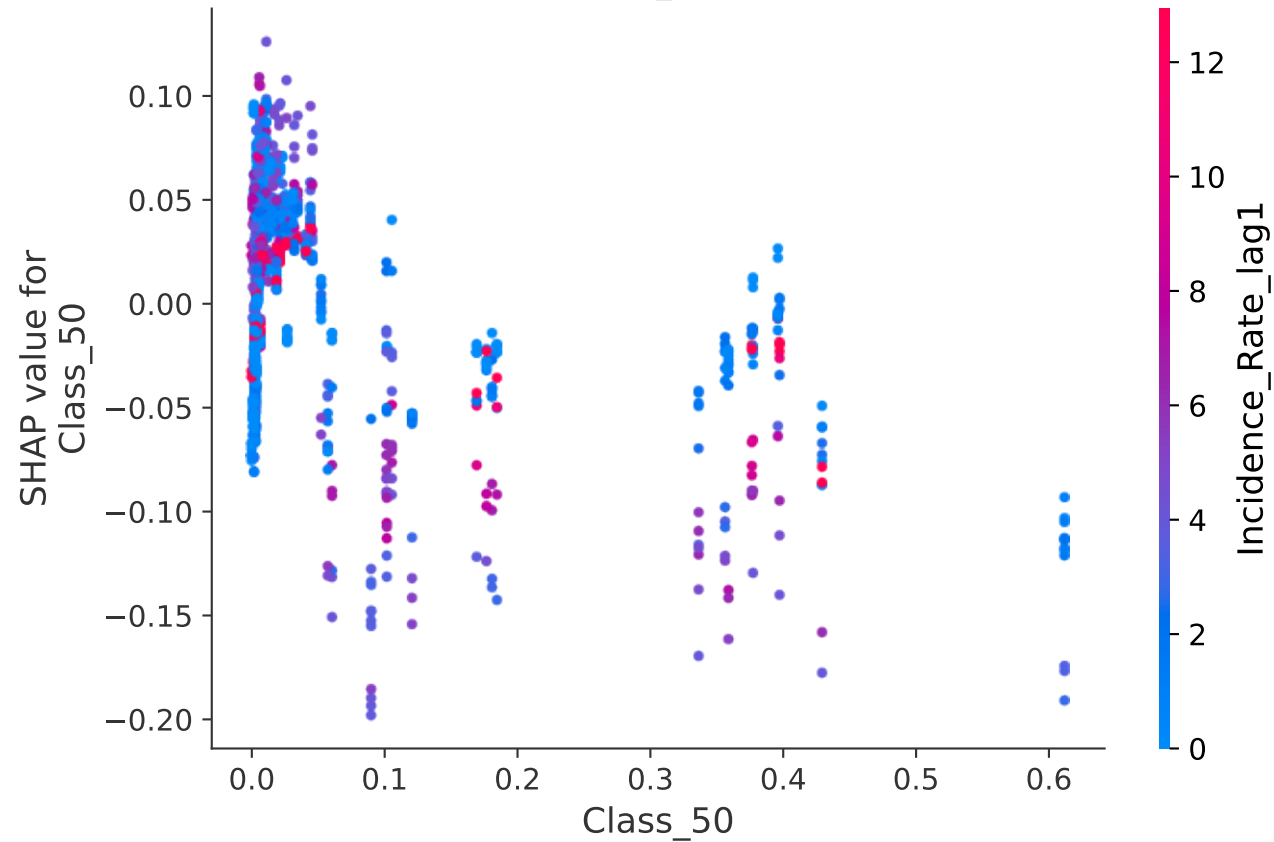
SHAP Dependence Plot for Class_90, Class 1 - Sumatra (Test Set)



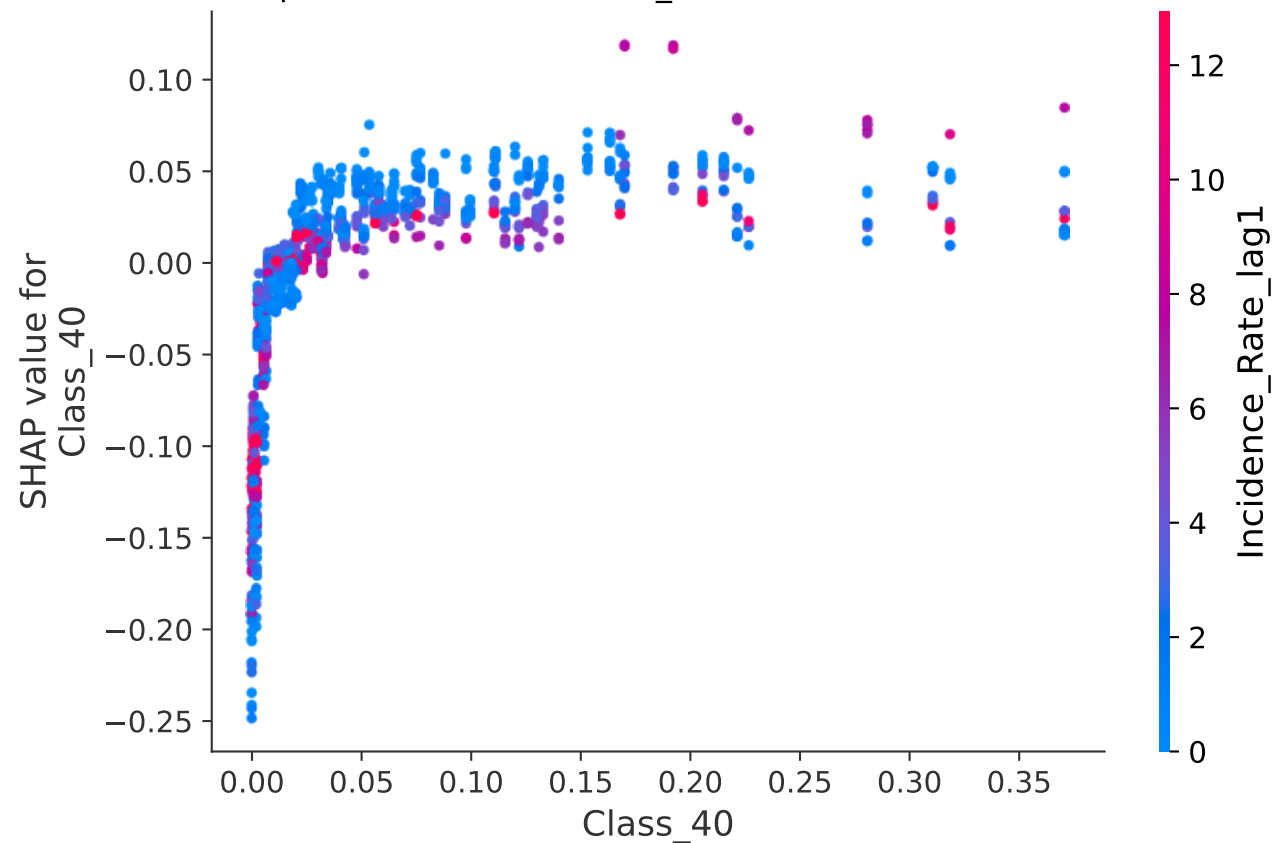
SHAP Dependence Plot for temperature_2m_max, Class 1 - Sumatra (Test Set)



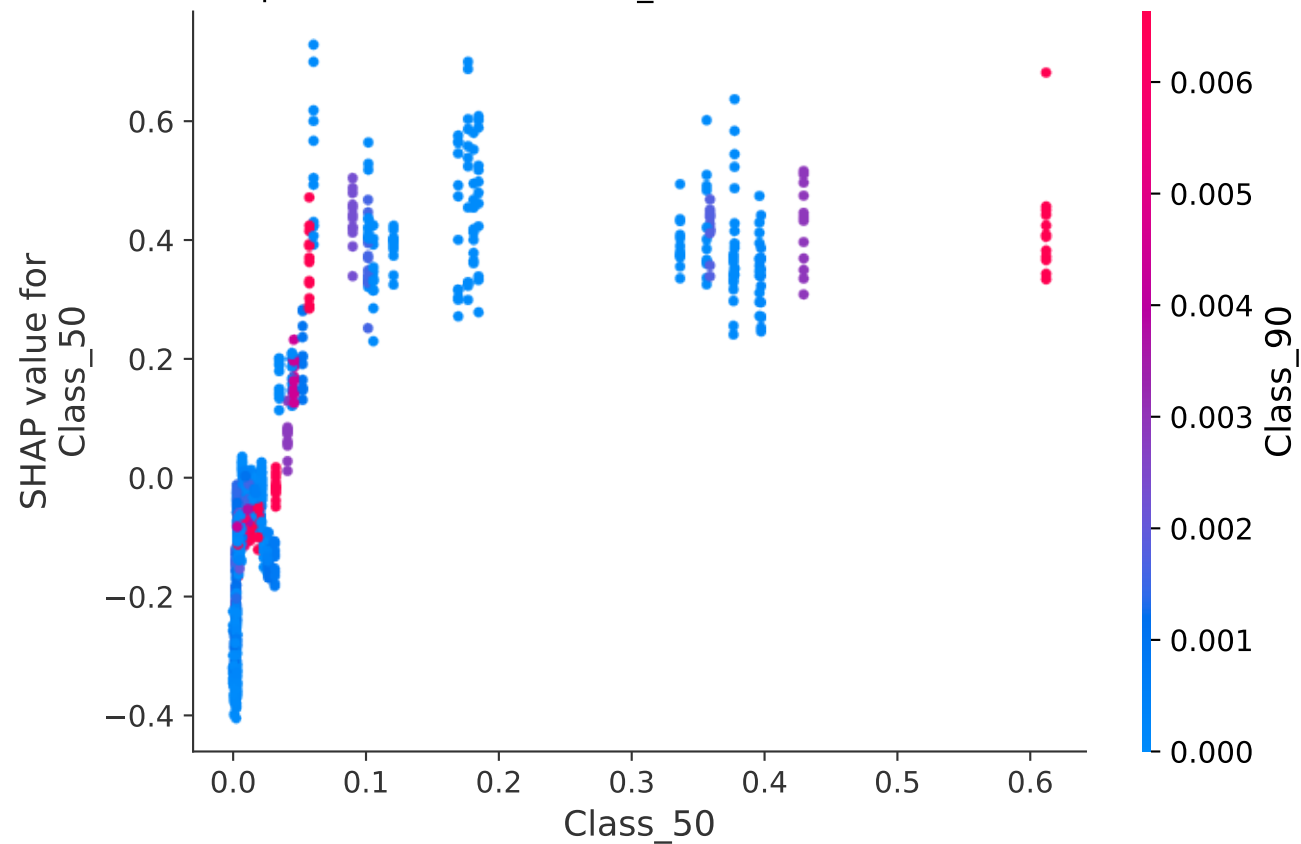
SHAP Dependence Plot for Class_50, Class 1 - Sumatra (Test Set)



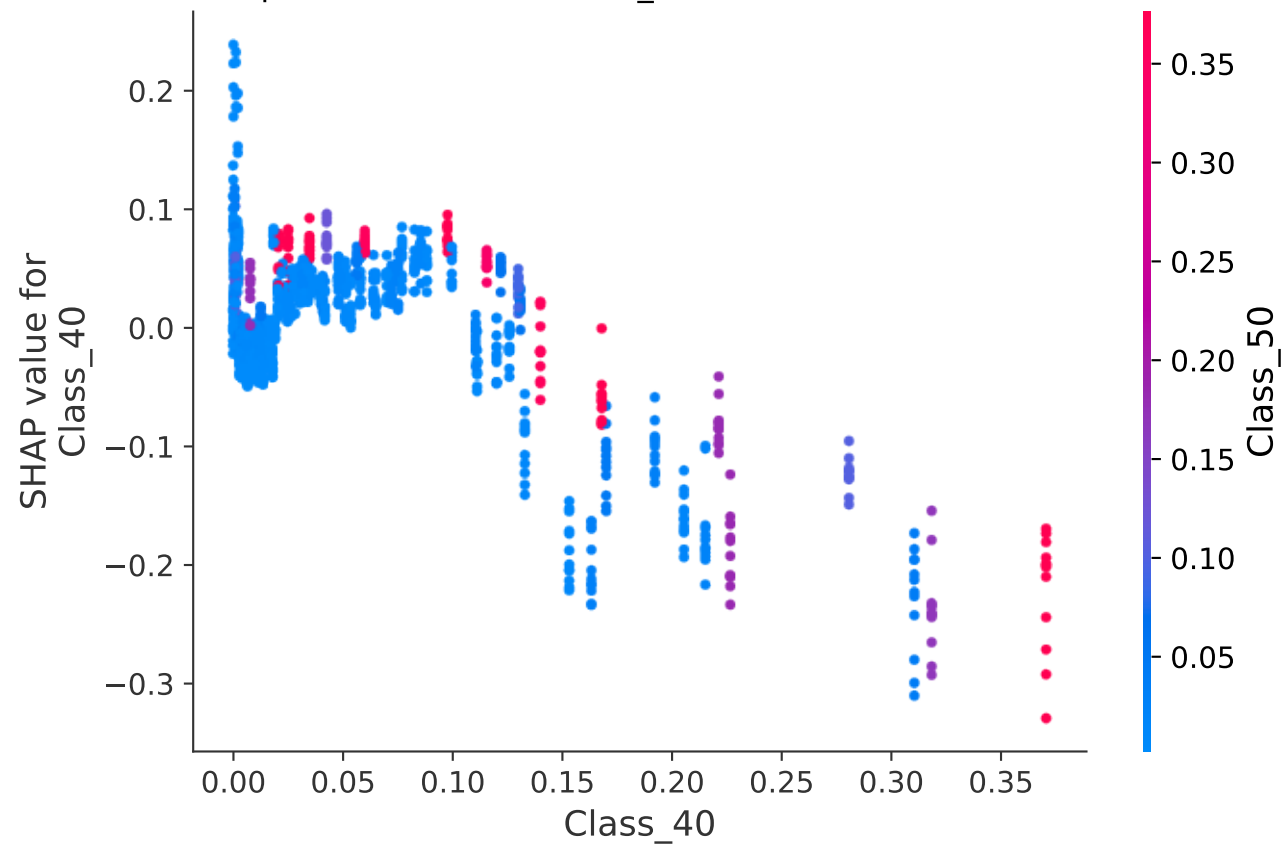
SHAP Dependence Plot for Class_40, Class 1 - Sumatra (Test Set)



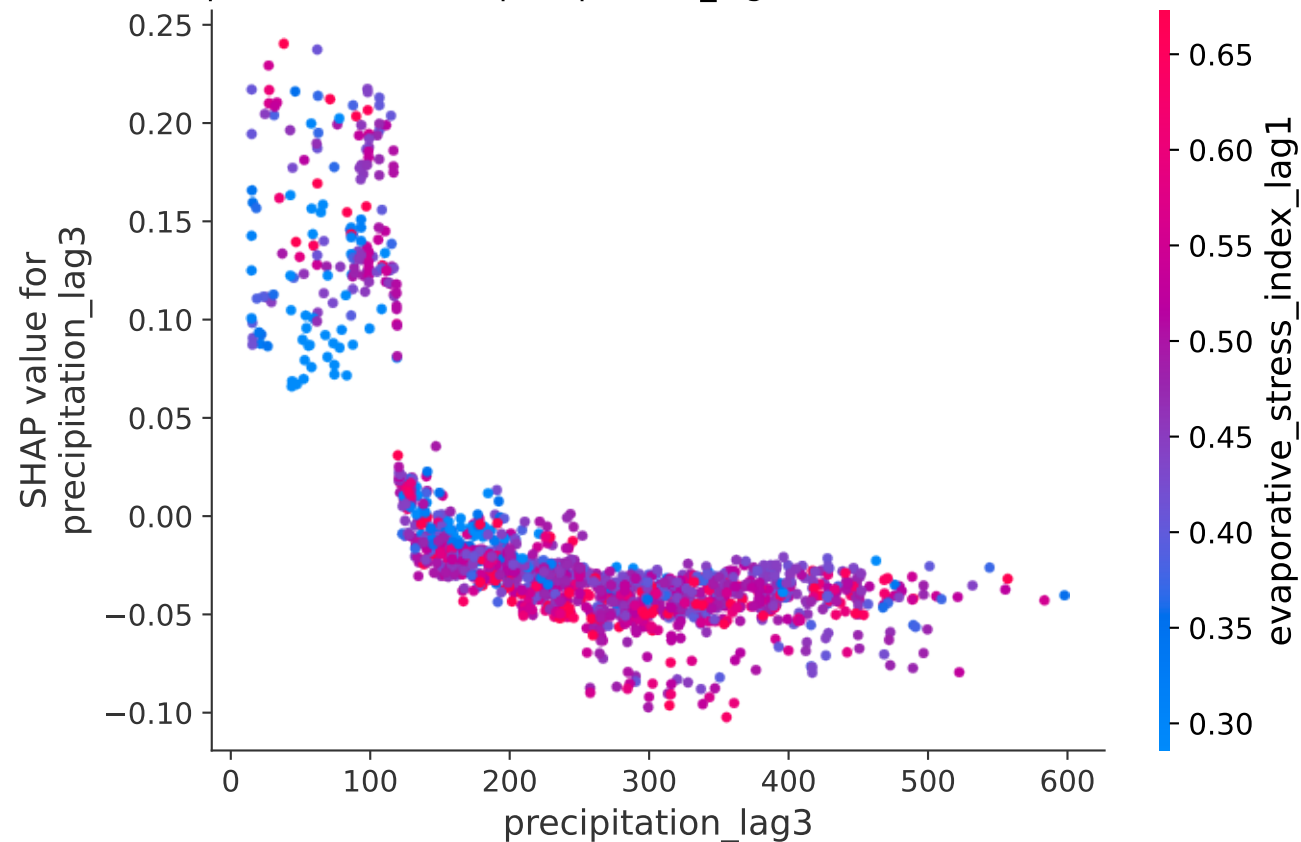
SHAP Dependence Plot for Class_50, Class 2 - Sumatra (Test Set)



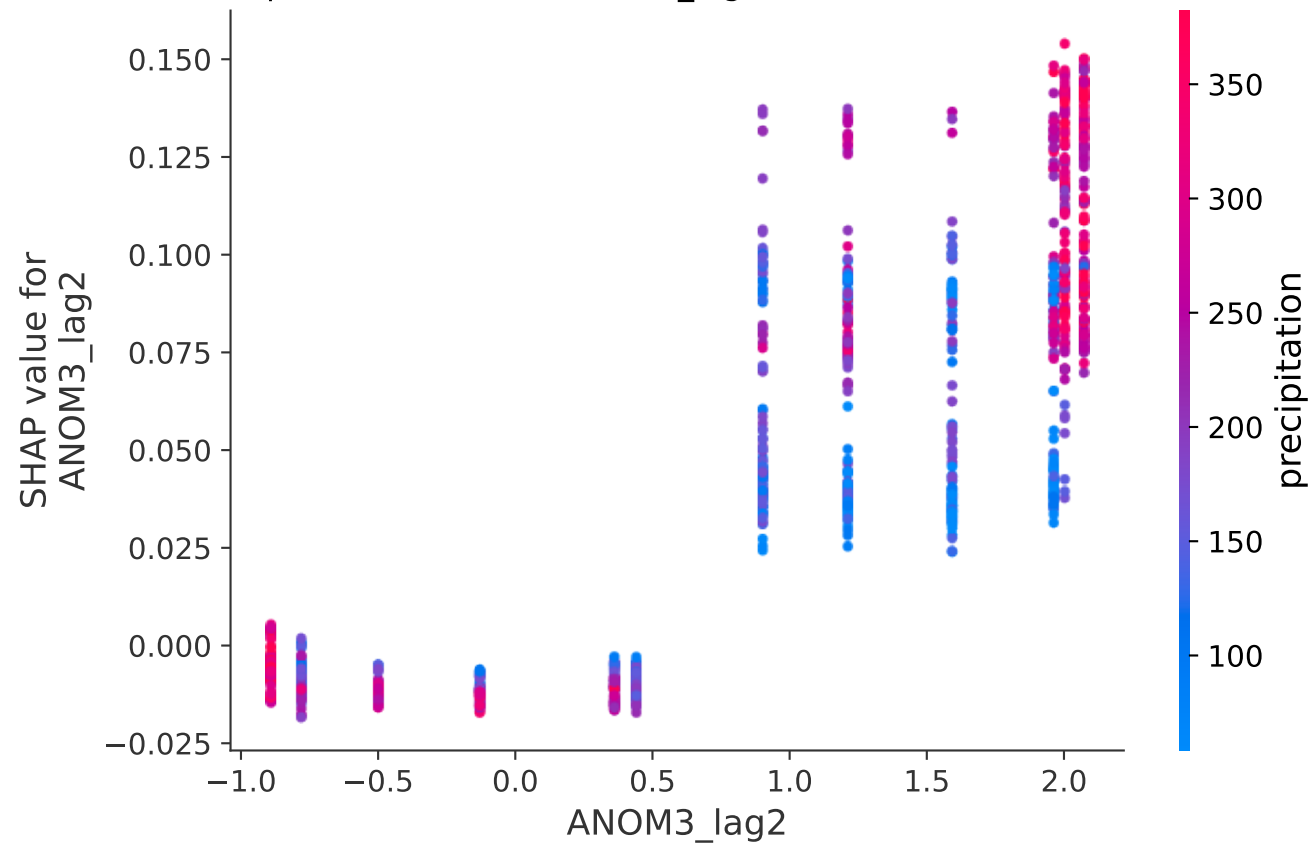
SHAP Dependence Plot for Class_40, Class 2 - Sumatra (Test Set)



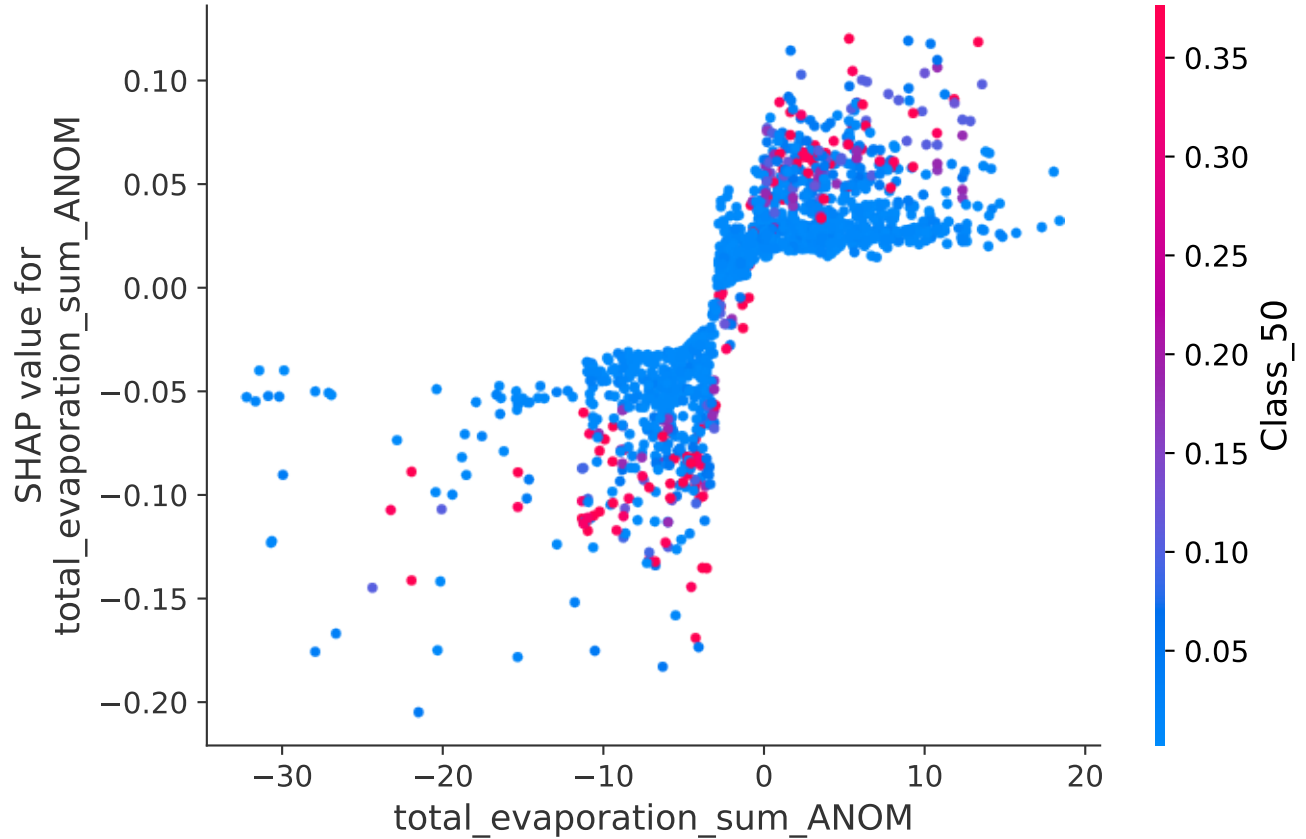
SHAP Dependence Plot for precipitation_lag3, Class 2 - Sumatra (Test Set)



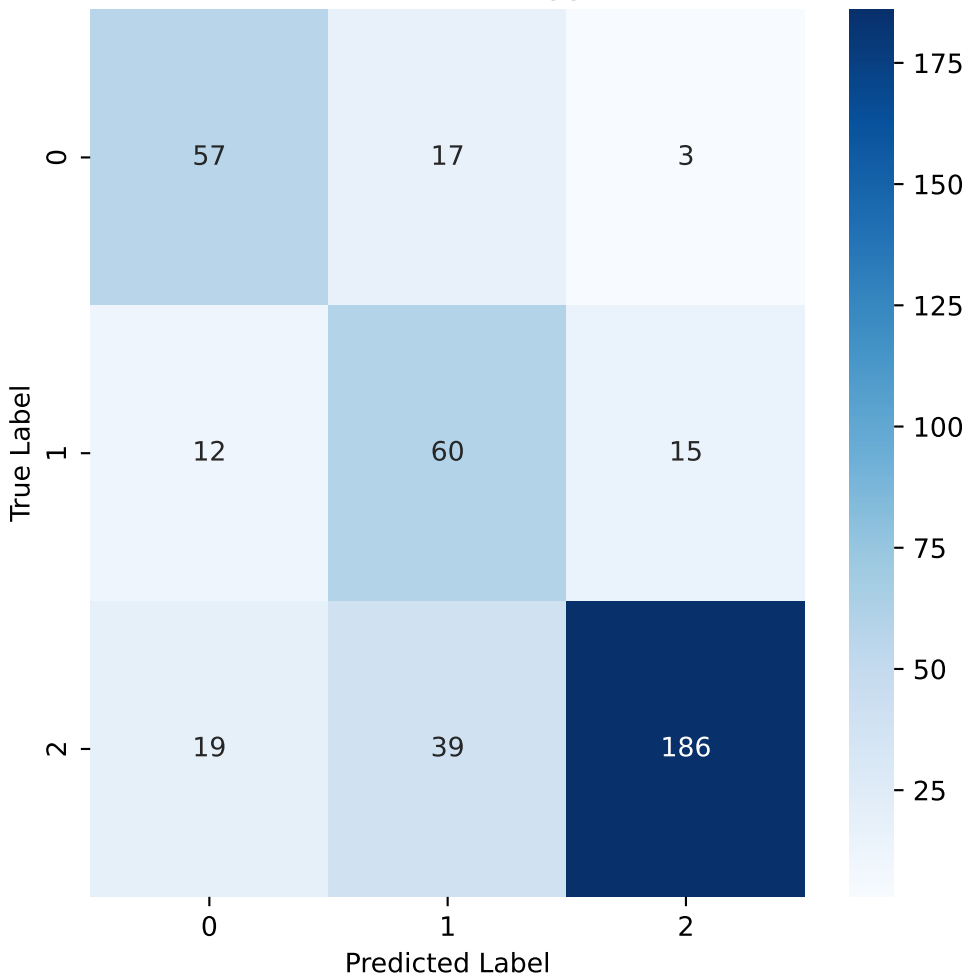
SHAP Dependence Plot for ANOM3_lag2, Class 2 - Sumatra (Test Set)



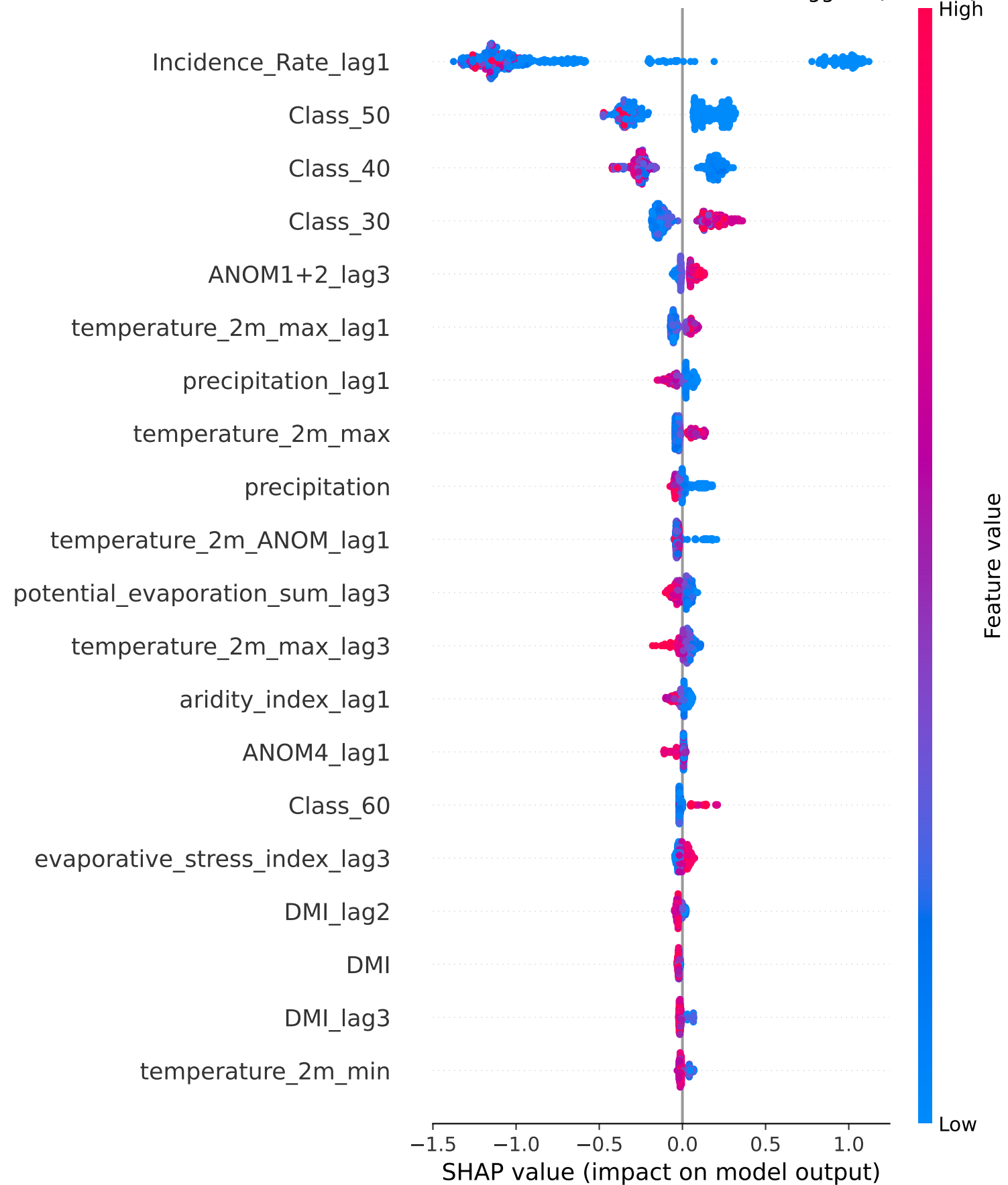
SHAP Dependence Plot for total_evaporation_sum_ANOM, Class 2 - Sumatra (Test Set)



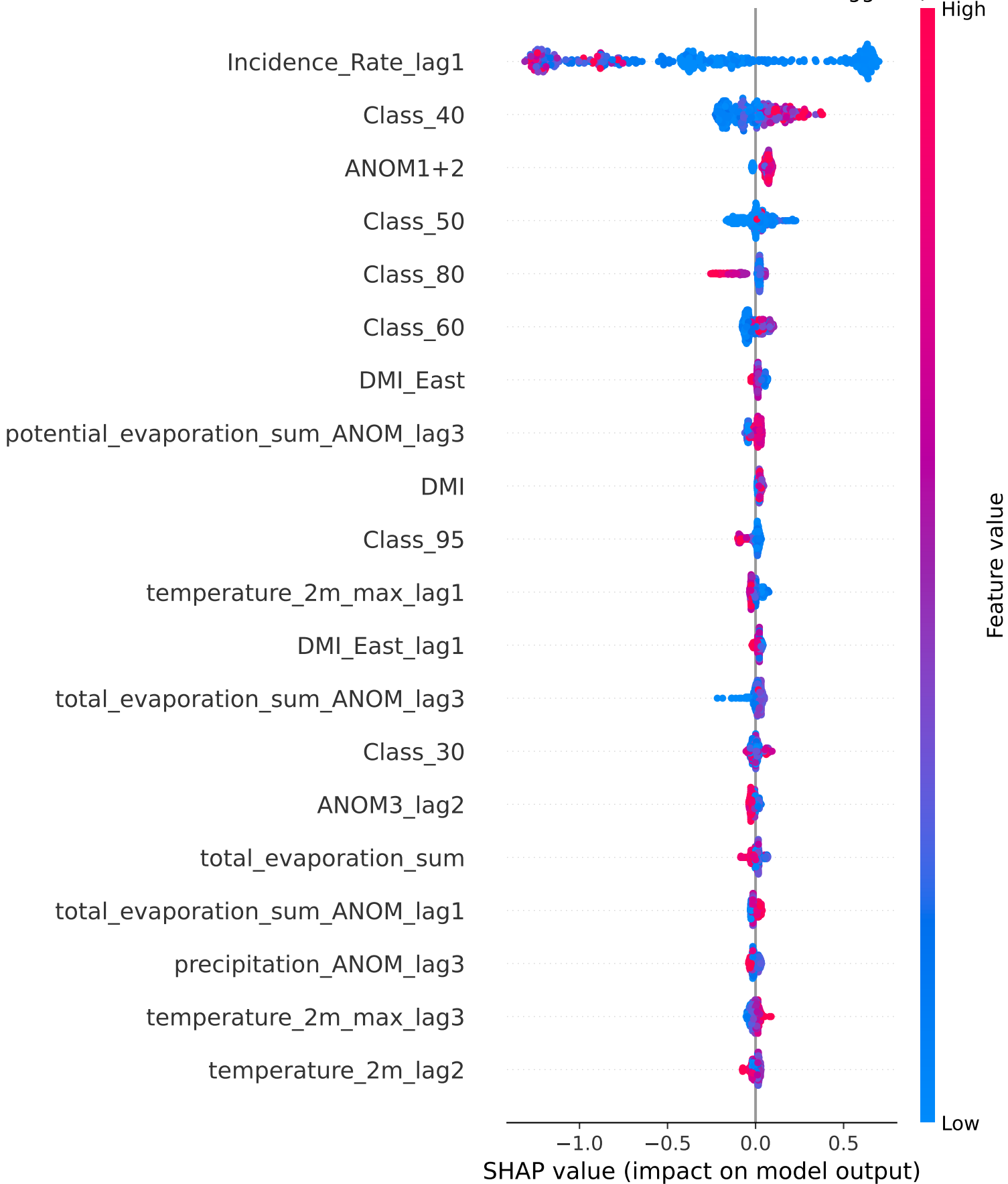
Confusion Matrix - Nusa Tenggara (Test Set)



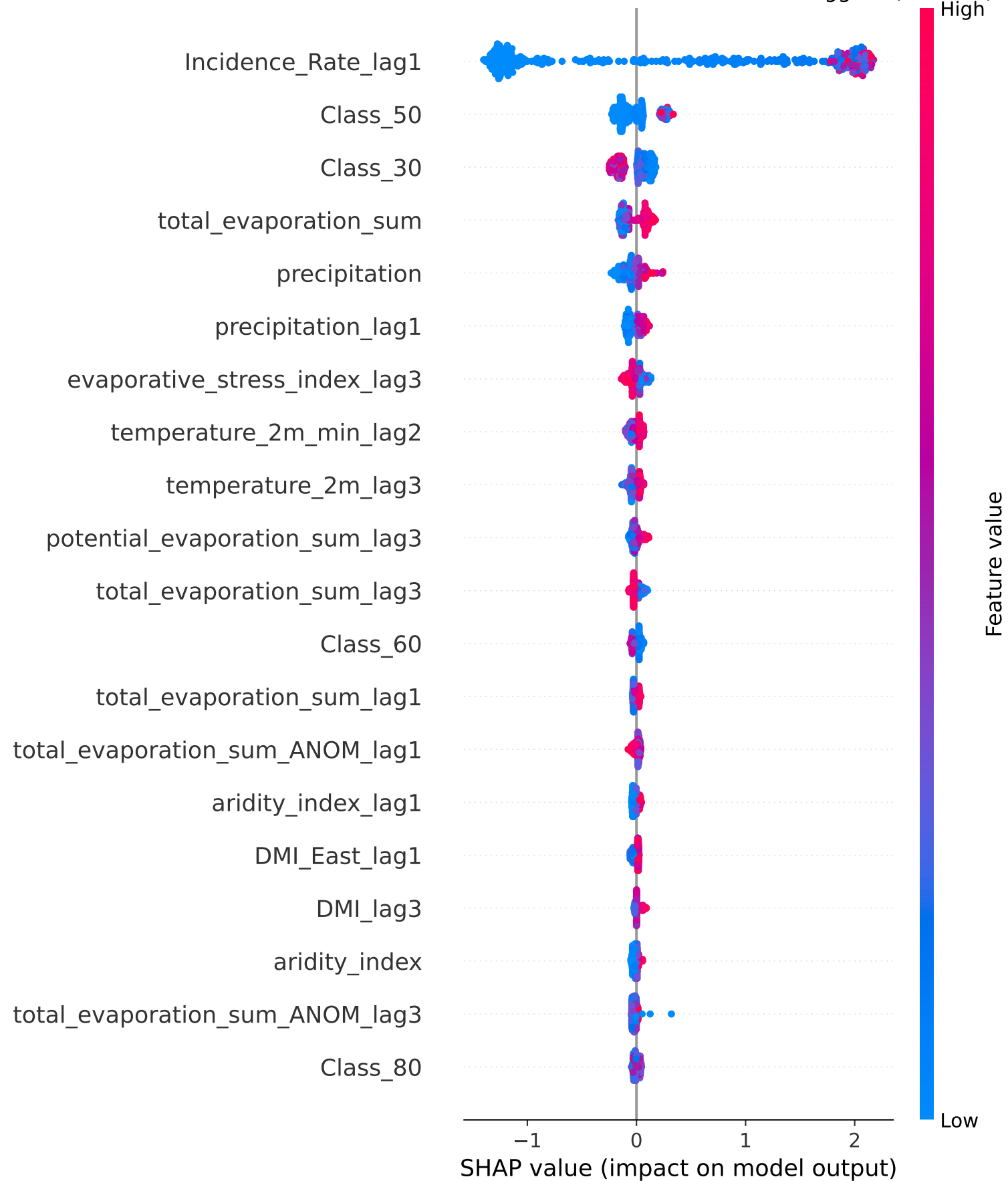
SHAP Beeswarm Plot for Class 0 - Nusa Tenggara (Test Set)



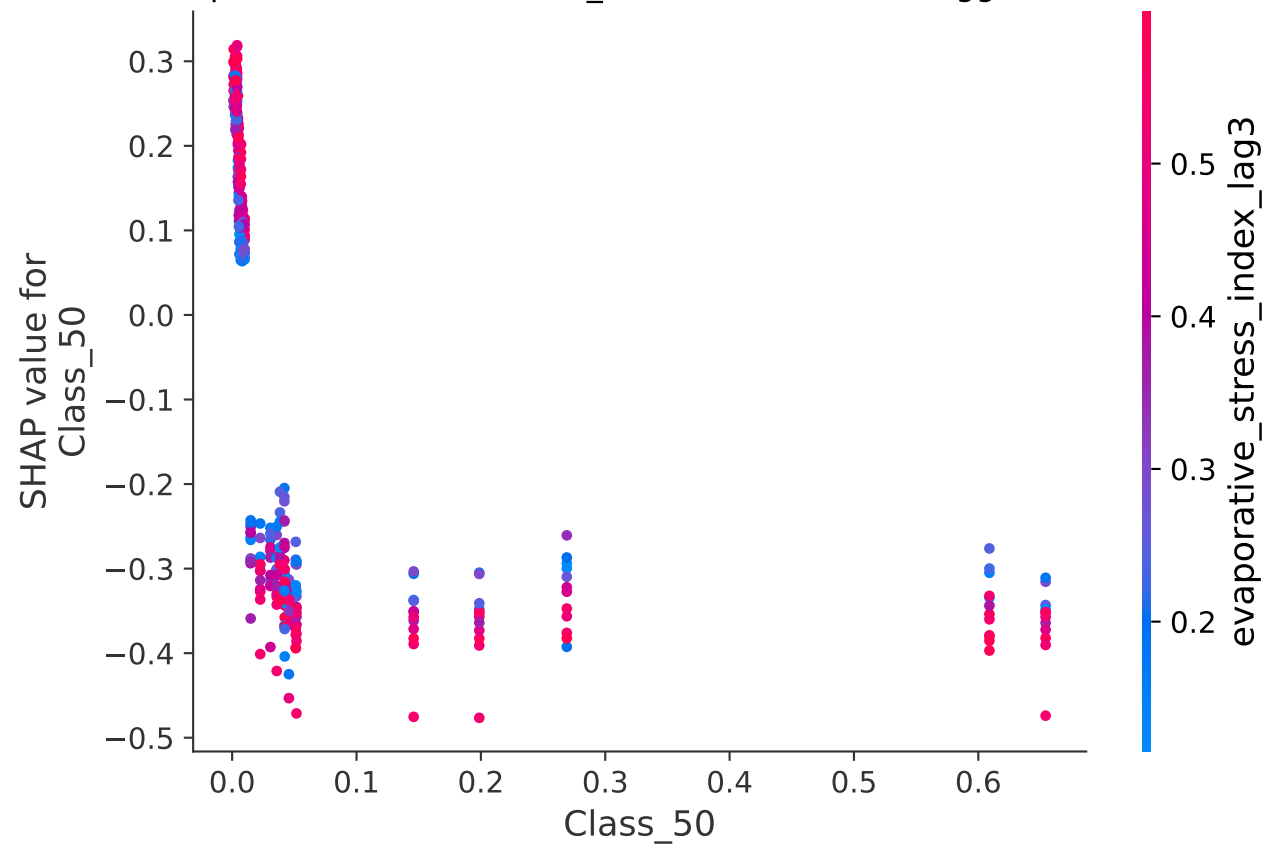
SHAP Beeswarm Plot for Class 1 - Nusa Tenggara (Test Set)



