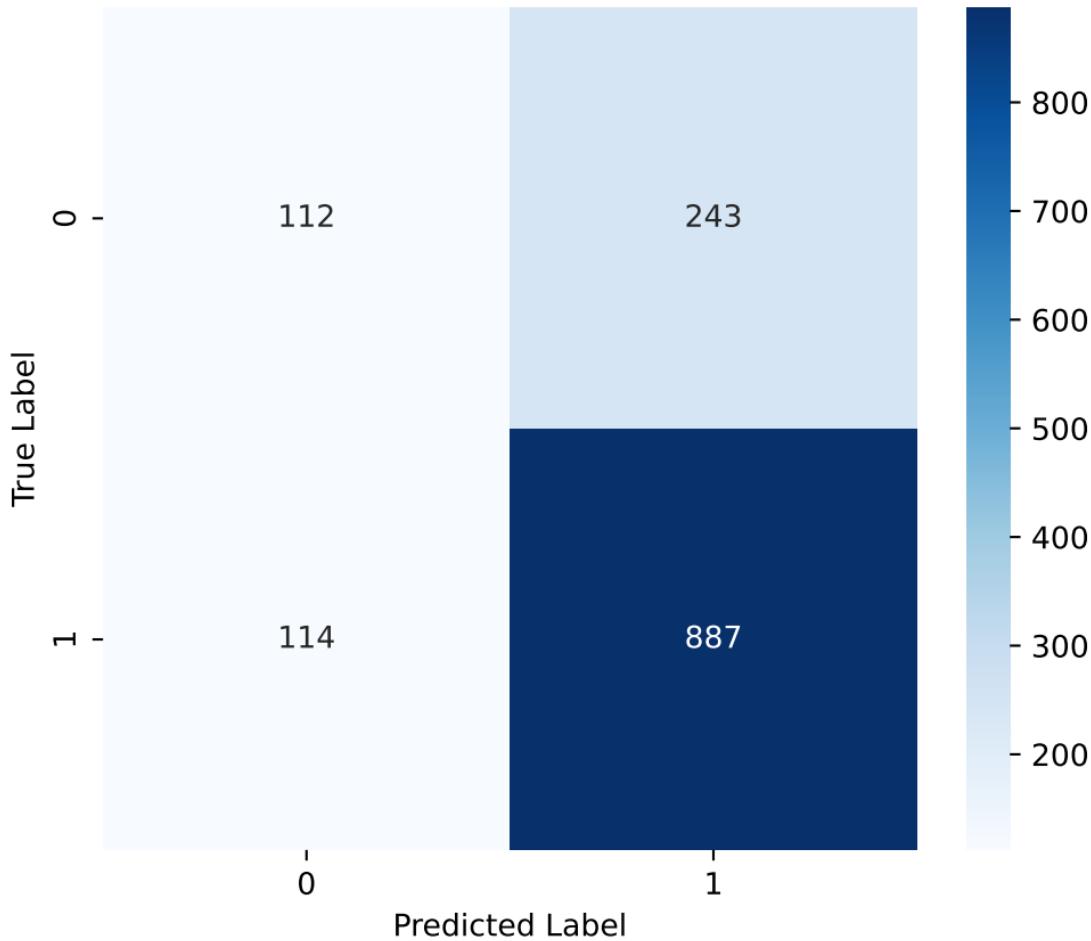
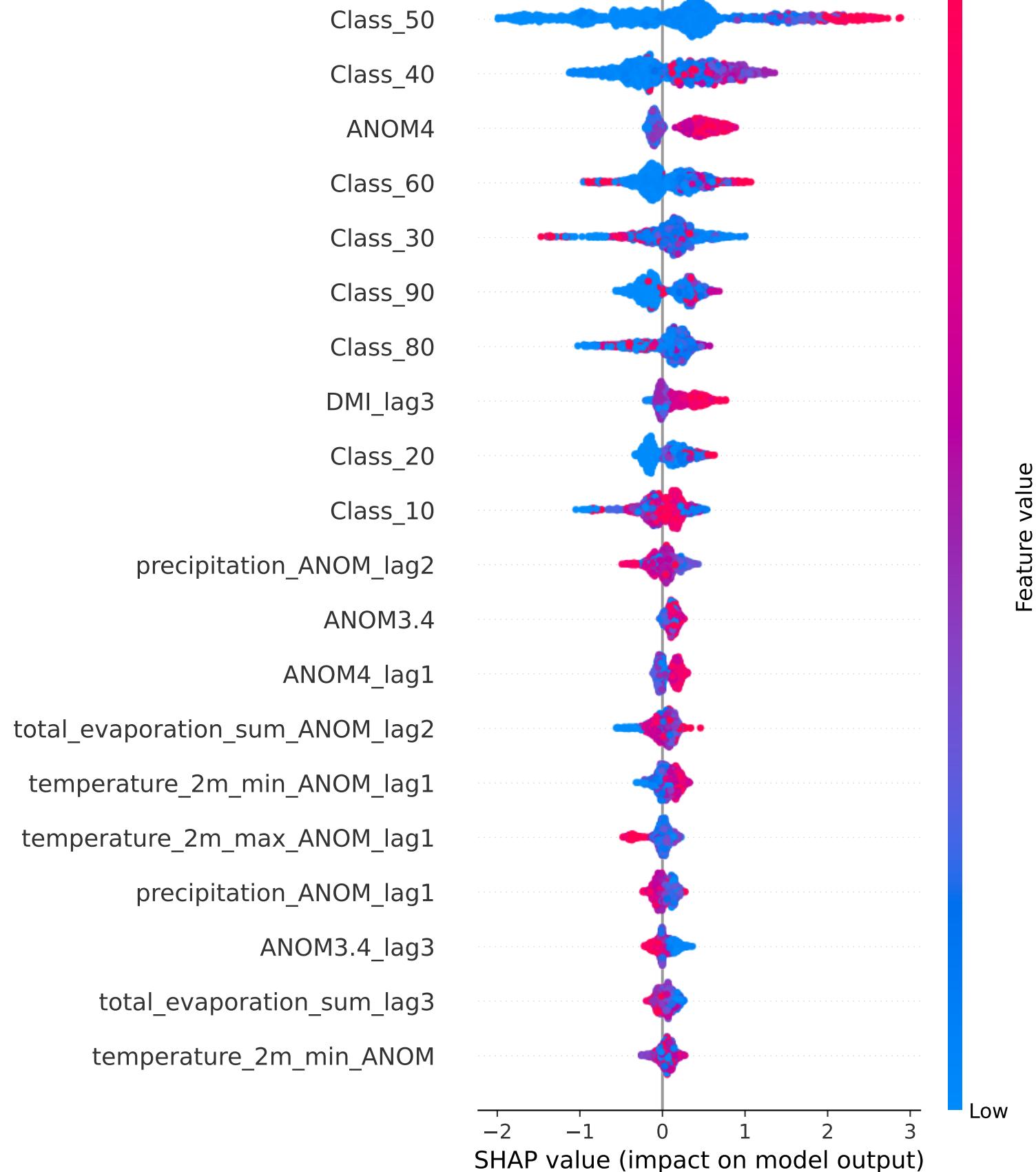


Confusion Matrix - Sumatra



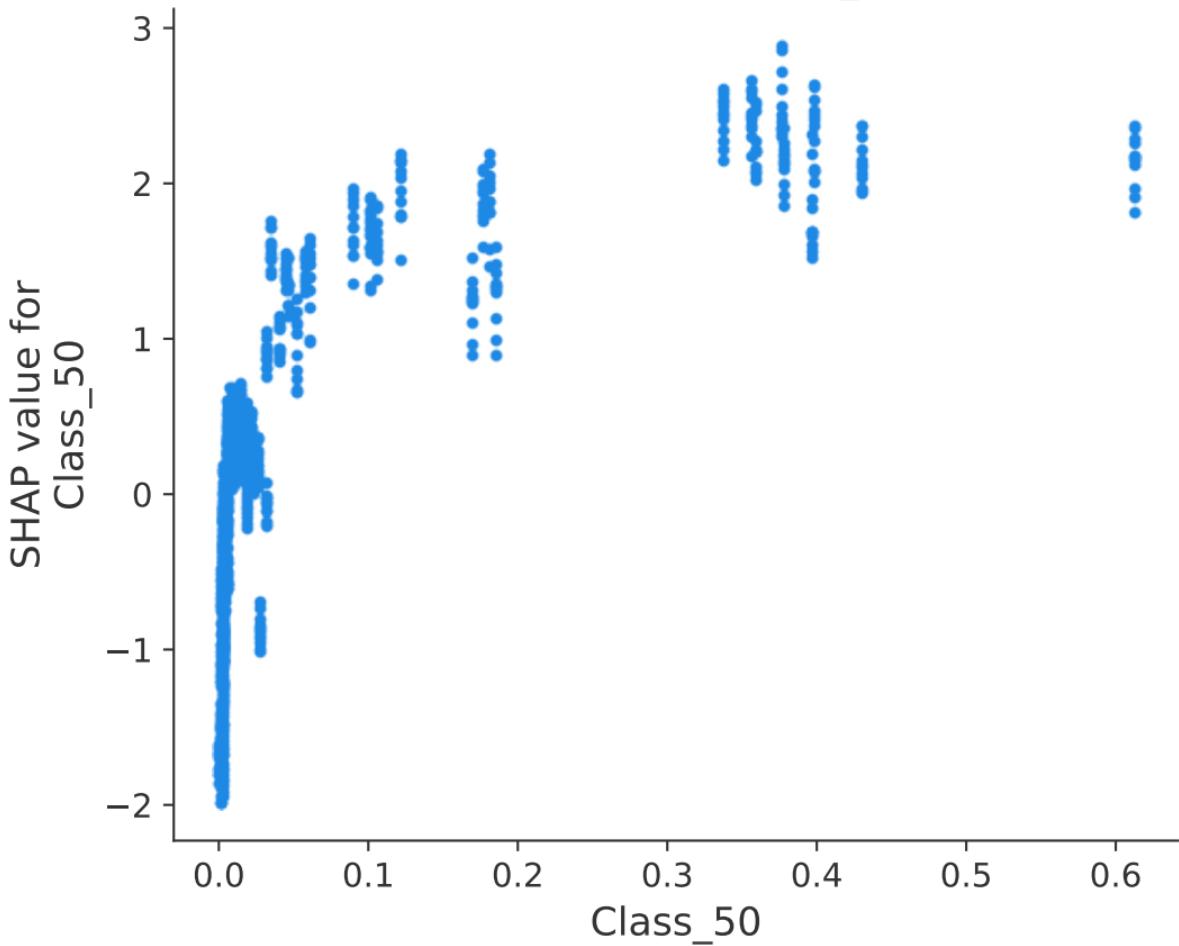
SHAP Beeswarm Plot for Class 0 - Sumatra

High

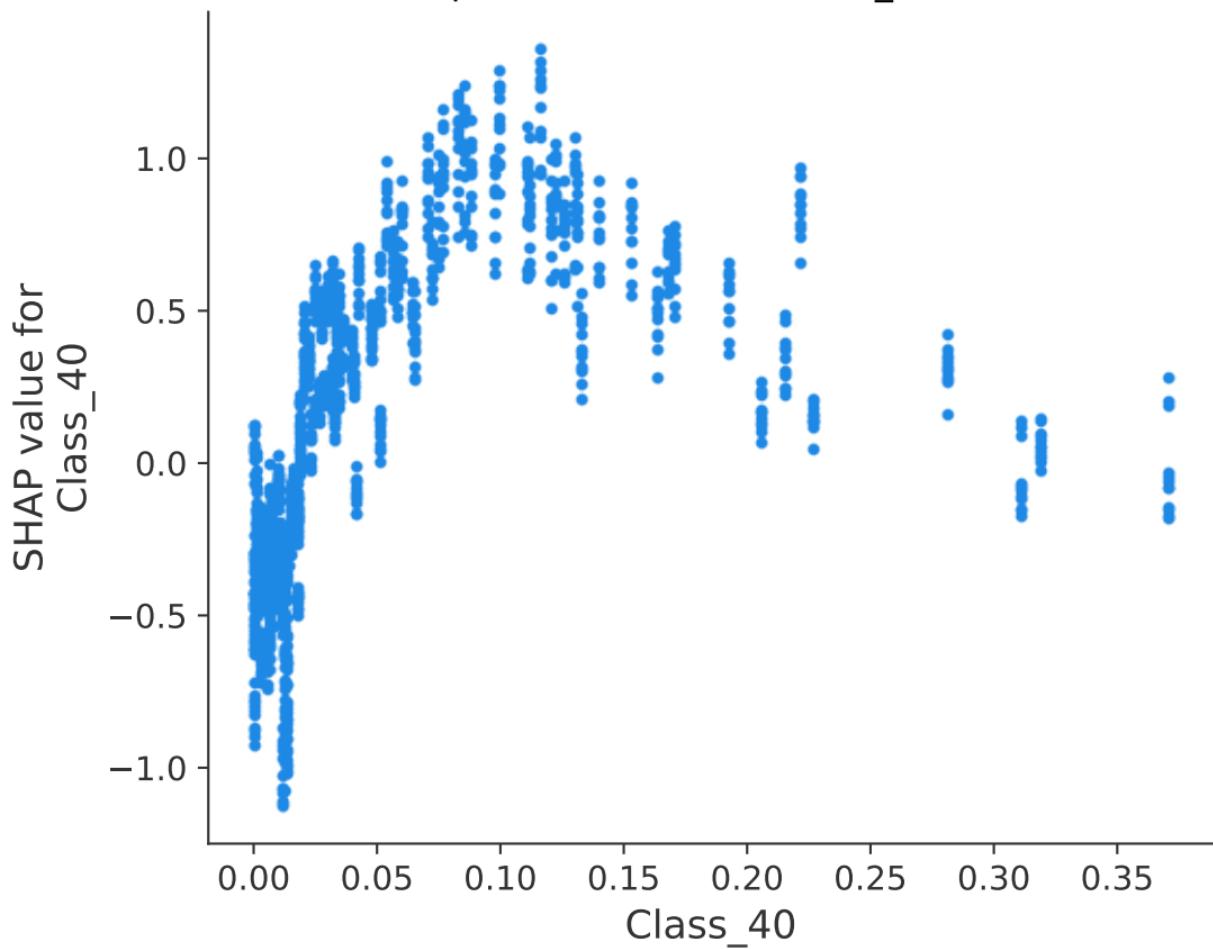


Low

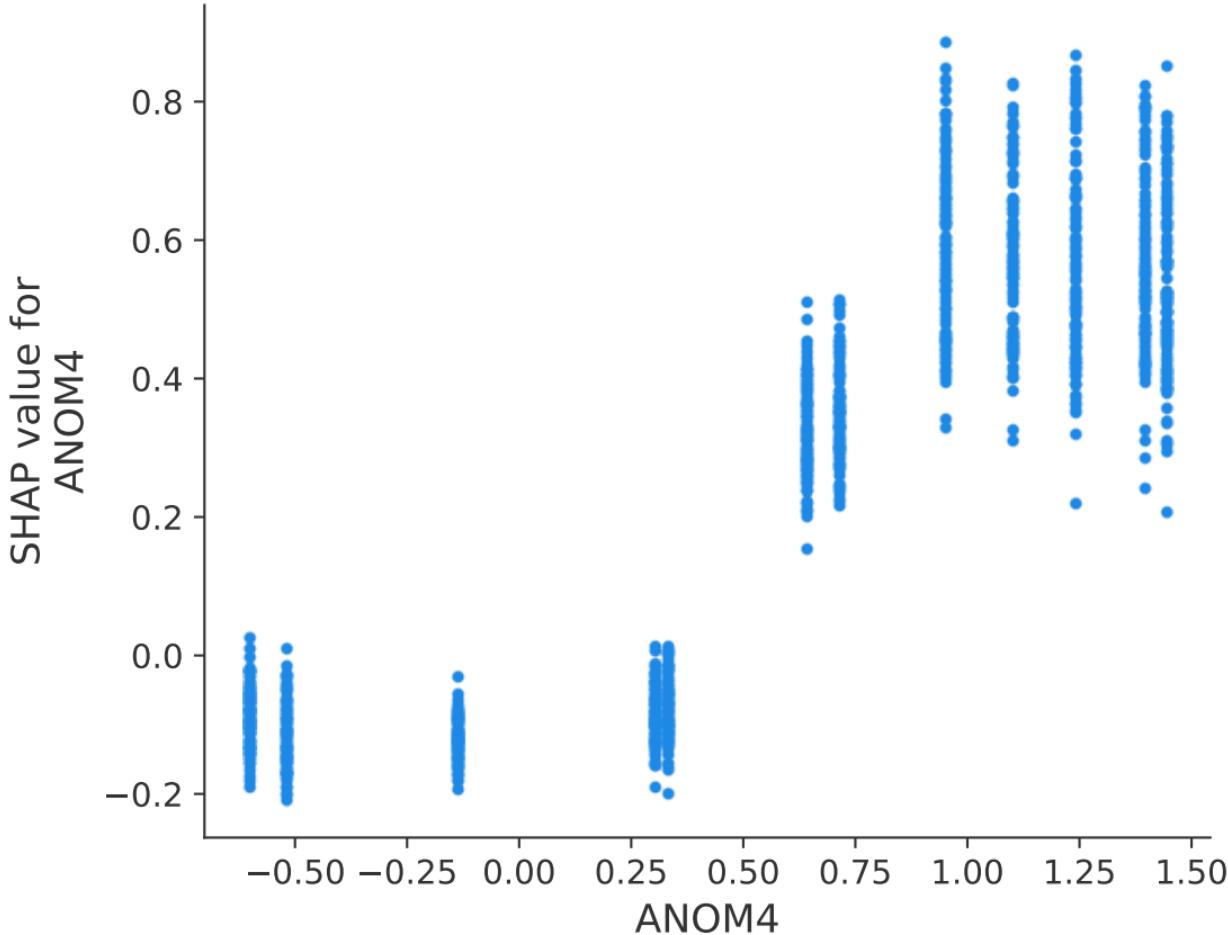
SHAP Dependence Plot for Class_50 - Sumatra