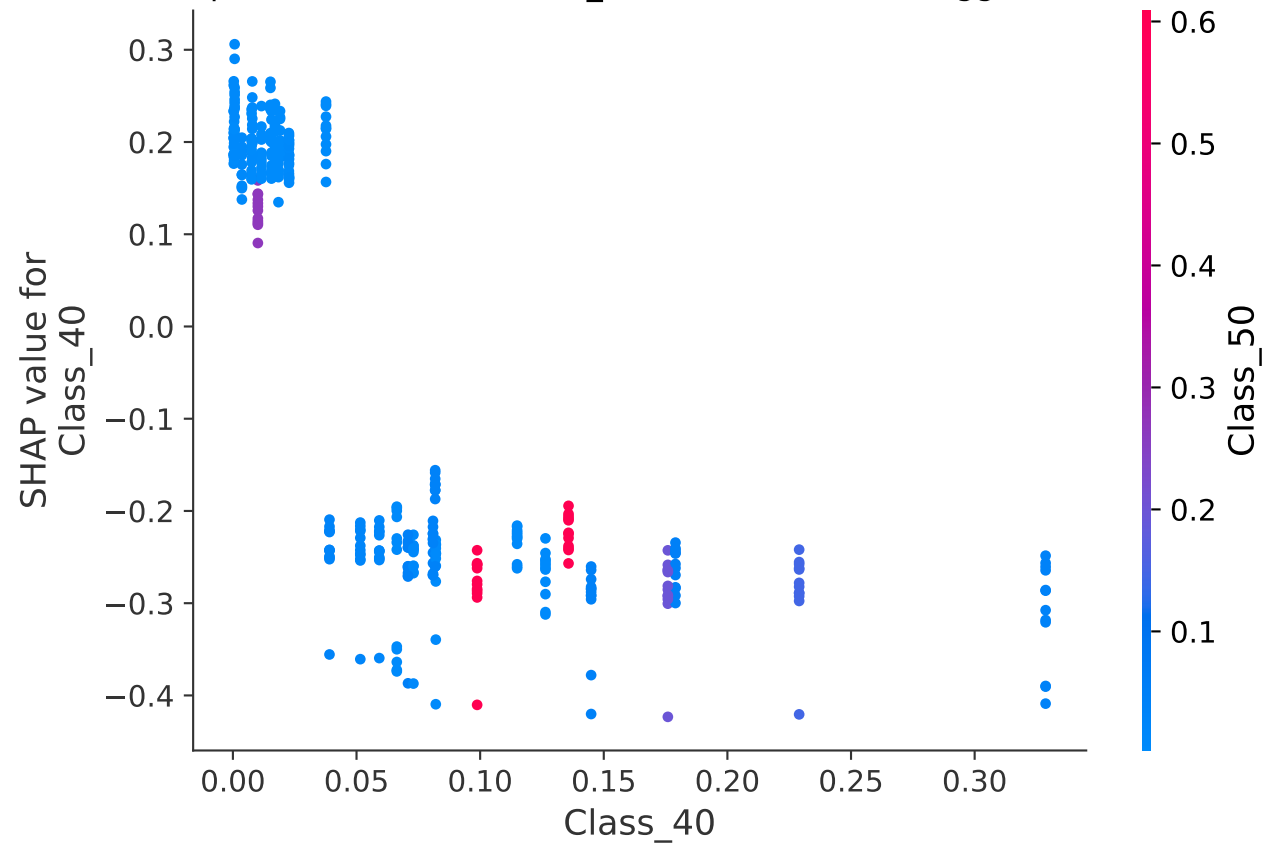
SHAP Beeswarm Plot for Class 2 - Nusa Tenggara (Test Set)



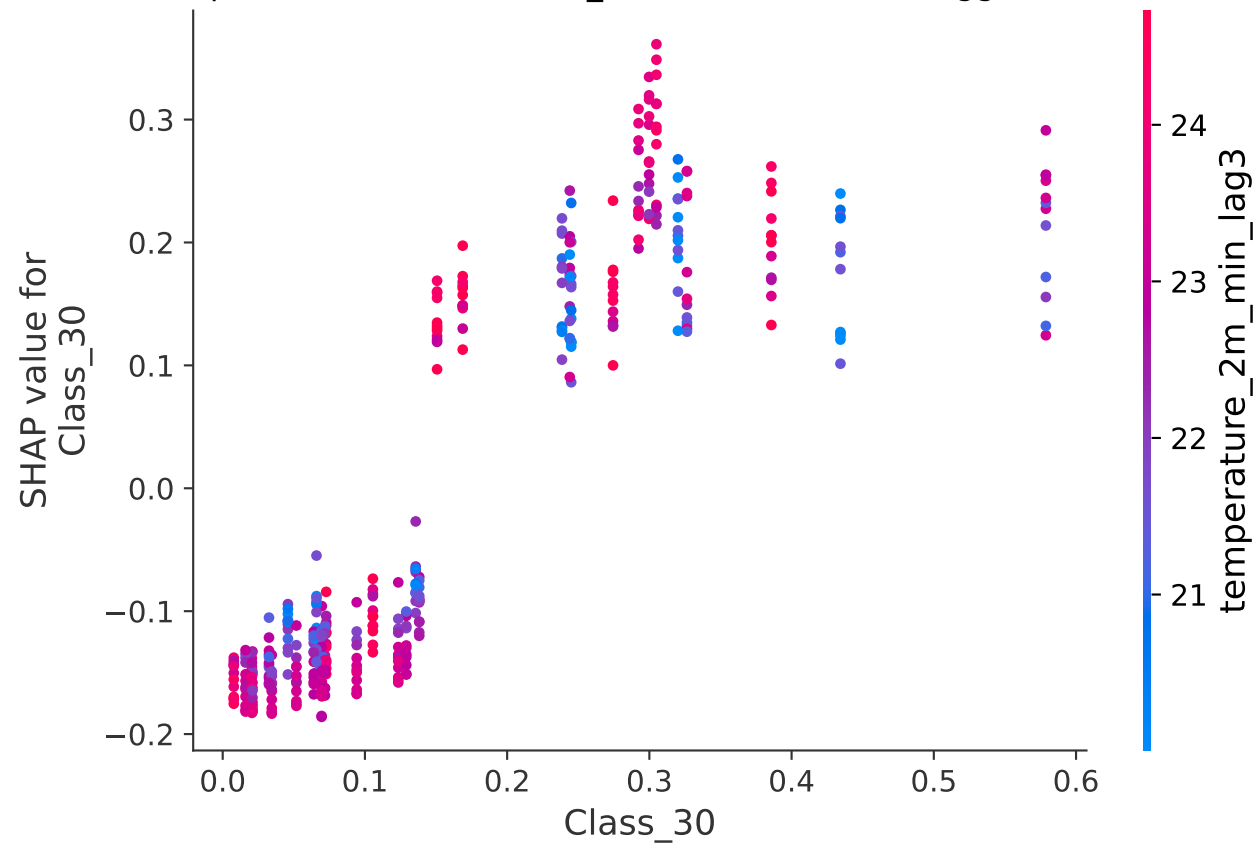
SHAP Dependence Plot for Class_50, Class 0 - Nusa Tenggara (Test Set)



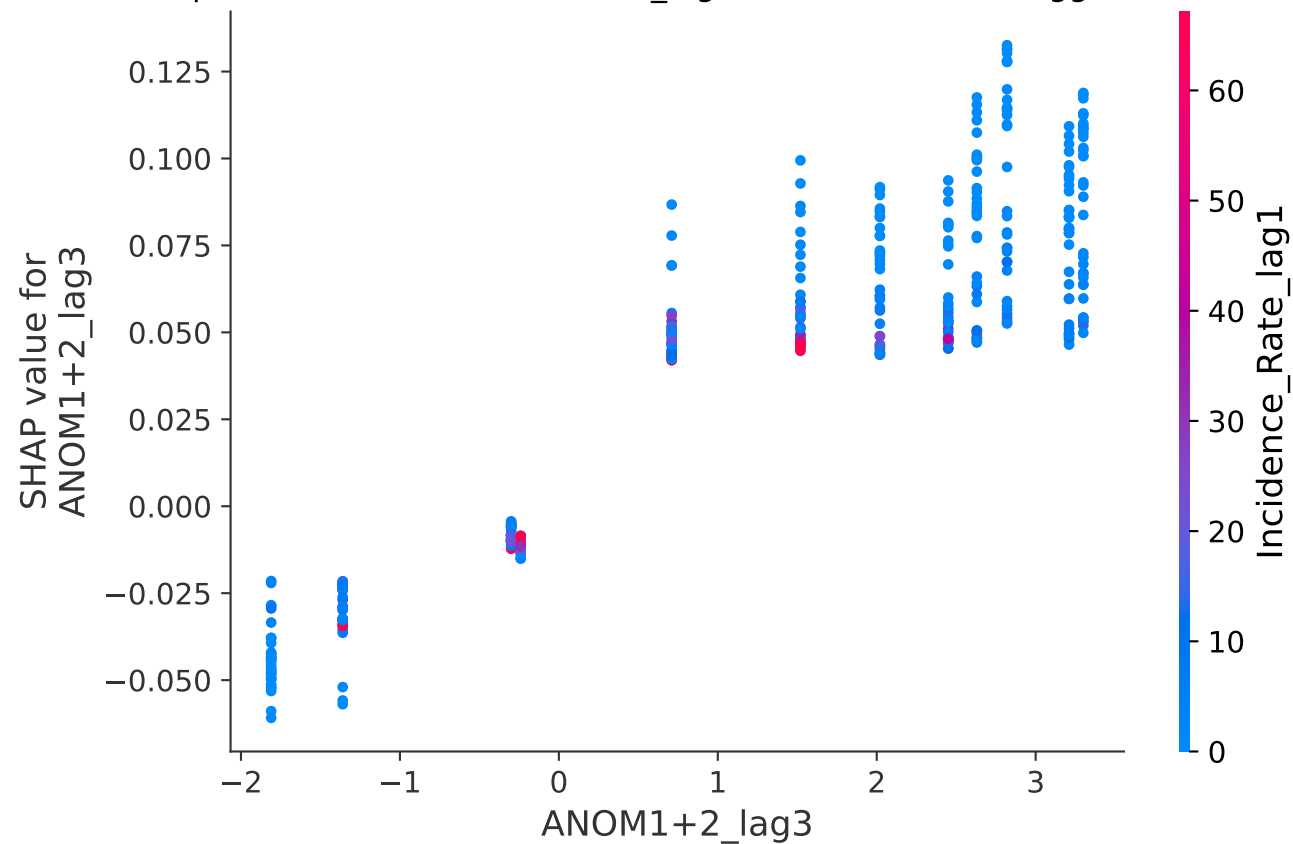
SHAP Dependence Plot for Class_40, Class 0 - Nusa Tenggara (Test Set)



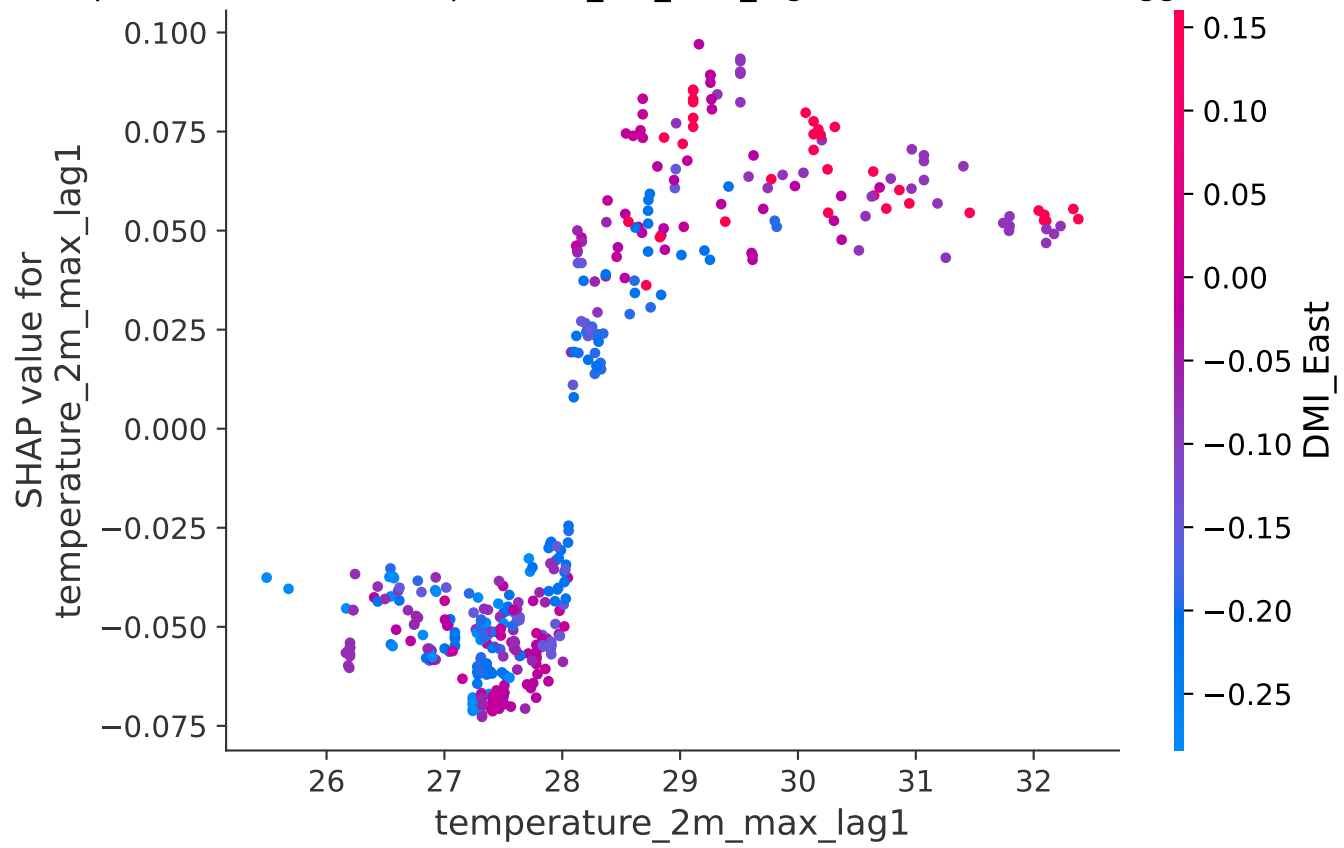
SHAP Dependence Plot for Class_30, Class 0 - Nusa Tenggara (Test Set)



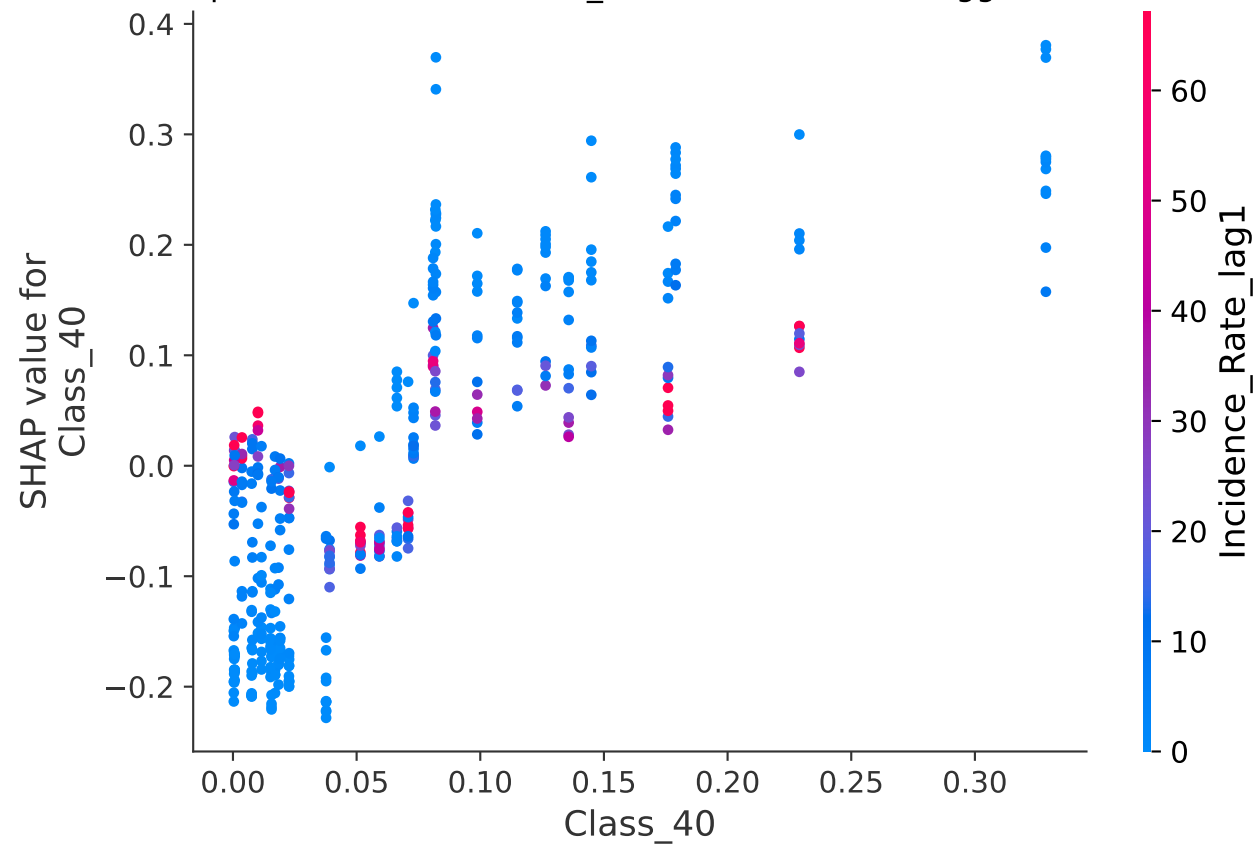
SHAP Dependence Plot for ANOM1+2_lag3, Class 0 - Nusa Tenggara (Test Set)



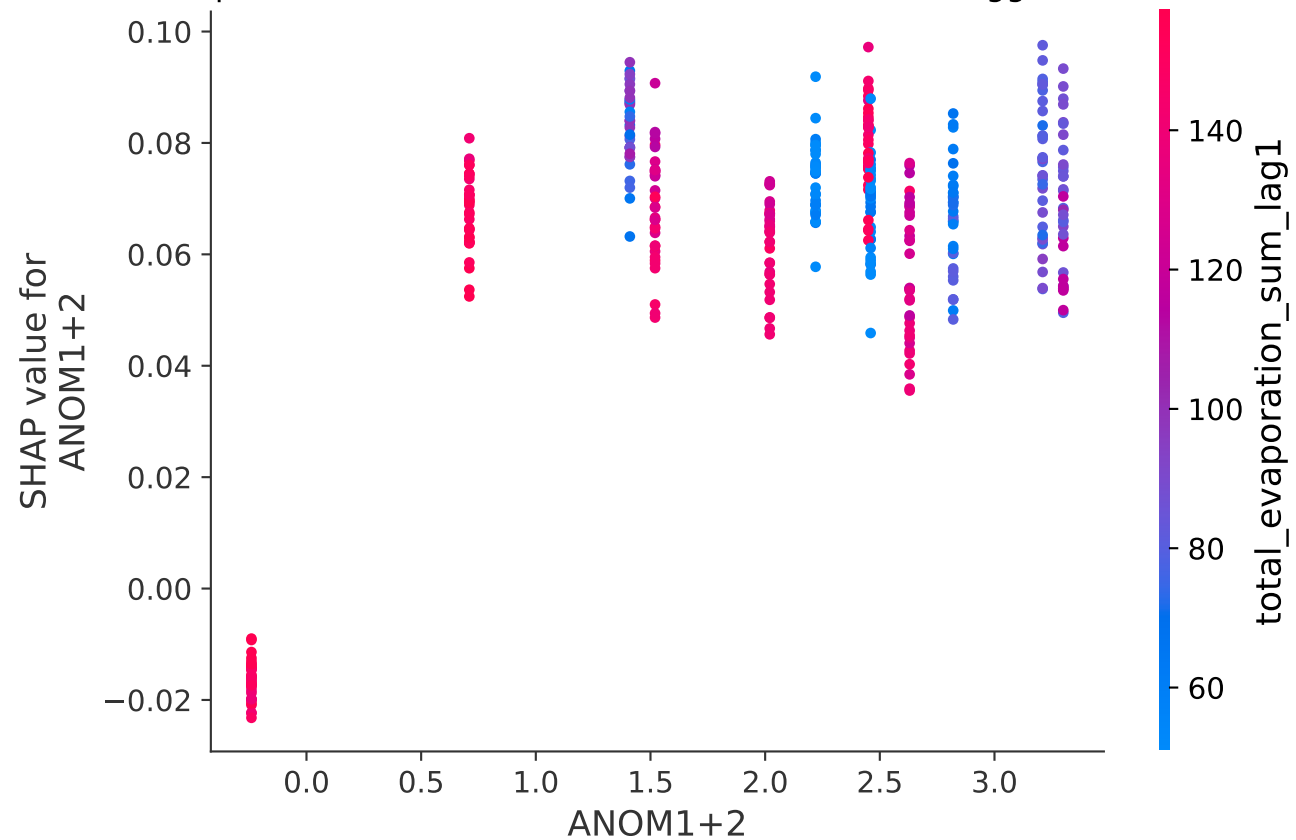
SHAP Dependence Plot for temperature_2m_max_lag1, Class 0 - Nusa Tenggara (Test Set)



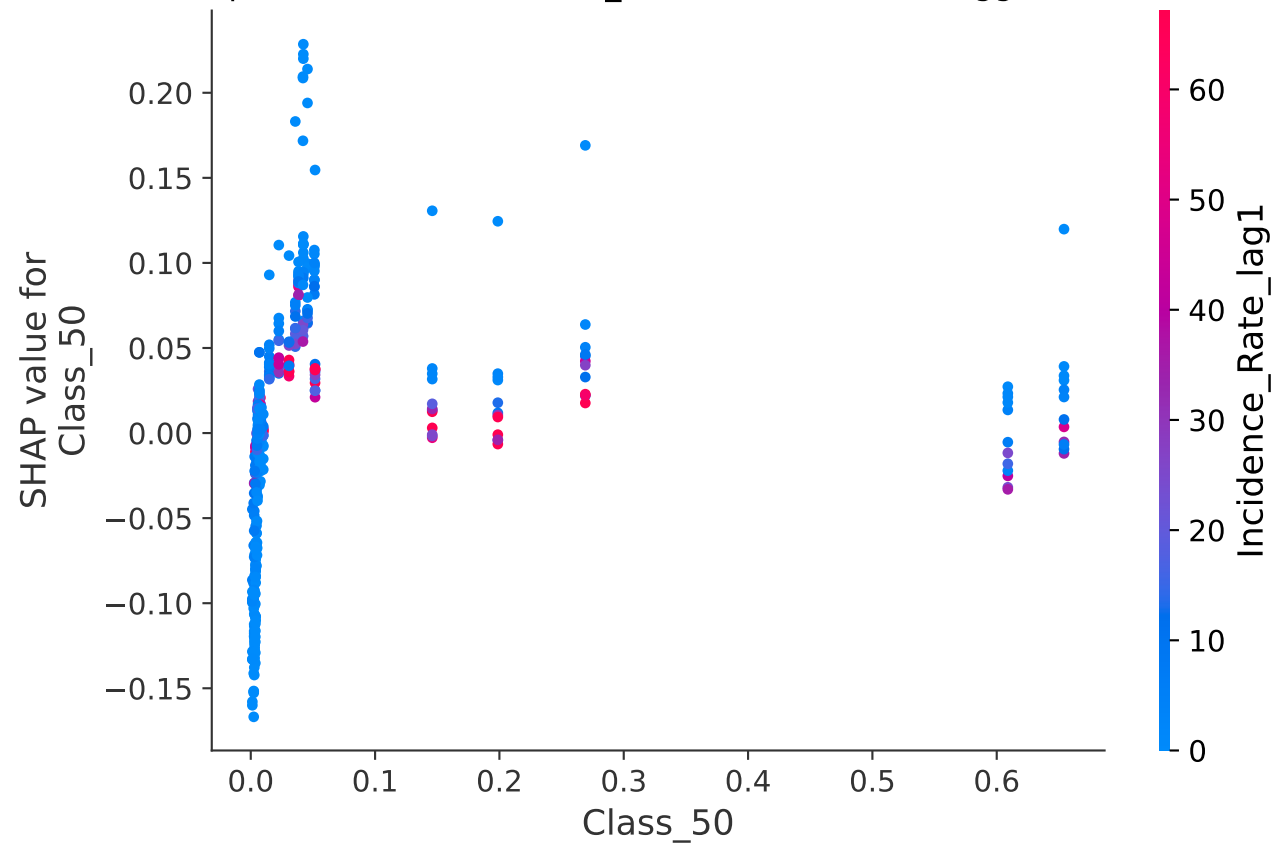
SHAP Dependence Plot for Class_40, Class 1 - Nusa Tenggara (Test Set)



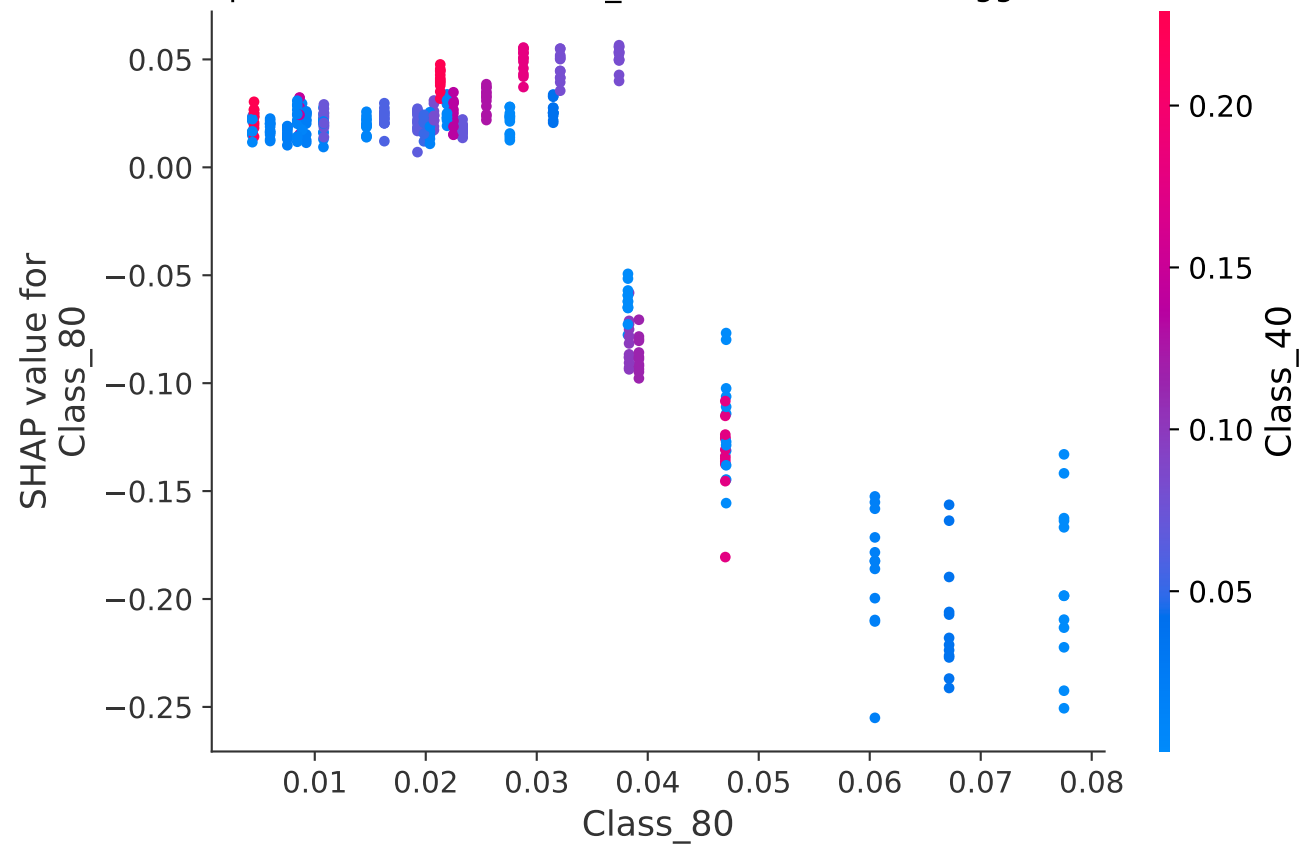
SHAP Dependence Plot for ANOM1+2, Class 1 - Nusa Tenggara (Test Set)



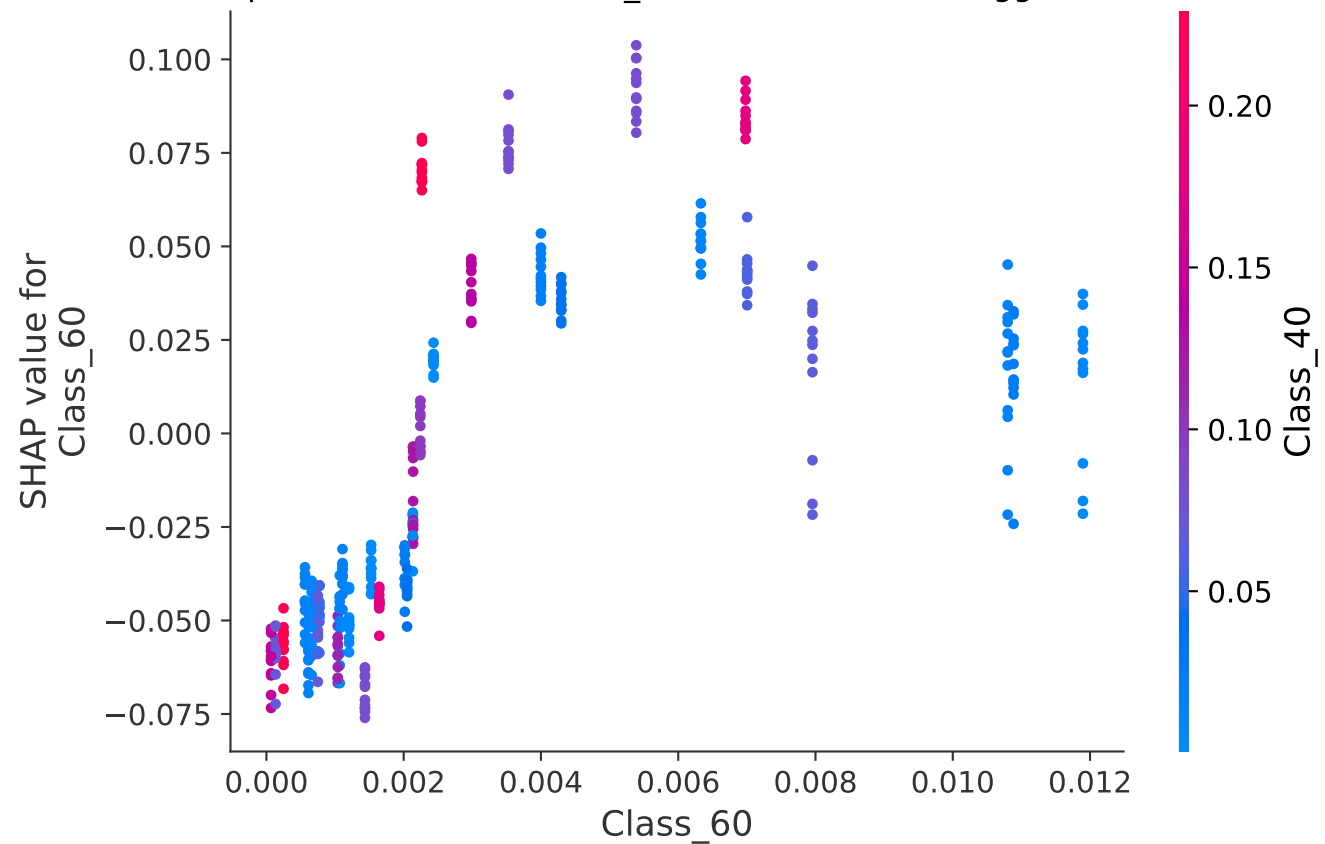
SHAP Dependence Plot for Class_50, Class 1 - Nusa Tenggara (Test Set)



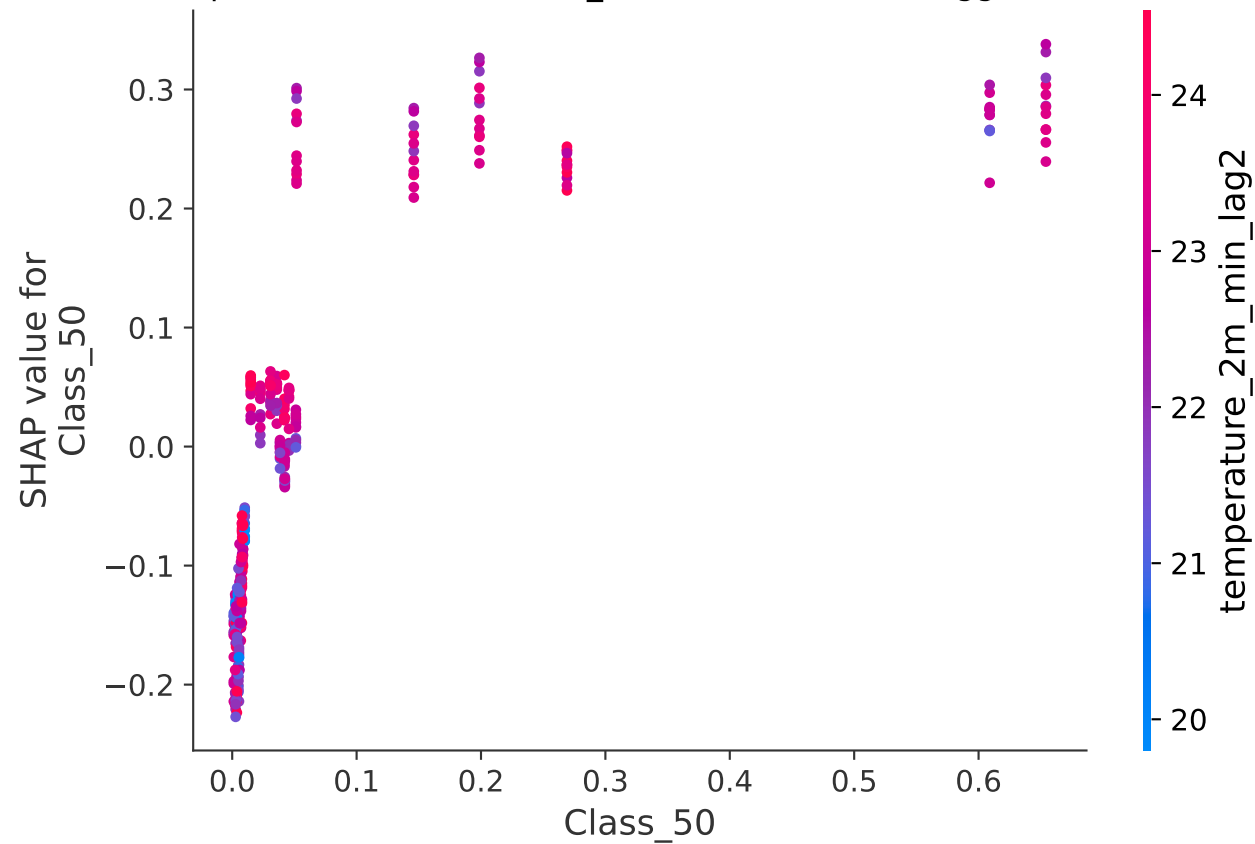
SHAP Dependence Plot for Class_80, Class 1 - Nusa Tenggara (Test Set)



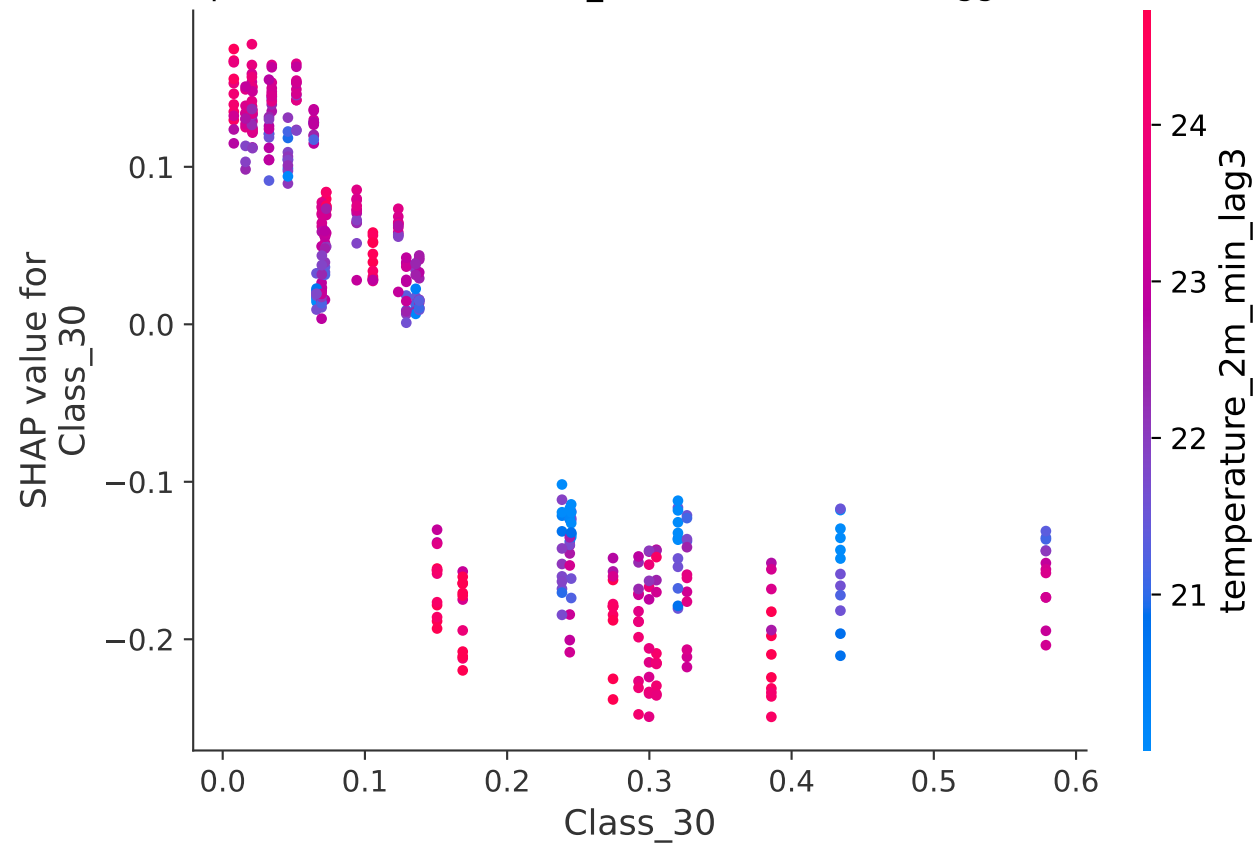
SHAP Dependence Plot for Class_60, Class 1 - Nusa Tenggara (Test Set)



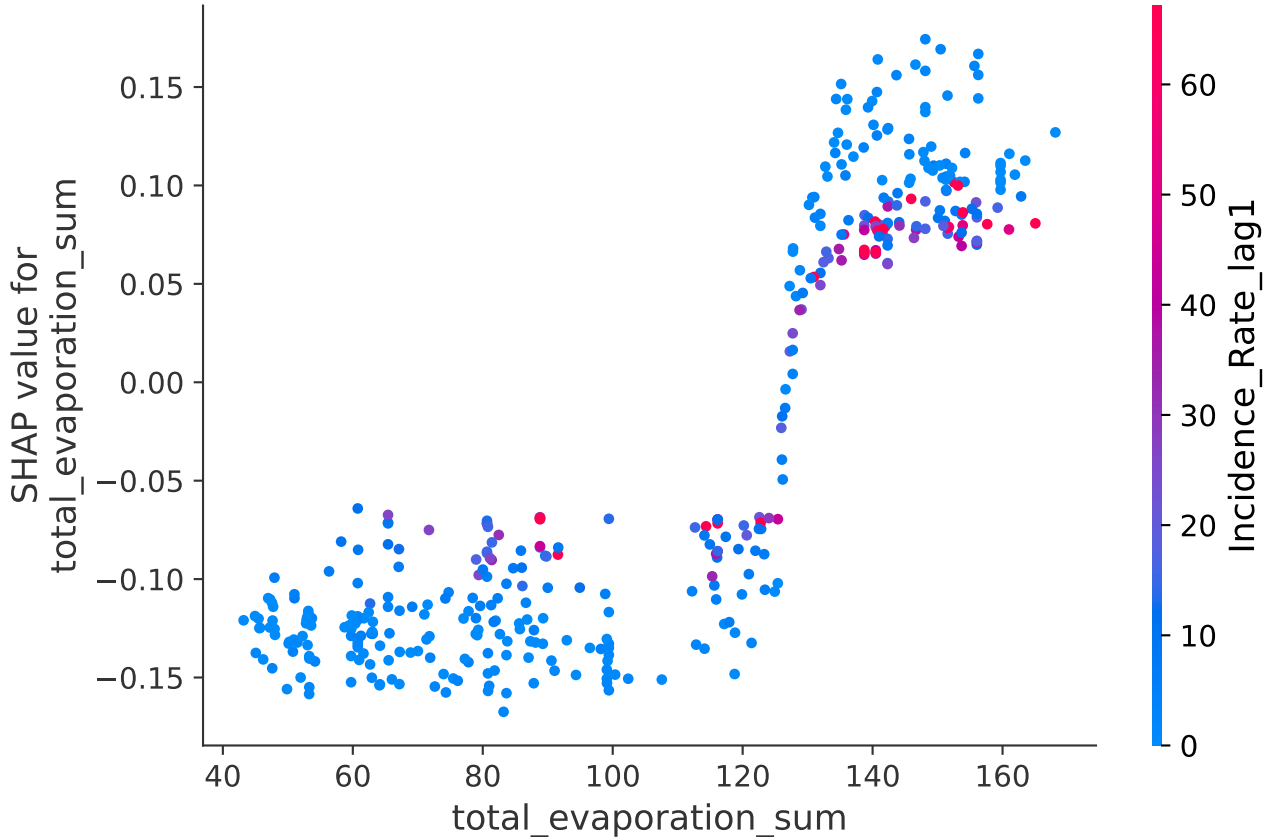
SHAP Dependence Plot for Class_50, Class 2 - Nusa Tenggara (Test Set)



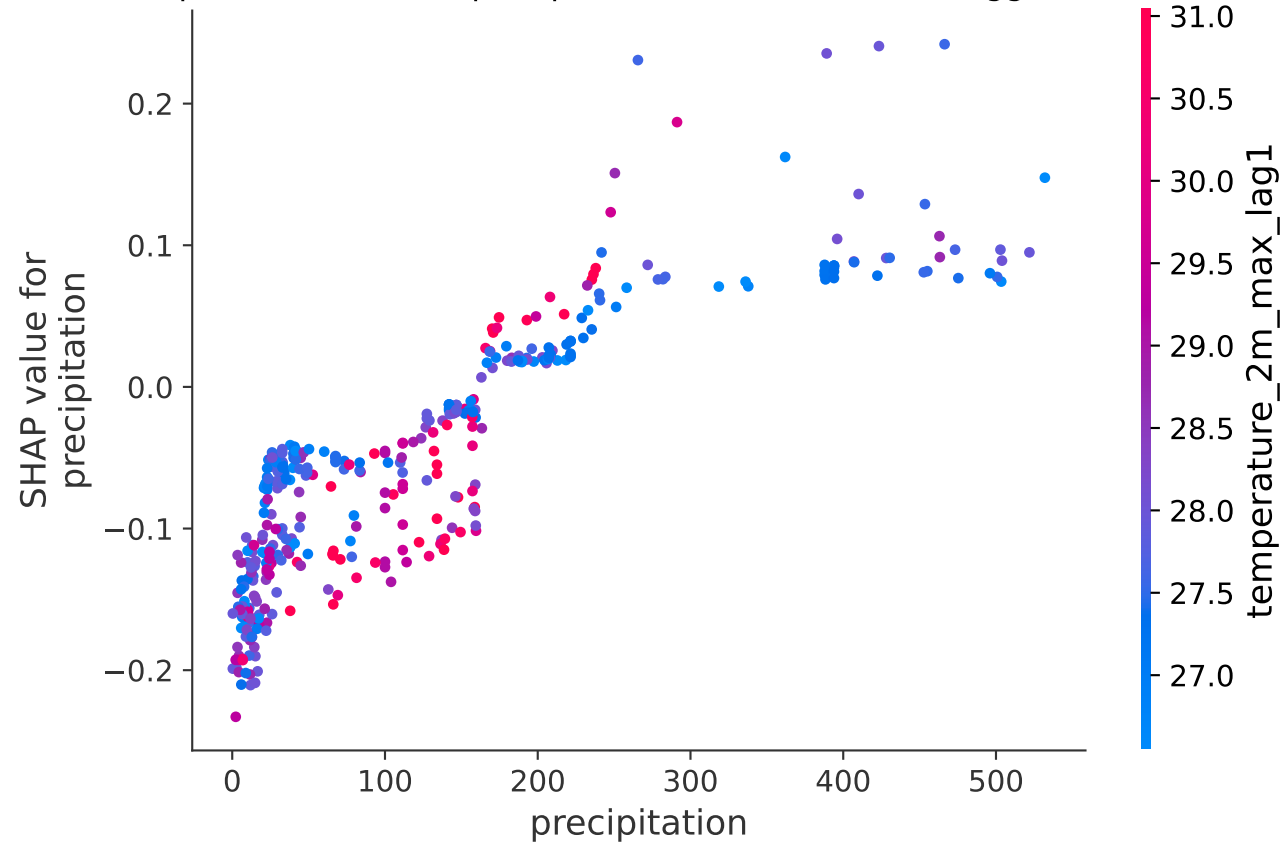
SHAP Dependence Plot for Class_30, Class 2 - Nusa Tenggara (Test Set)