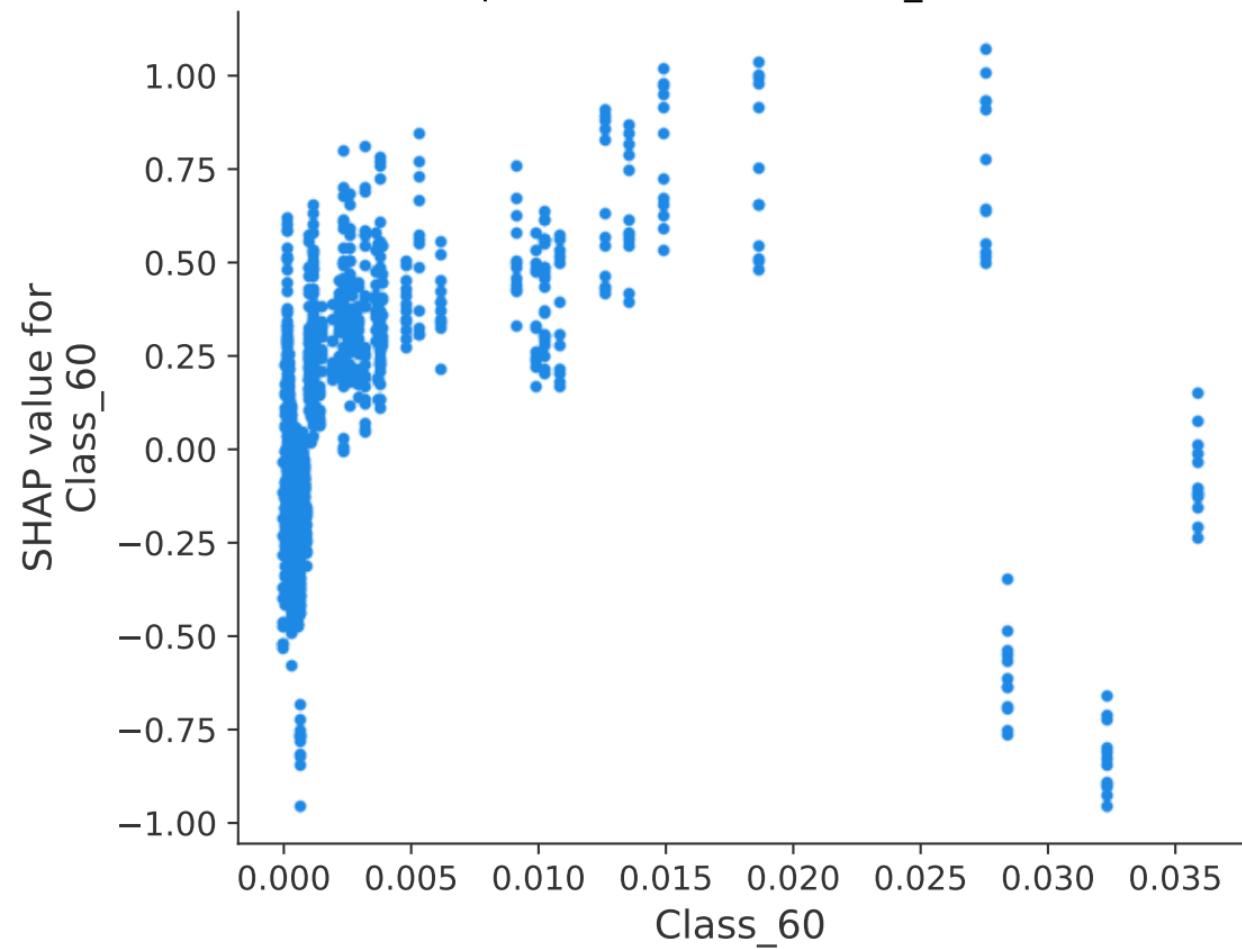
SHAP Dependence Plot for Class_40 - Sumatra



SHAP Dependence Plot for ANOM4 - Sumatra

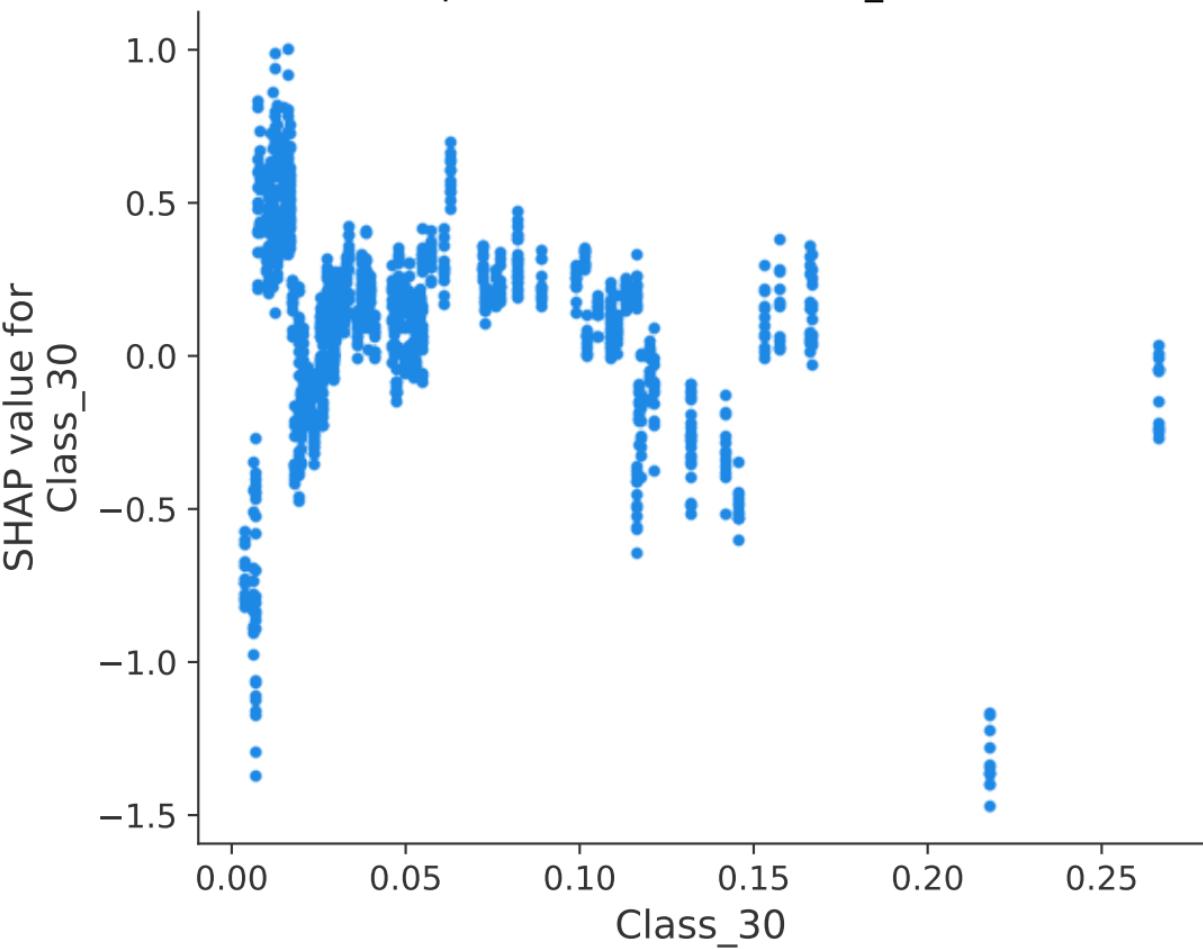


SHAP Dependence Plot for Class_60 - Sumatra

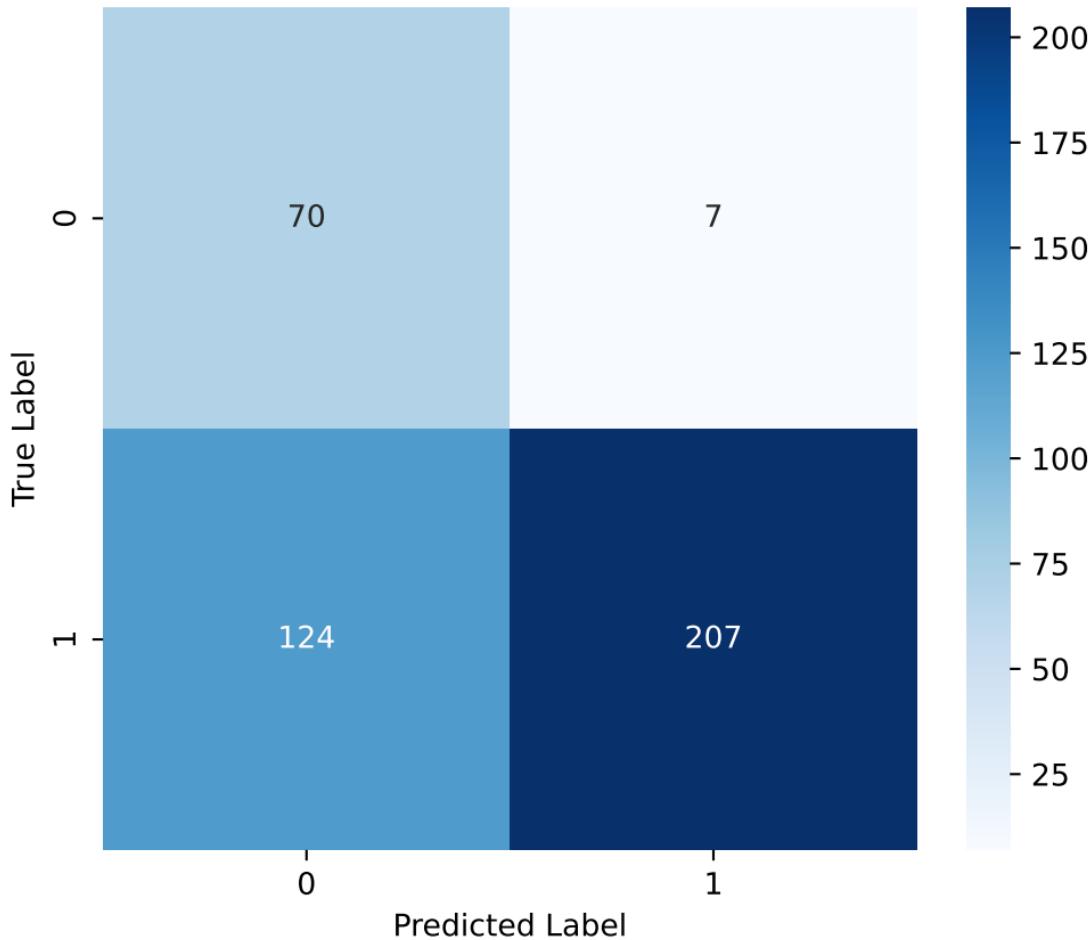


SHAP Dependence Plot for Class_30 - Sumatra

SHAP value for
Class_30



Confusion Matrix - Nusa Tenggara



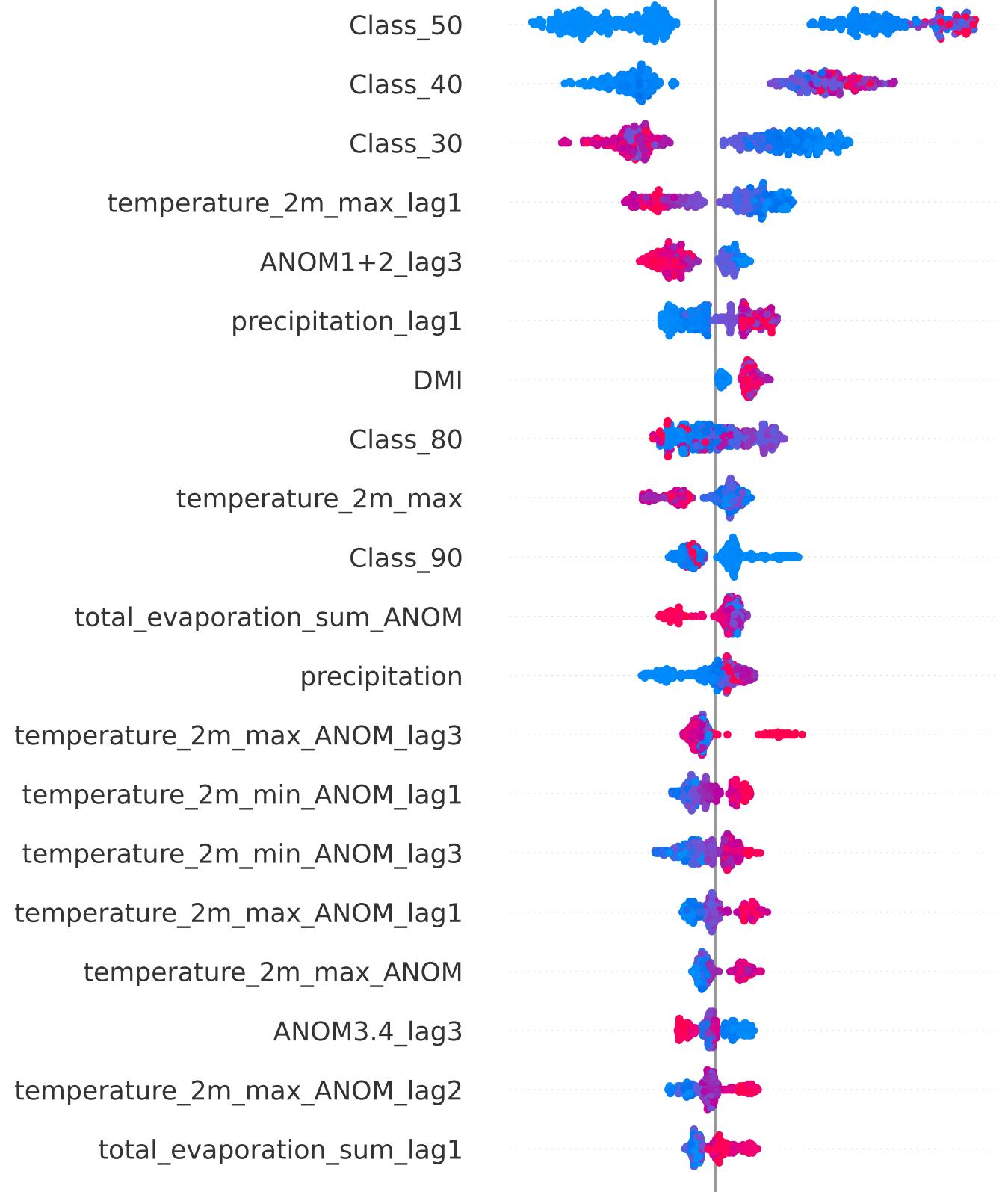
SHAP Beeswarm Plot for Class 0 - Nusa Tenggara

High

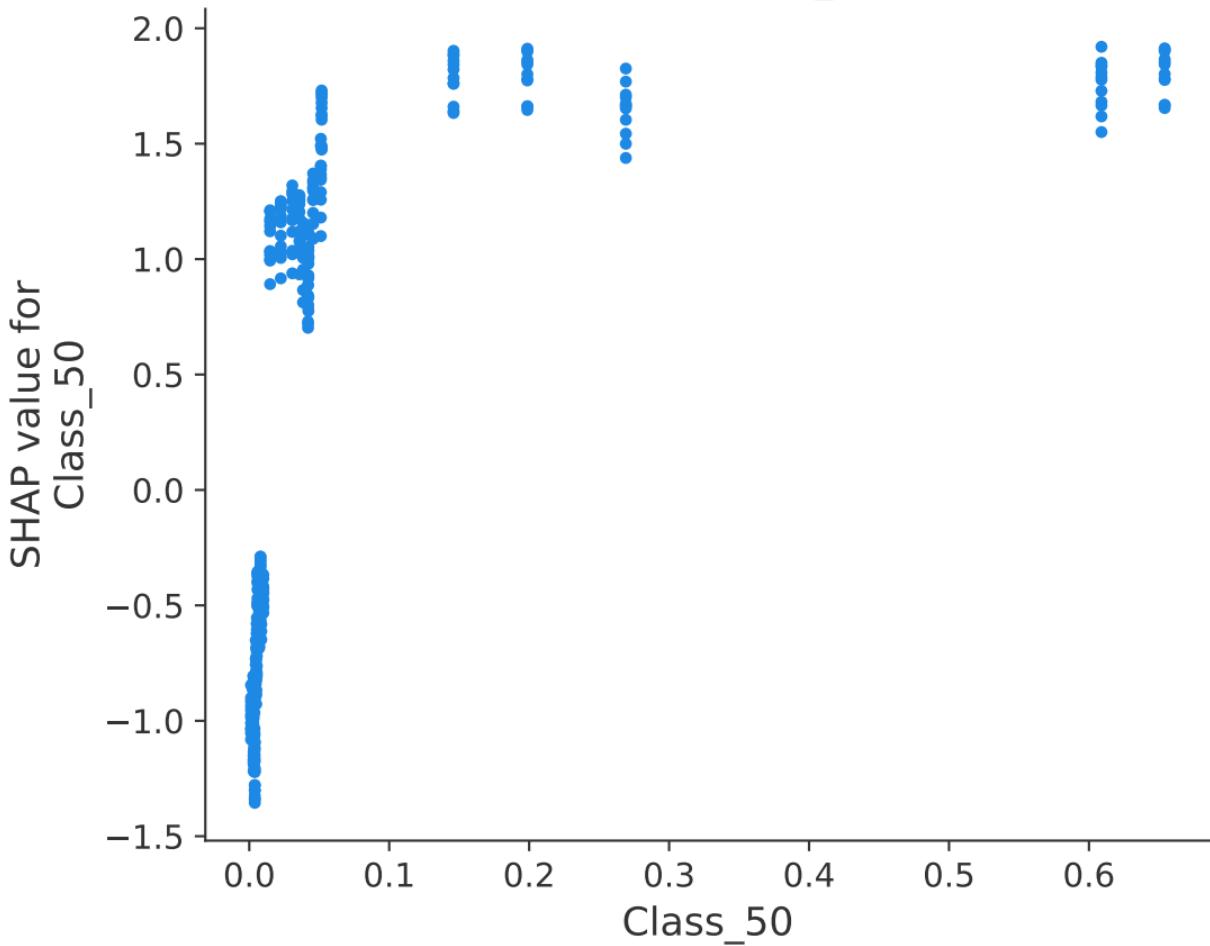
Feature value

Low

SHAP value (impact on model output)