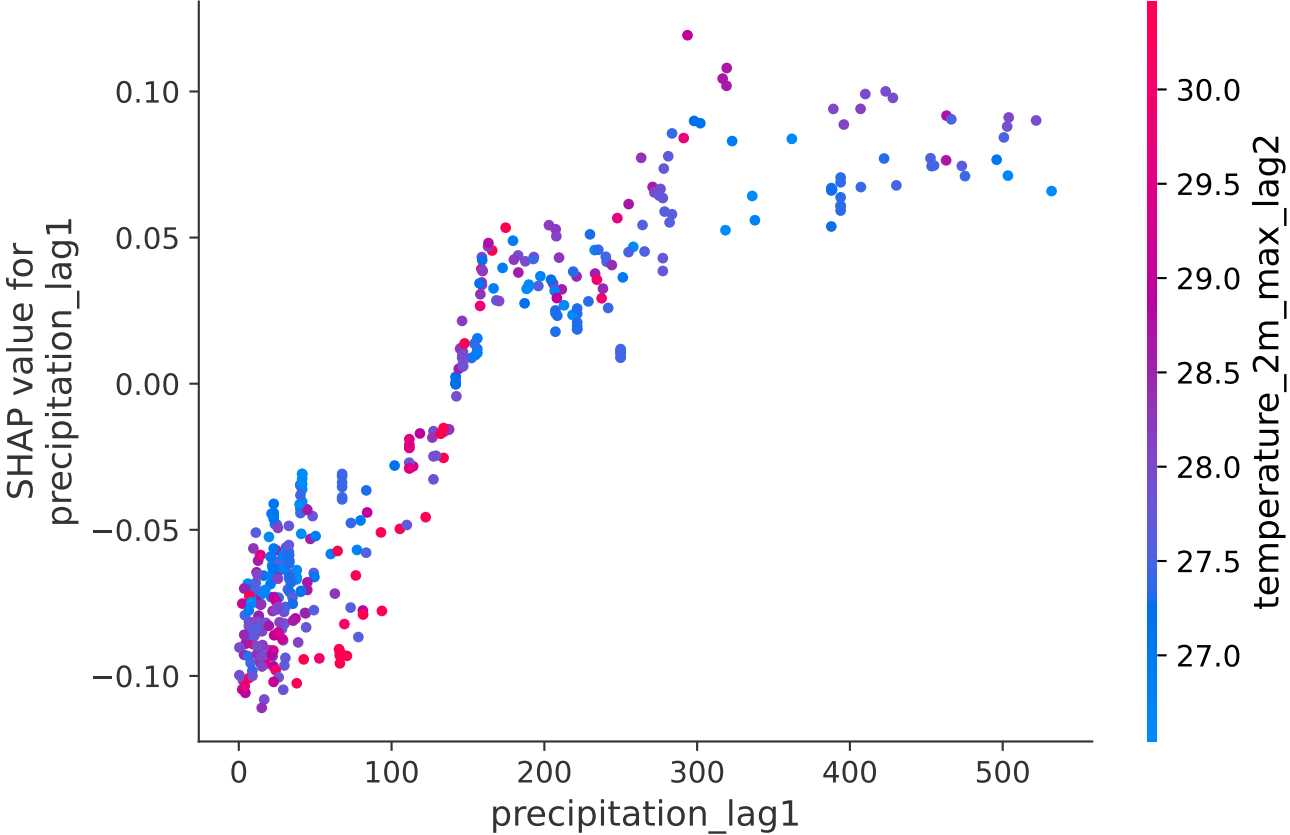
SHAP Dependence Plot for total_evaporation_sum, Class 2 - Nusa Tenggara (Test Set)



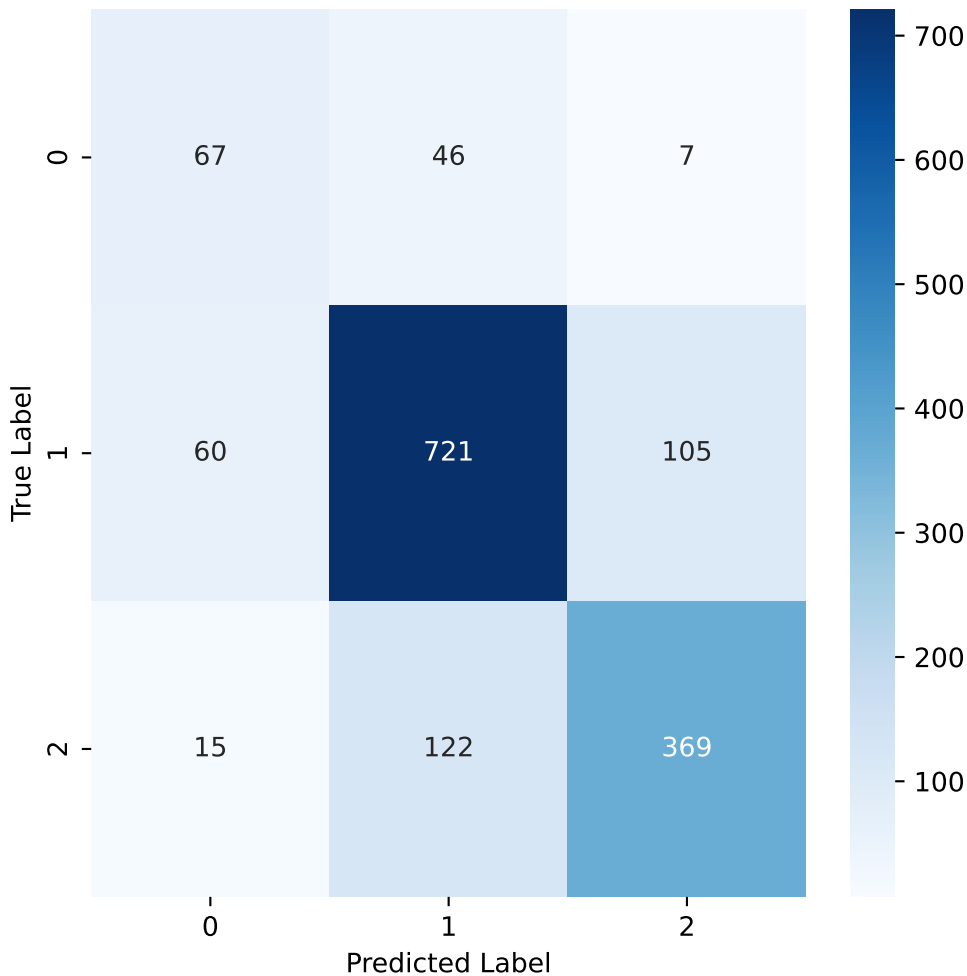
SHAP Dependence Plot for precipitation, Class 2 - Nusa Tenggara (Test Set)



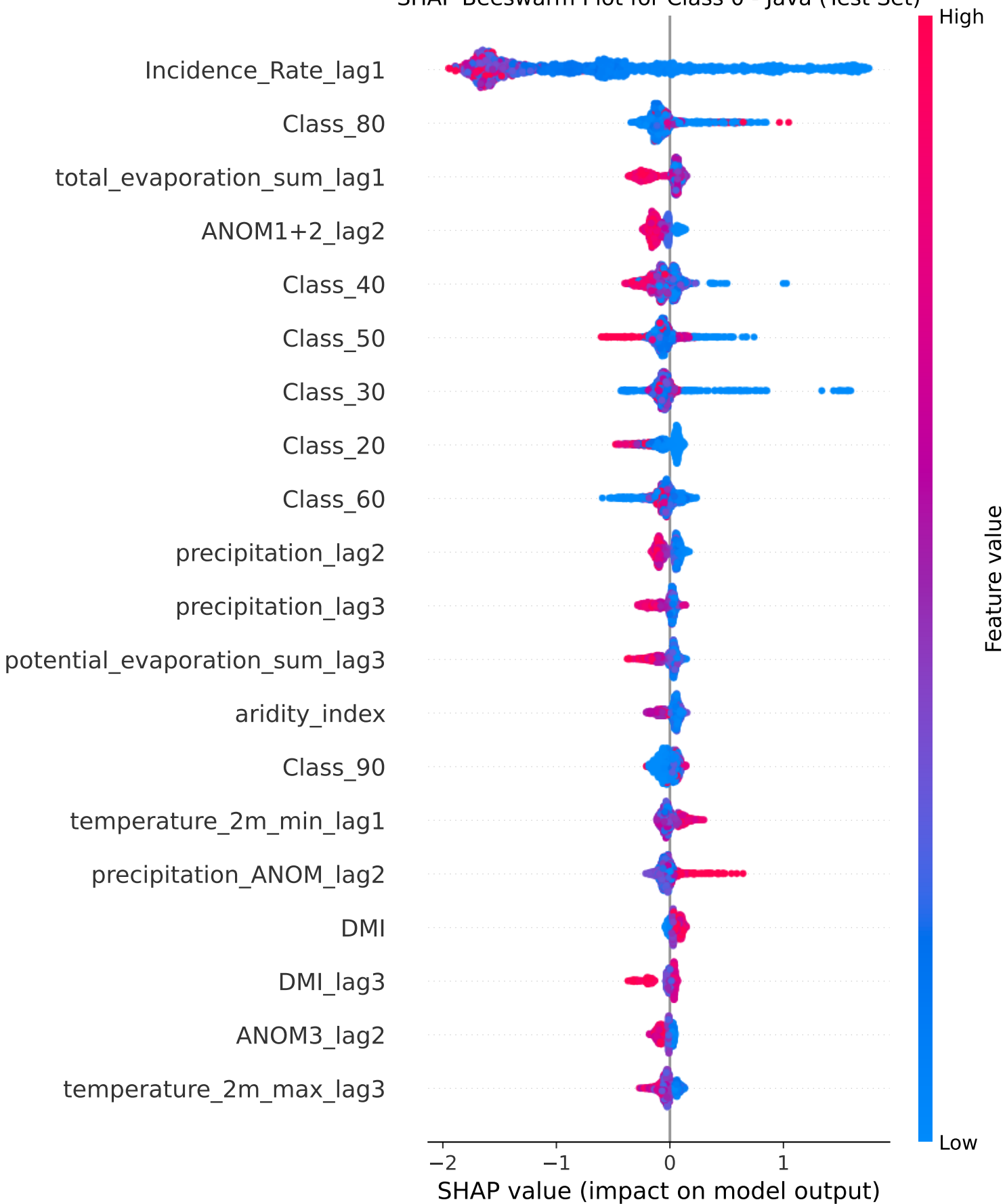
SHAP Dependence Plot for precipitation_lag1, Class 2 - Nusa Tenggara (Test Set)



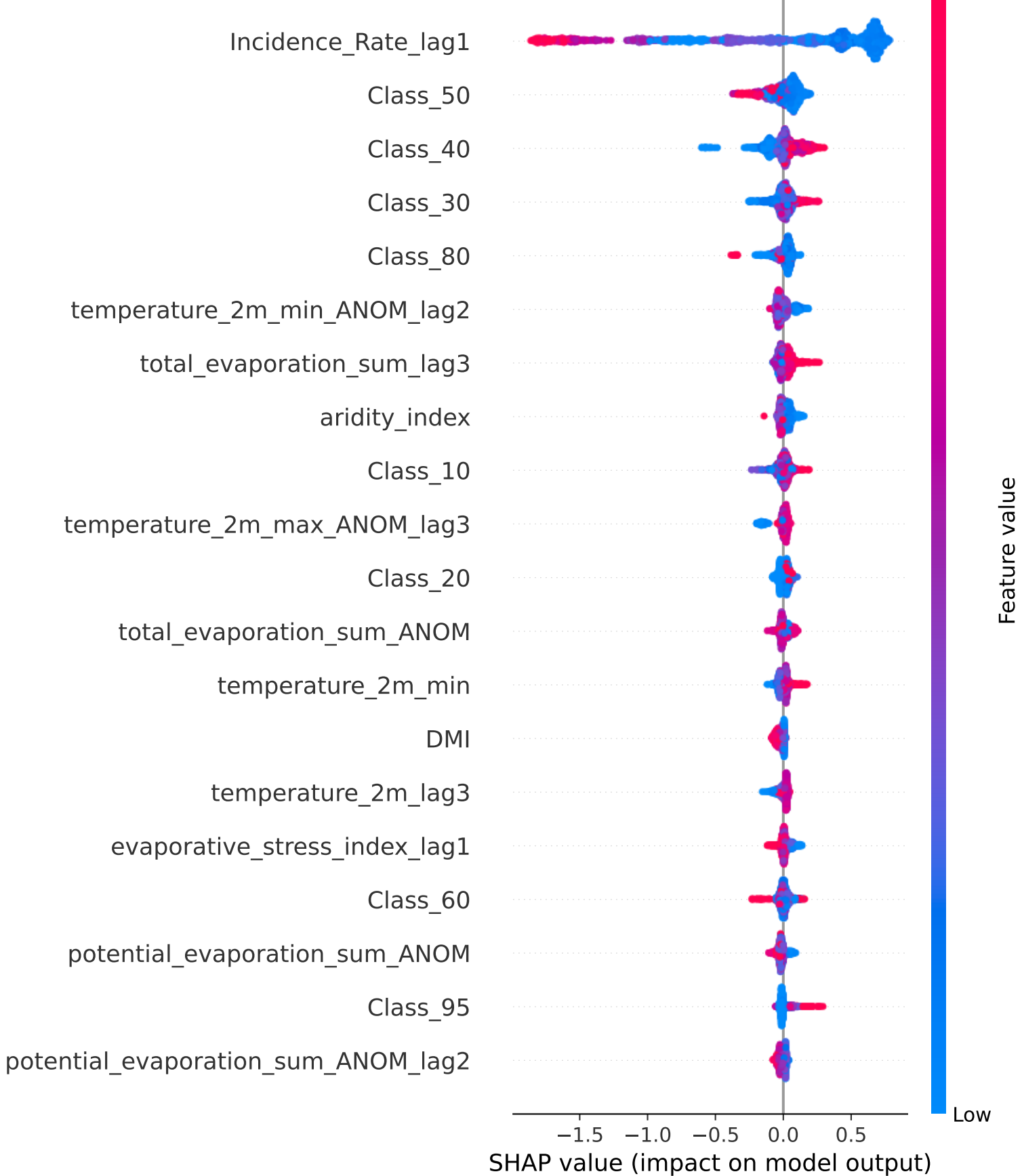
Confusion Matrix - Java (Test Set)



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



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



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

High

Feature value

Low

Incidence_Rate_lag1

ANOM4_lag1

ANOM3_lag2

Class_90

precipitation

precipitation_lag1

Class_50

precipitation_lag2

Class_20

DMI_lag3

aridity_index_lag1

DMI_East_lag1

evaporative_stress_index_lag3

ANOM1+2_lag2

Class_80

DMI_lag2

DMI_lag1

Class_40

temperature_2m_max_lag3

ANOM3.4_lag2

SHAP value (impact on model output)

-2

-1

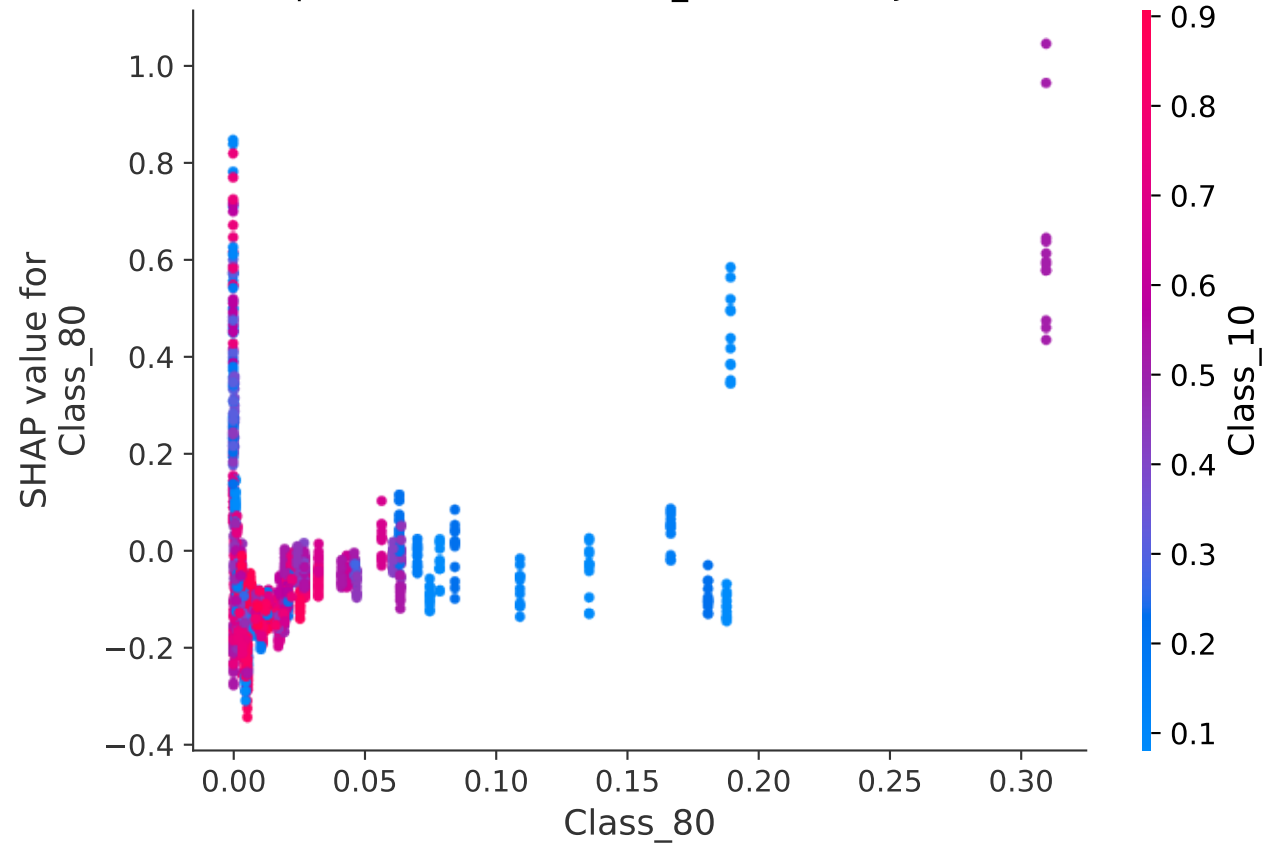
0

1

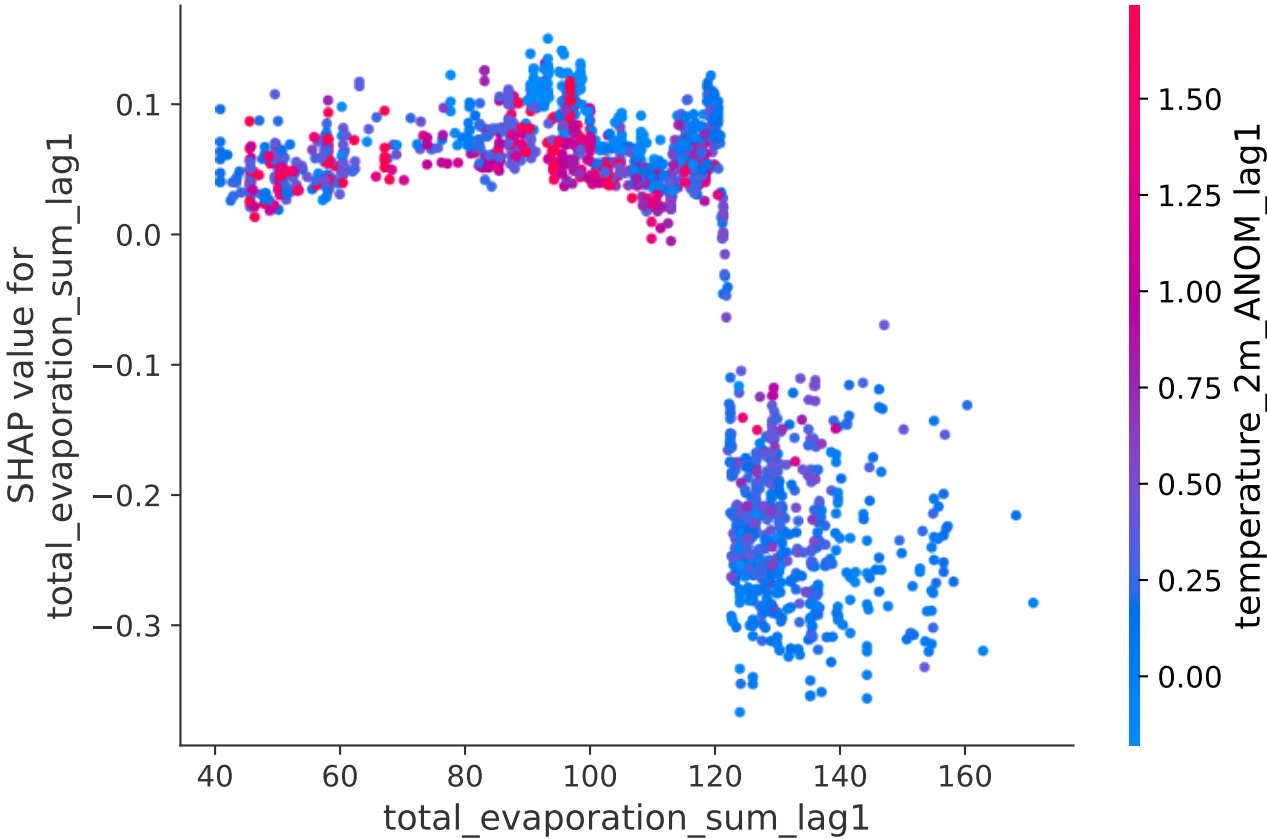
2

3

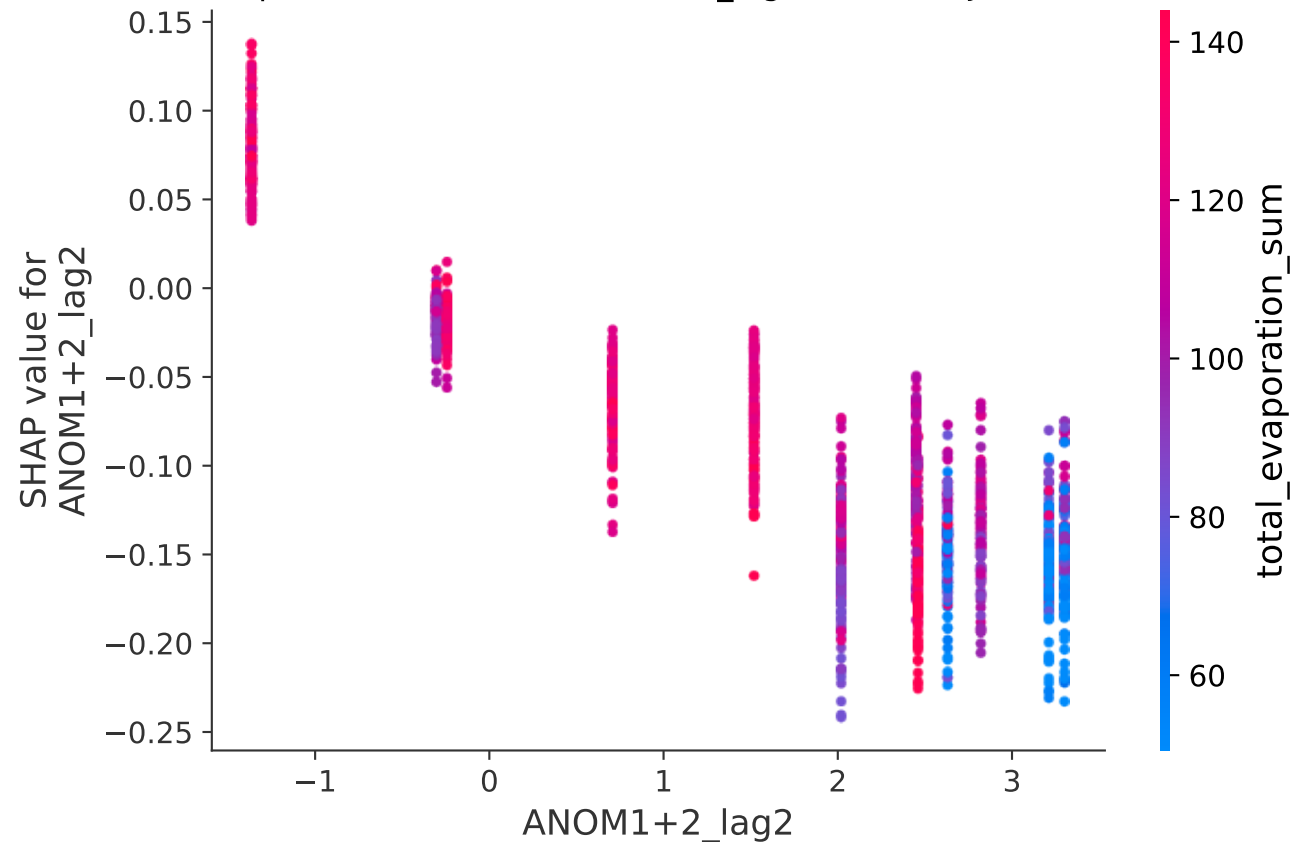
SHAP Dependence Plot for Class_80, Class 0 - Java (Test Set)



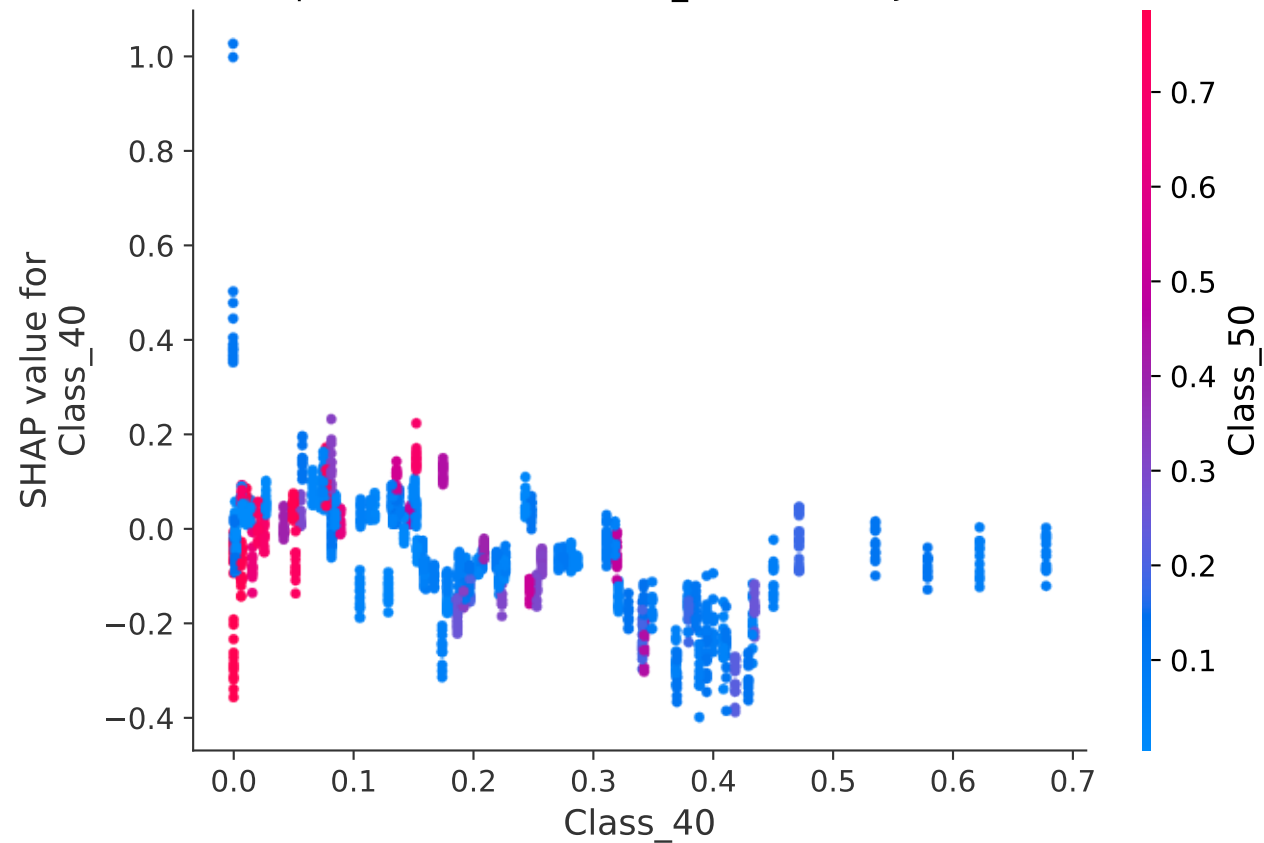
SHAP Dependence Plot for total_evaporation_sum_lag1, Class 0 - Java (Test Set)



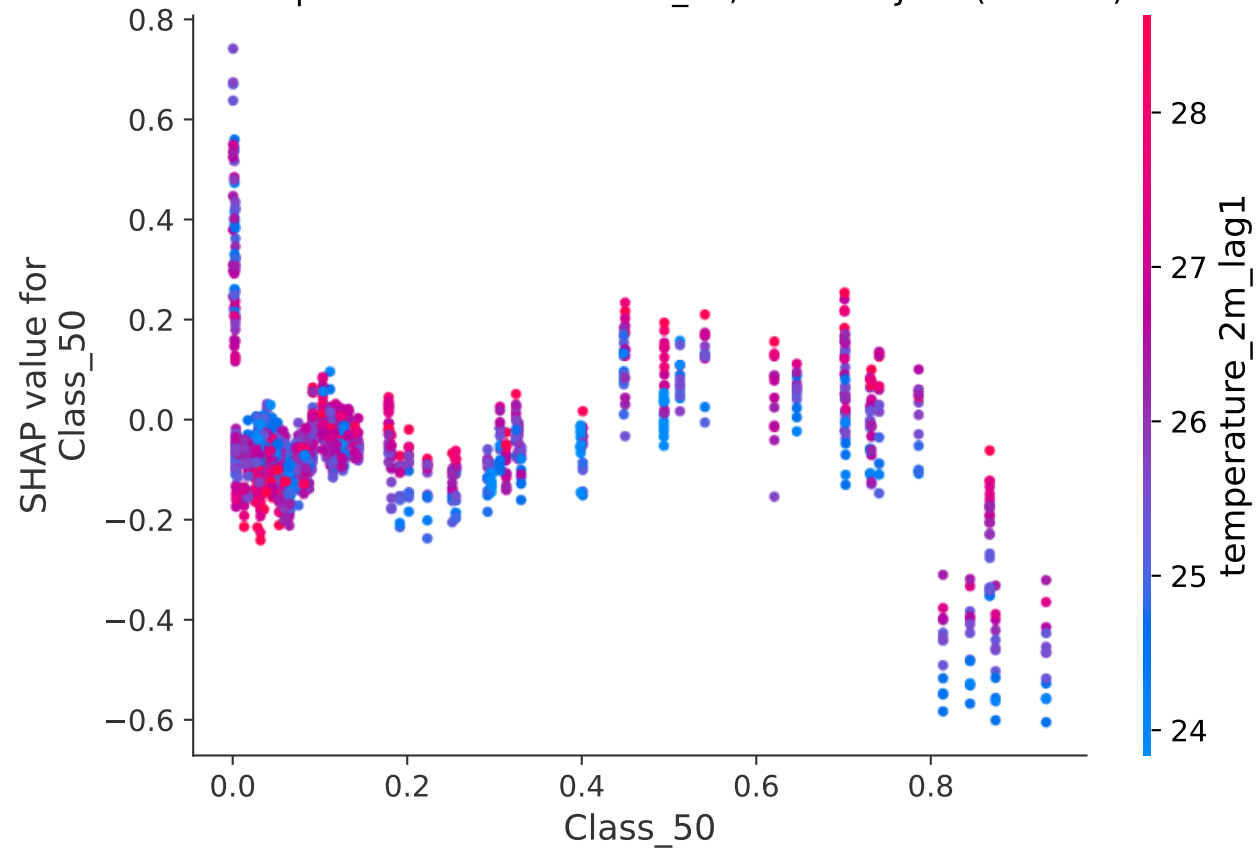
SHAP Dependence Plot for ANOM1+2_lag2, Class 0 - Java (Test Set)



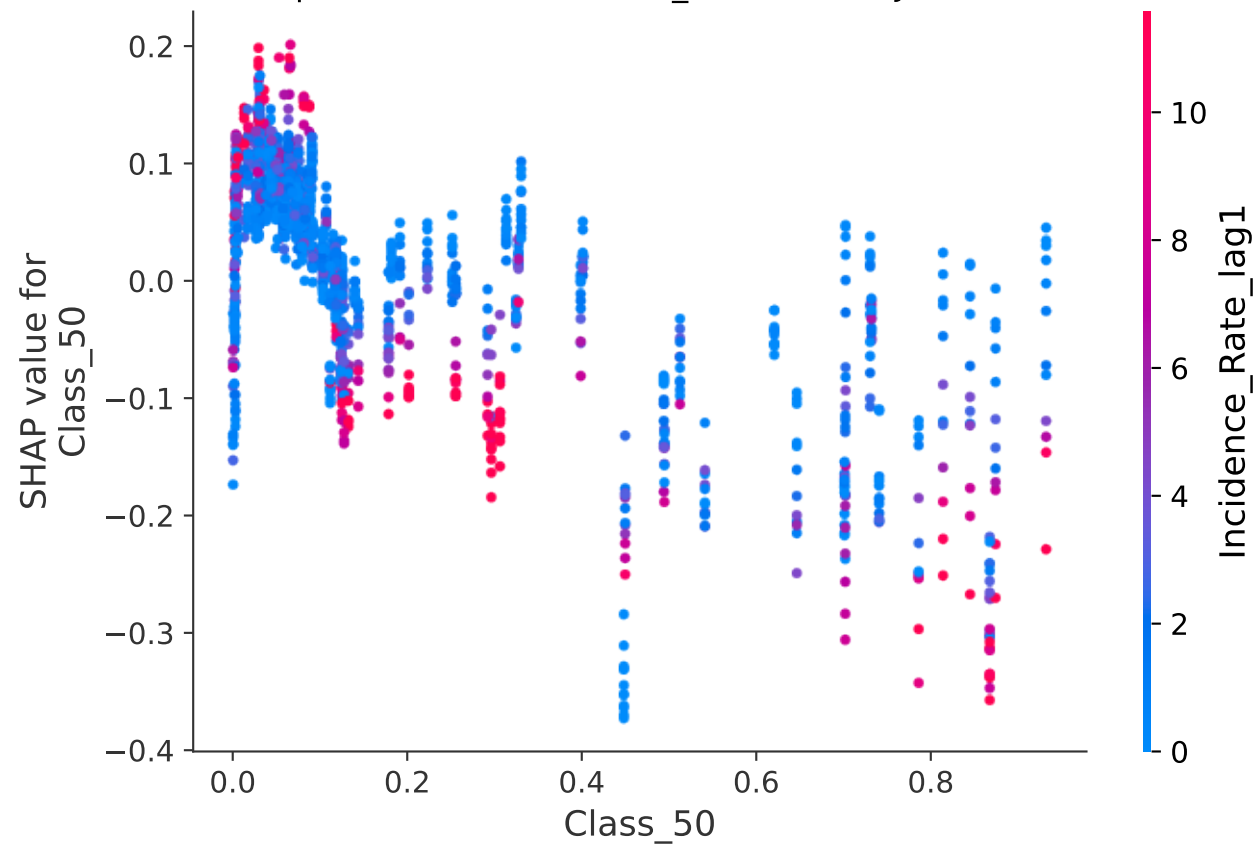
SHAP Dependence Plot for Class_40, Class 0 - Java (Test Set)



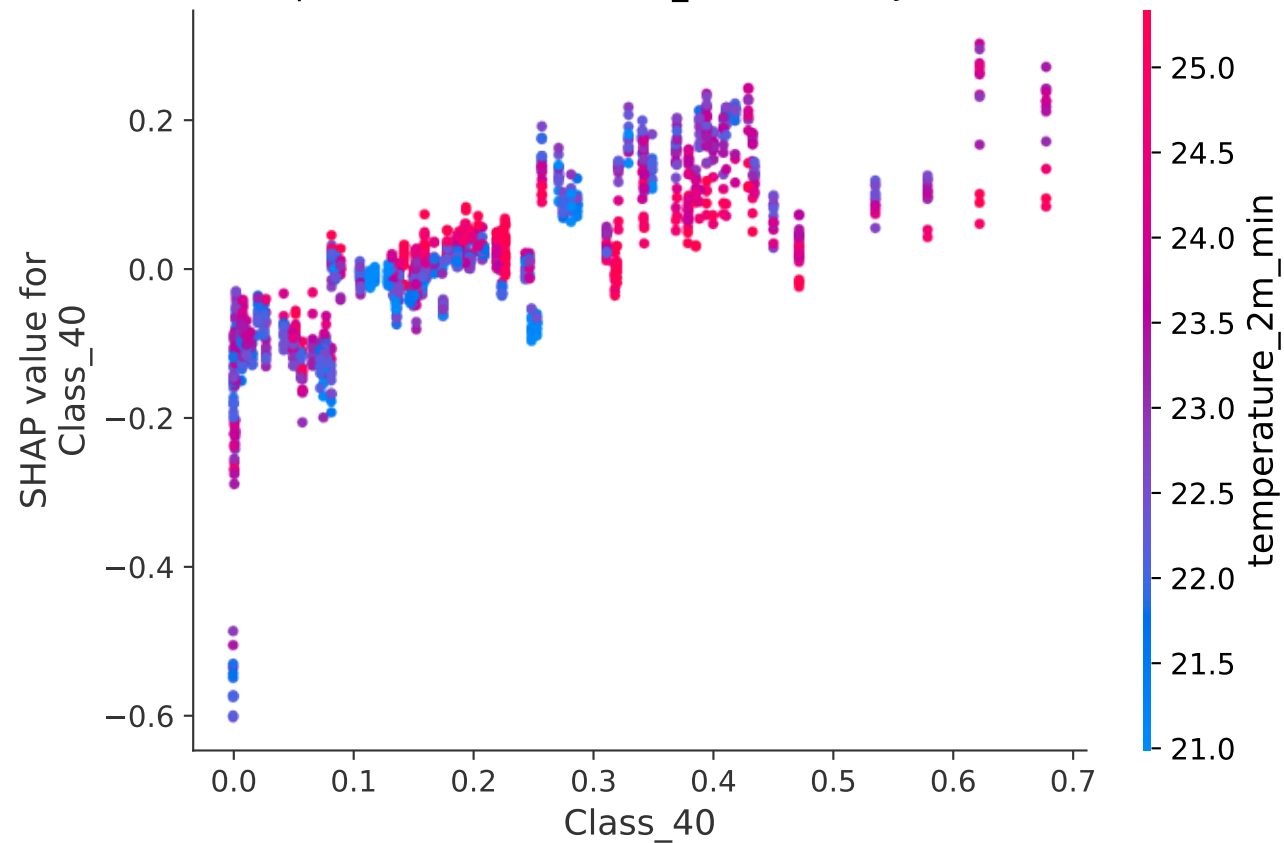
SHAP Dependence Plot for Class_50, Class 0 - Java (Test Set)



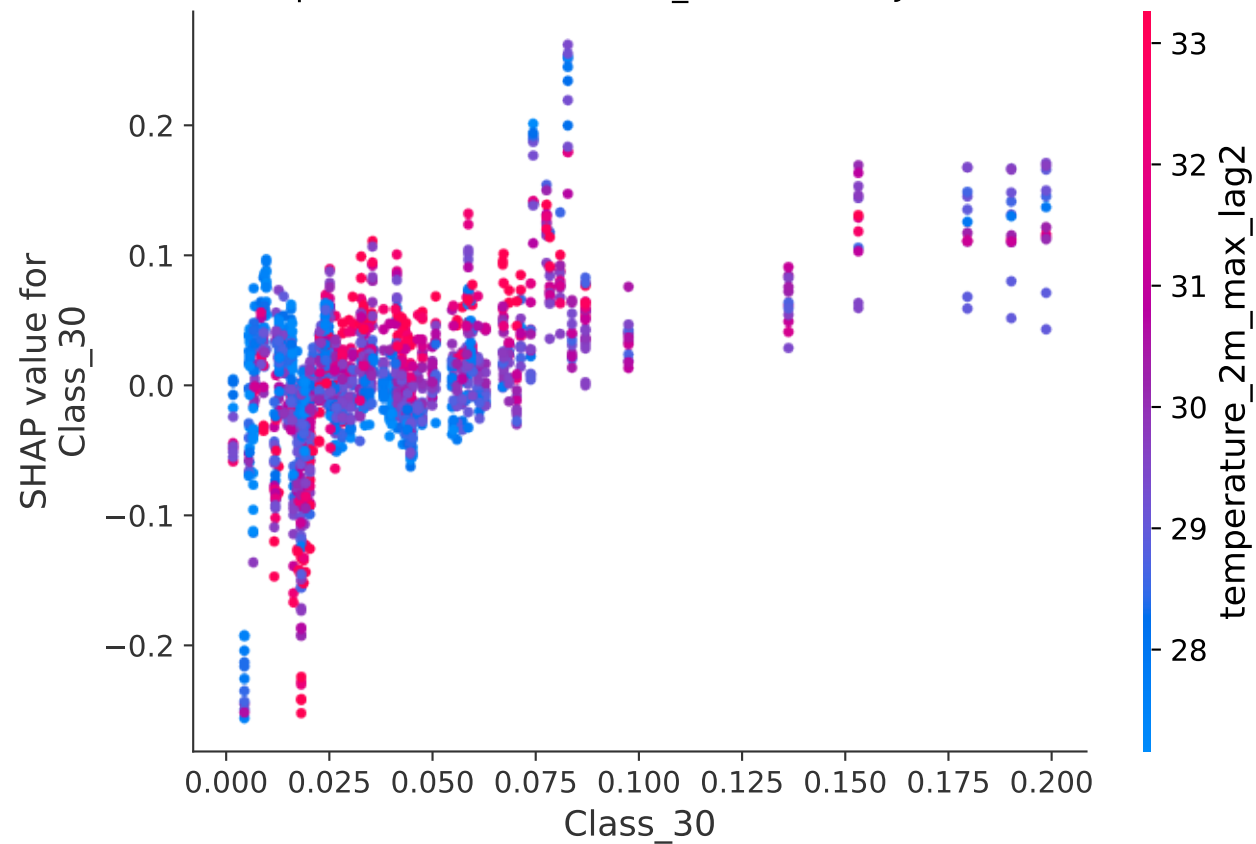
SHAP Dependence Plot for Class_50, Class 1 - Java (Test Set)