SHAP Dependence Plot for Class_50 - Nusa Tenggara



SHAP Dependence Plot for Class_40 - Nusa Tenggara

SHAP value for
Class_40

1.0

0.5

0.0

-0.5

-1.0

0.00

0.05

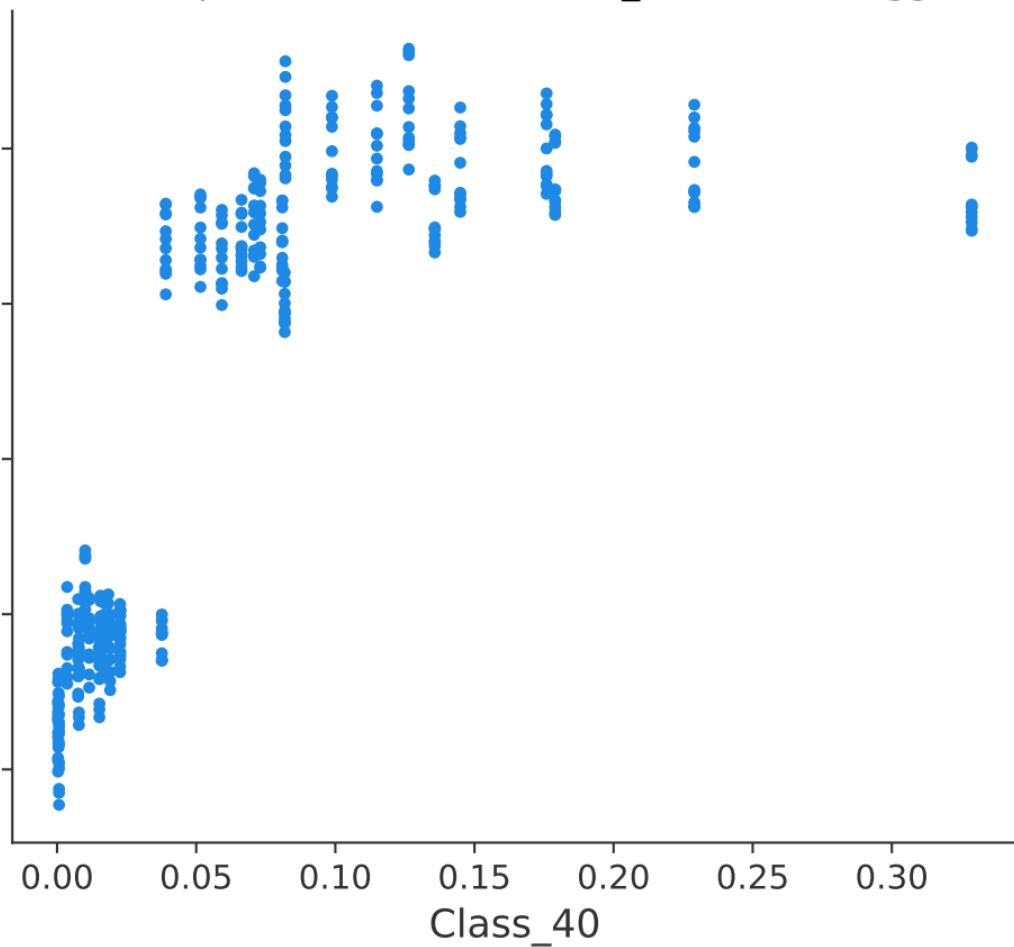
0.10

0.15

0.20

0.25

Class_40



SHAP Dependence Plot for Class_30 - Nusa Tenggara

SHAP value for