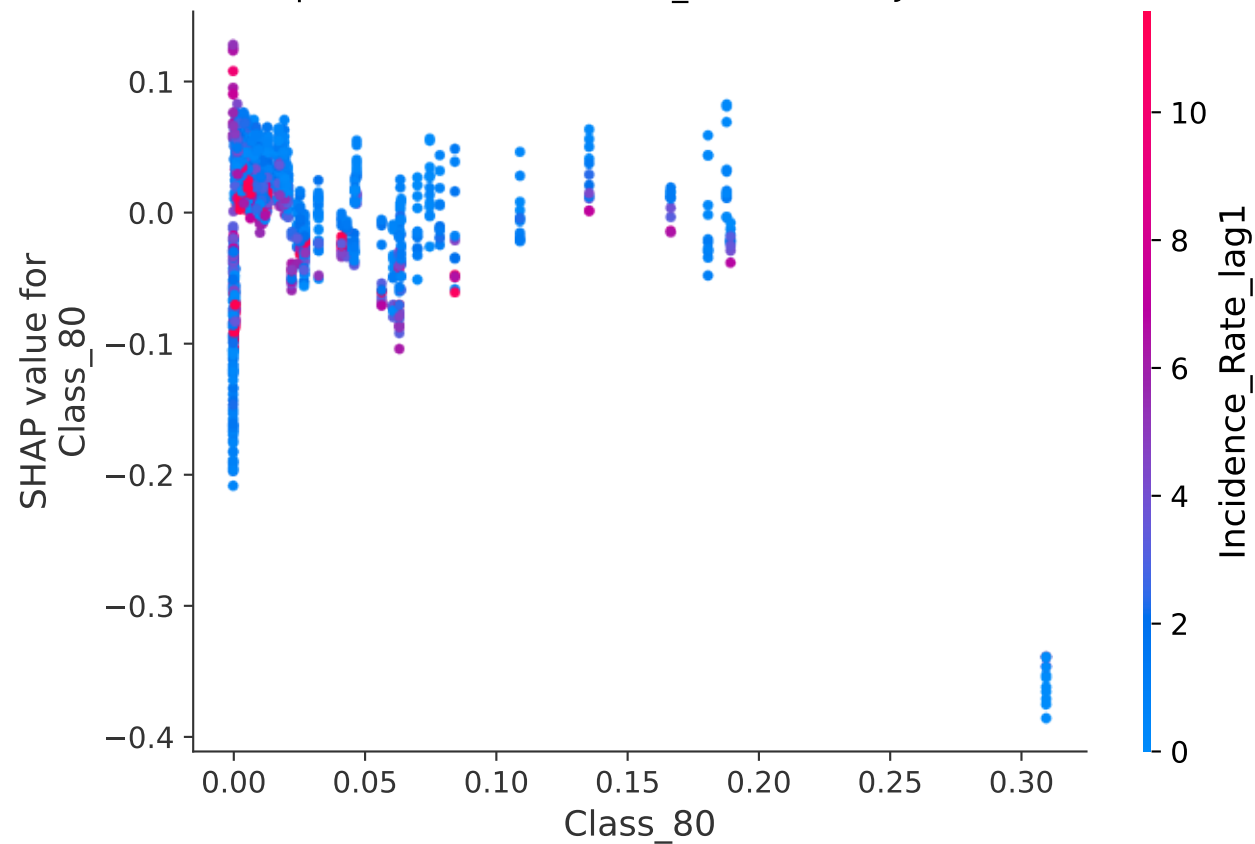
SHAP Dependence Plot for Class_40, Class 1 - Java (Test Set)



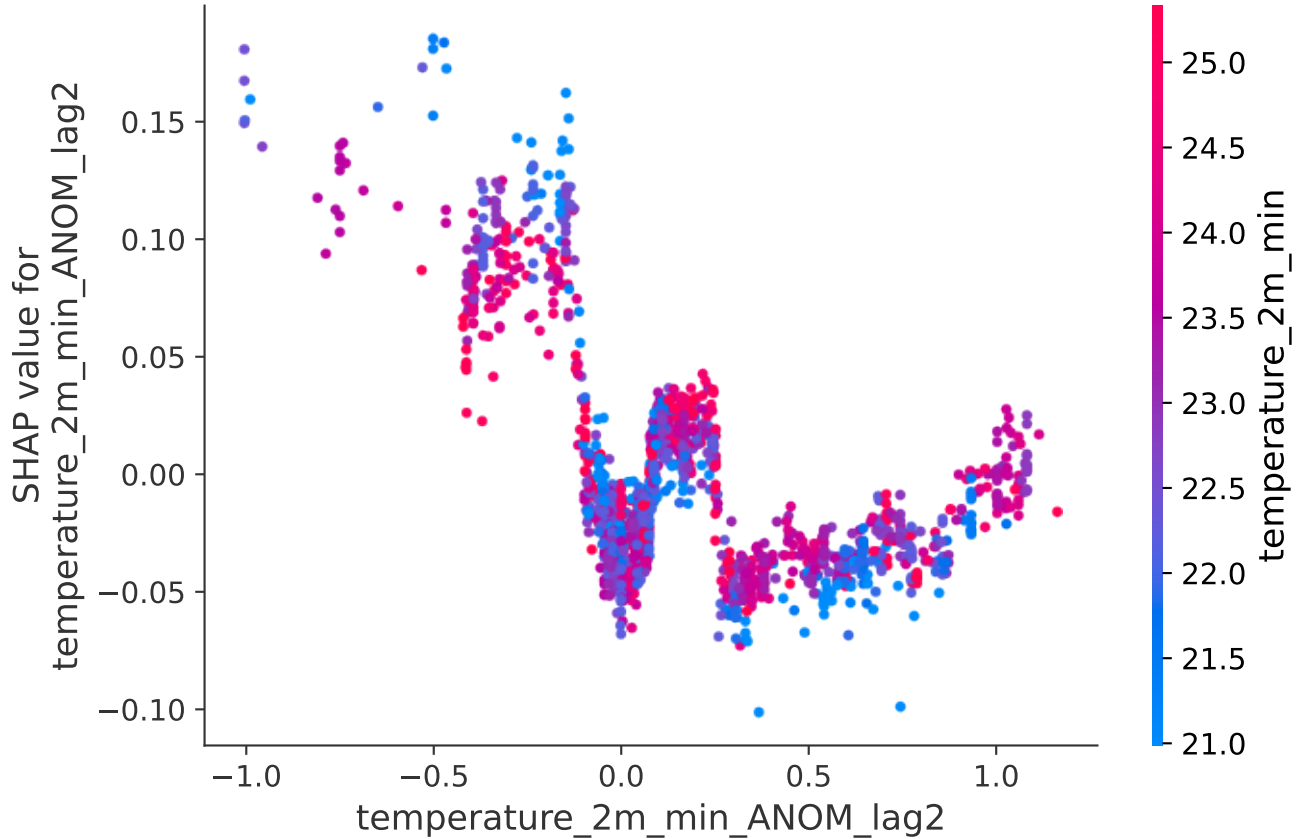
SHAP Dependence Plot for Class_30, Class 1 - Java (Test Set)



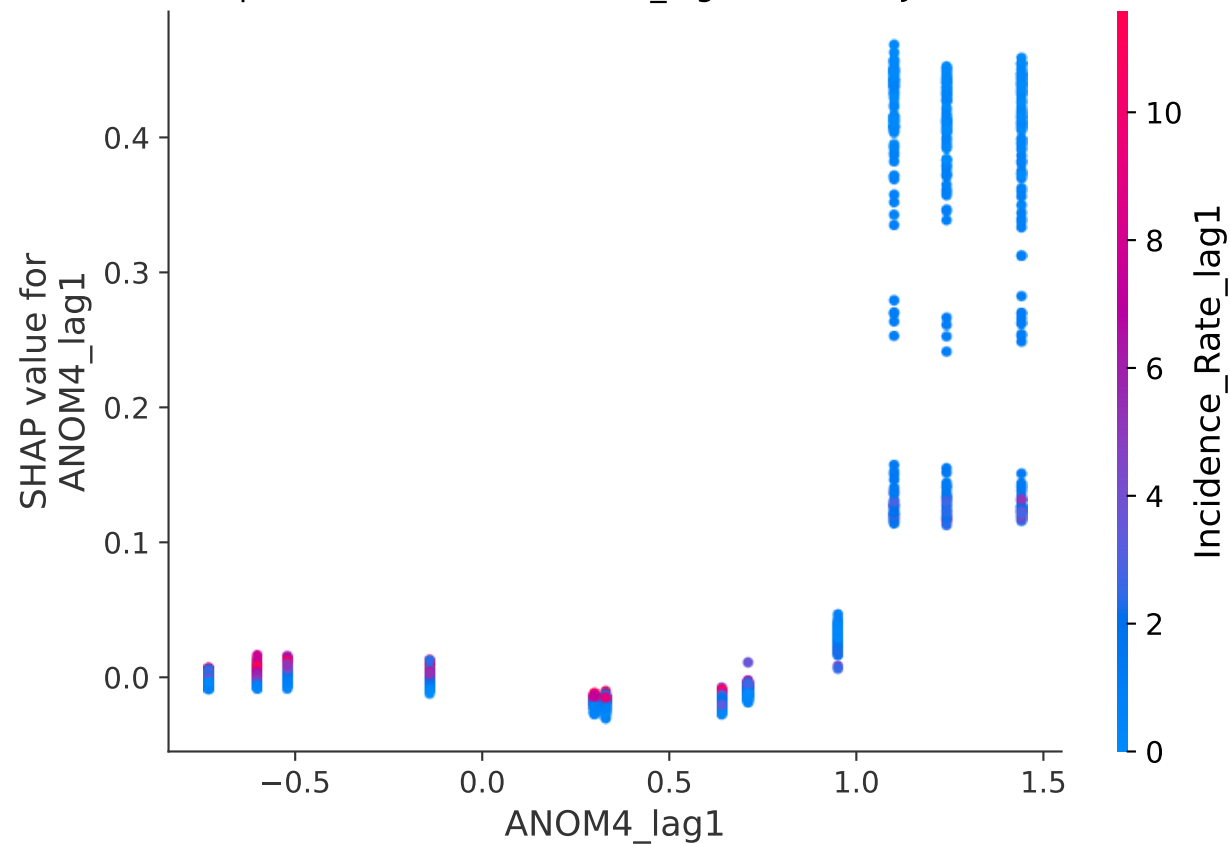
SHAP Dependence Plot for Class_80, Class 1 - Java (Test Set)



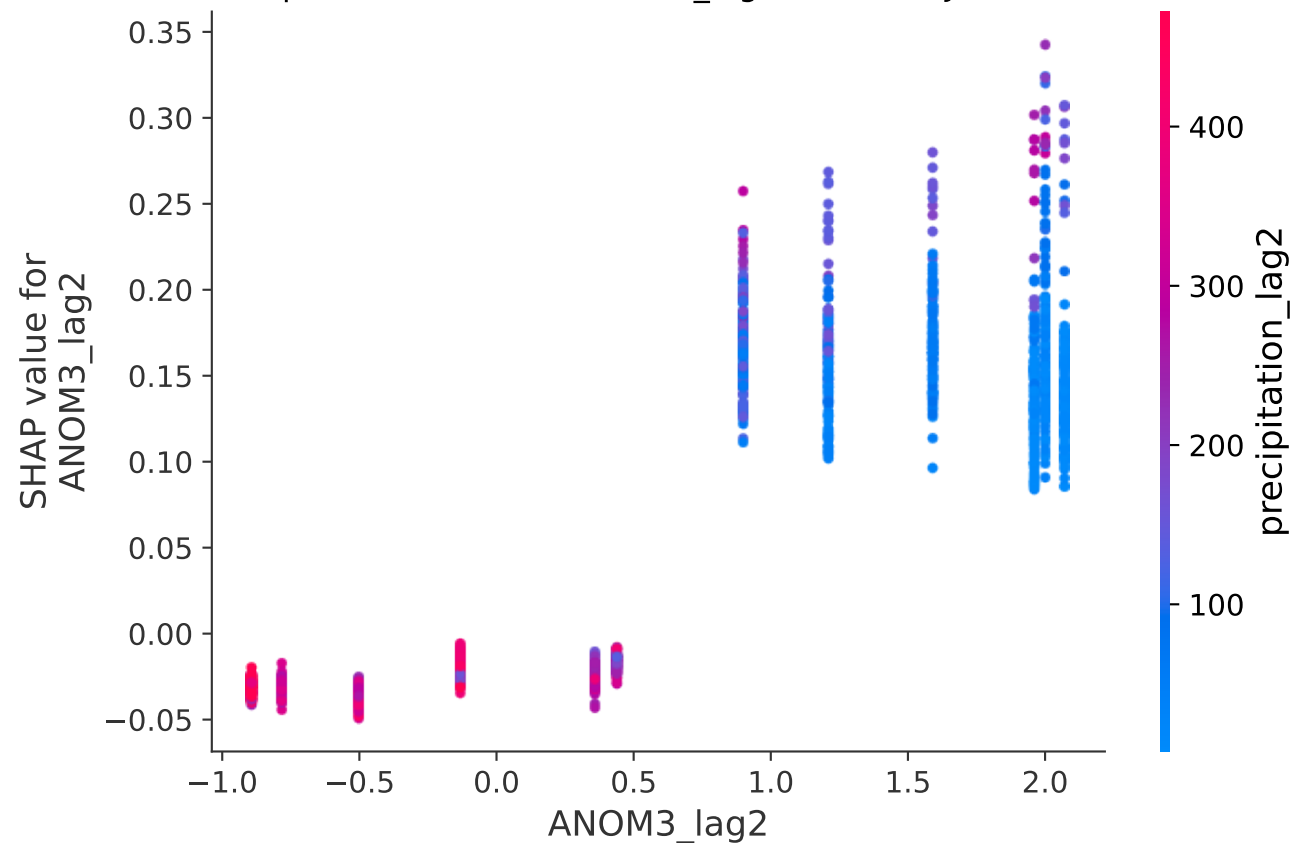
SHAP Dependence Plot for temperature_2m_min_ANOM_lag2, Class 1 - Java (Test Set)



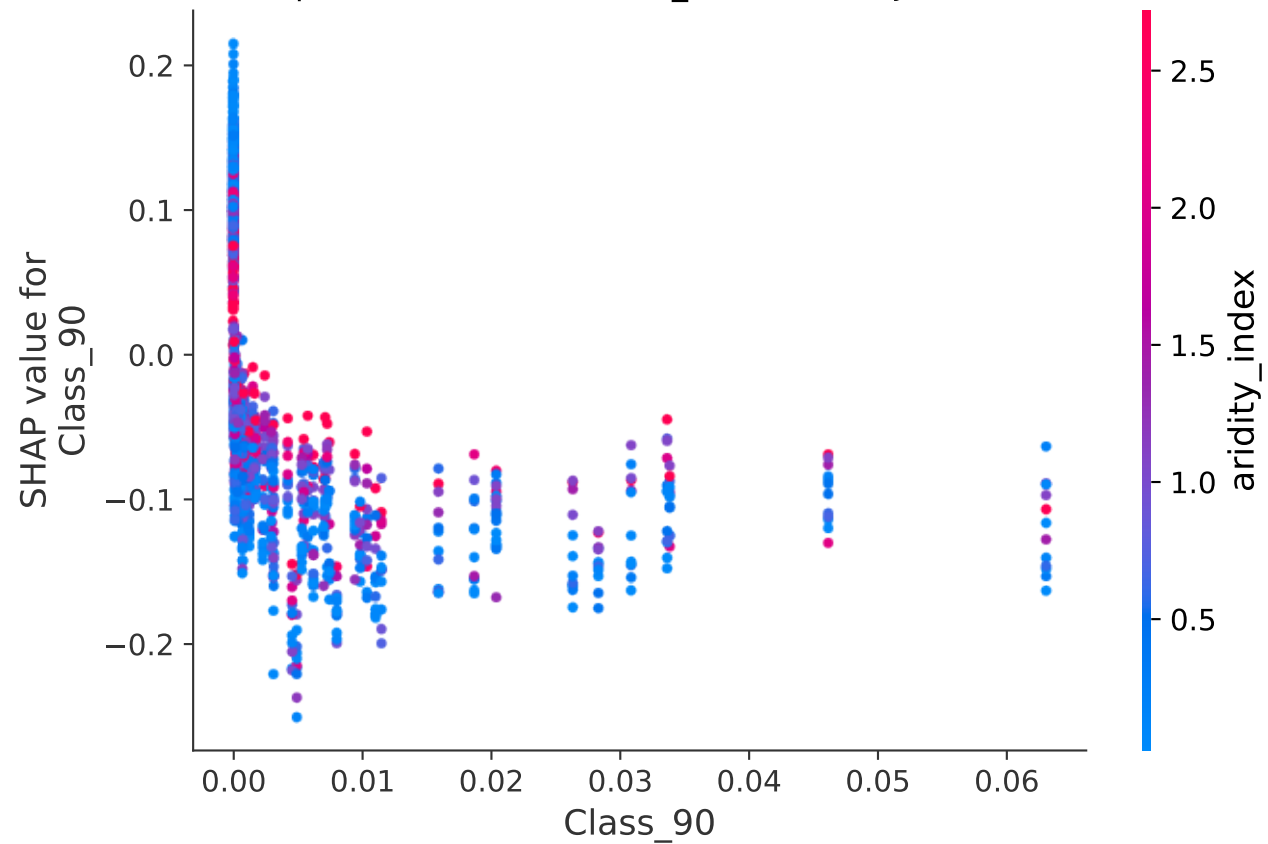
SHAP Dependence Plot for ANOM4_lag1, Class 2 - Java (Test Set)



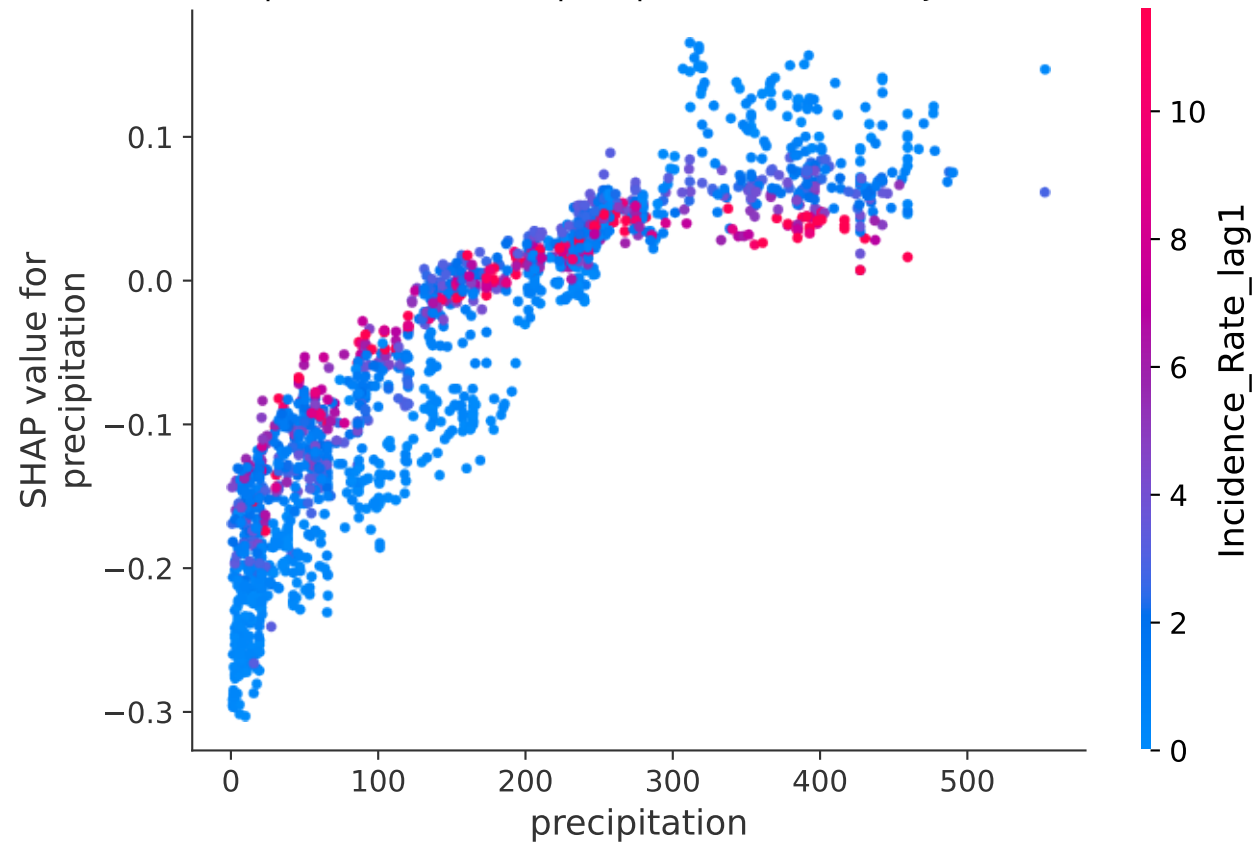
SHAP Dependence Plot for ANOM3_lag2, Class 2 - Java (Test Set)



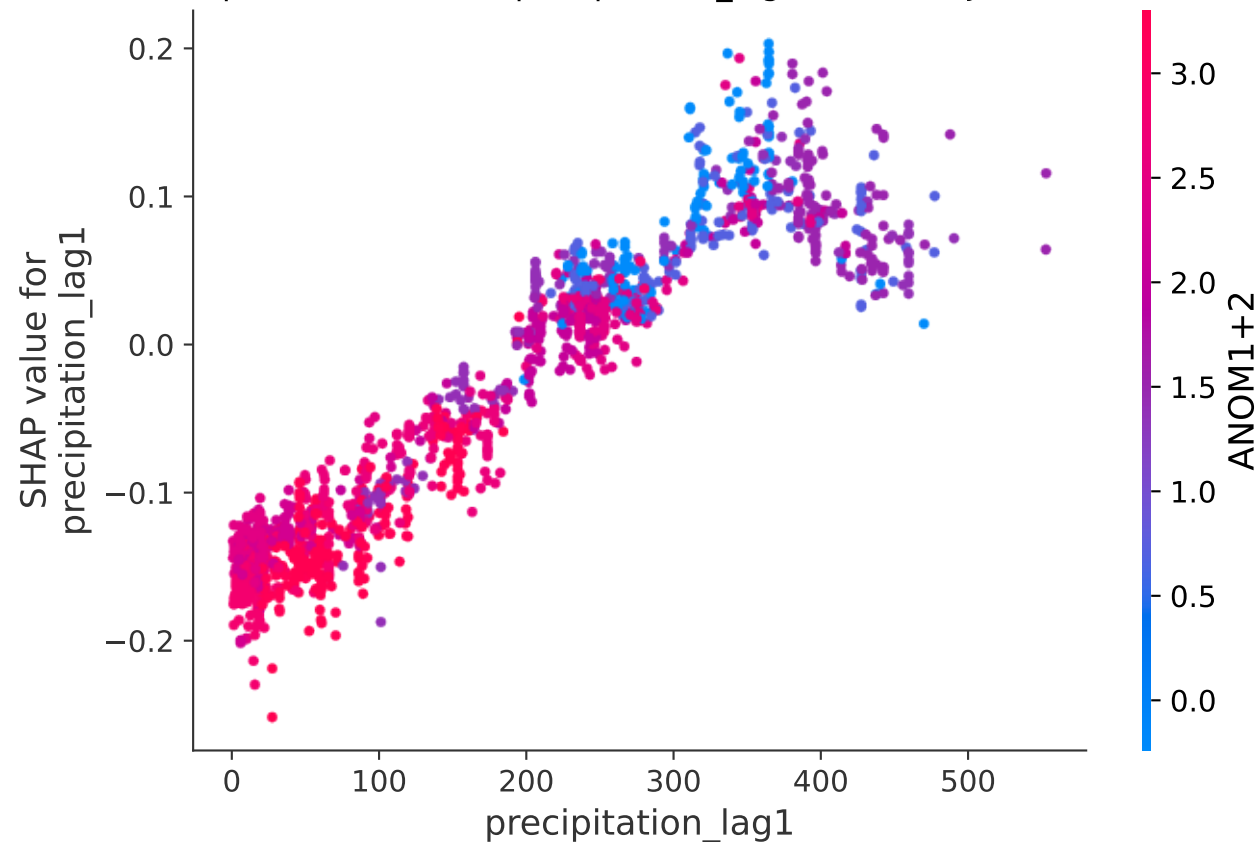
SHAP Dependence Plot for Class_90, Class 2 - Java (Test Set)



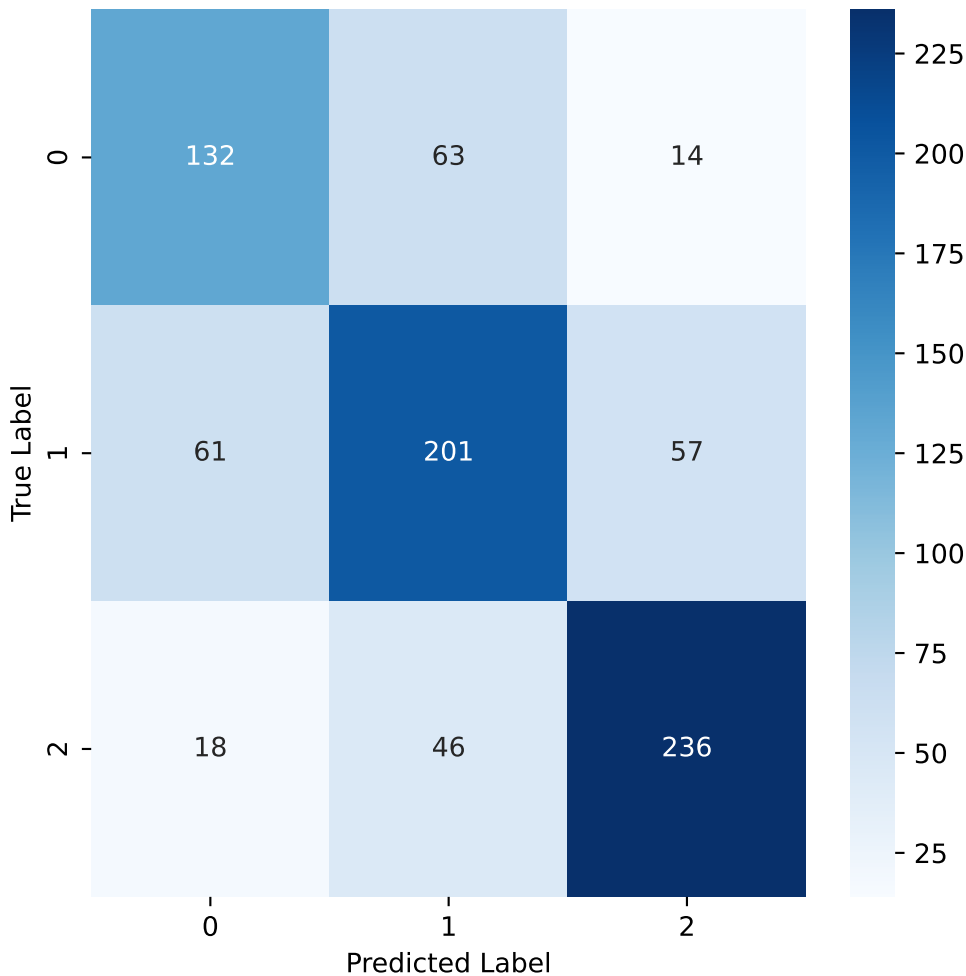
SHAP Dependence Plot for precipitation, Class 2 - Java (Test Set)



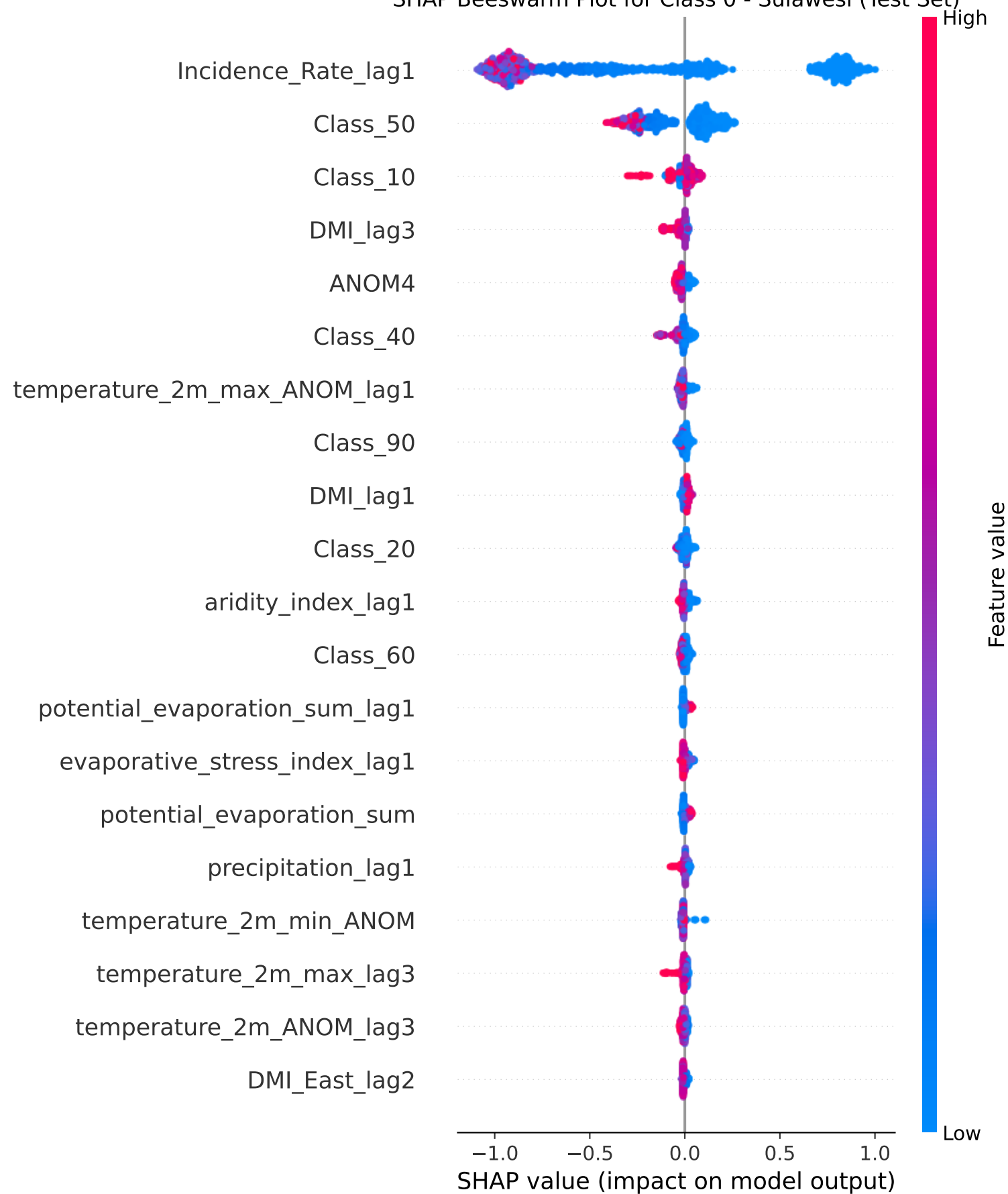
SHAP Dependence Plot for precipitation_lag1, Class 2 - Java (Test Set)



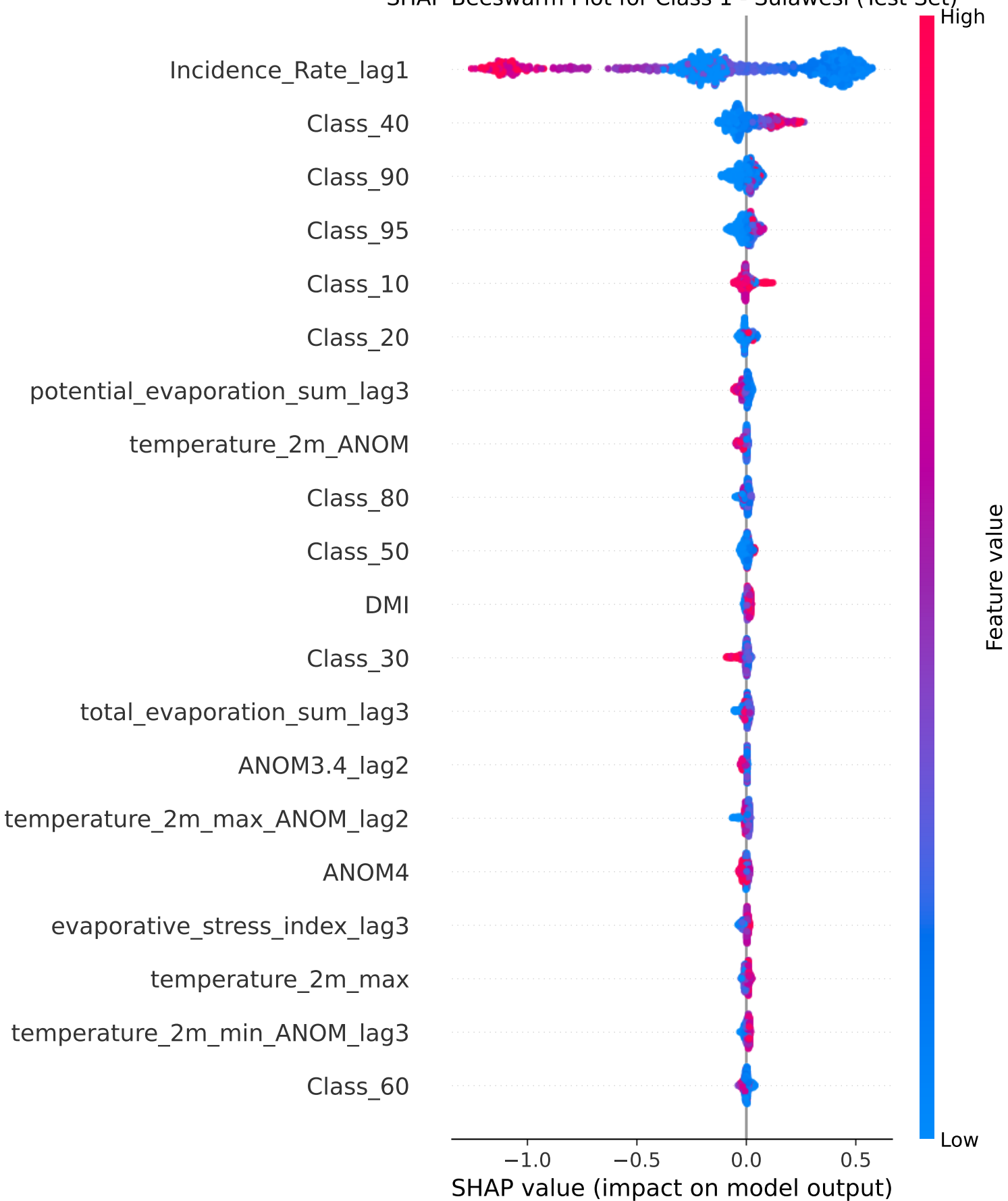
Confusion Matrix - Sulawesi (Test Set)



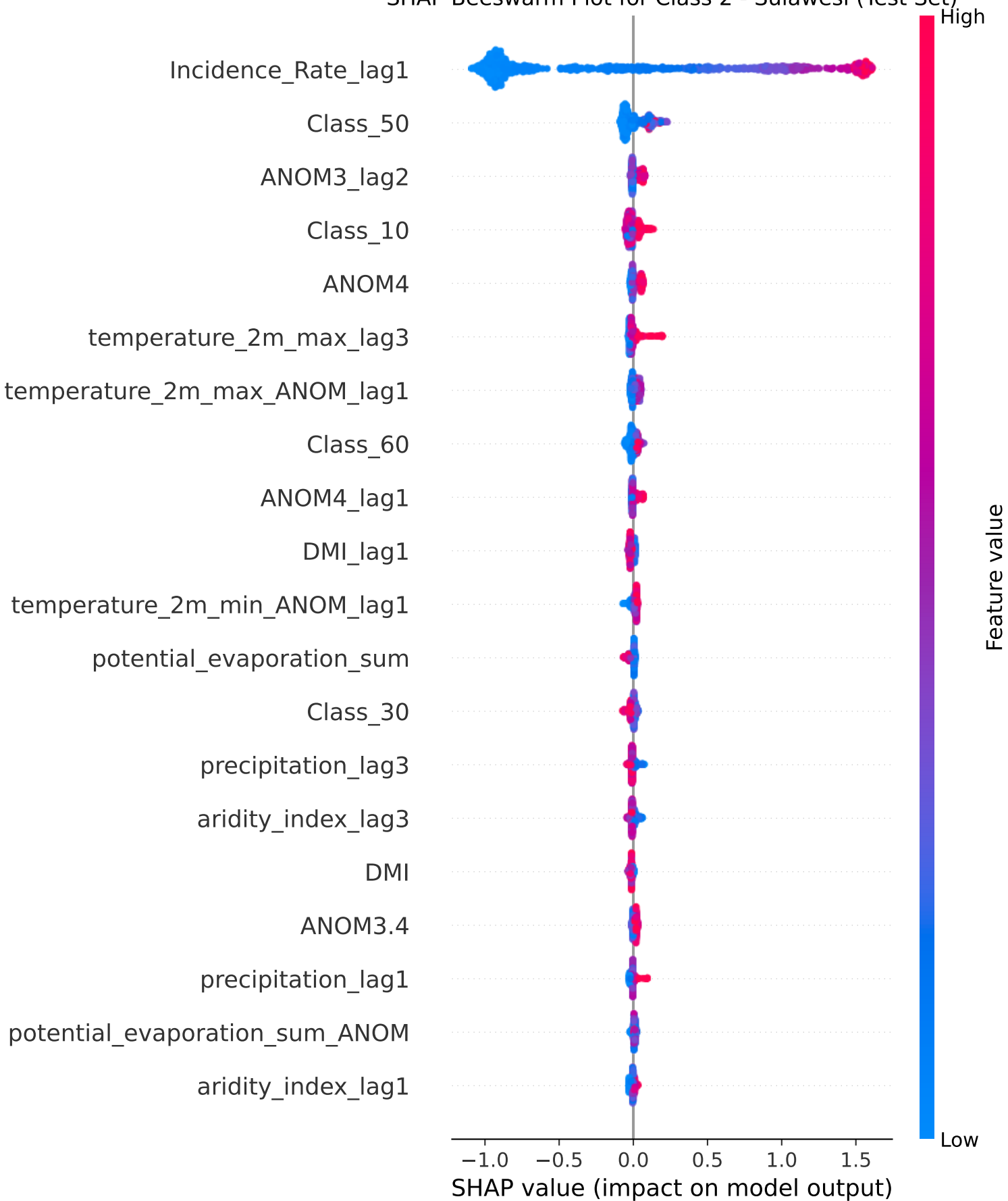
SHAP Beeswarm Plot for Class 0 - Sulawesi (Test Set)



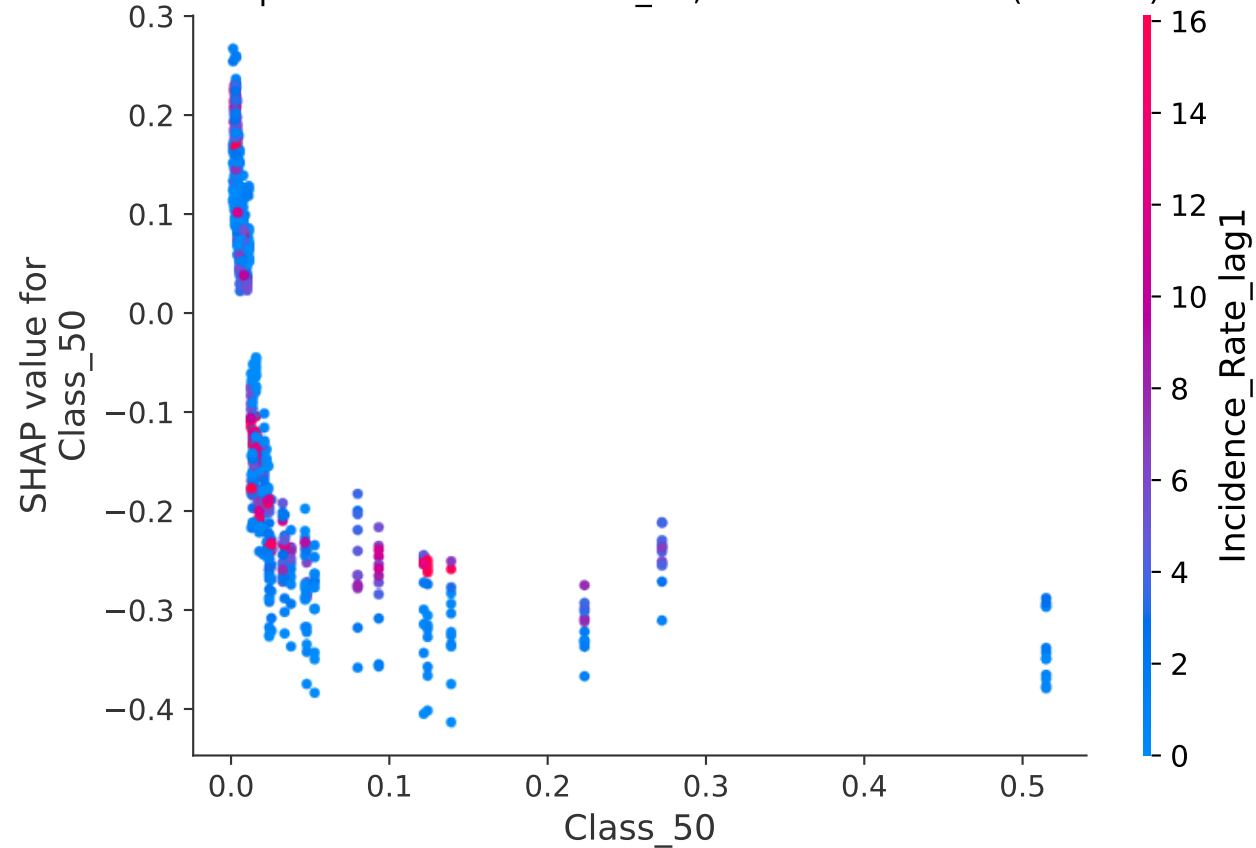
SHAP Beeswarm Plot for Class 1 - Sulawesi (Test Set)



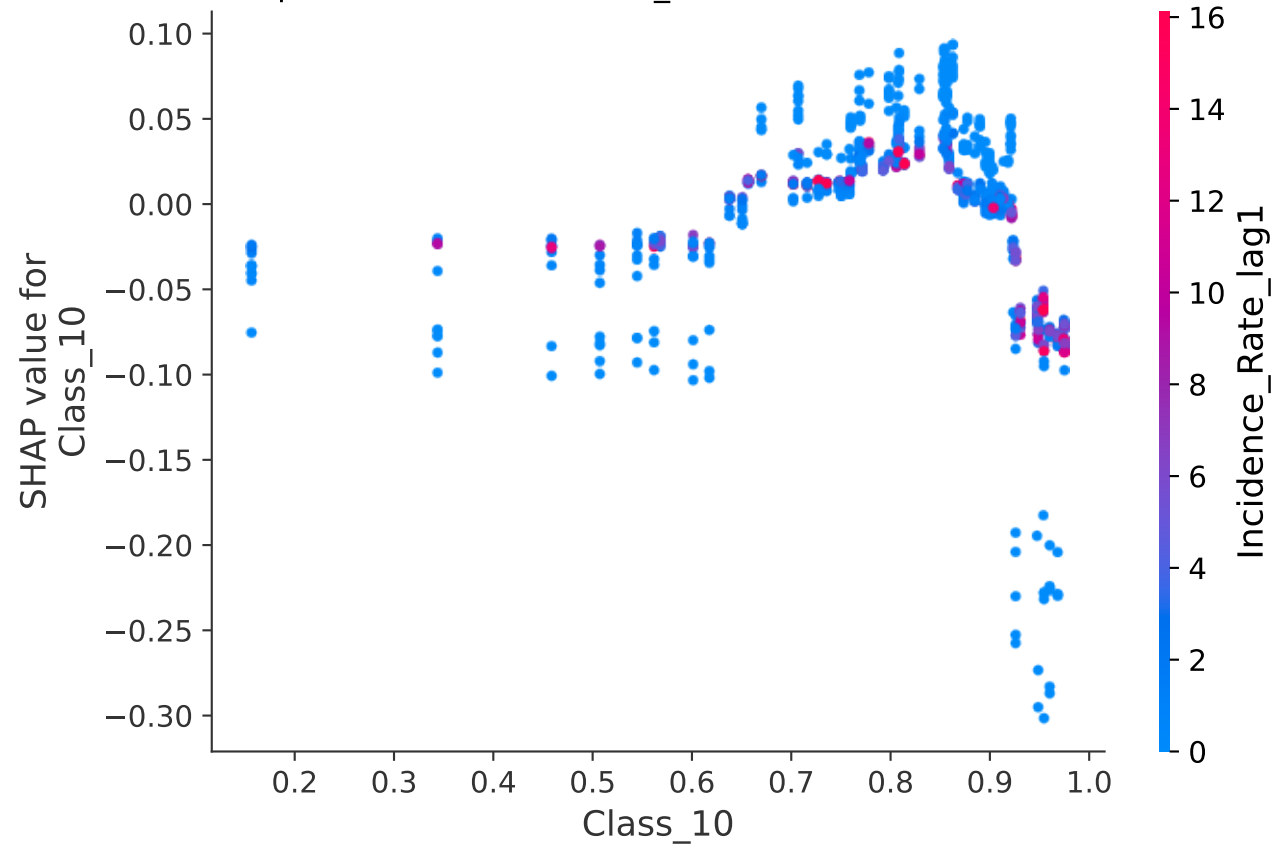
SHAP Beeswarm Plot for Class 2 - Sulawesi (Test Set)



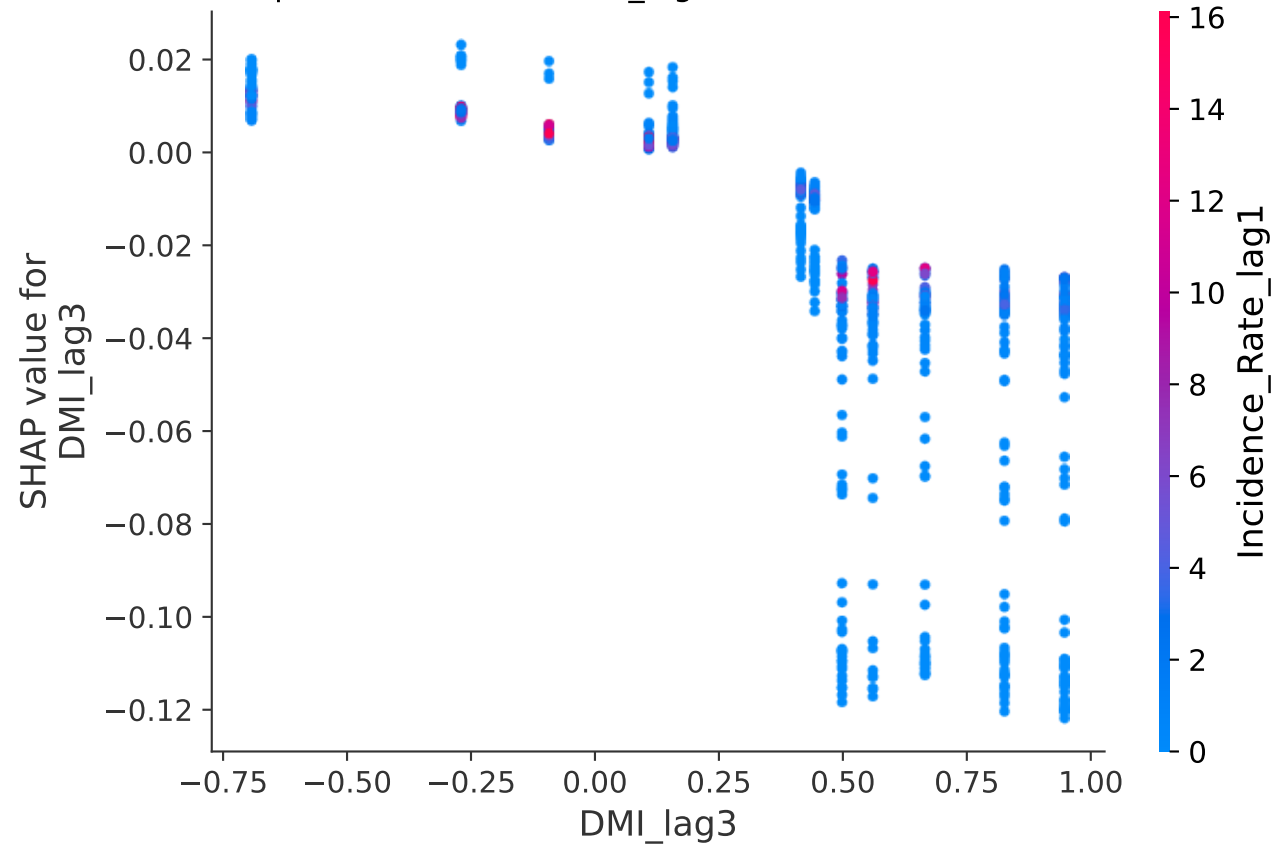
SHAP Dependence Plot for Class_50, Class 0 - Sulawesi (Test Set)



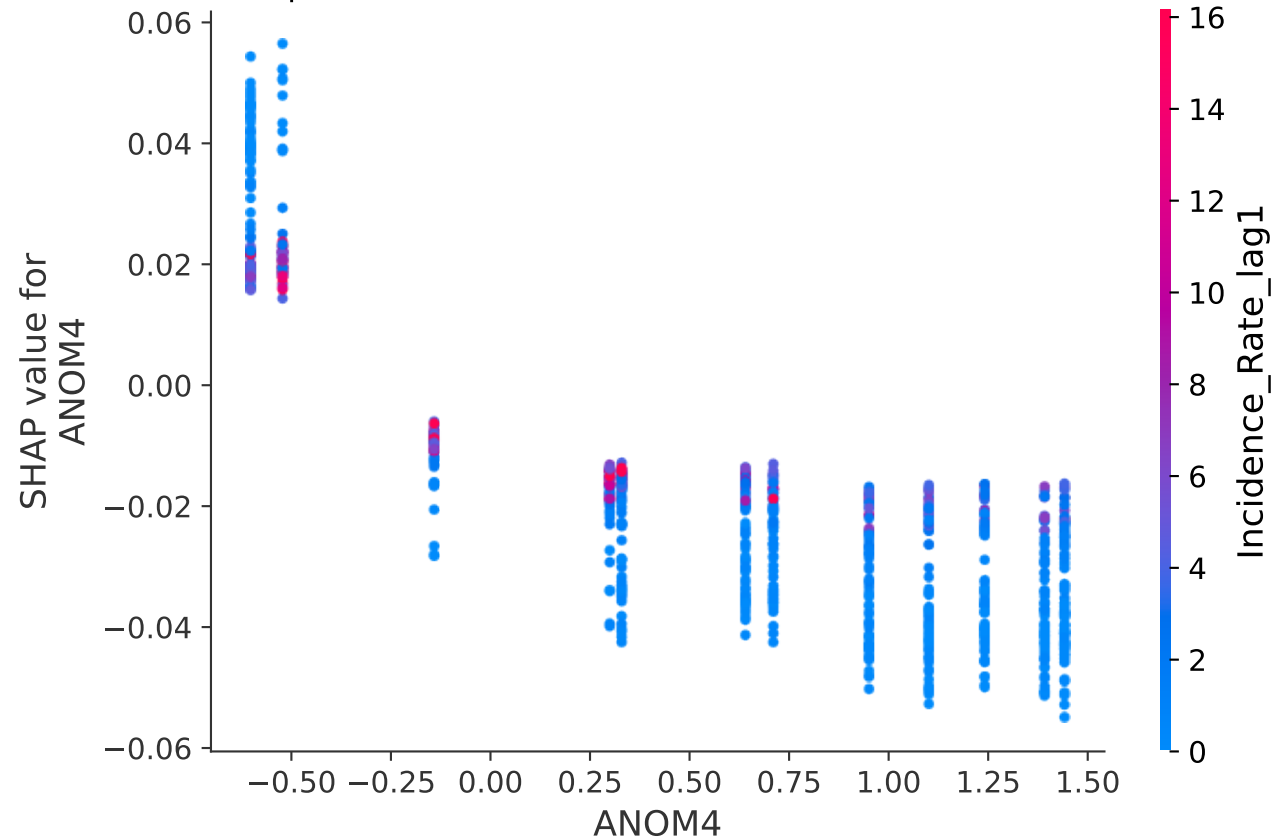
SHAP Dependence Plot for Class_10, Class 0 - Sulawesi (Test Set)



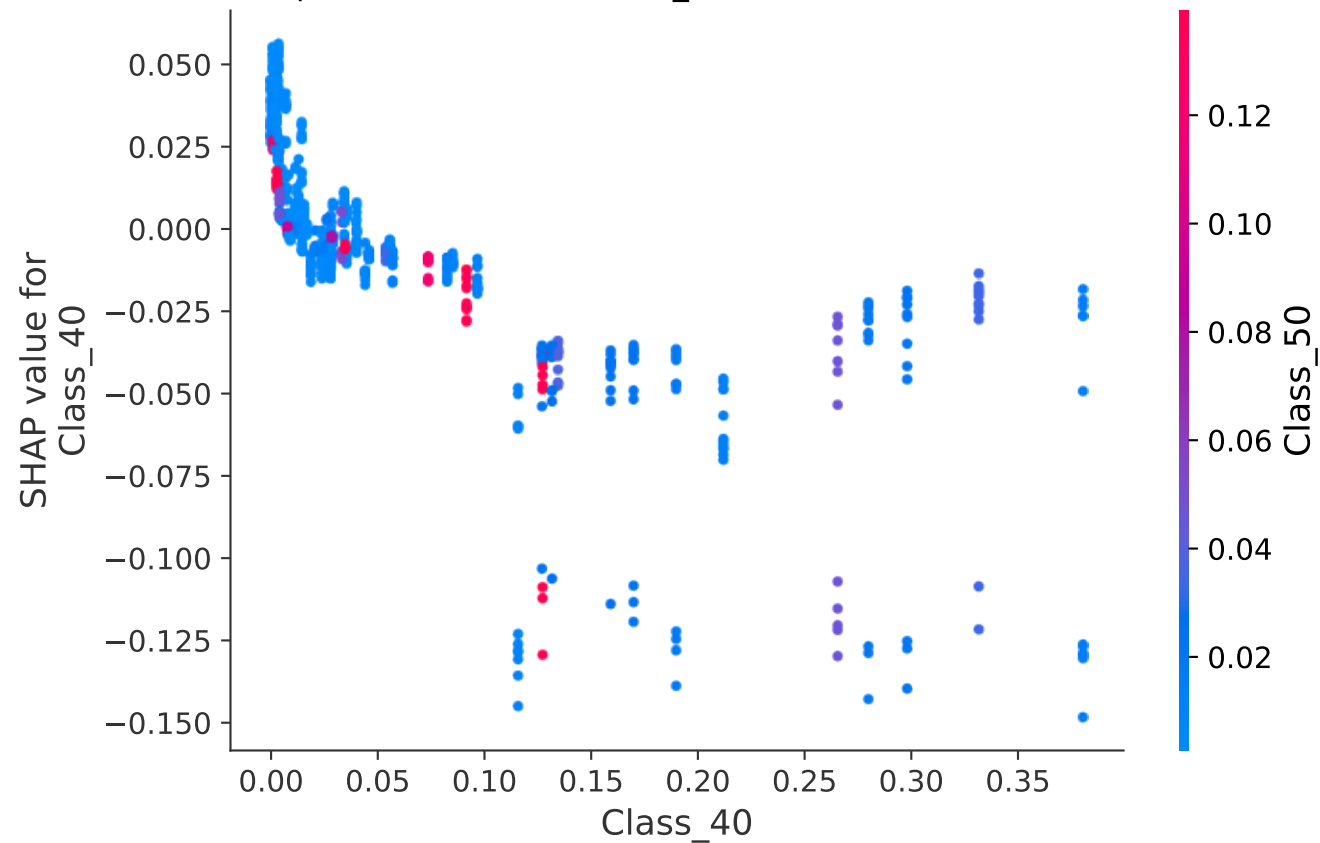
SHAP Dependence Plot for DMI_lag3, Class 0 - Sulawesi (Test Set)



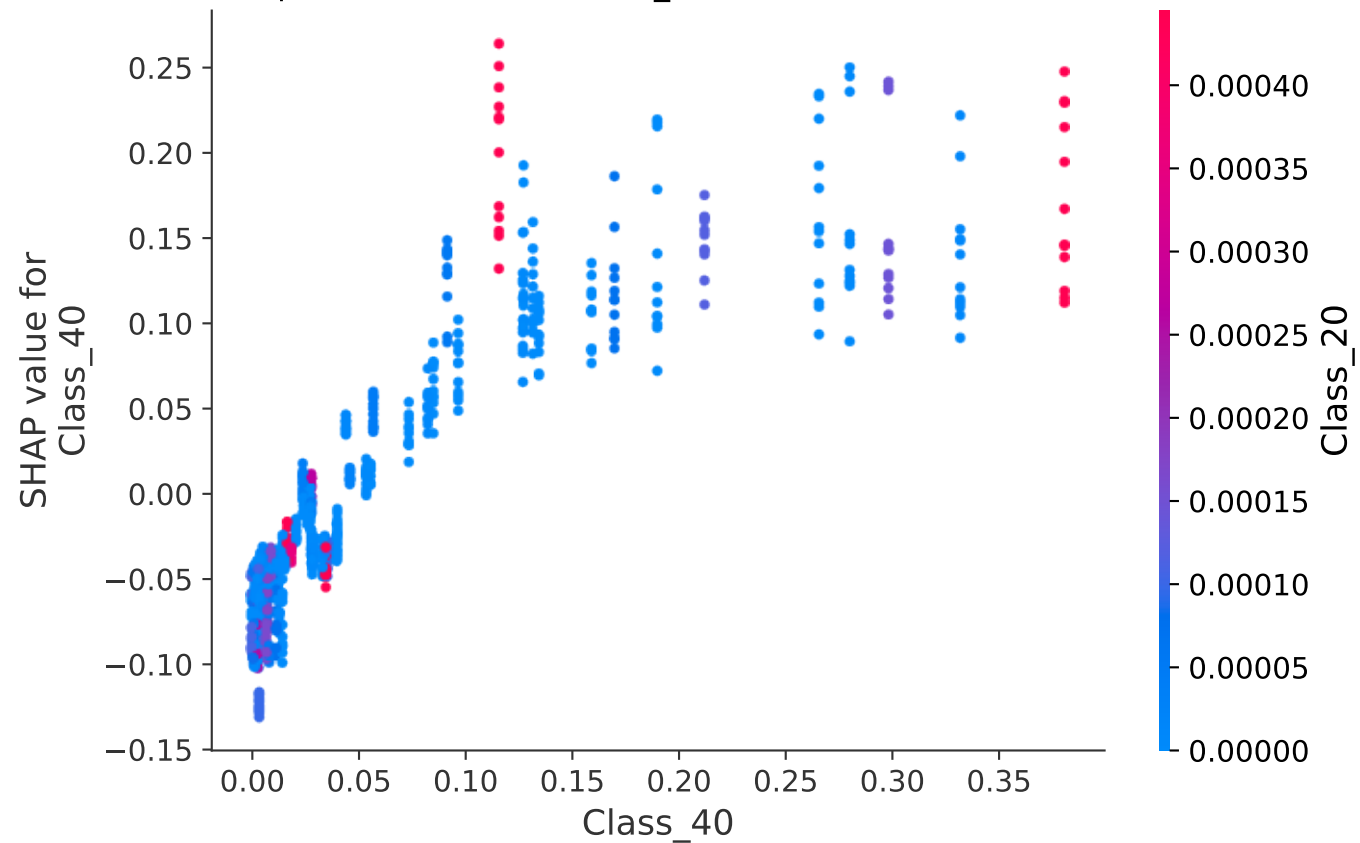
SHAP Dependence Plot for ANOM4, Class 0 - Sulawesi (Test Set)



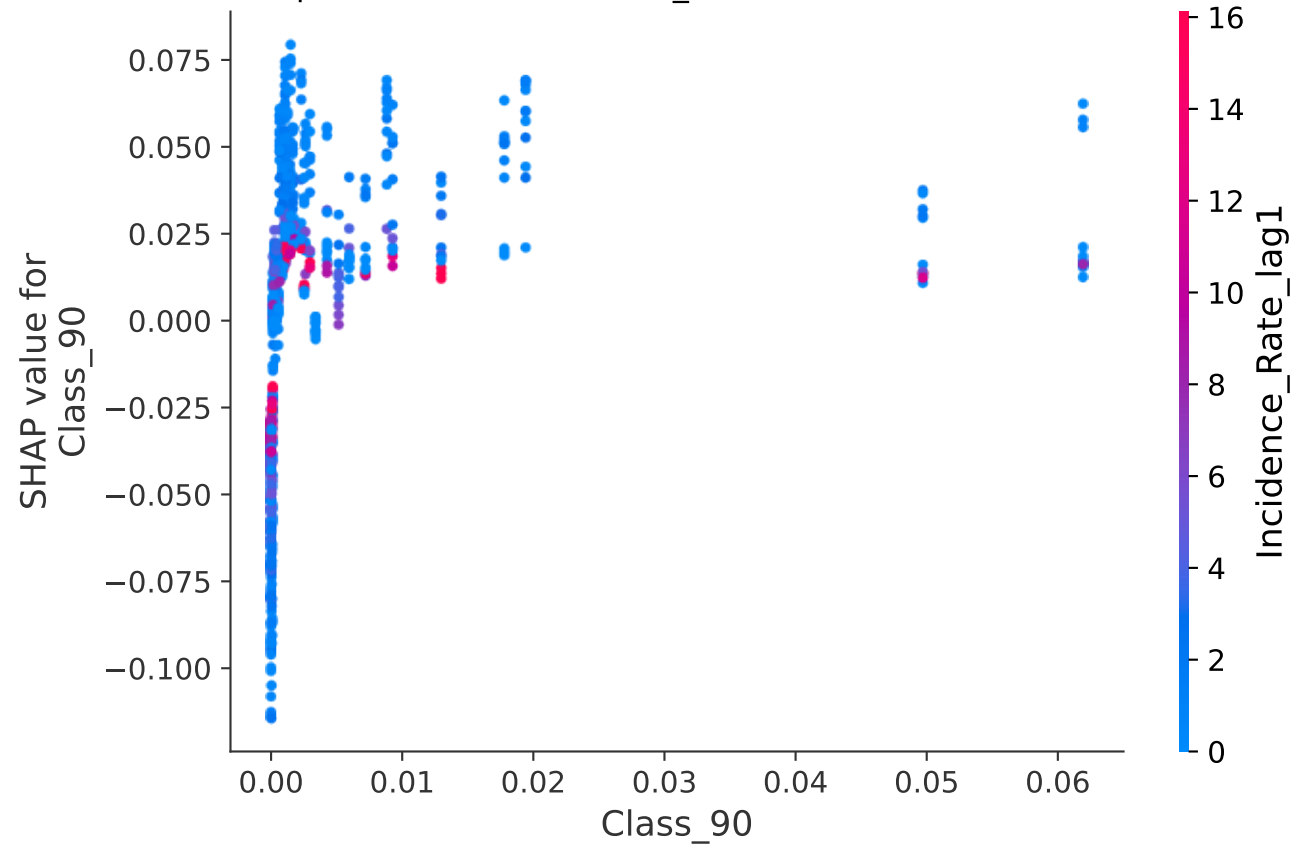
SHAP Dependence Plot for Class_40, Class 0 - Sulawesi (Test Set)



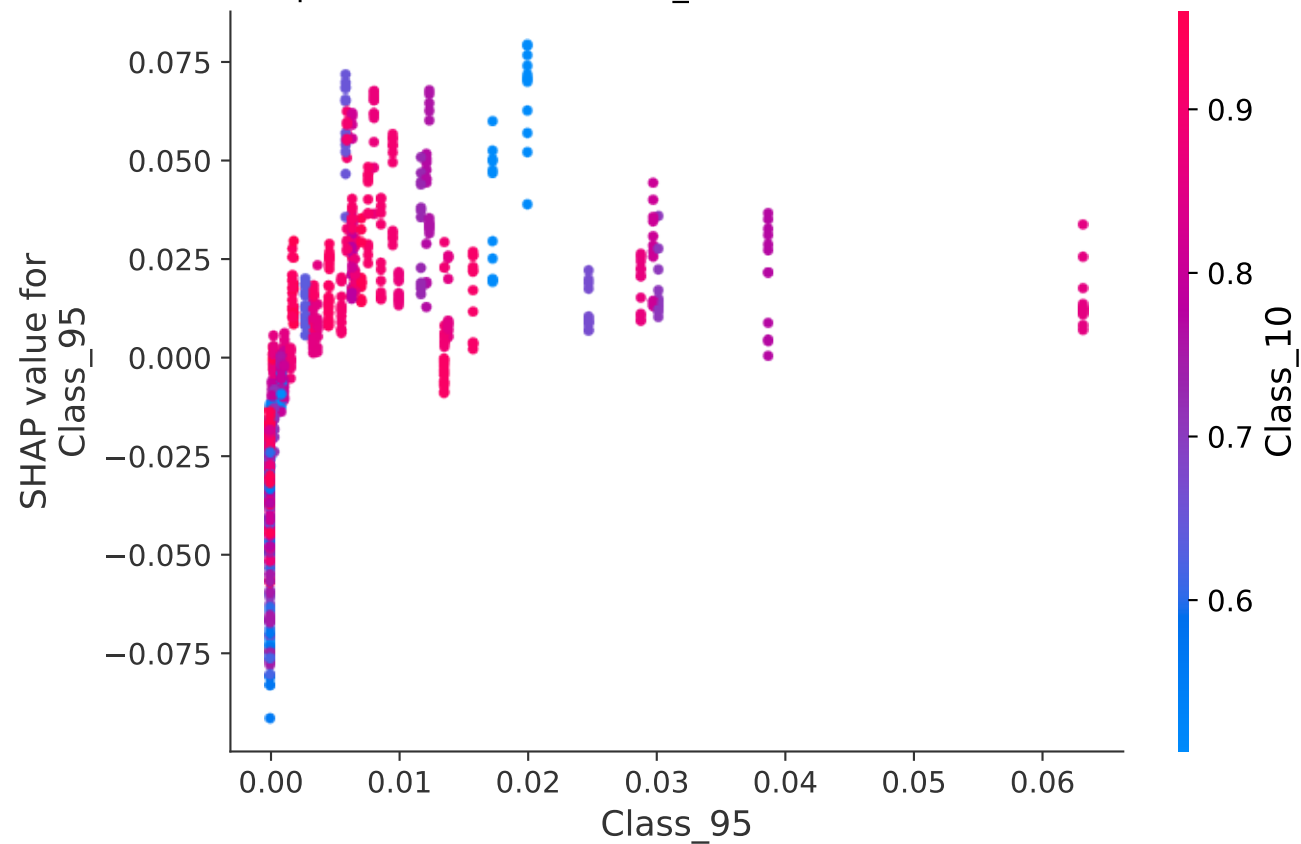
SHAP Dependence Plot for Class_40, Class 1 - Sulawesi (Test Set)



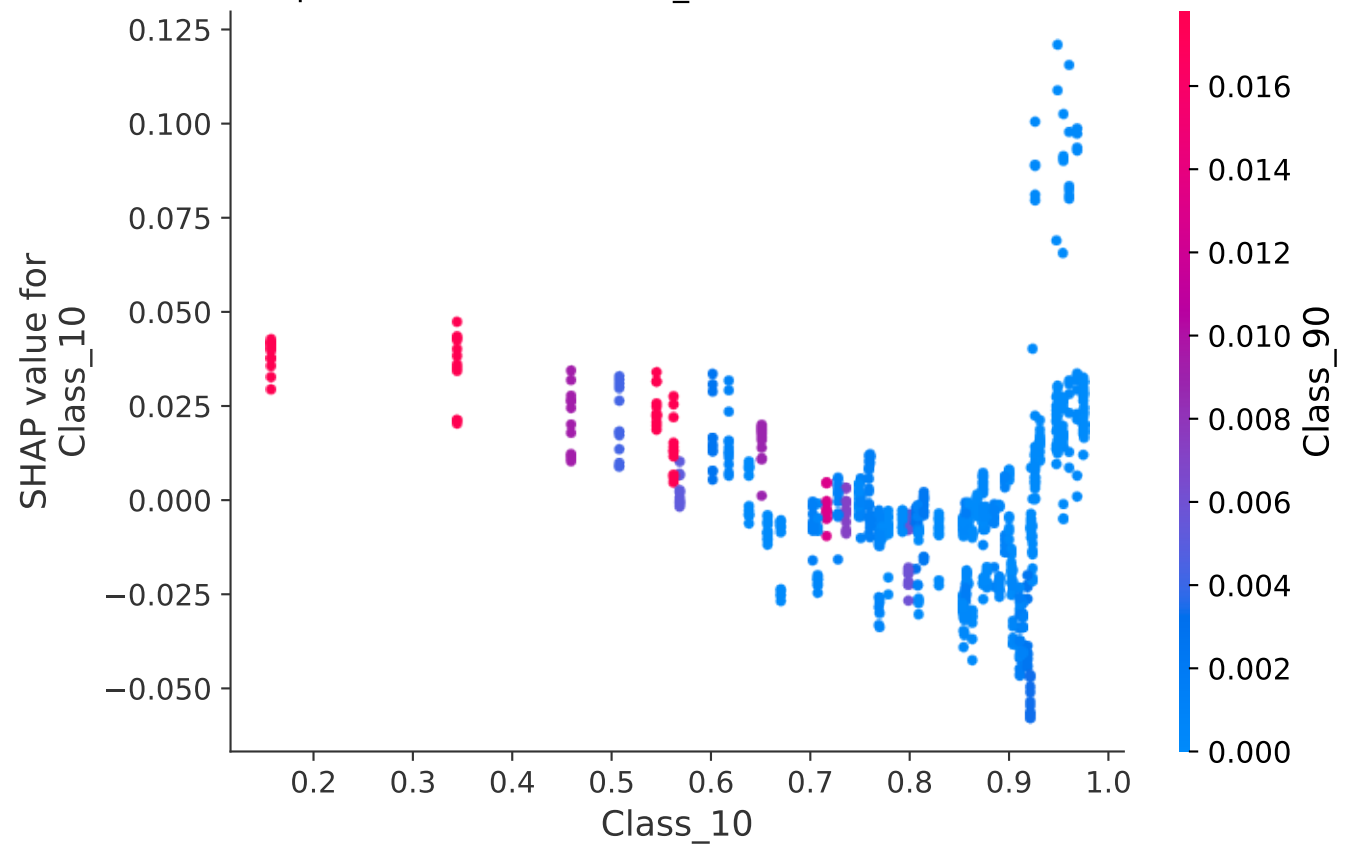
SHAP Dependence Plot for Class_90, Class 1 - Sulawesi (Test Set)



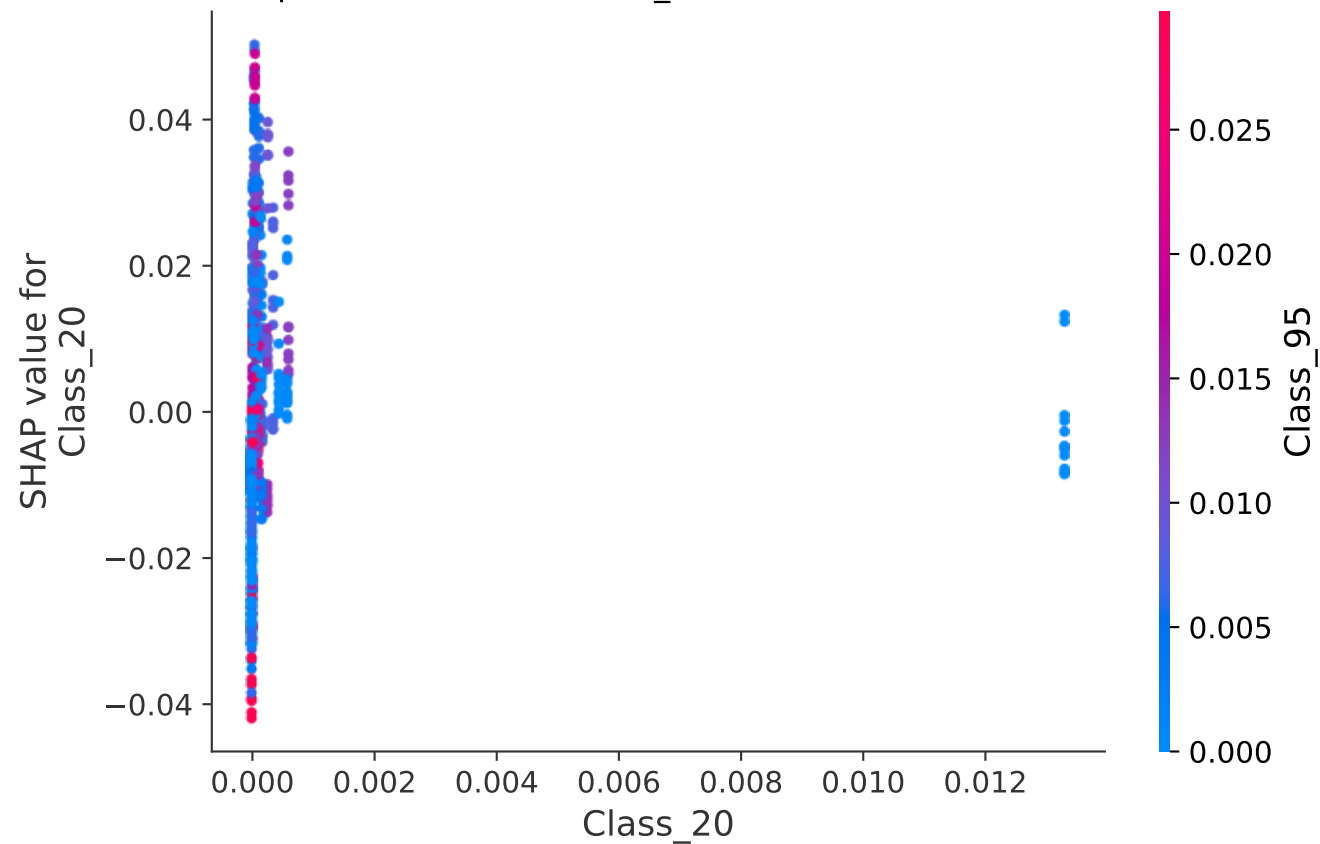
SHAP Dependence Plot for Class_95, Class 1 - Sulawesi (Test Set)



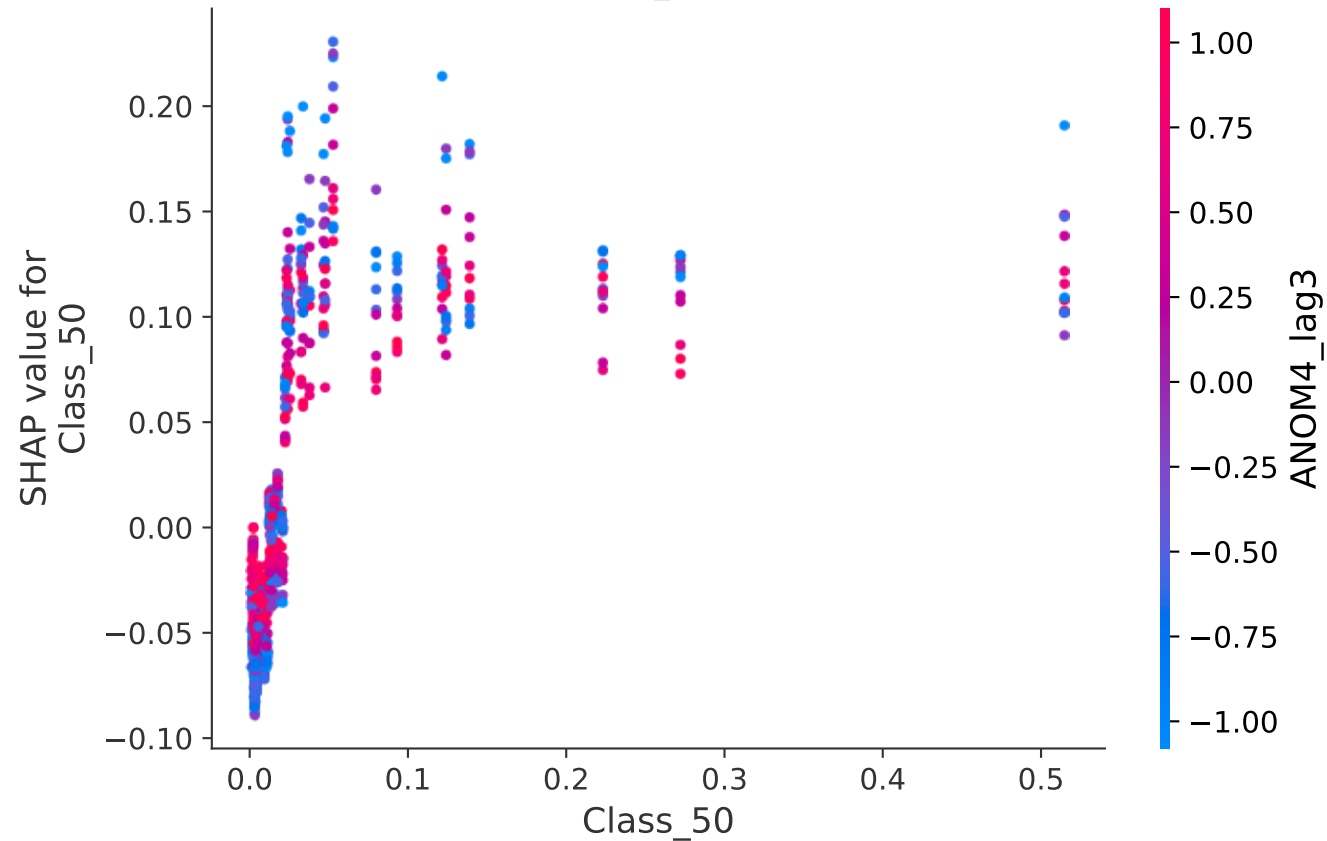
SHAP Dependence Plot for Class_10, Class 1 - Sulawesi (Test Set)



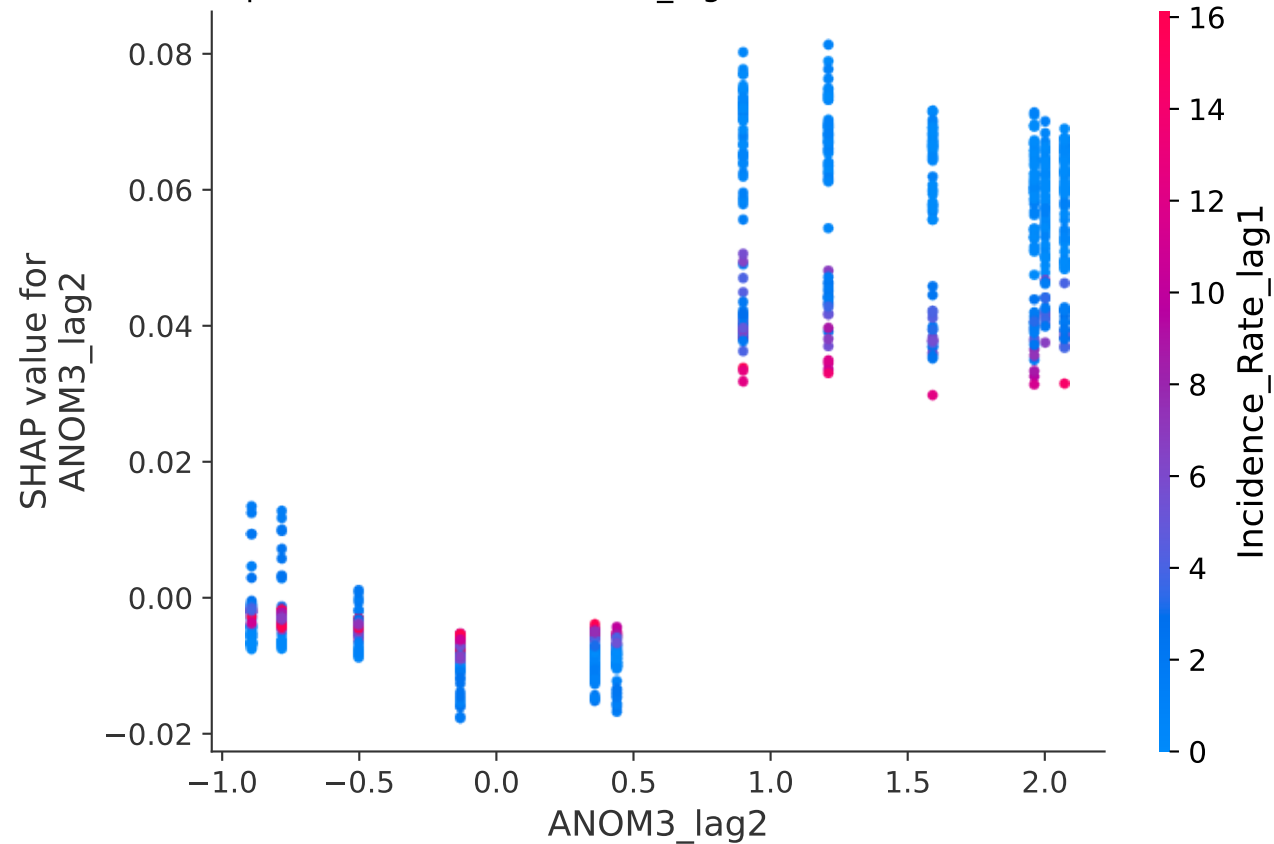
SHAP Dependence Plot for Class_20, Class 1 - Sulawesi (Test Set)



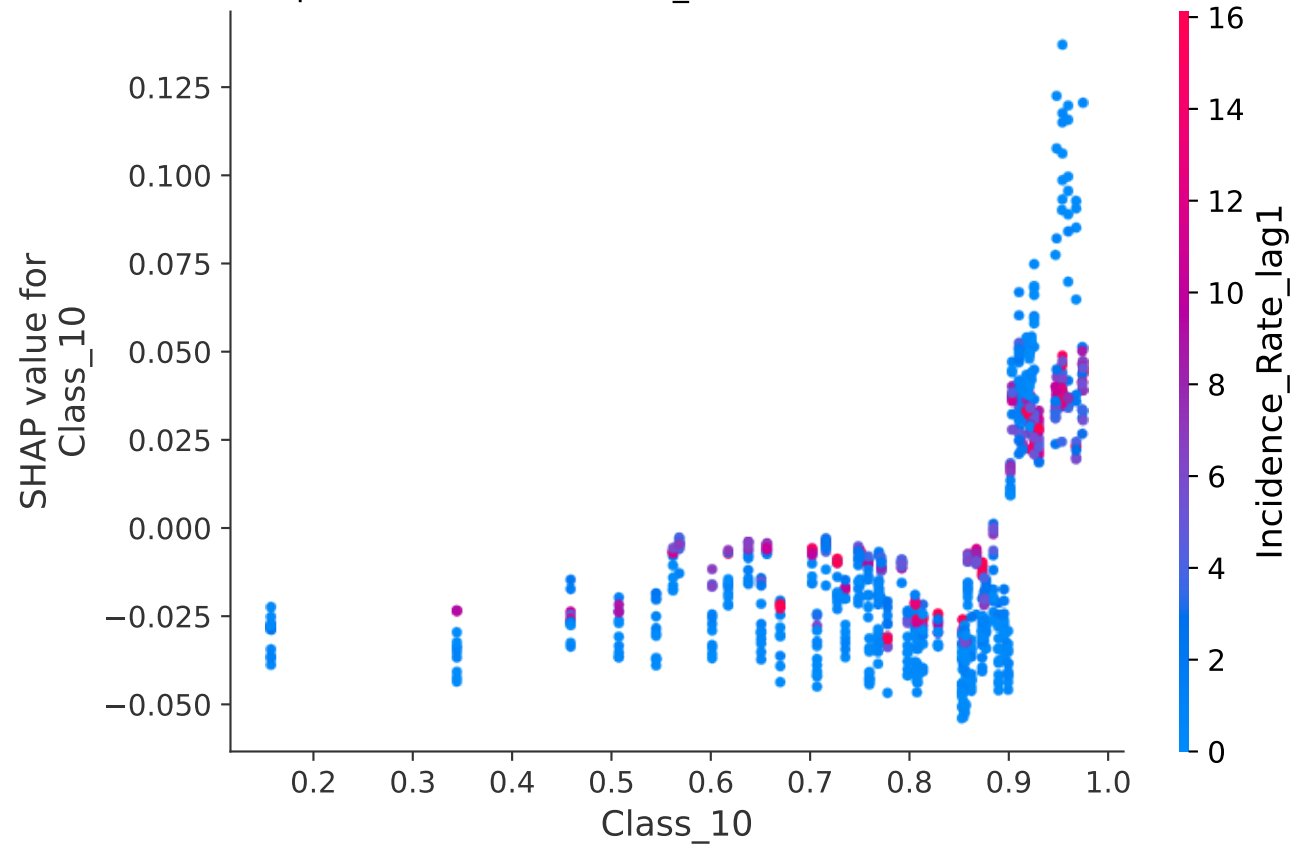
SHAP Dependence Plot for Class_50, Class 2 - Sulawesi (Test Set)



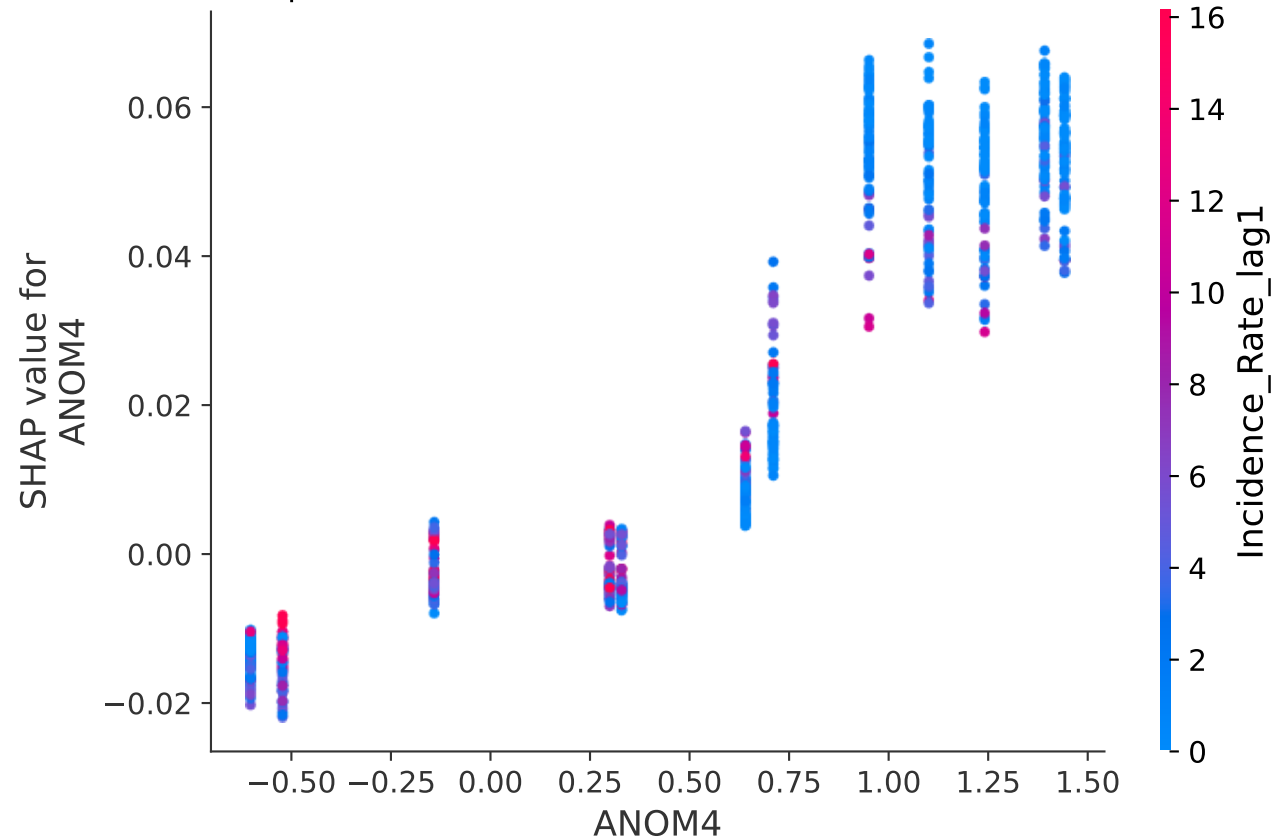
SHAP Dependence Plot for ANOM3_lag2, Class 2 - Sulawesi (Test Set)