Class_30

0.0 0.1 0.2 0.3 0.4 0.5 0.6

Class_30

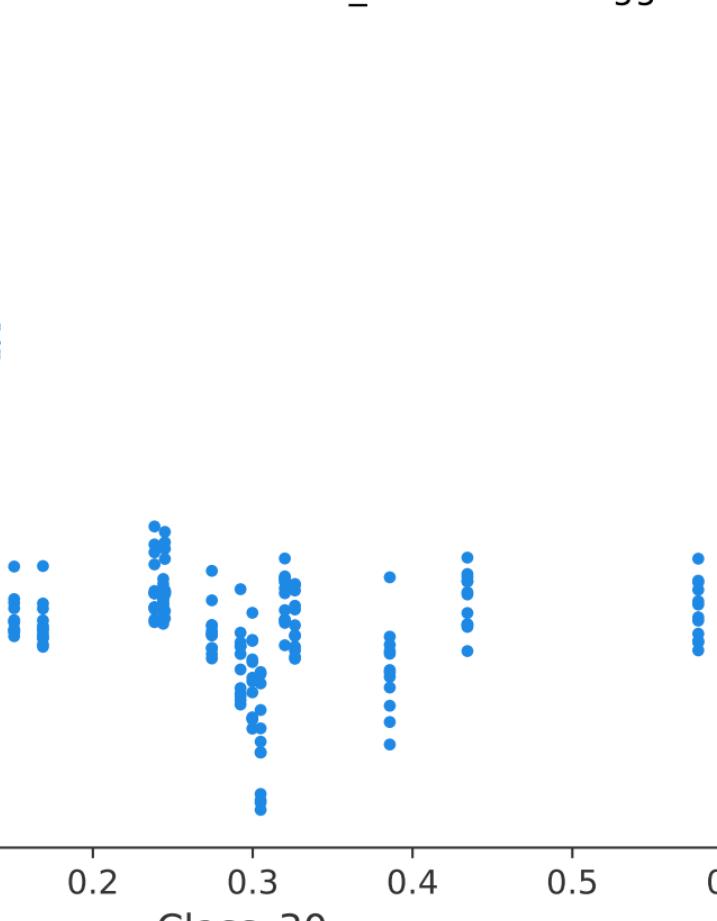
1.0

0.5

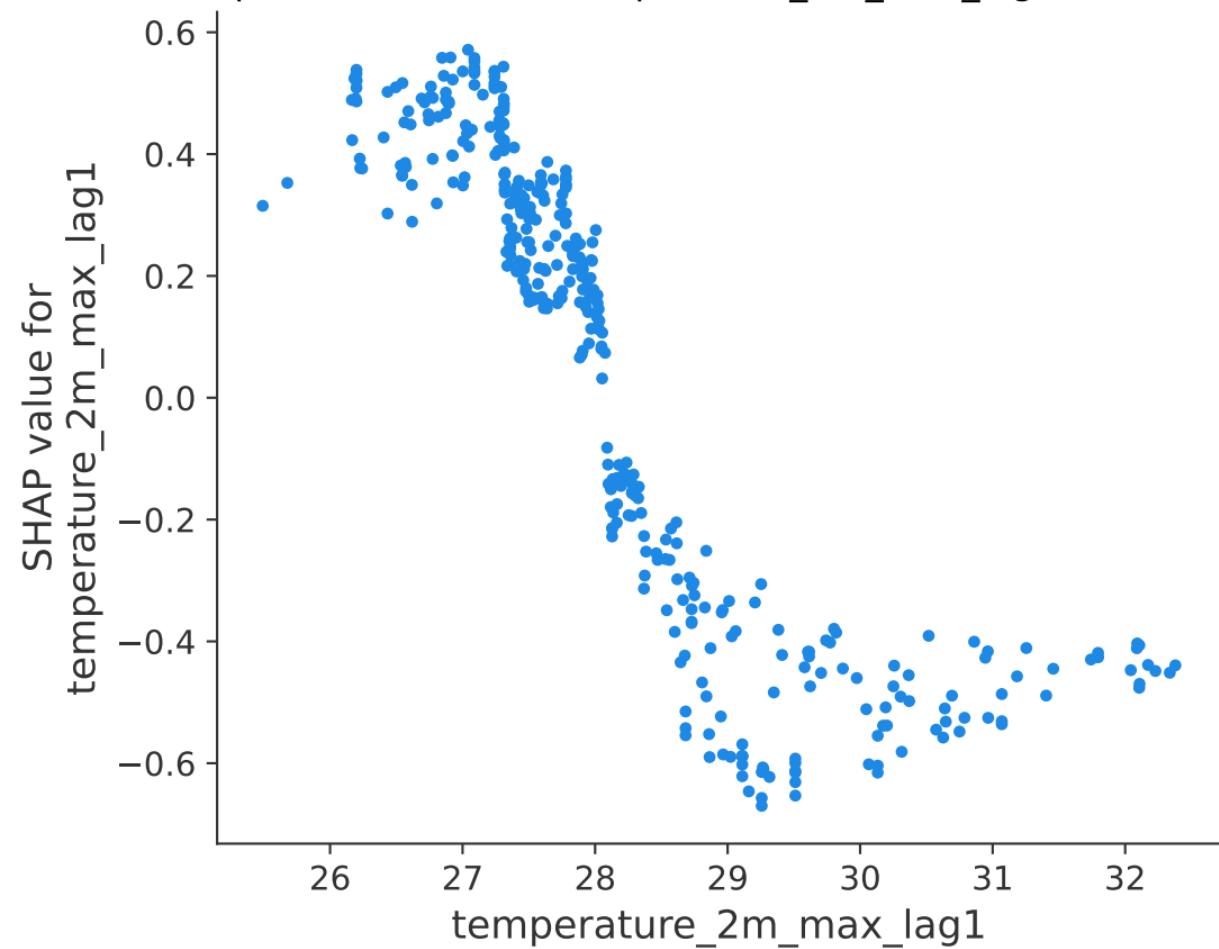
0.0

-0.5

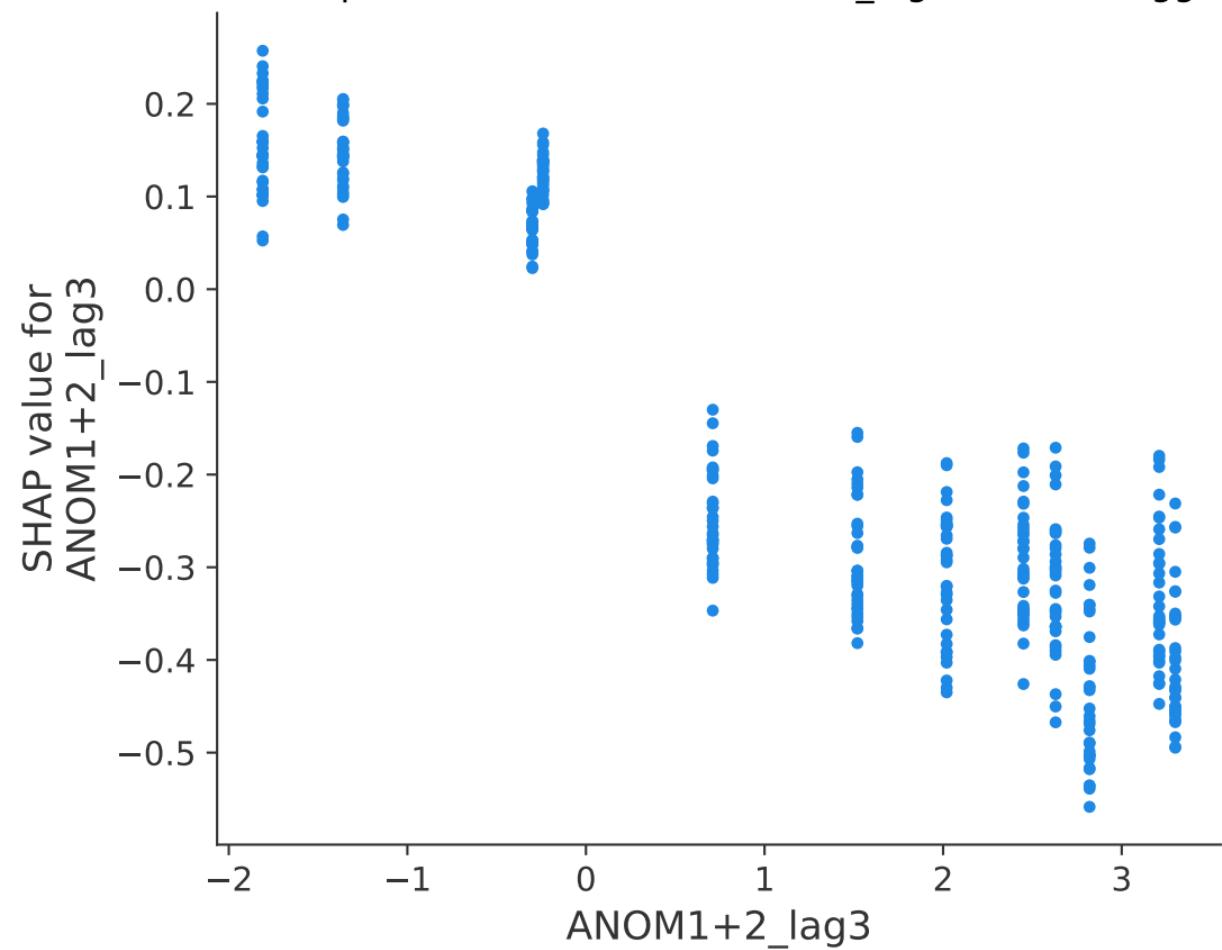
-1.0



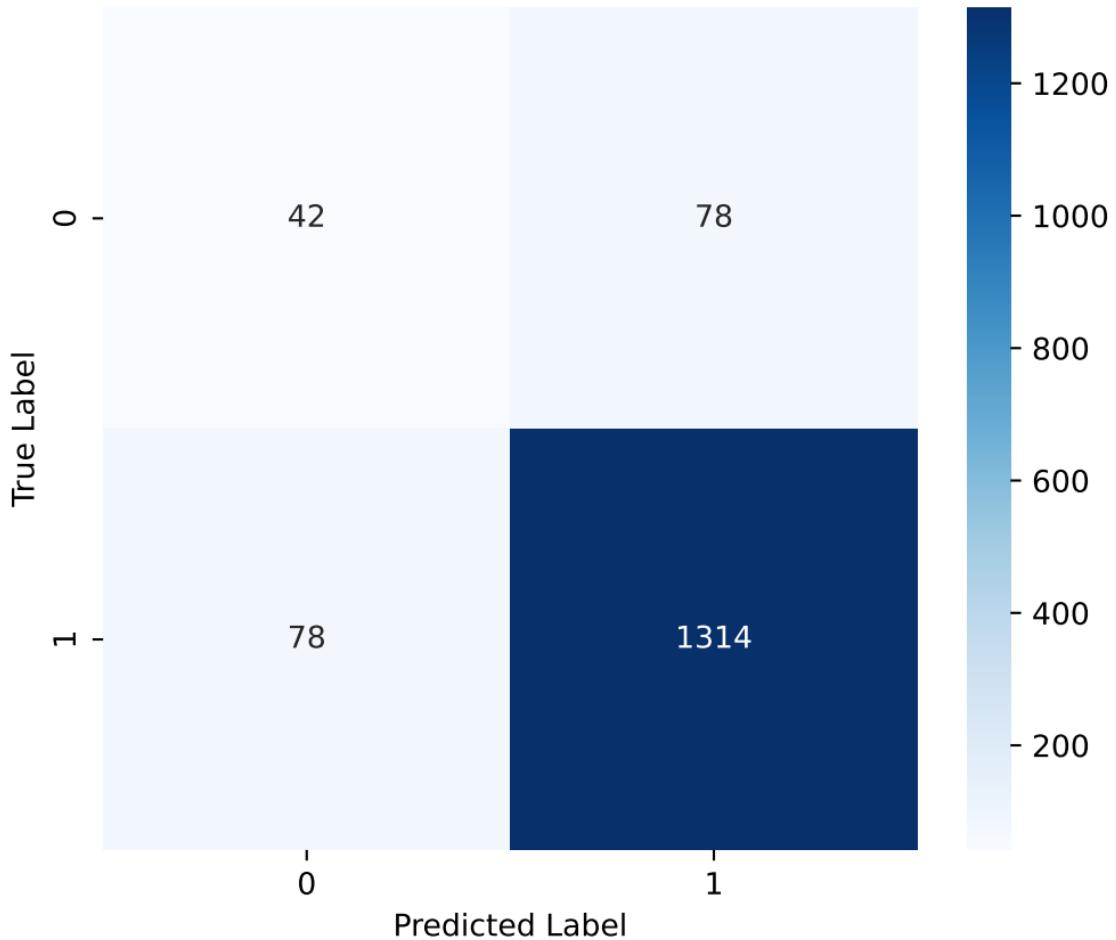
SHAP Dependence Plot for temperature_2m_max_lag1 - Nusa Tenggara



SHAP Dependence Plot for ANOM1+2_lag3 - Nusa Tenggara



Confusion Matrix - Java



SHAP Beeswarm Plot for Class 0 - Java

High

Feature value

Low

Class_80

Class_20

Class_40

Class_60

Class_50

Class_30

Class_90

precipitation_lag3

total_evaporation_sum_lag1

Class_10

ANOM1+2_lag3

precipitation_lag2

ANOM1+2_lag2

DMI_East_lag3

precipitation_ANOM_lag3

temperature_2m_max_lag3

precipitation_ANOM_lag2

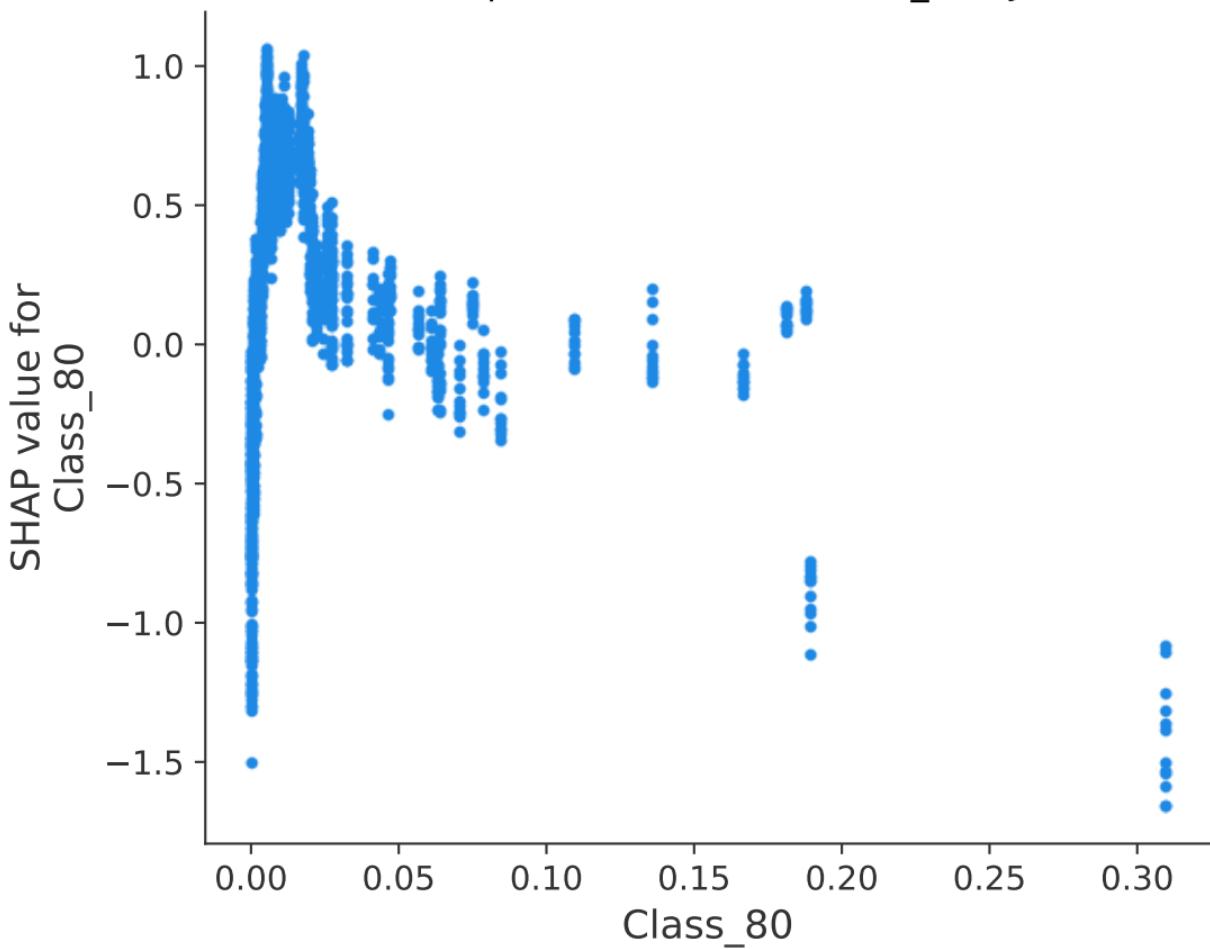
precipitation_ANOM_lag1

total_evaporation_sum_lag3

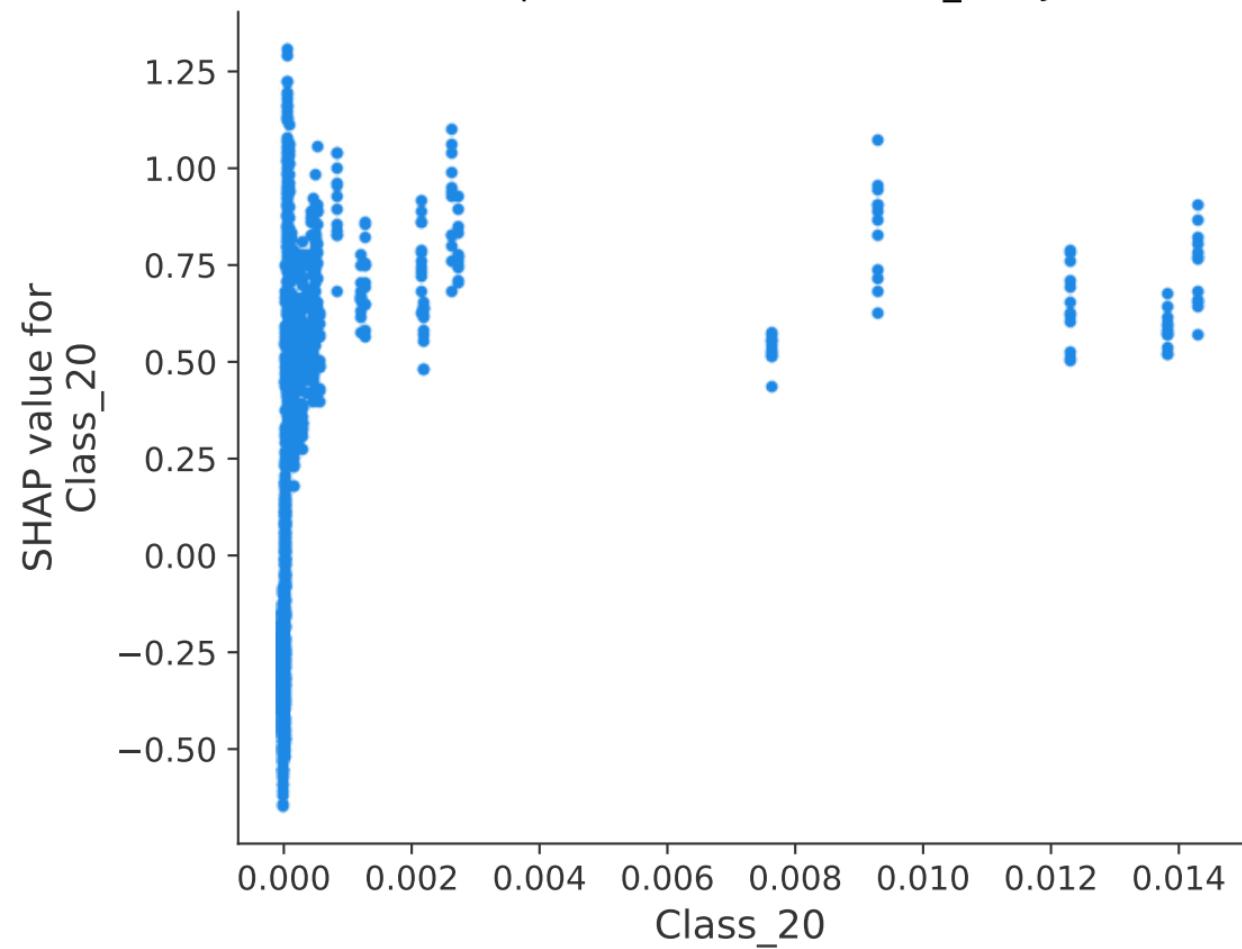
DMI

SHAP value (impact on model output)

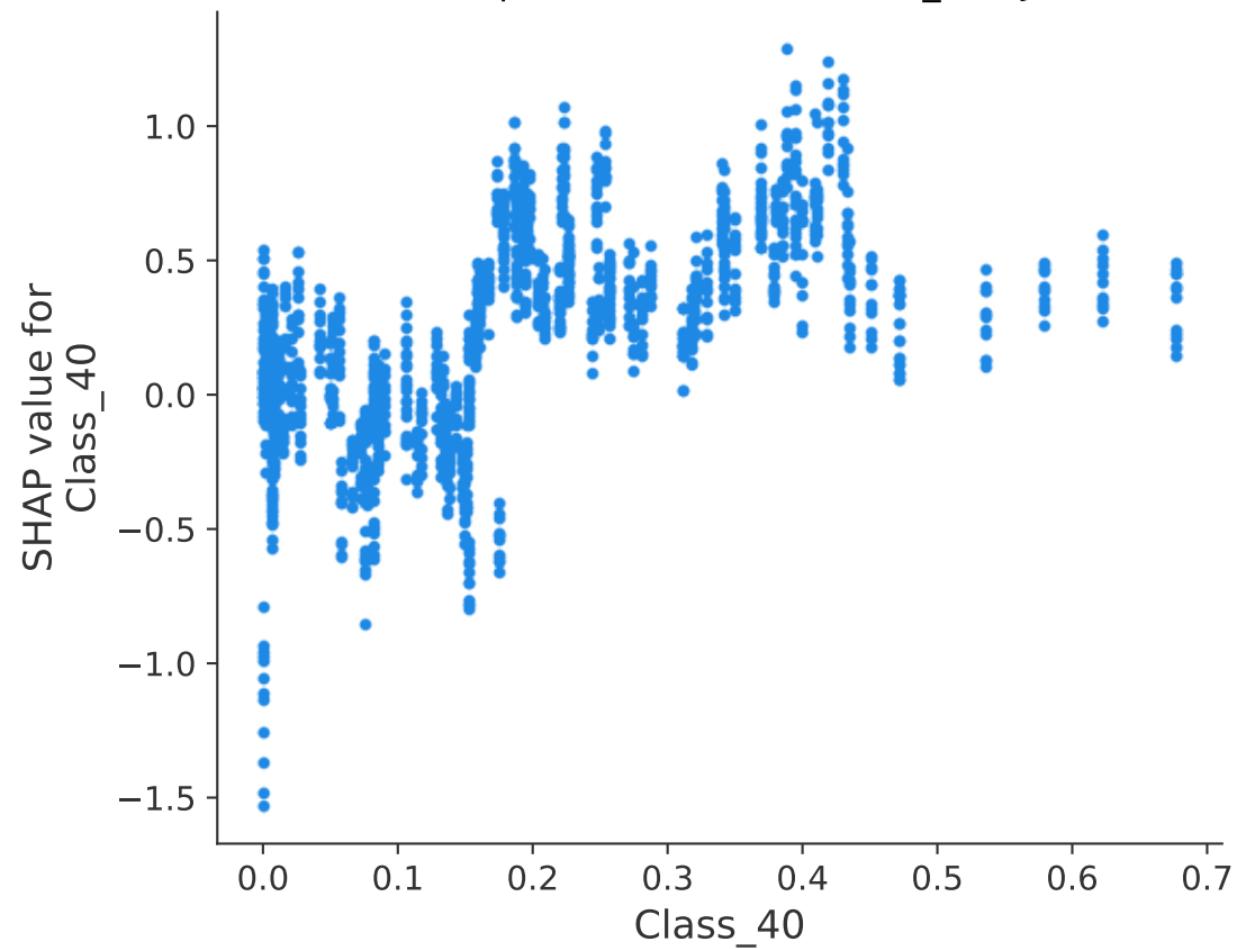
SHAP Dependence Plot for Class_80 - Java