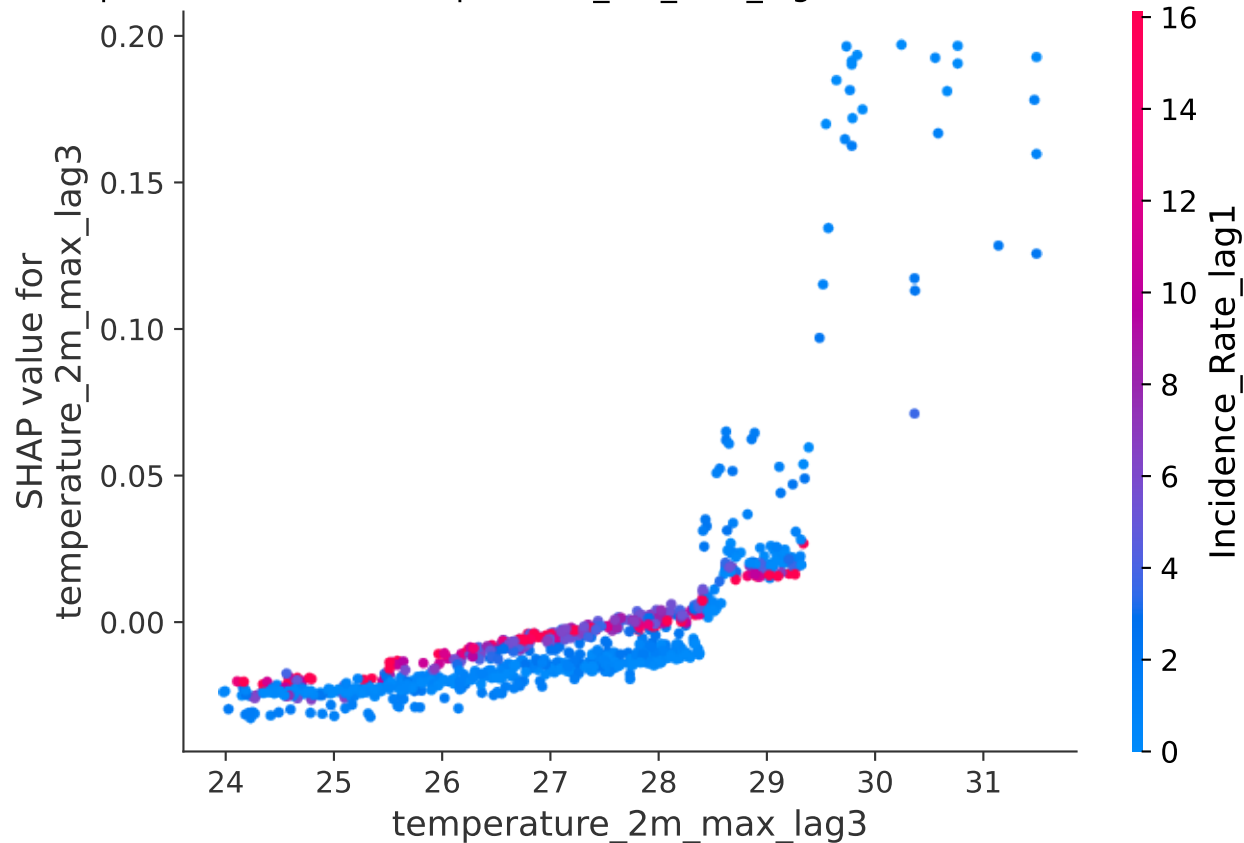
SHAP Dependence Plot for Class_10, Class 2 - Sulawesi (Test Set)



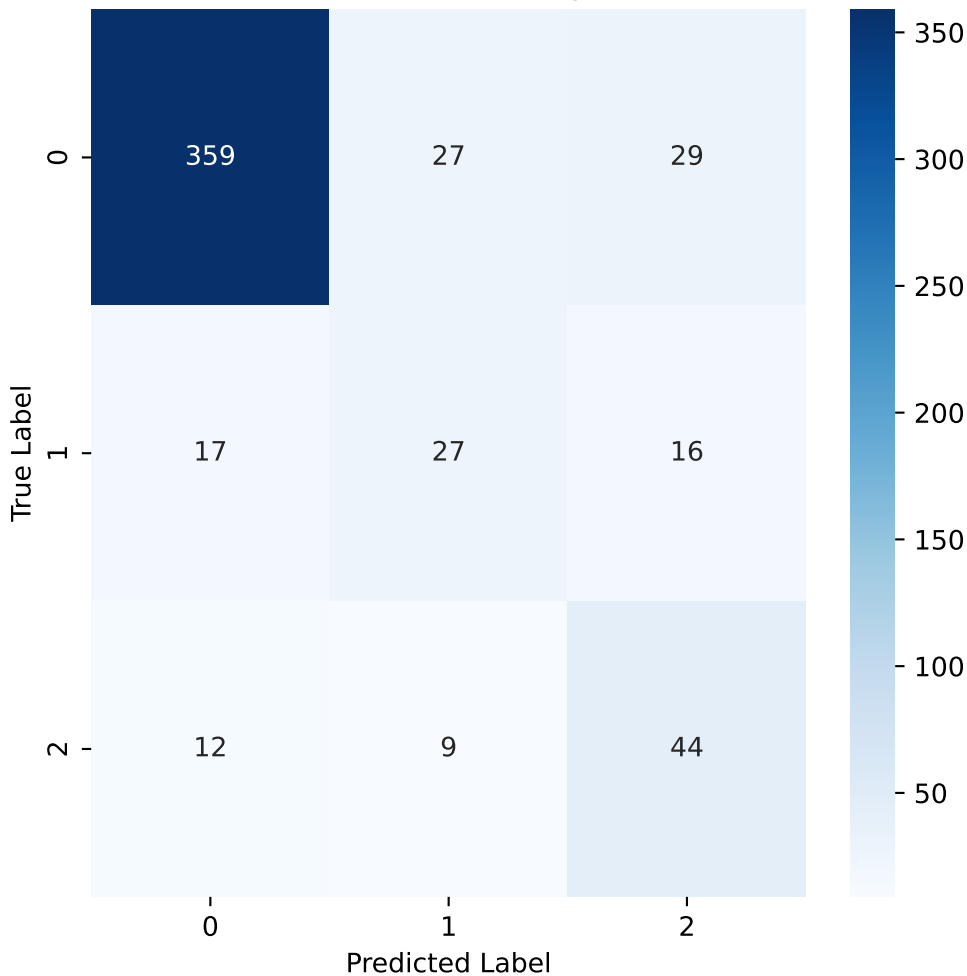
SHAP Dependence Plot for ANOM4, Class 2 - Sulawesi (Test Set)



SHAP Dependence Plot for temperature_2m_max_lag3, Class 2 - Sulawesi (Test Set)



Confusion Matrix - Maluku-Papua (Test Set)



SHAP Beeswarm Plot for Class 0 - Maluku-Papua (Test Set)

High

Feature value

Low

total_evaporation_sum_ANOM_lag1

temperature_2m_min_ANOM_lag3

temperature_2m_min_lag2

aridity_index_lag2

evaporative_stress_index

temperature_2m_max_lag2

Incidence_Rate_lag1

Class_50

Class_30

DMI_lag1

ANOM1+2_lag1

Class_40

total_evaporation_sum

DMI_lag3

Class_60

Class_90

Class_20

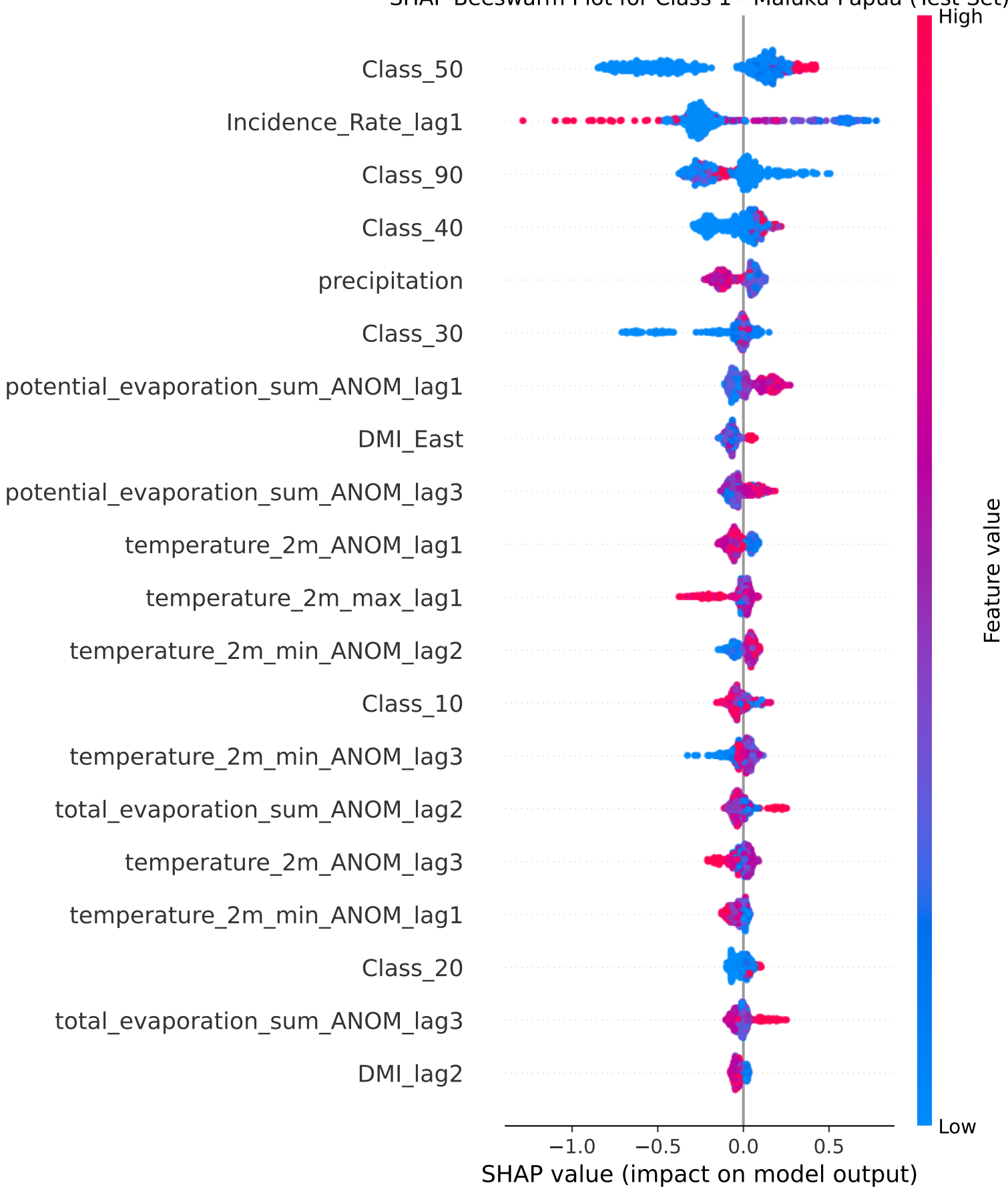
aridity_index

Class_10

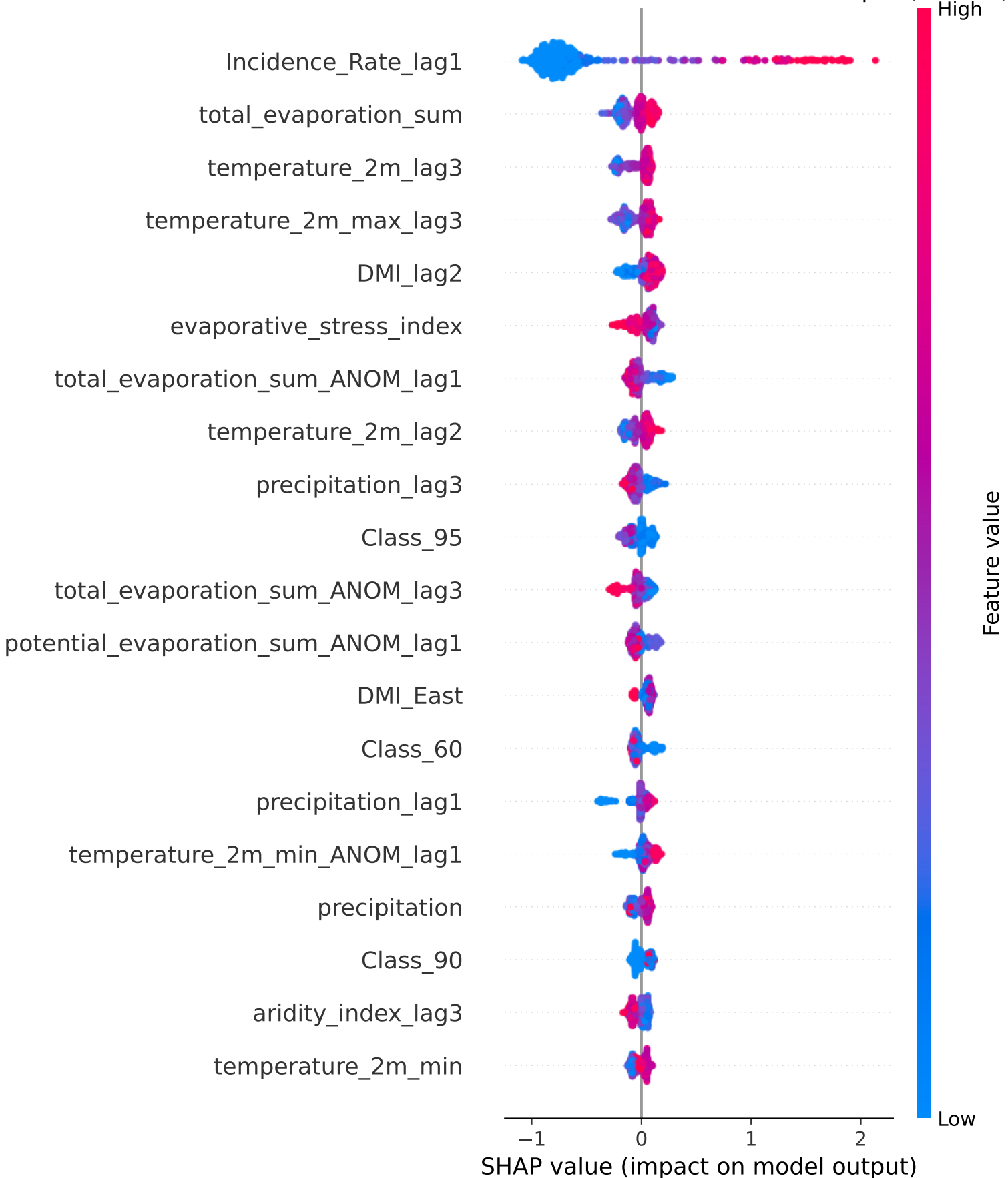
Class_95

SHAP value (impact on model output)

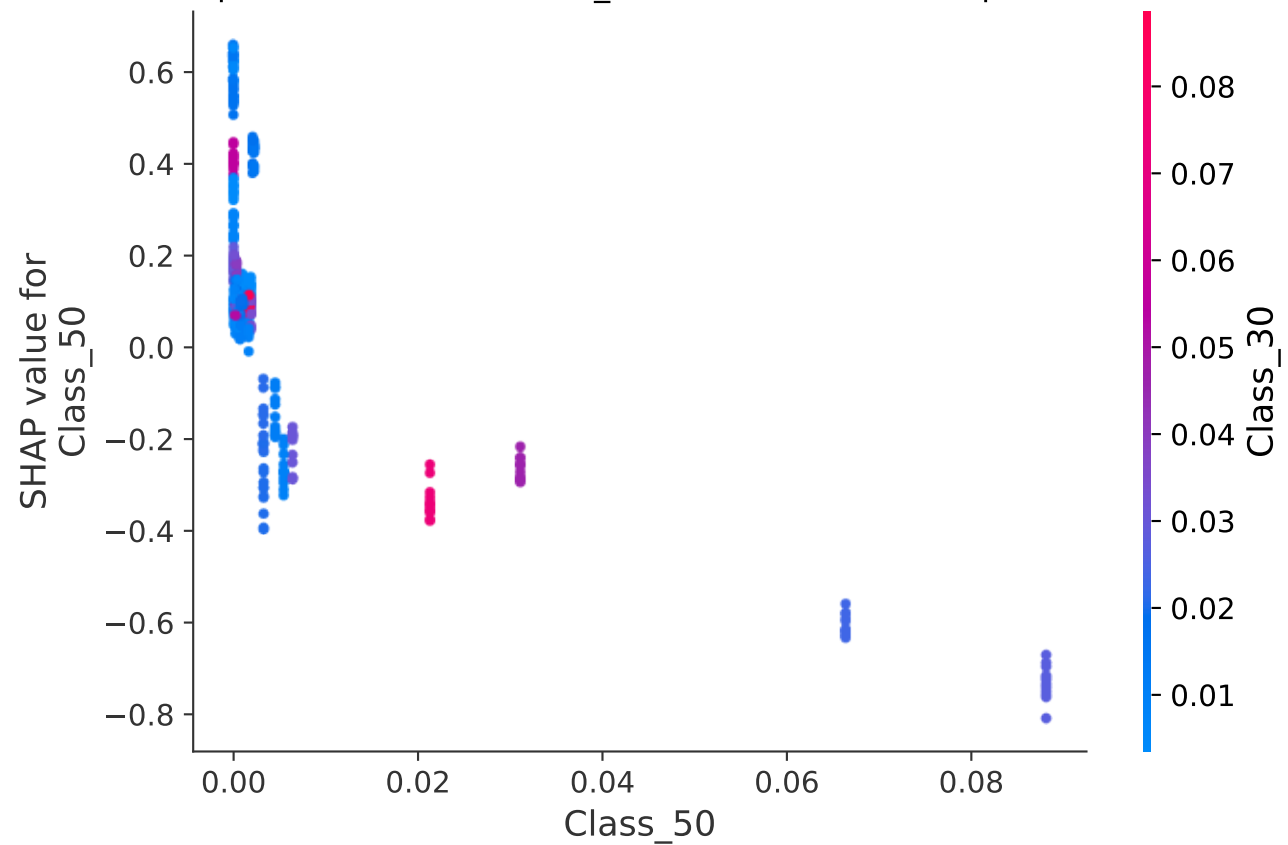
SHAP Beeswarm Plot for Class 1 - Maluku-Papua (Test Set)



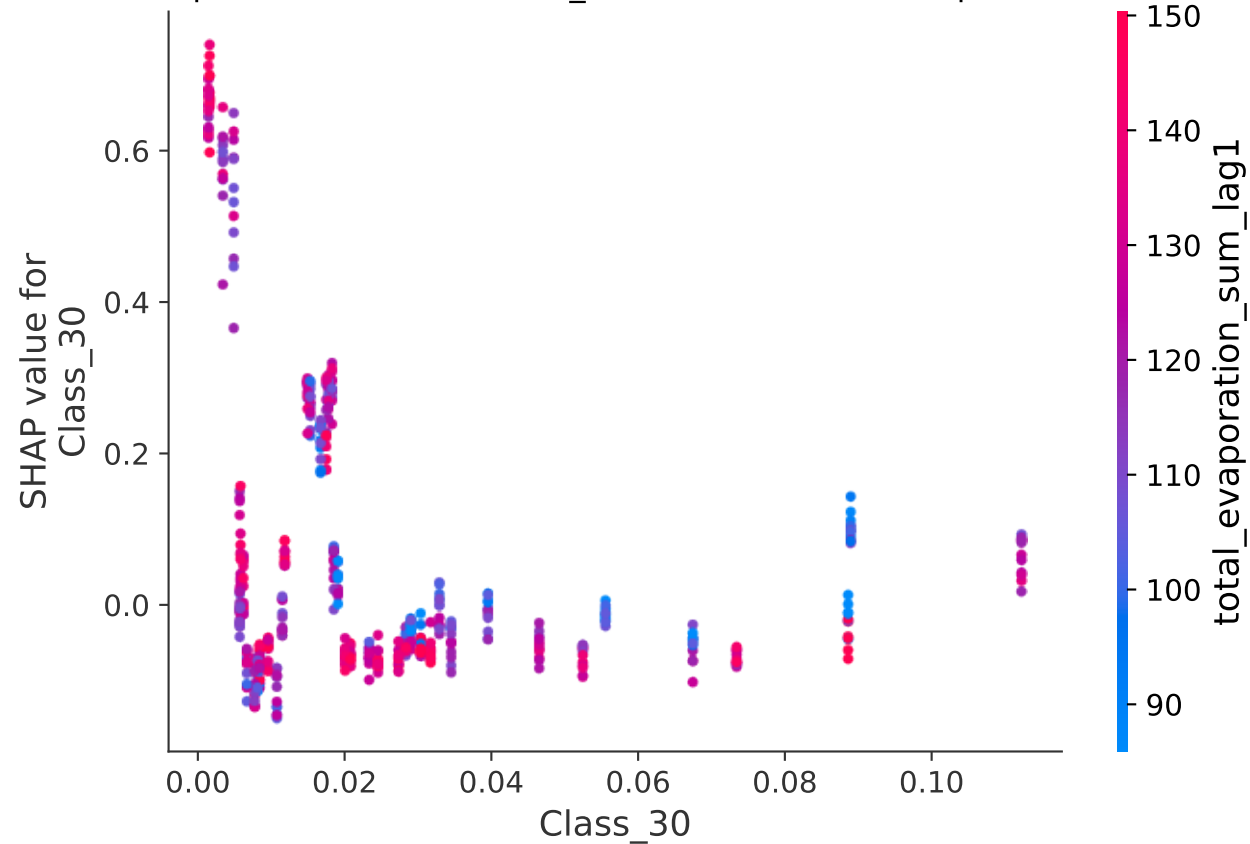
SHAP Beeswarm Plot for Class 2 - Maluku-Papua (Test Set)



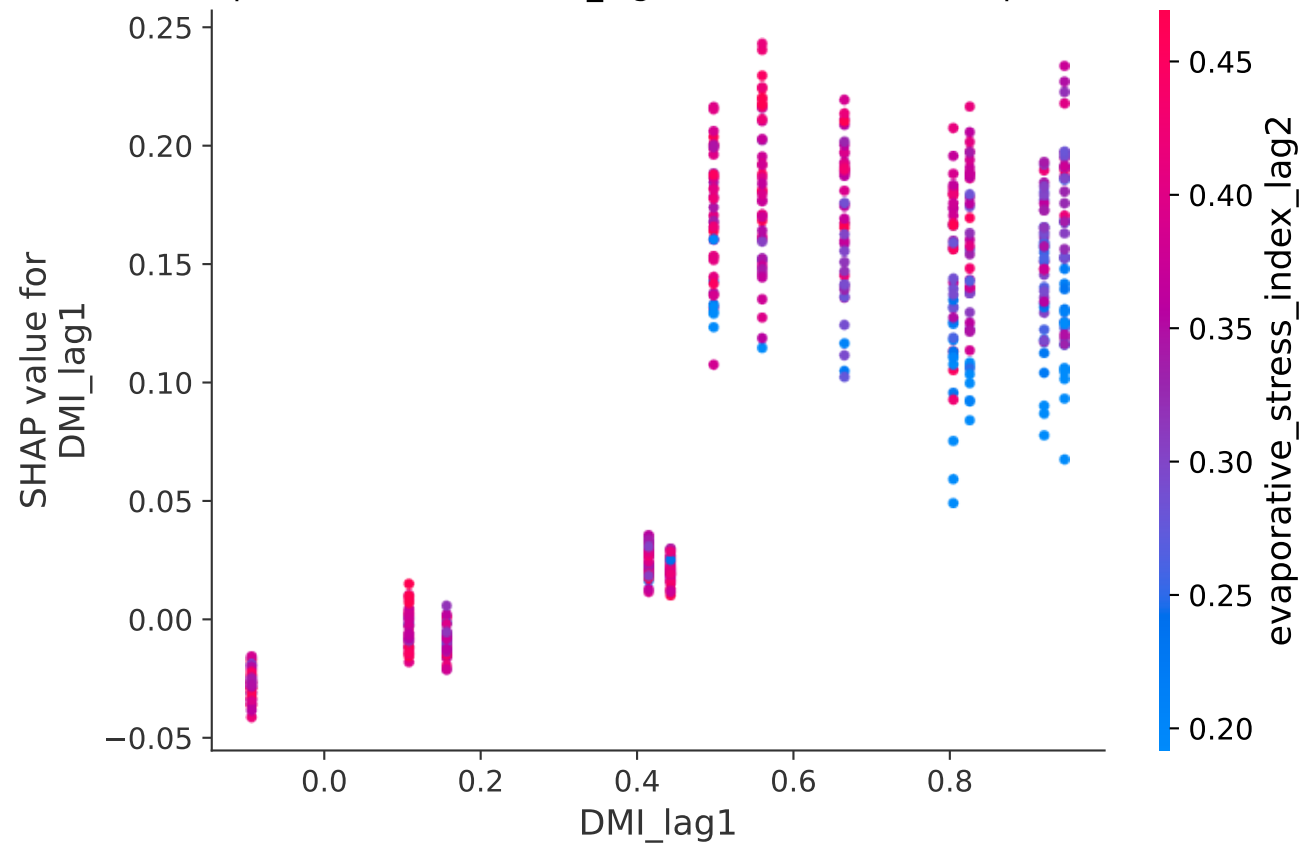
SHAP Dependence Plot for Class_50, Class 0 - Maluku-Papua (Test Set)



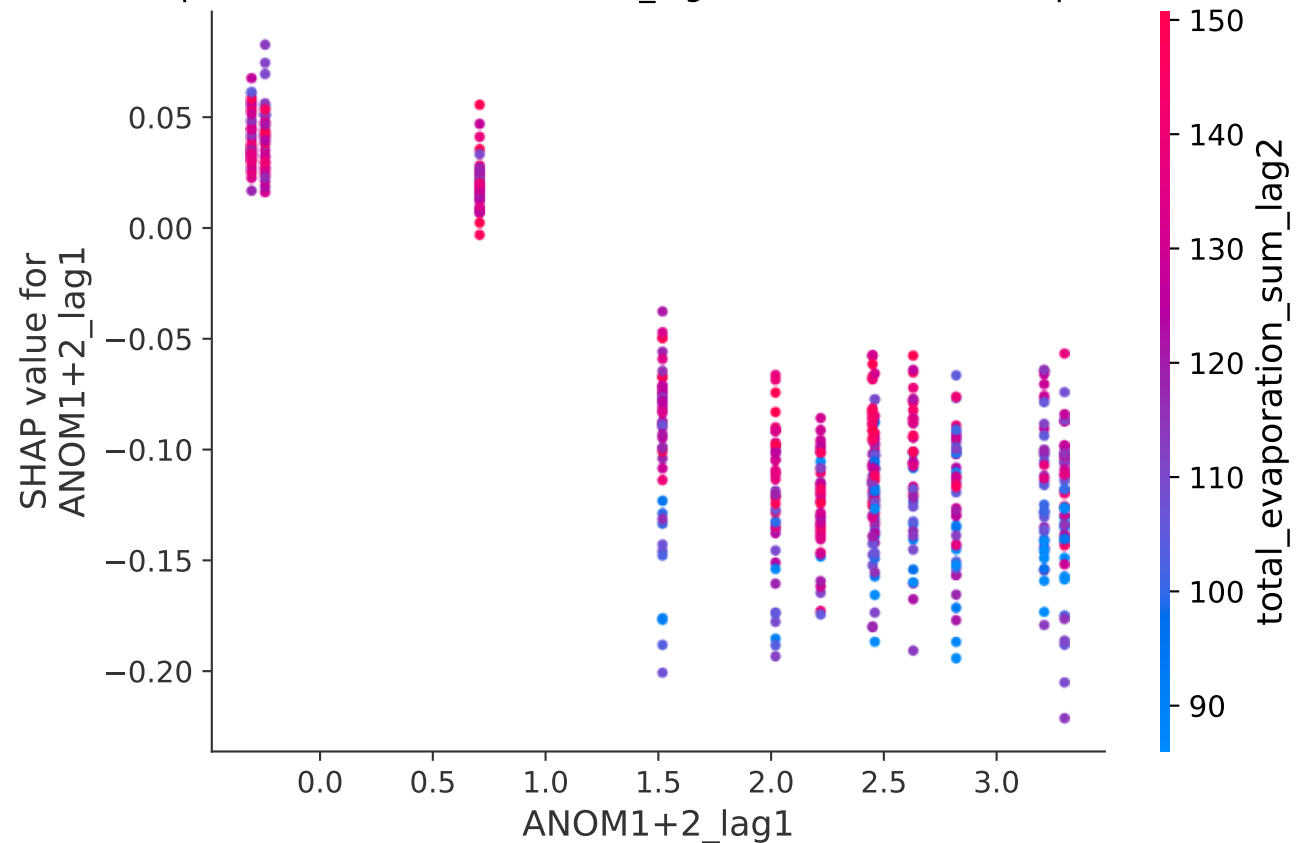
SHAP Dependence Plot for Class_30, Class 0 - Maluku-Papua (Test Set)



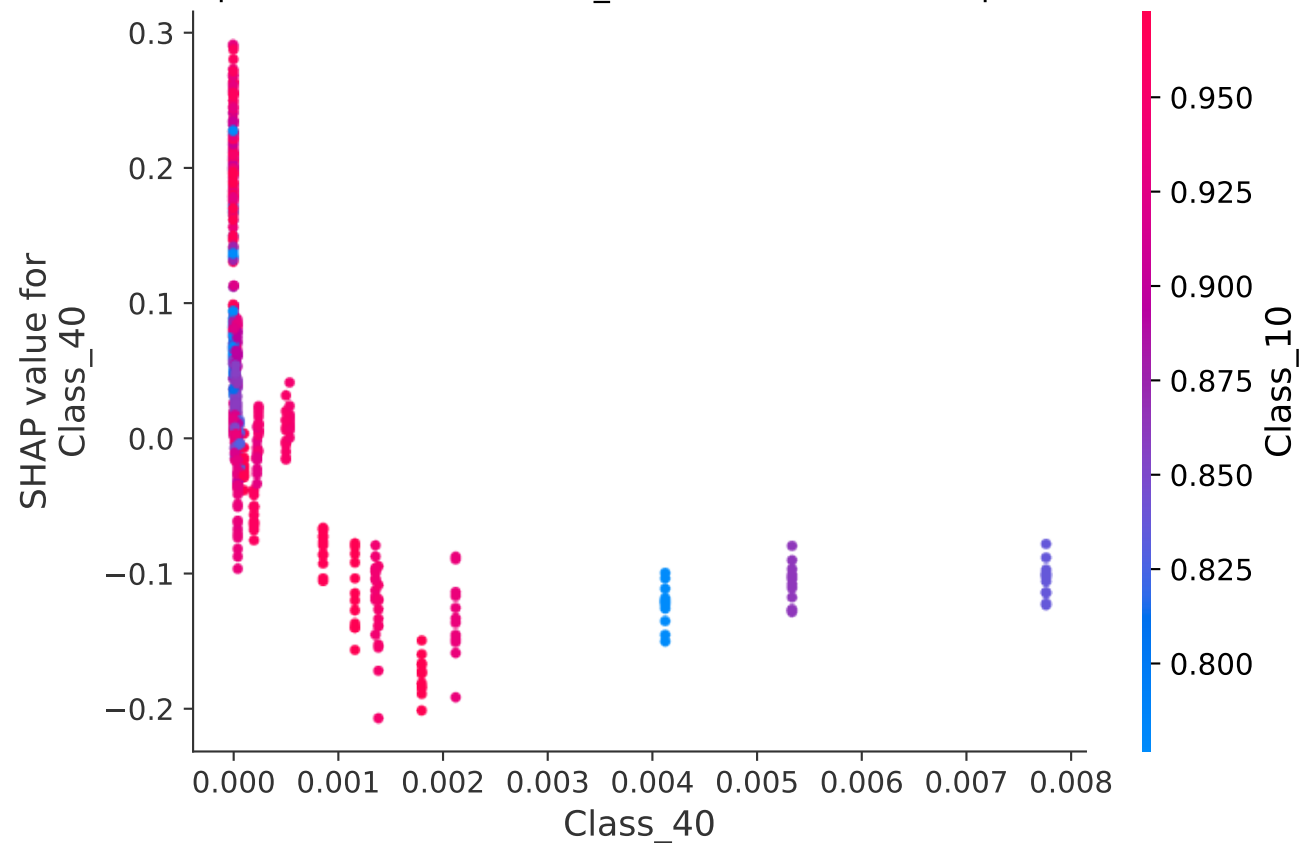
SHAP Dependence Plot for DMI_lag1, Class 0 - Maluku-Papua (Test Set)



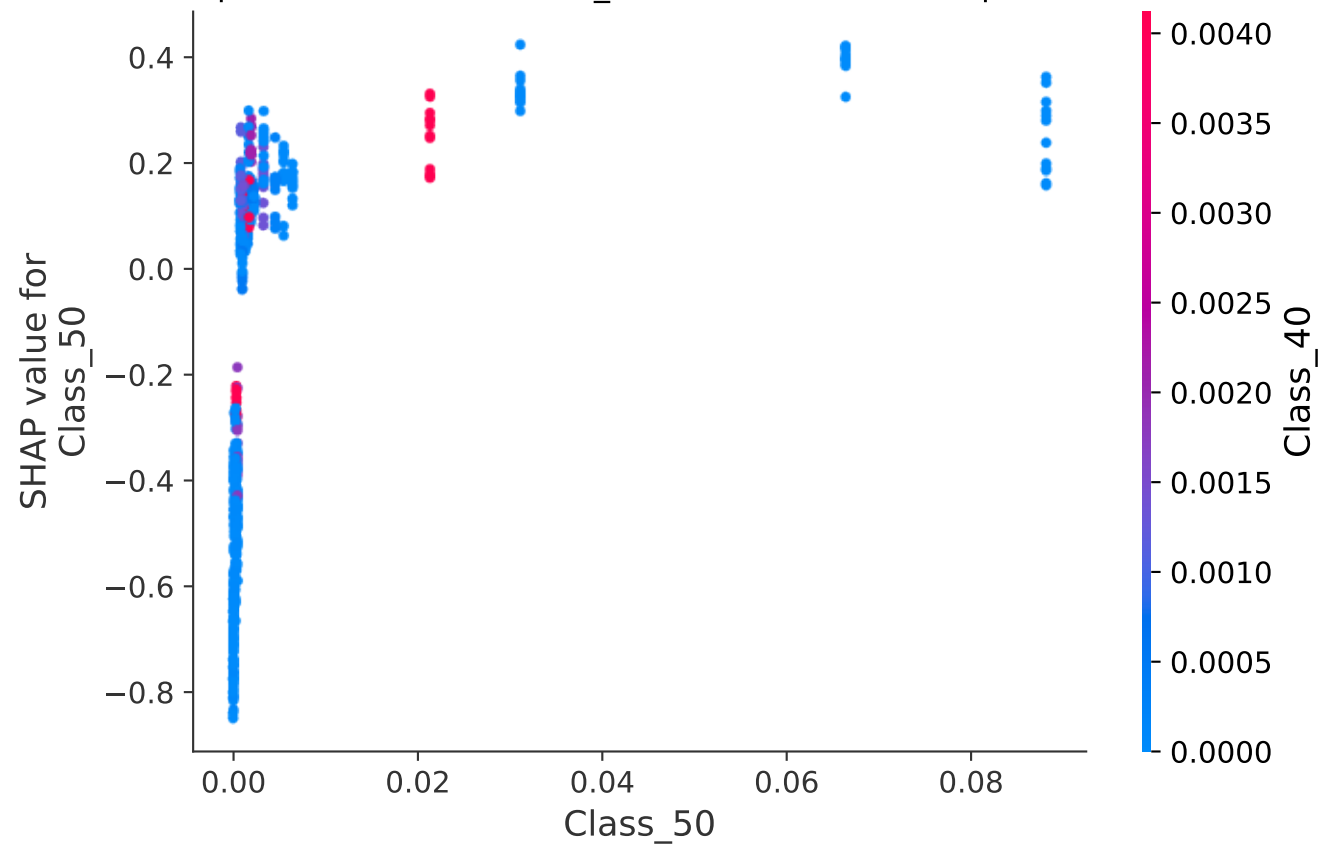
SHAP Dependence Plot for ANOM1+2_lag1, Class 0 - Maluku-Papua (Test Set)



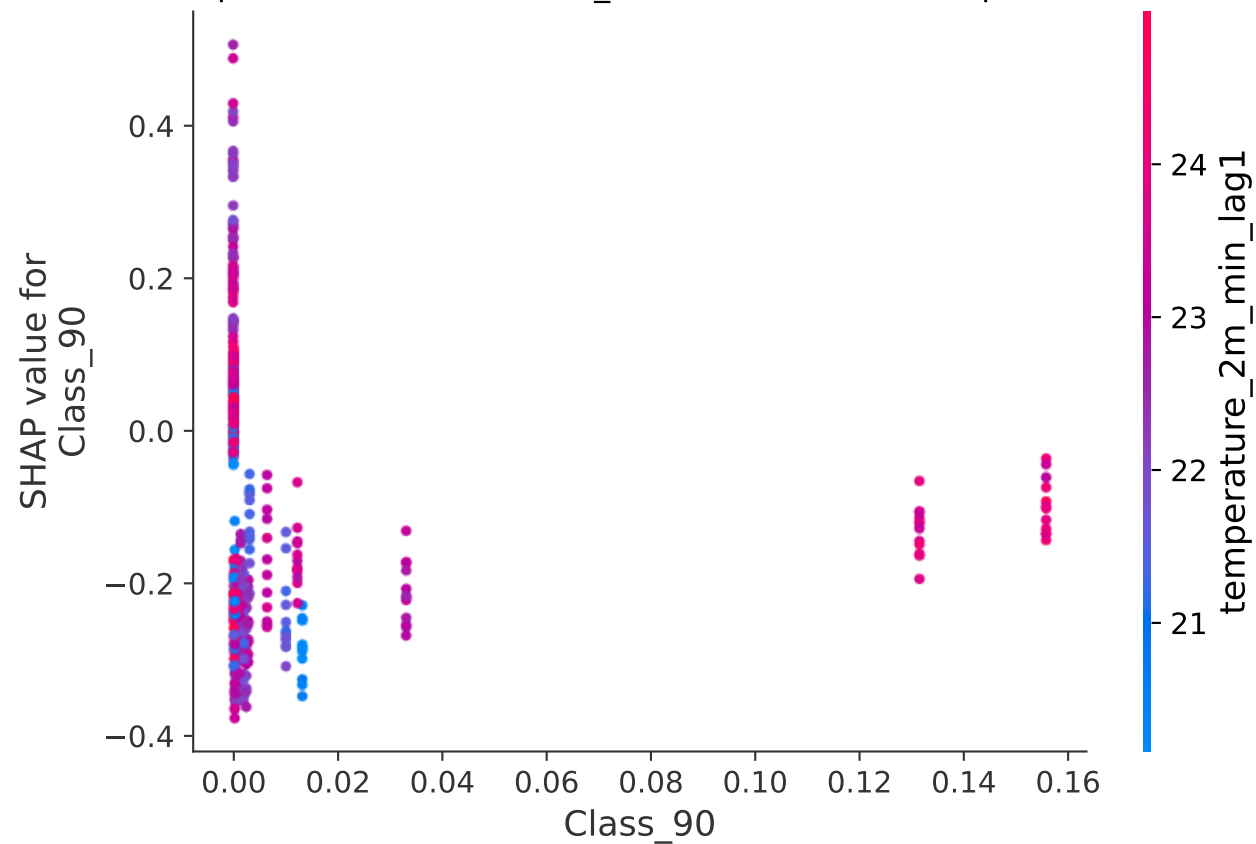
SHAP Dependence Plot for Class_40, Class 0 - Maluku-Papua (Test Set)



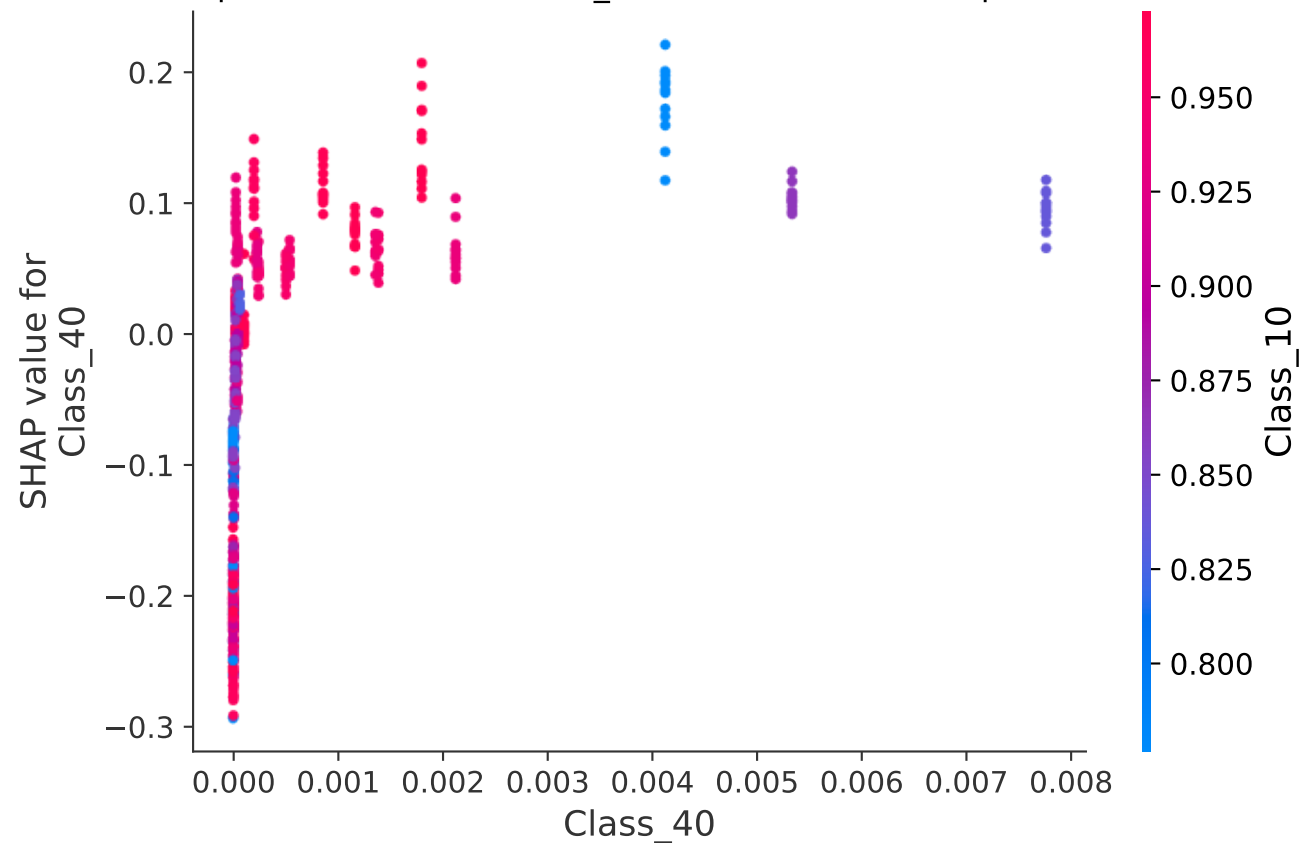
SHAP Dependence Plot for Class_50, Class 1 - Maluku-Papua (Test Set)



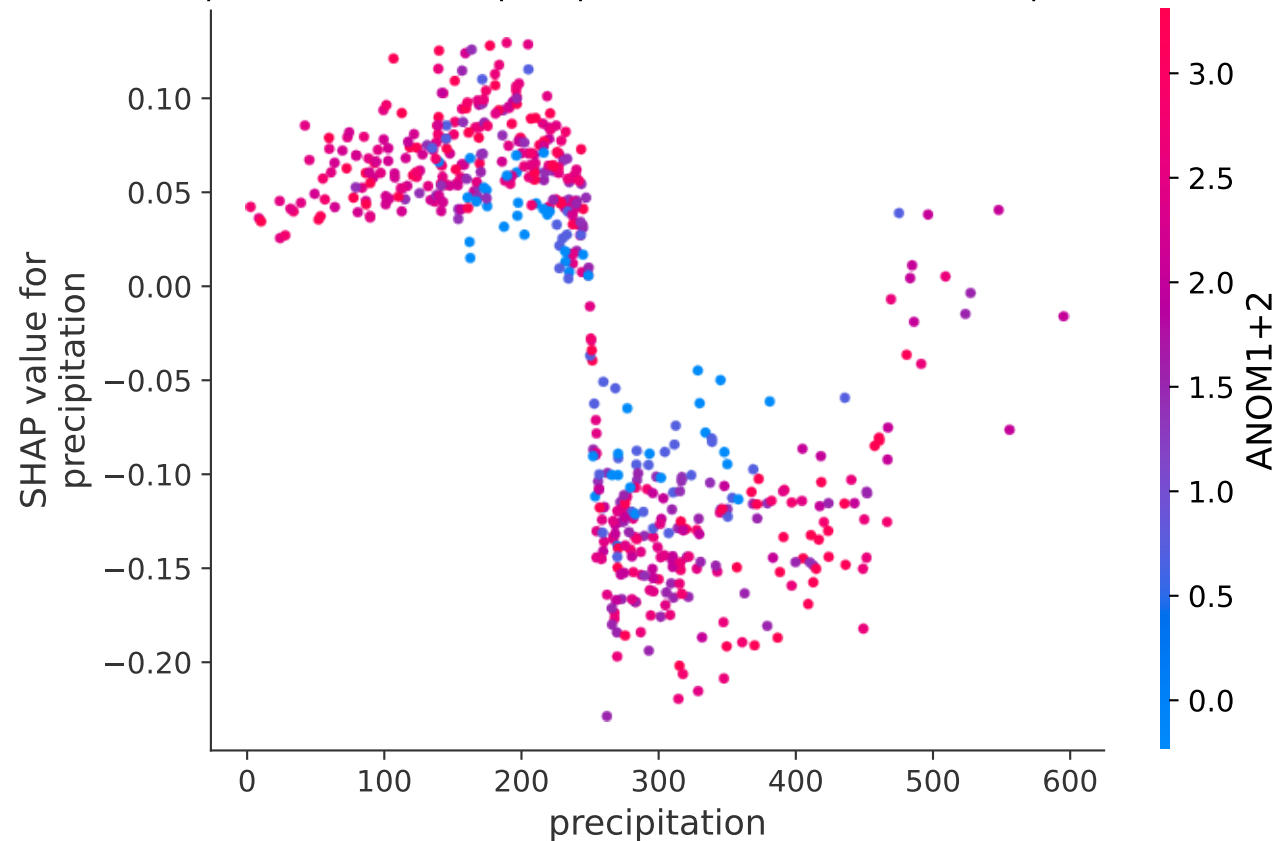
SHAP Dependence Plot for Class_90, Class 1 - Maluku-Papua (Test Set)



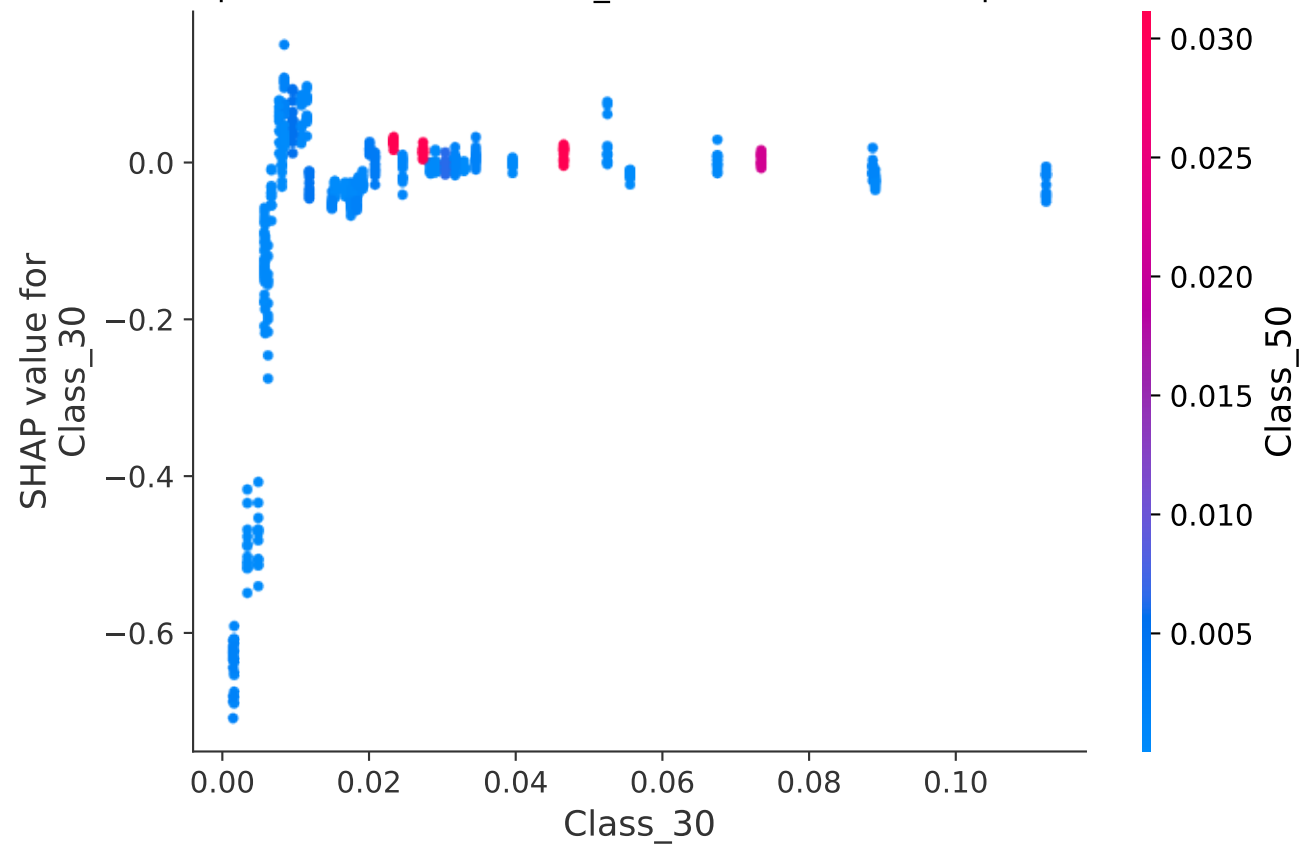
SHAP Dependence Plot for Class_40, Class 1 - Maluku-Papua (Test Set)



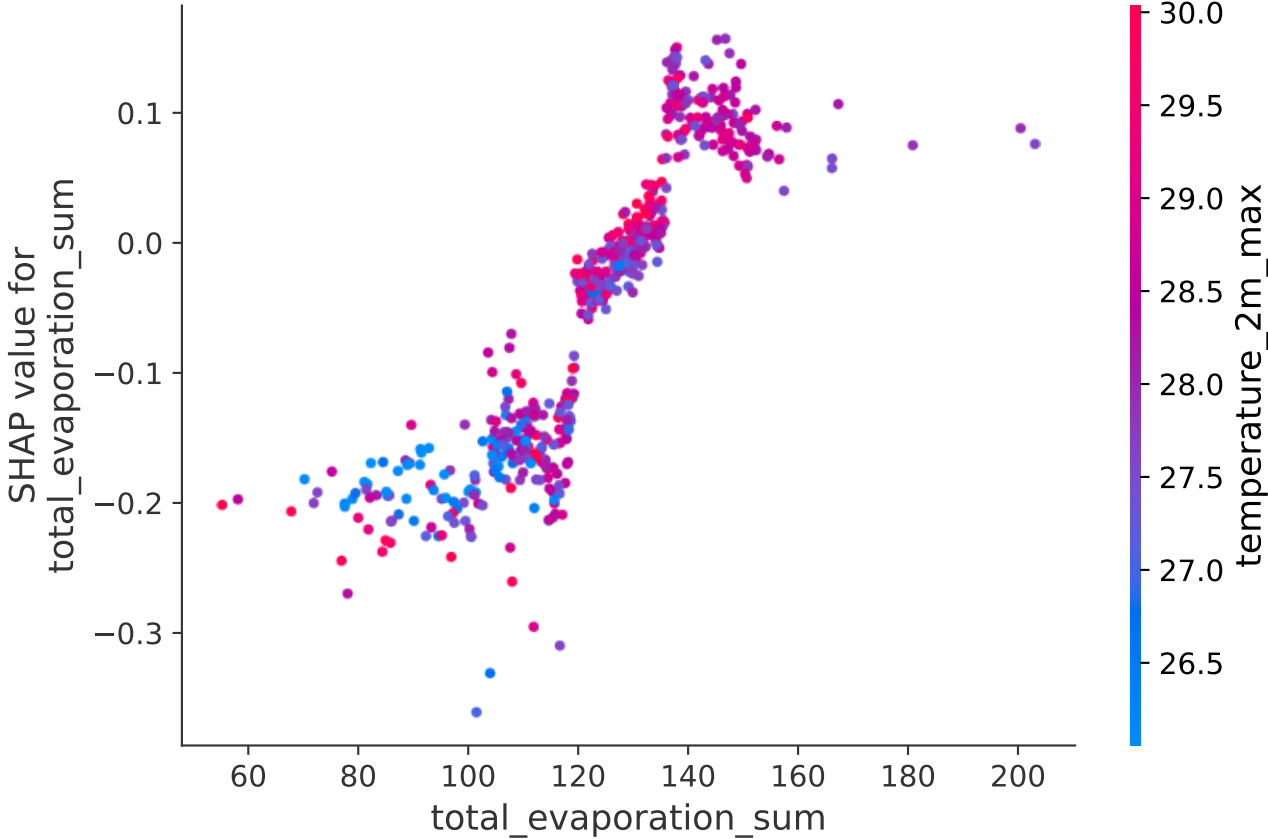
SHAP Dependence Plot for precipitation, Class 1 - Maluku-Papua (Test Set)



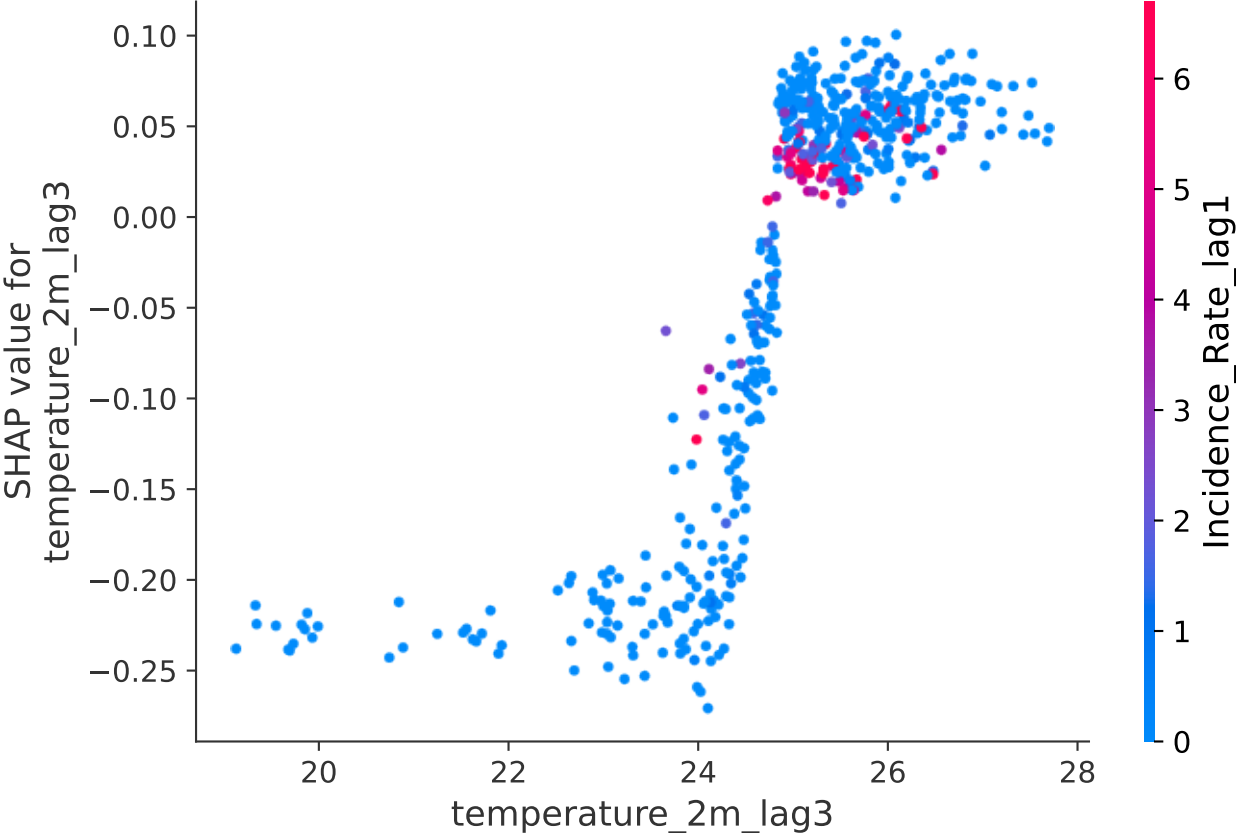
SHAP Dependence Plot for Class_30, Class 1 - Maluku-Papua (Test Set)



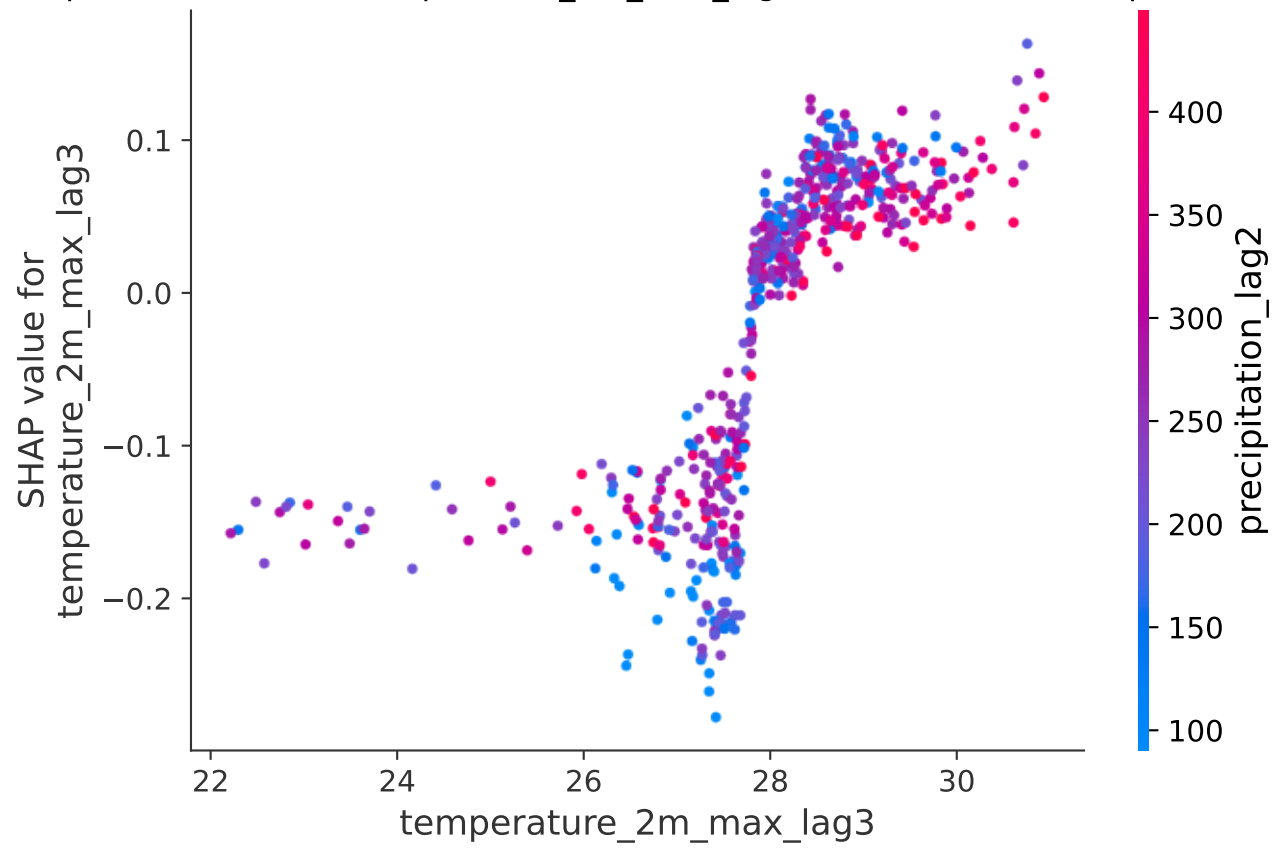
SHAP Dependence Plot for total_evaporation_sum, Class 2 - Maluku-Papua (Test Set)



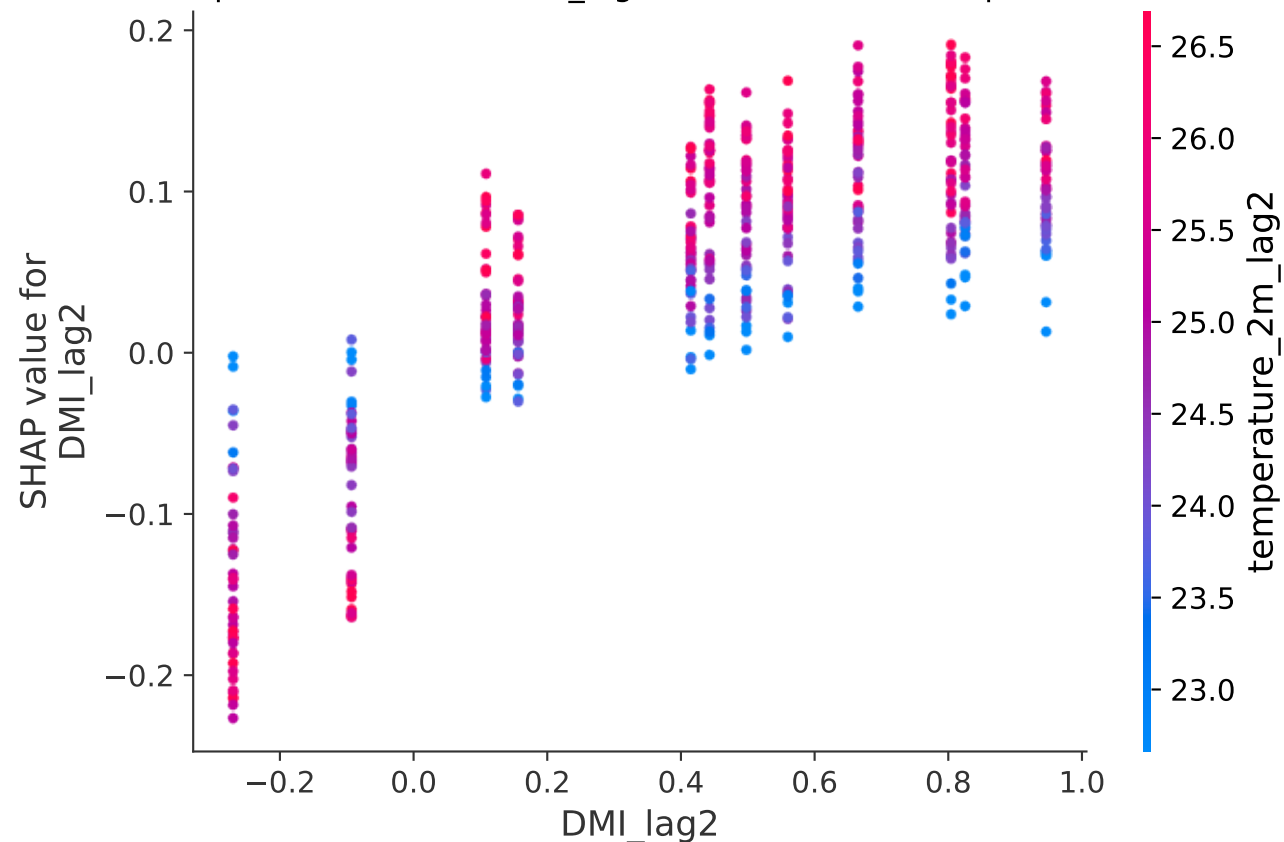
SHAP Dependence Plot for temperature_2m_lag3, Class 2 - Maluku-Papua (Test Set)



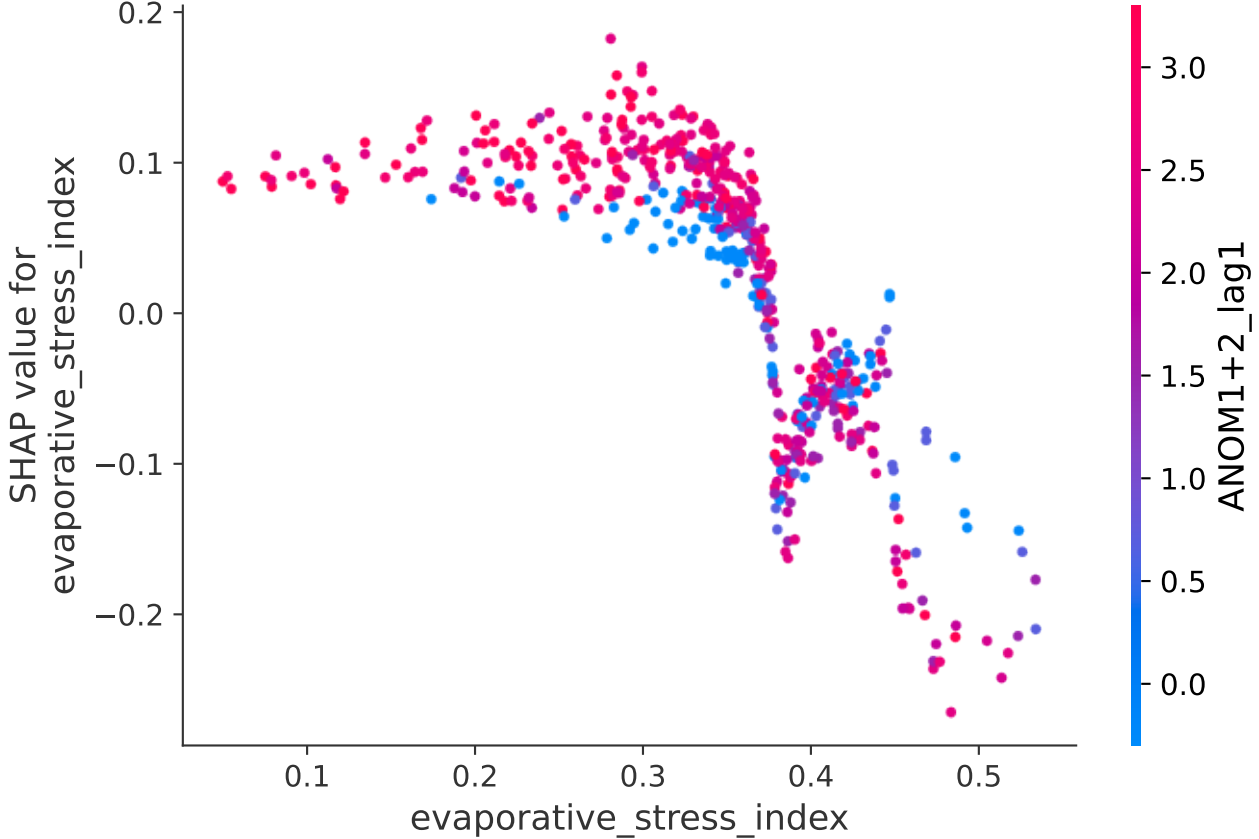
SHAP Dependence Plot for temperature_2m_max_lag3, Class 2 - Maluku-Papua (Test Set)



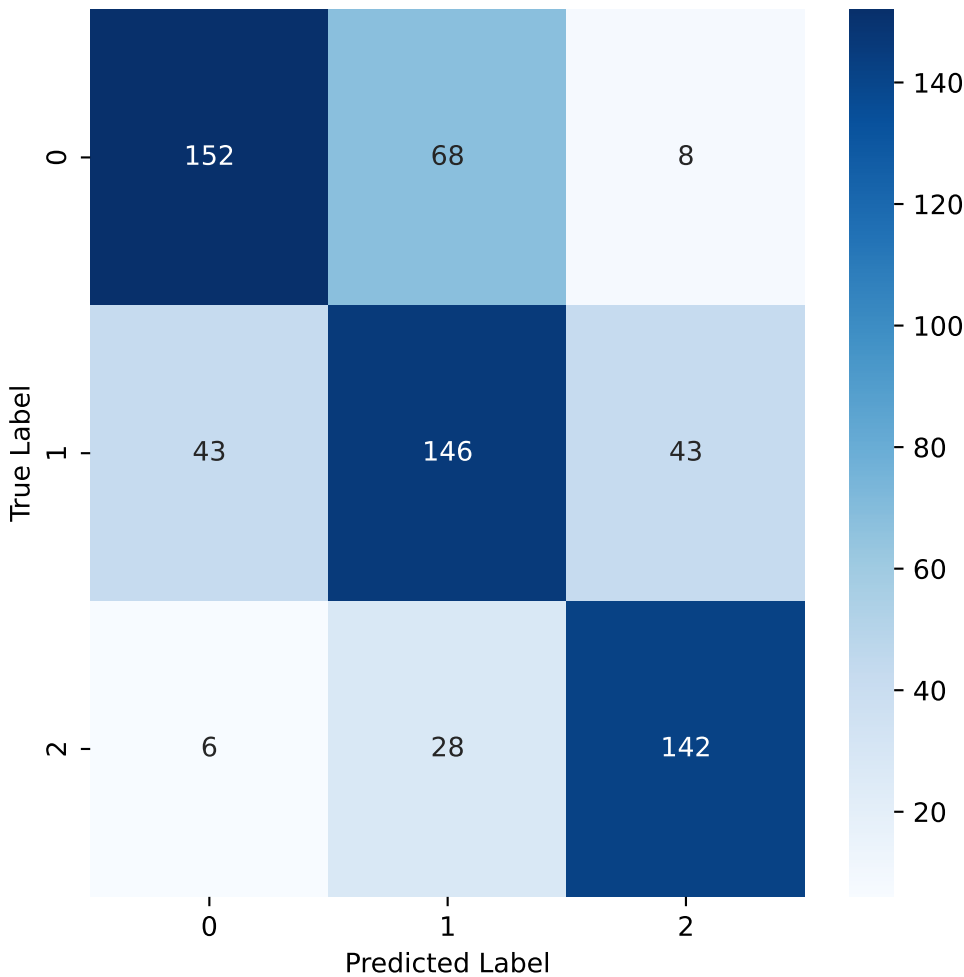
SHAP Dependence Plot for DMI_lag2, Class 2 - Maluku-Papua (Test Set)



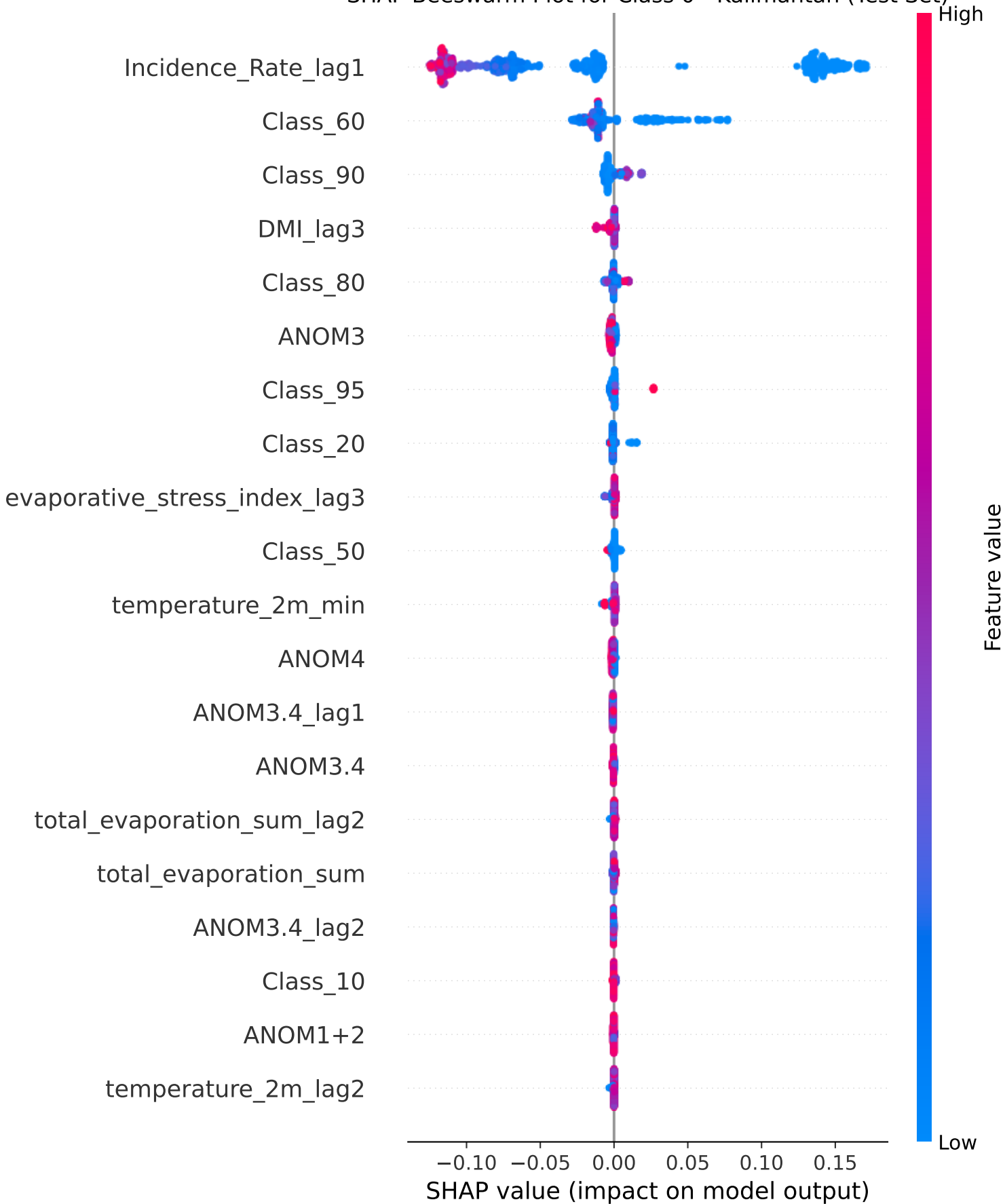
SHAP Dependence Plot for evaporative_stress_index, Class 2 - Maluku-Papua (Test Set)



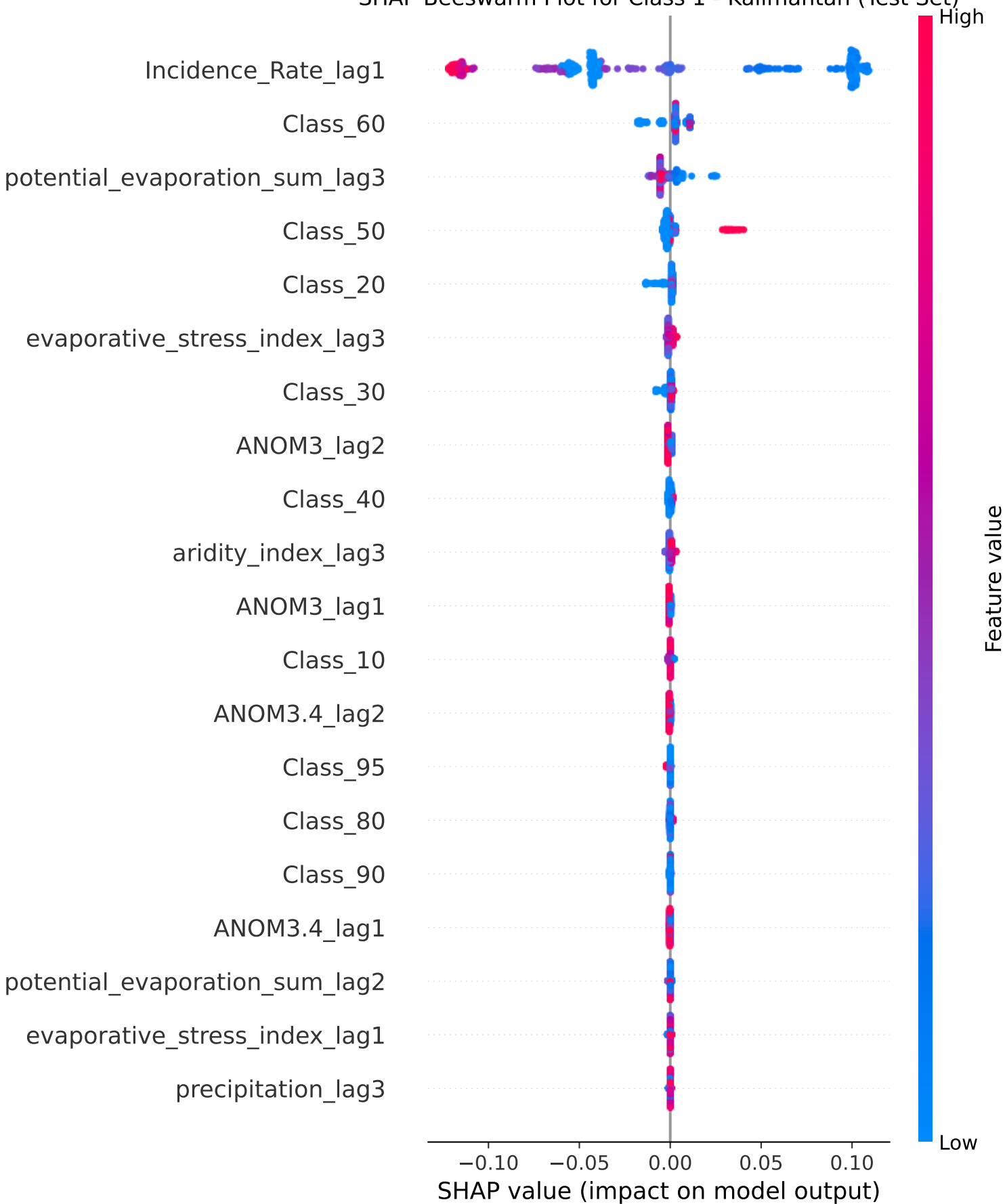
Confusion Matrix - Kalimantan (Test Set)



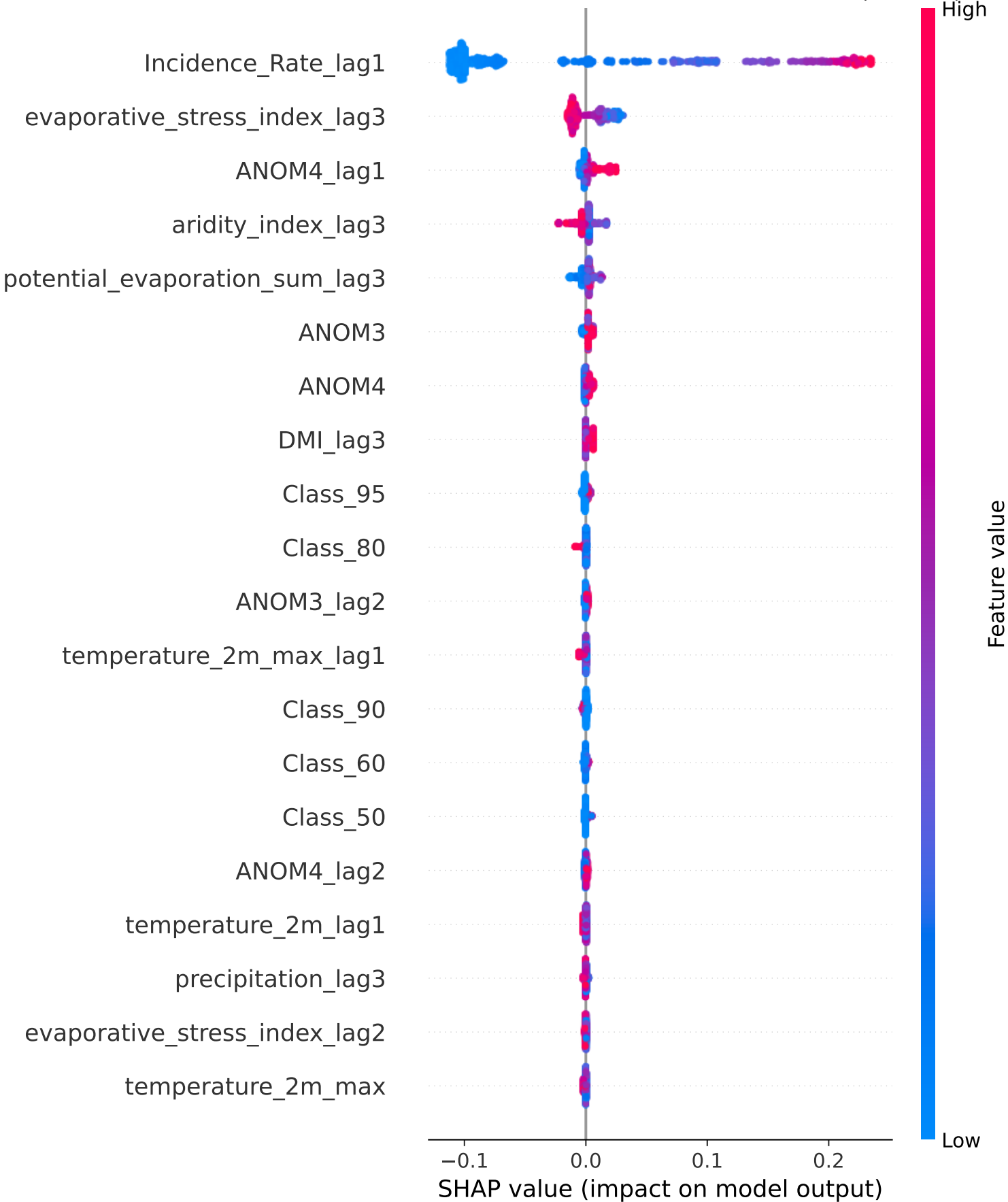
SHAP Beeswarm Plot for Class 0 - Kalimantan (Test Set)



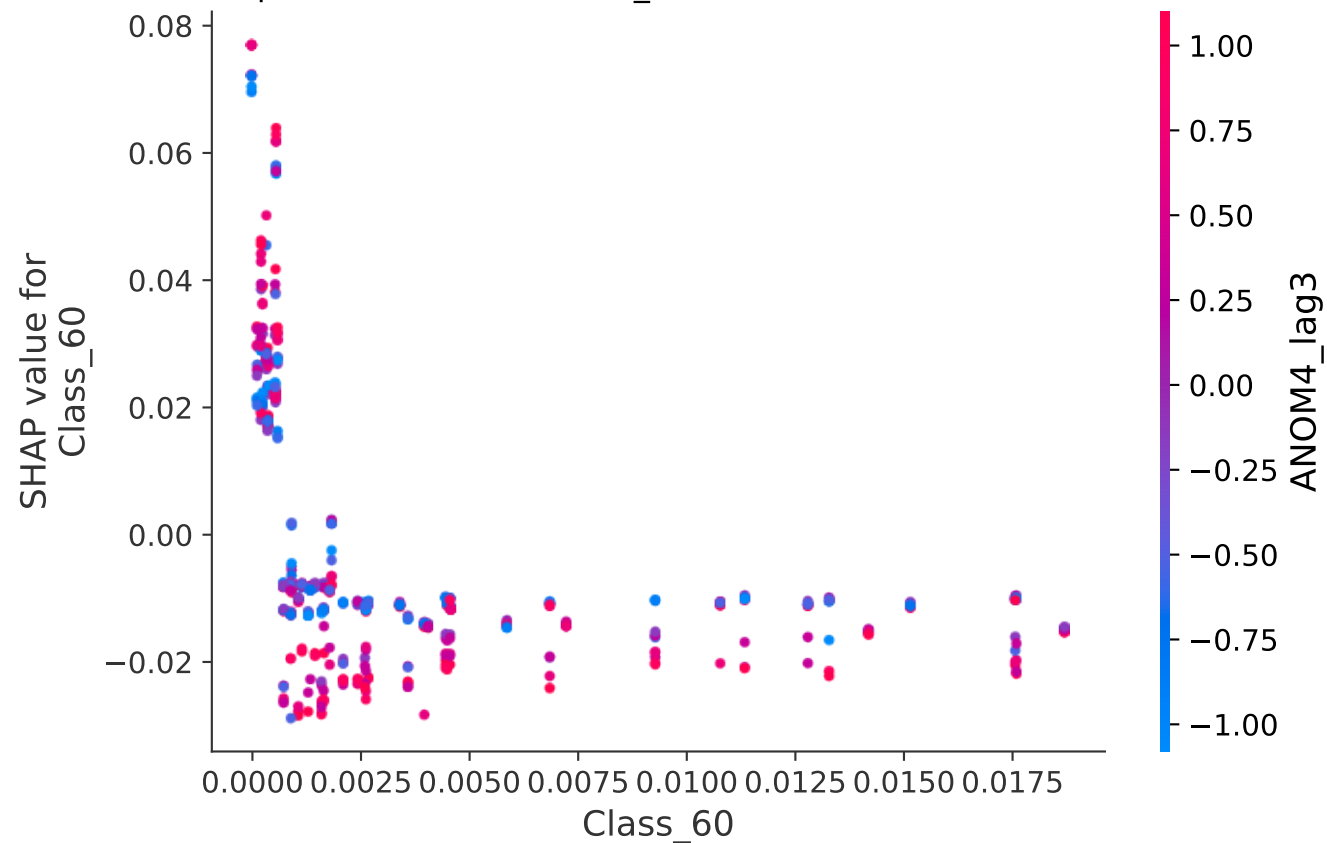
SHAP Beeswarm Plot for Class 1 - Kalimantan (Test Set)



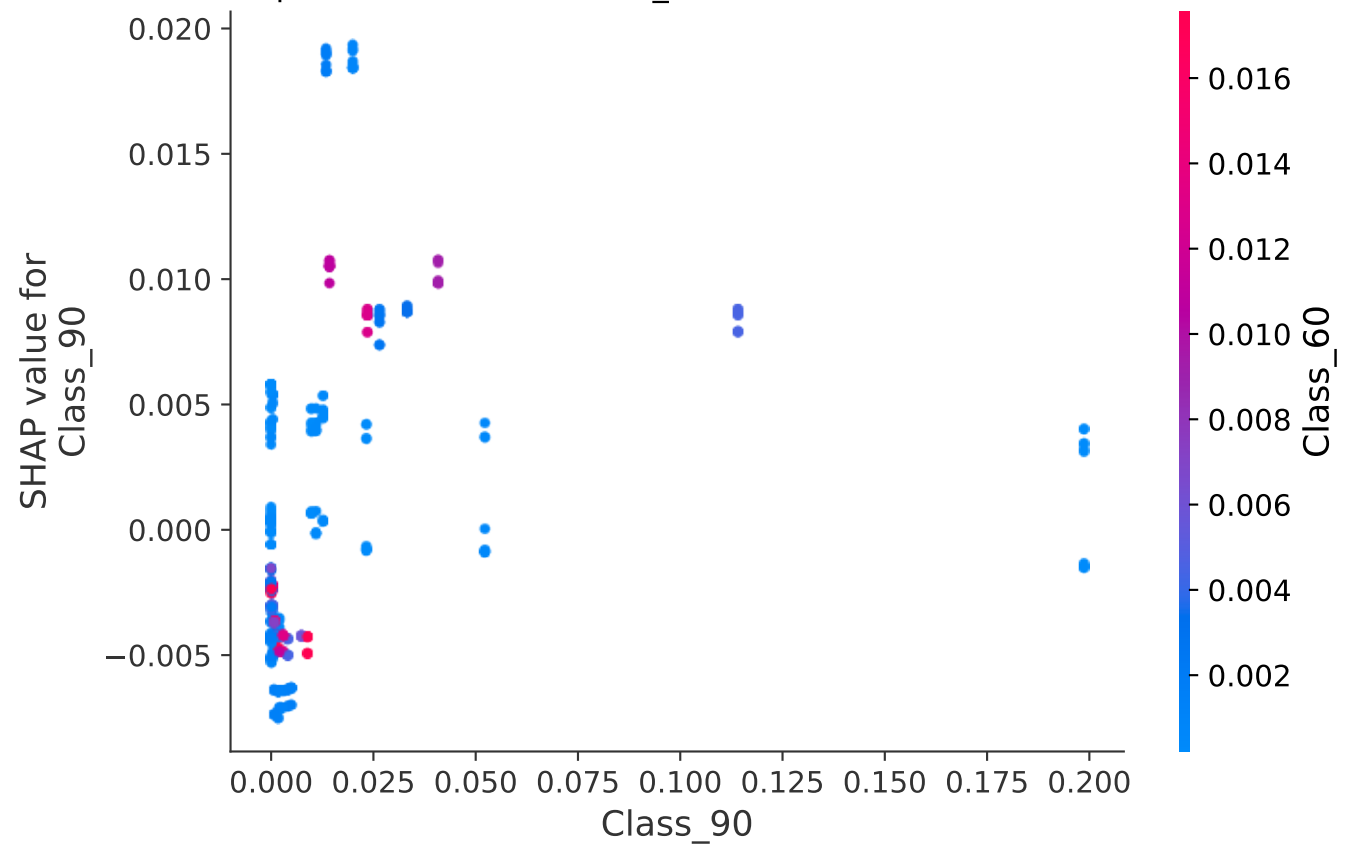
SHAP Beeswarm Plot for Class 2 - Kalimantan (Test Set)



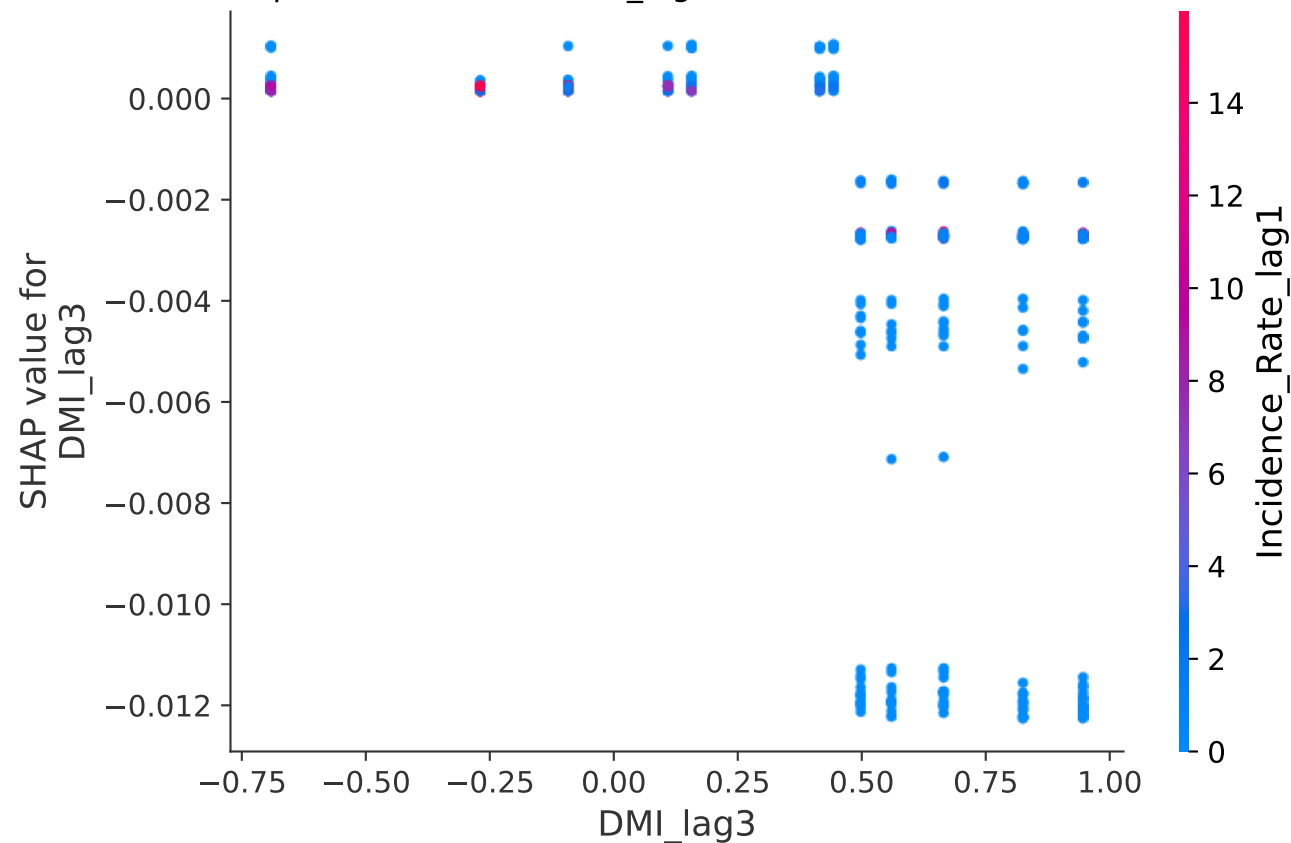
SHAP Dependence Plot for Class_60, Class 0 - Kalimantan (Test Set)



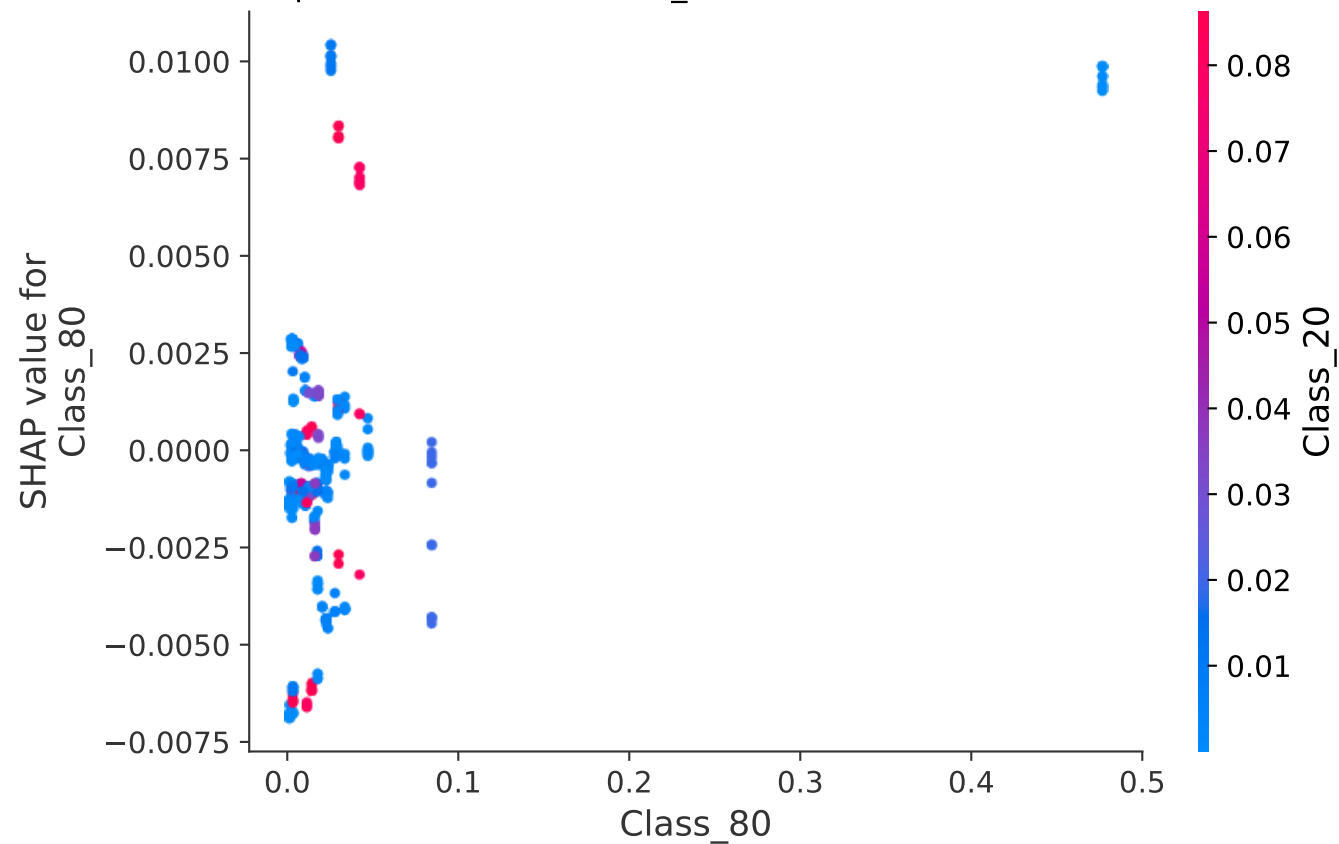
SHAP Dependence Plot for Class_90, Class 0 - Kalimantan (Test Set)



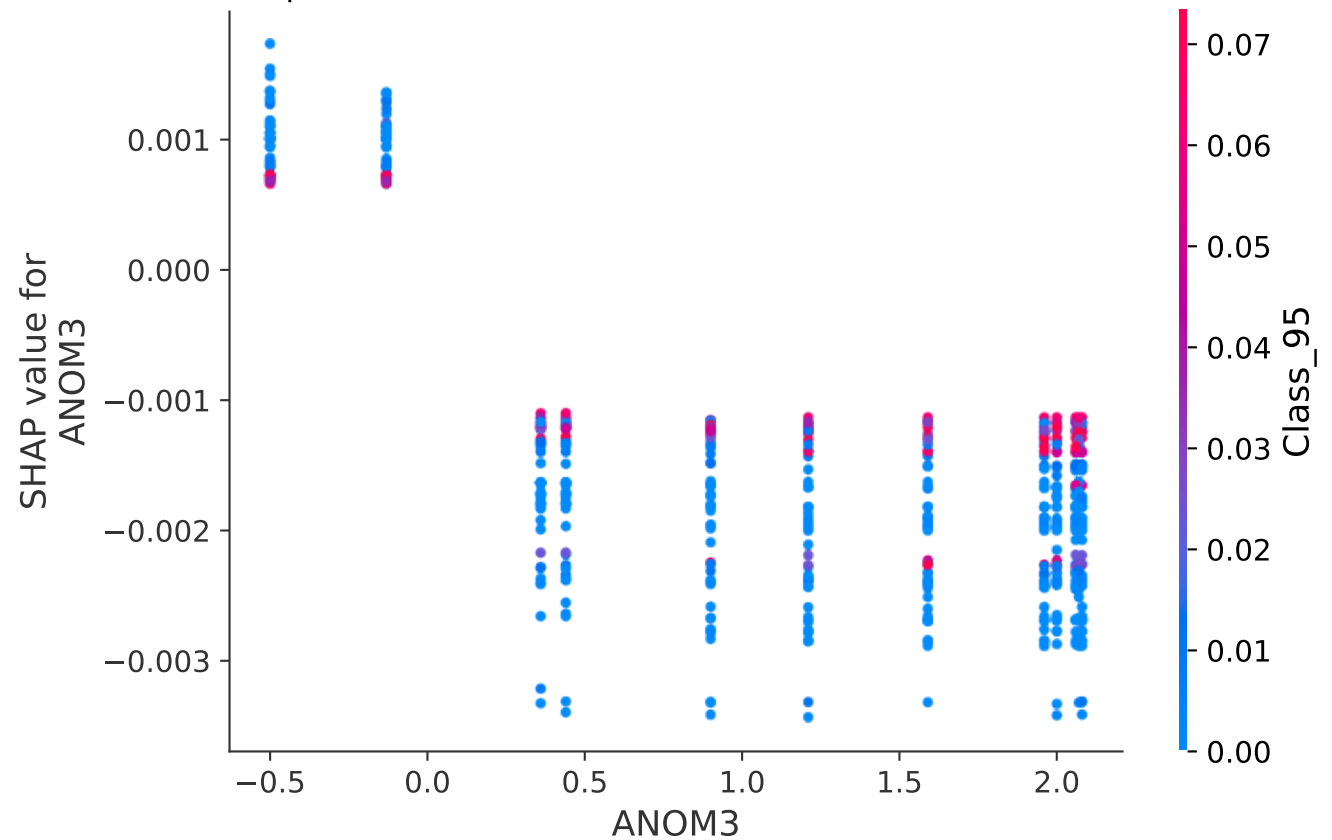
SHAP Dependence Plot for DMI_lag3, Class 0 - Kalimantan (Test Set)



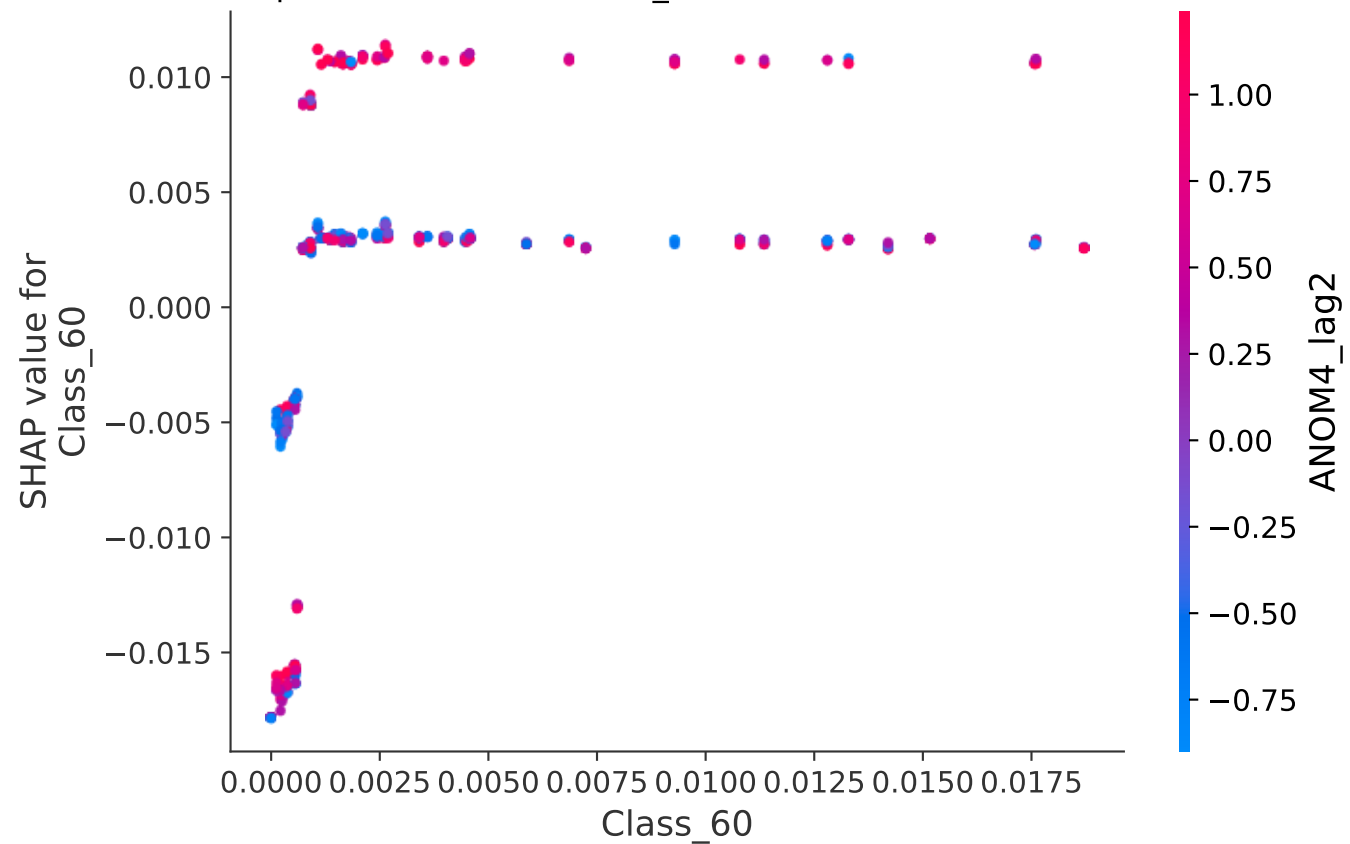
SHAP Dependence Plot for Class_80, Class 0 - Kalimantan (Test Set)



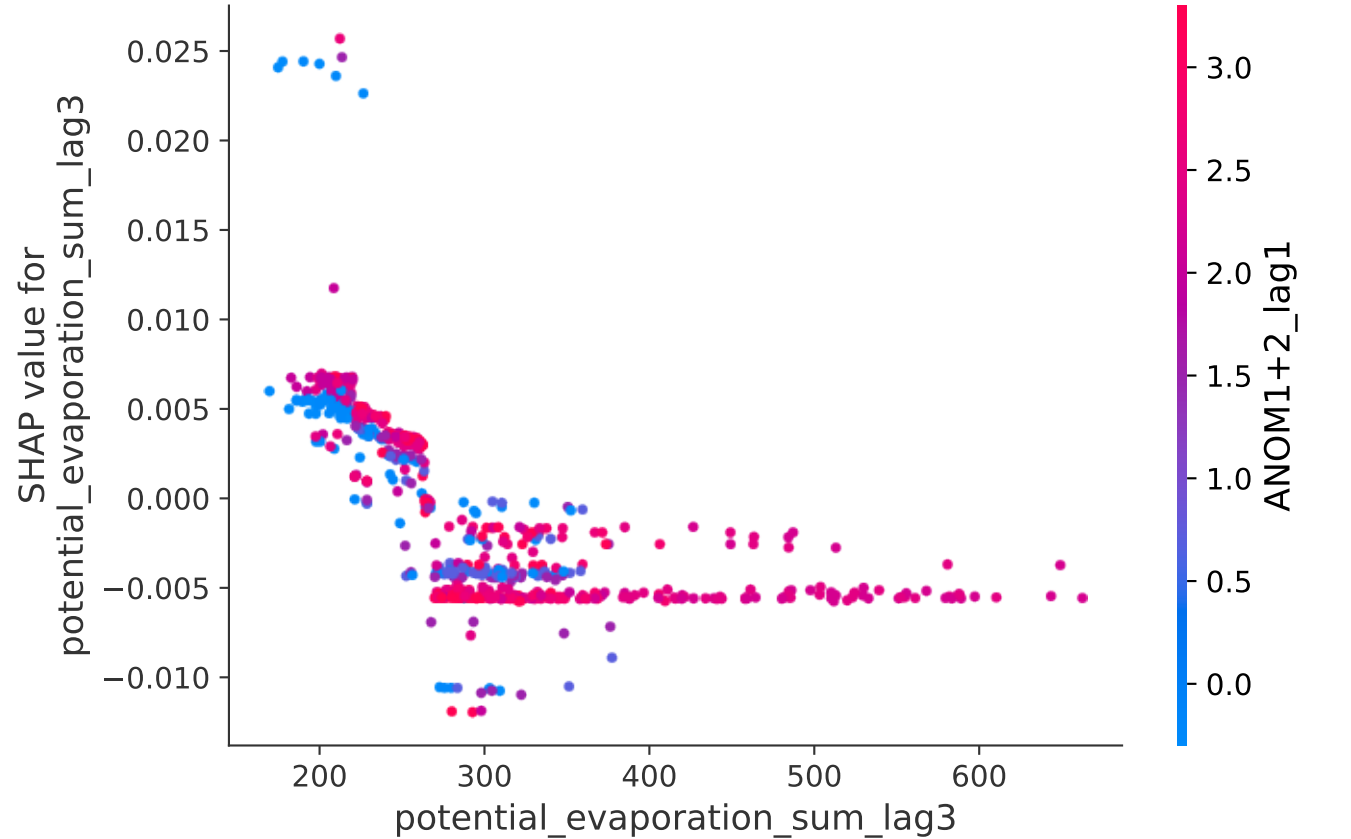
SHAP Dependence Plot for ANOM3, Class 0 - Kalimantan (Test Set)



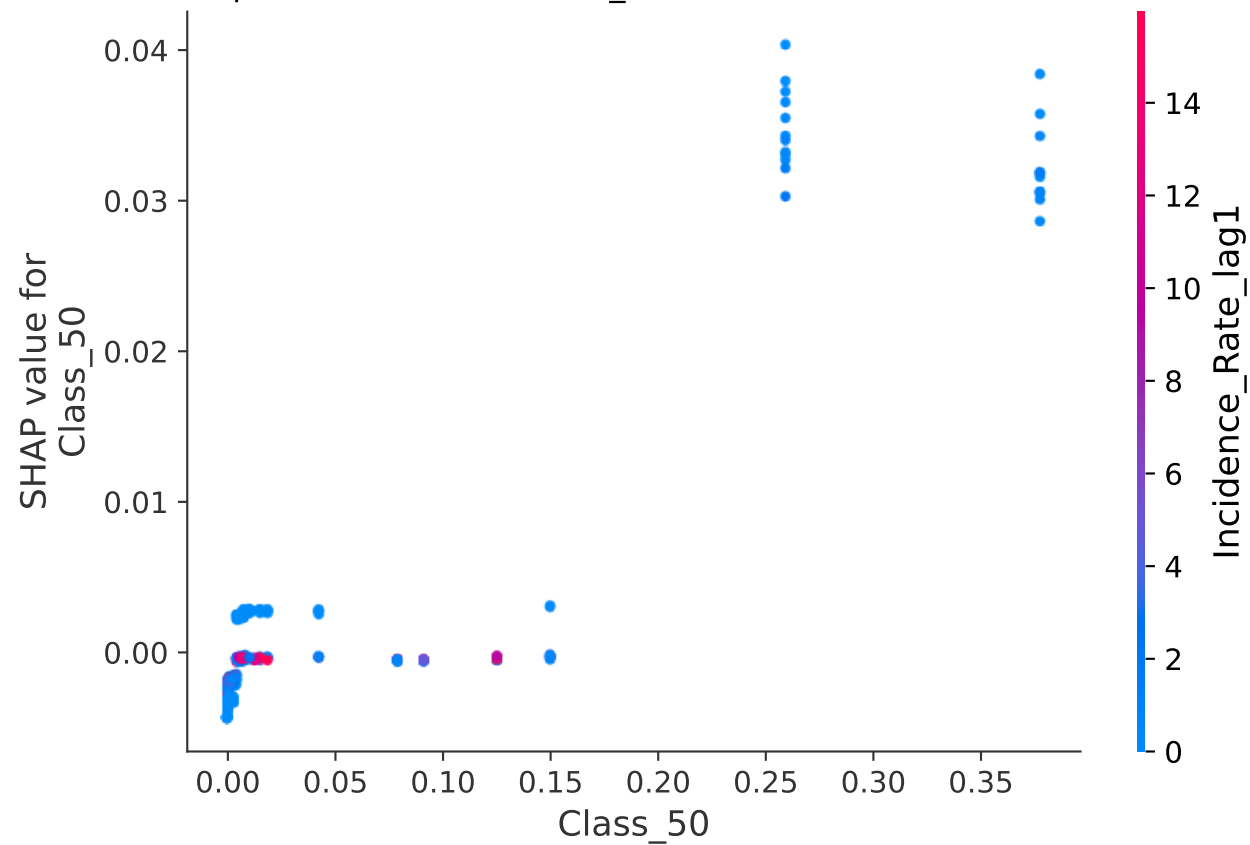
SHAP Dependence Plot for Class_60, Class 1 - Kalimantan (Test Set)



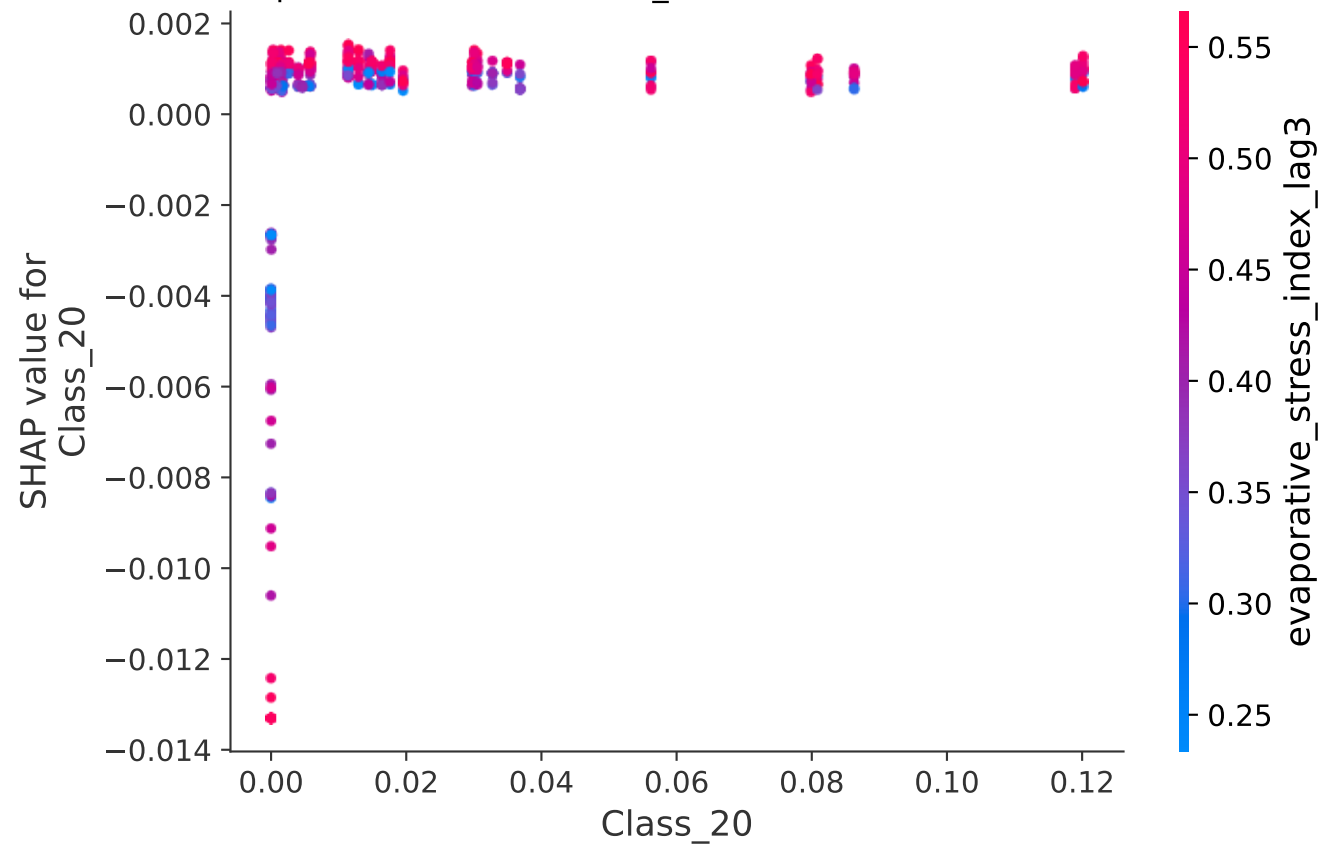
SHAP Dependence Plot for potential_evaporation_sum_lag3, Class 1 - Kalimantan (Test Set)



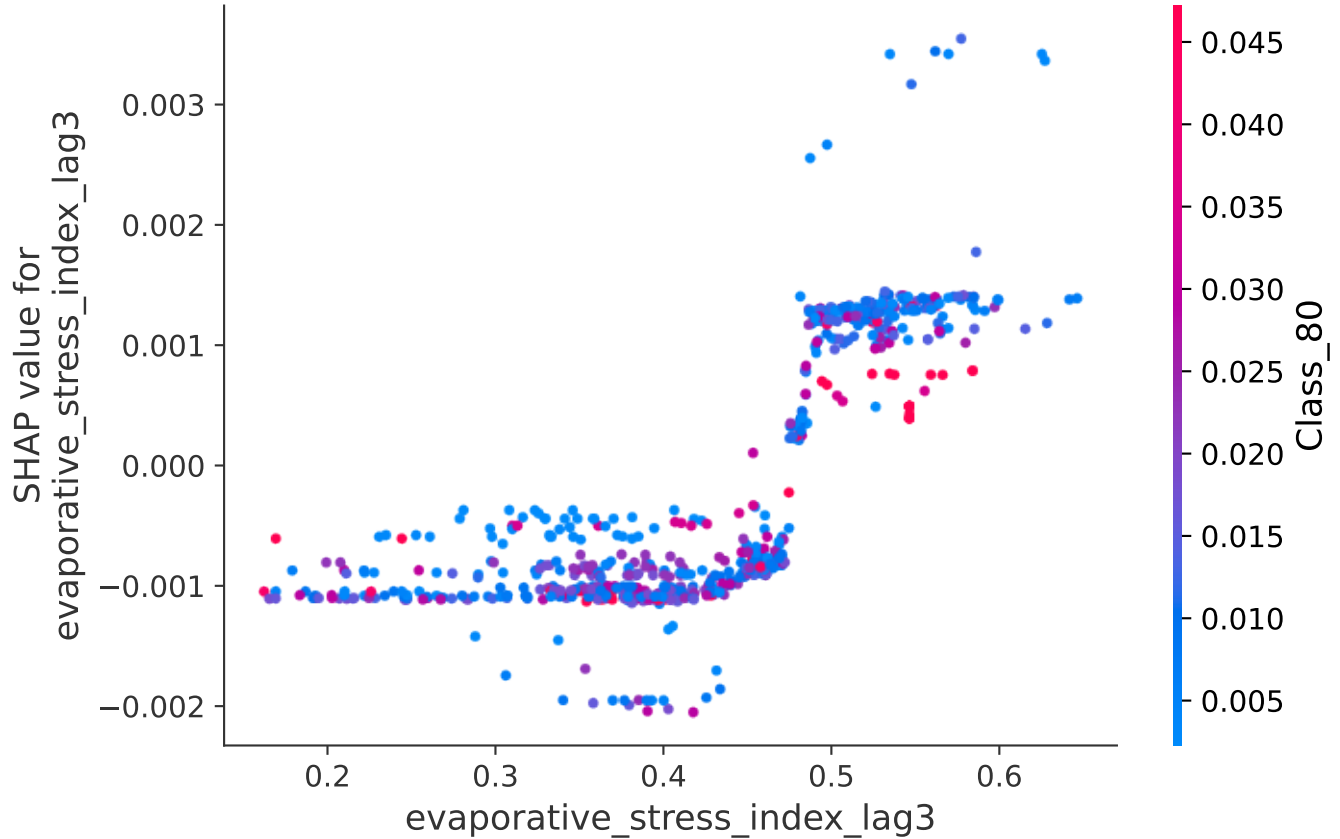
SHAP Dependence Plot for Class_50, Class 1 - Kalimantan (Test Set)



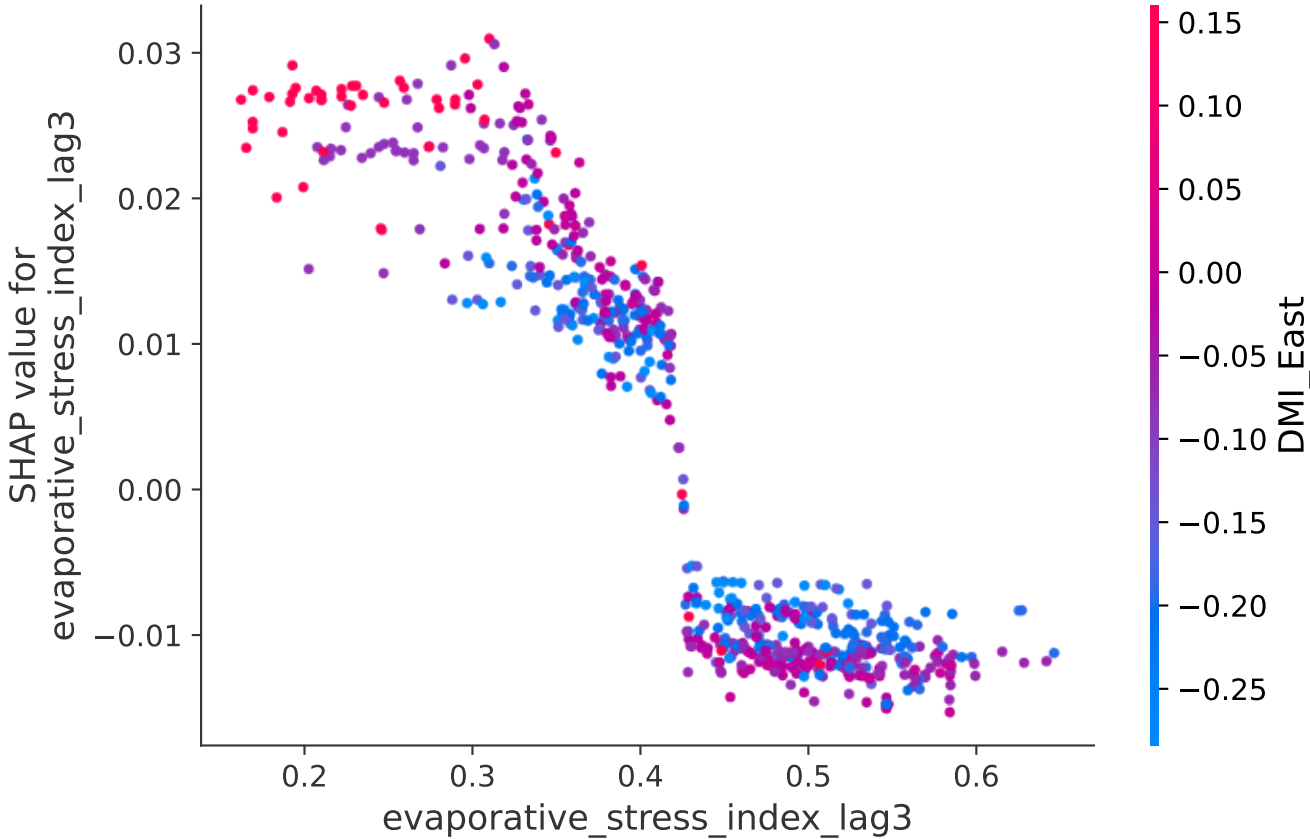
SHAP Dependence Plot for Class_20, Class 1 - Kalimantan (Test Set)



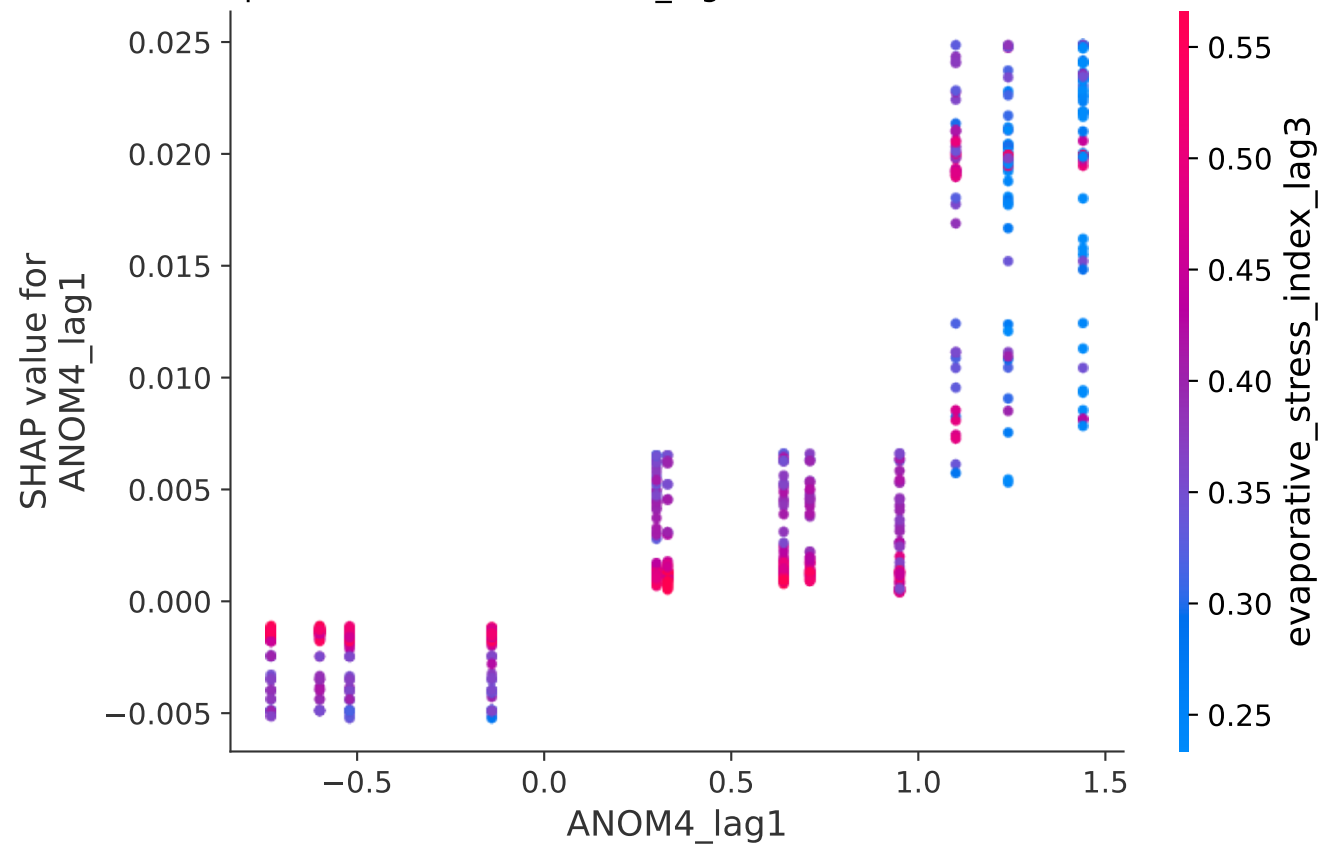
SHAP Dependence Plot for evaporative_stress_index_lag3, Class 1 - Kalimantan (Test Set)



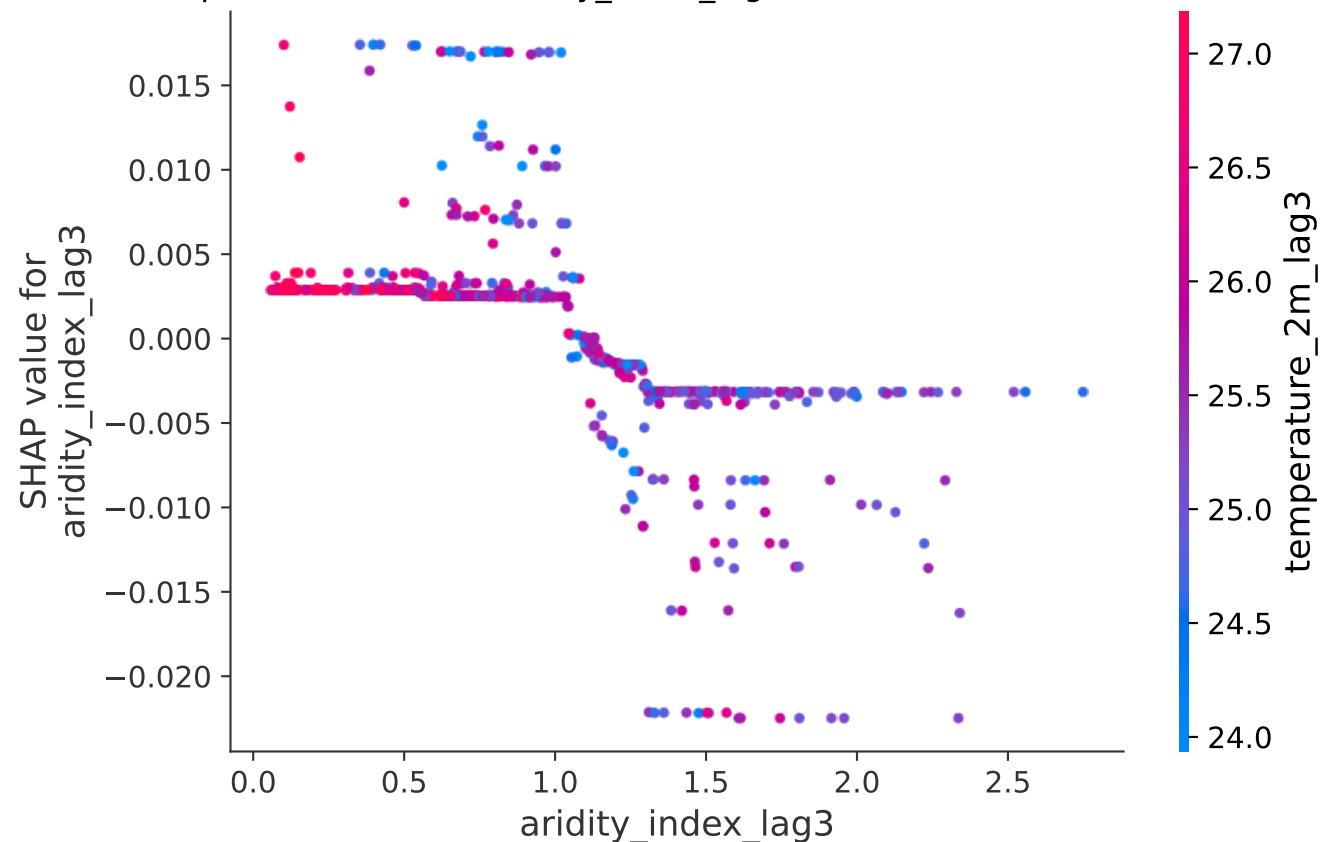
SHAP Dependence Plot for evaporative_stress_index_lag3, Class 2 - Kalimantan (Test Set)



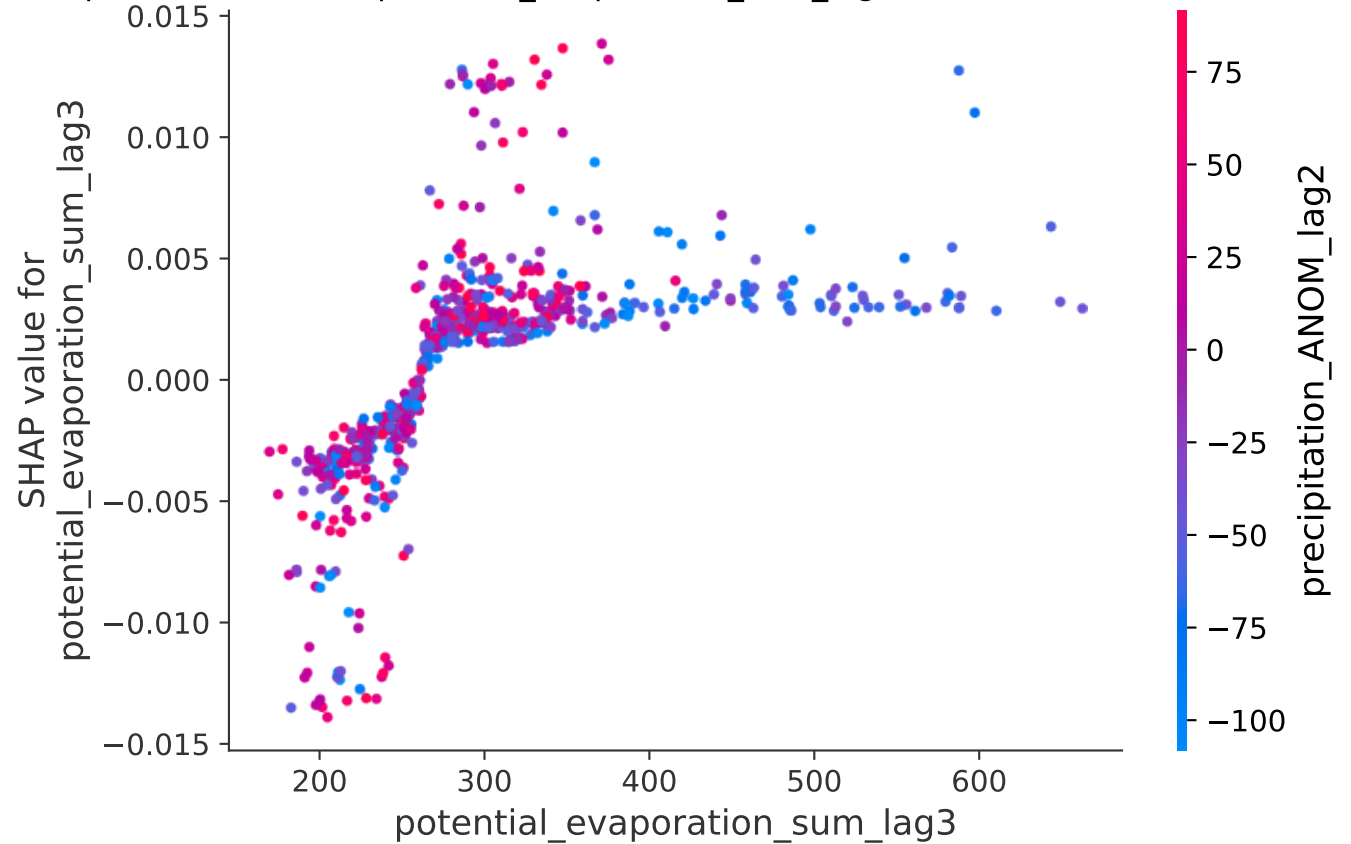
SHAP Dependence Plot for ANOM4_lag1, Class 2 - Kalimantan (Test Set)



SHAP Dependence Plot for aridity_index_lag3, Class 2 - Kalimantan (Test Set)



SHAP Dependence Plot for potential_evaporation_sum_lag3, Class 2 - Kalimantan (Test Set)



SHAP Dependence Plot for ANOM3, Class 2 - Kalimantan (Test Set)