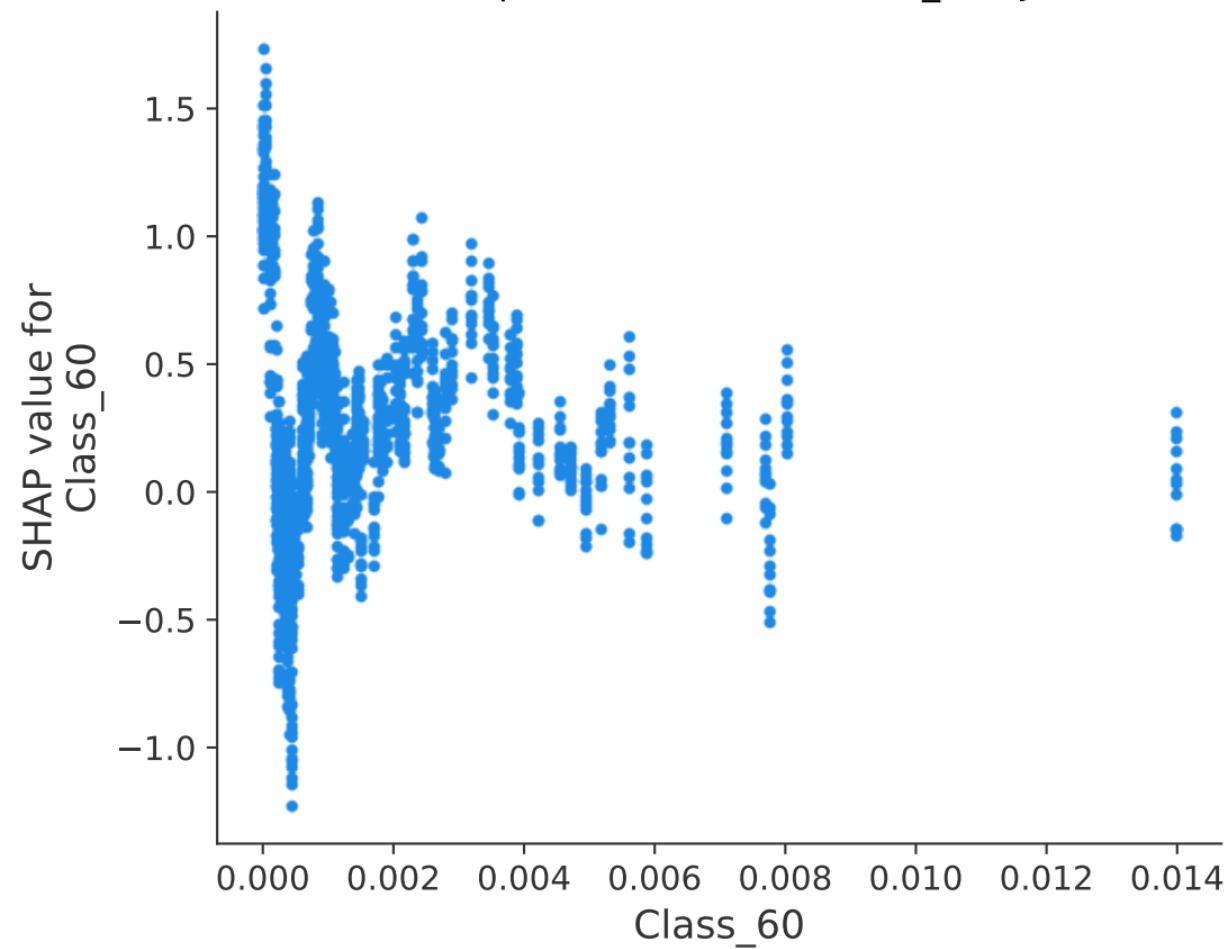
SHAP Dependence Plot for Class_20 - Java



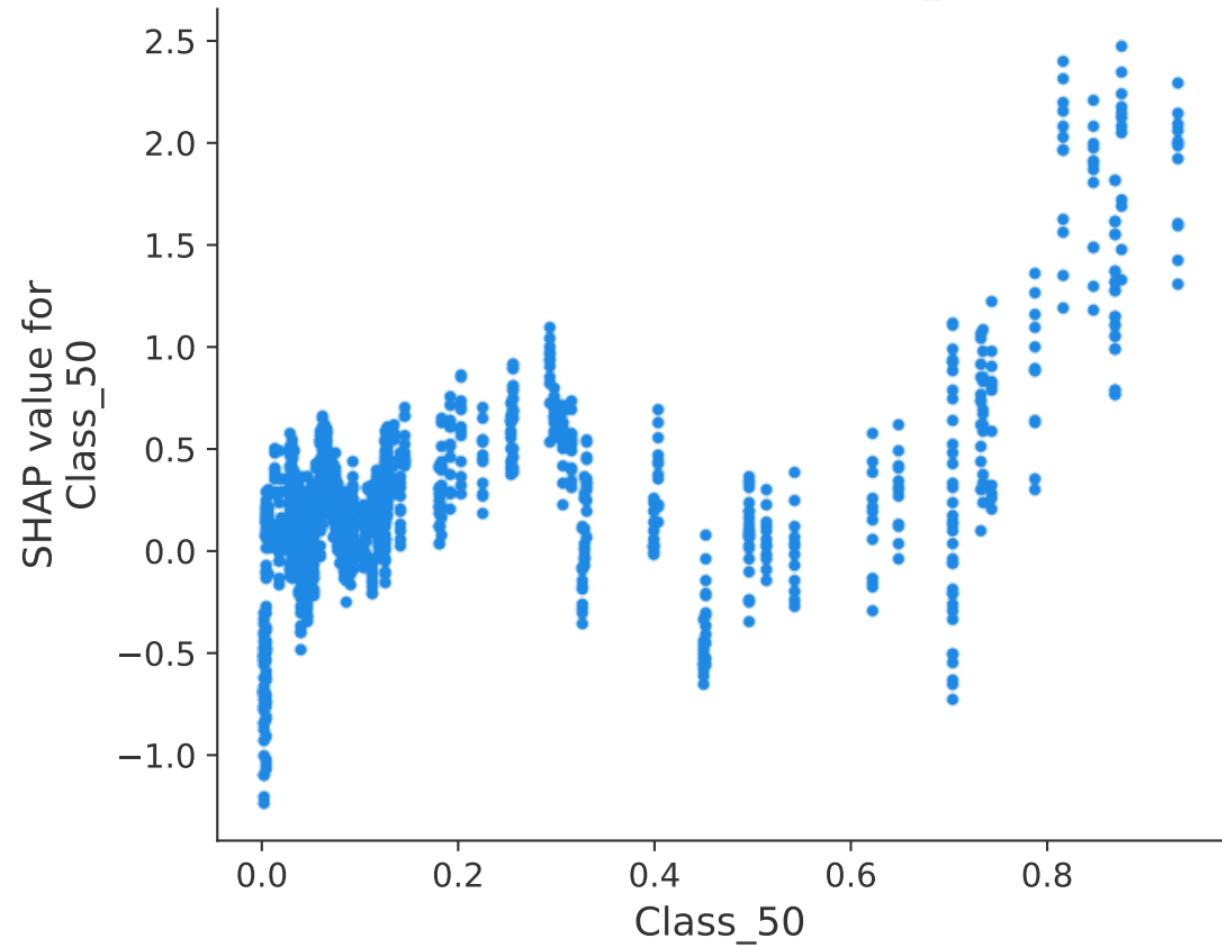
SHAP Dependence Plot for Class_40 - Java



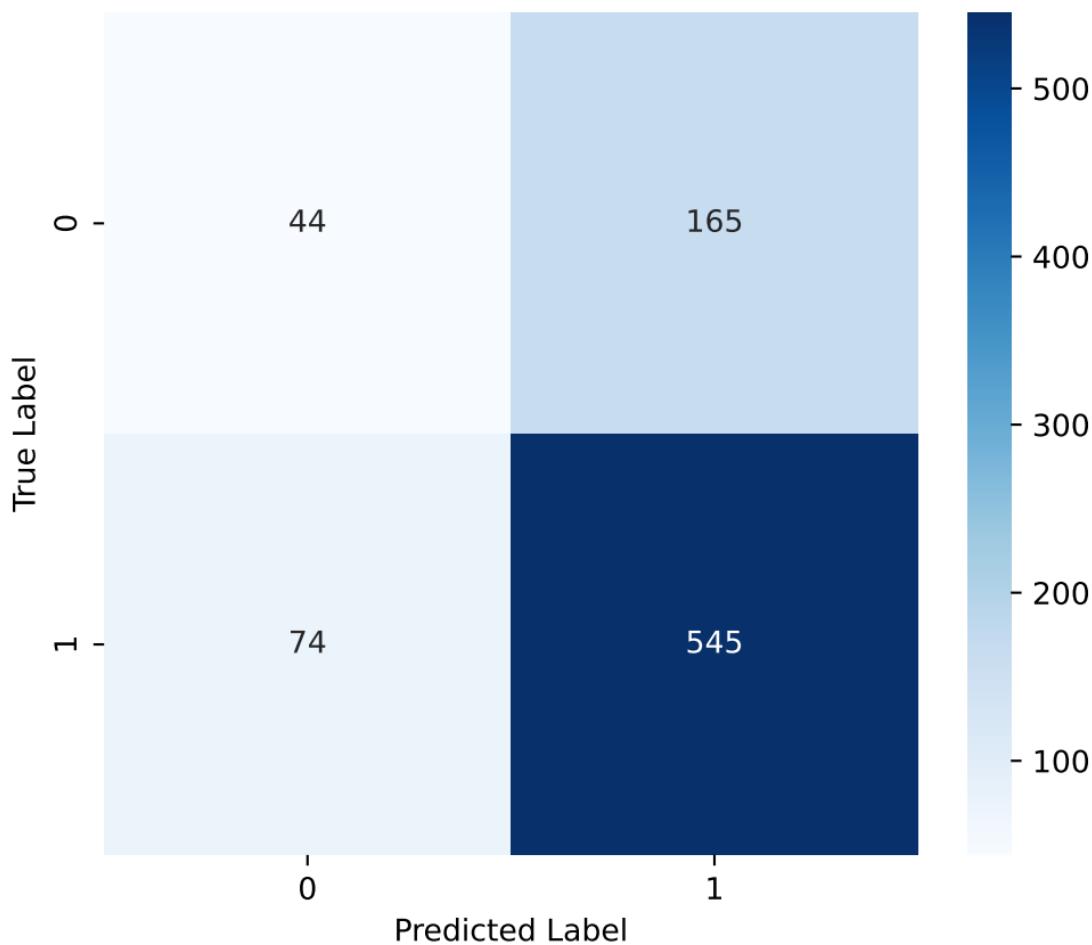
SHAP Dependence Plot for Class_60 - Java



SHAP Dependence Plot for Class_50 - Java



Confusion Matrix - Sulawesi

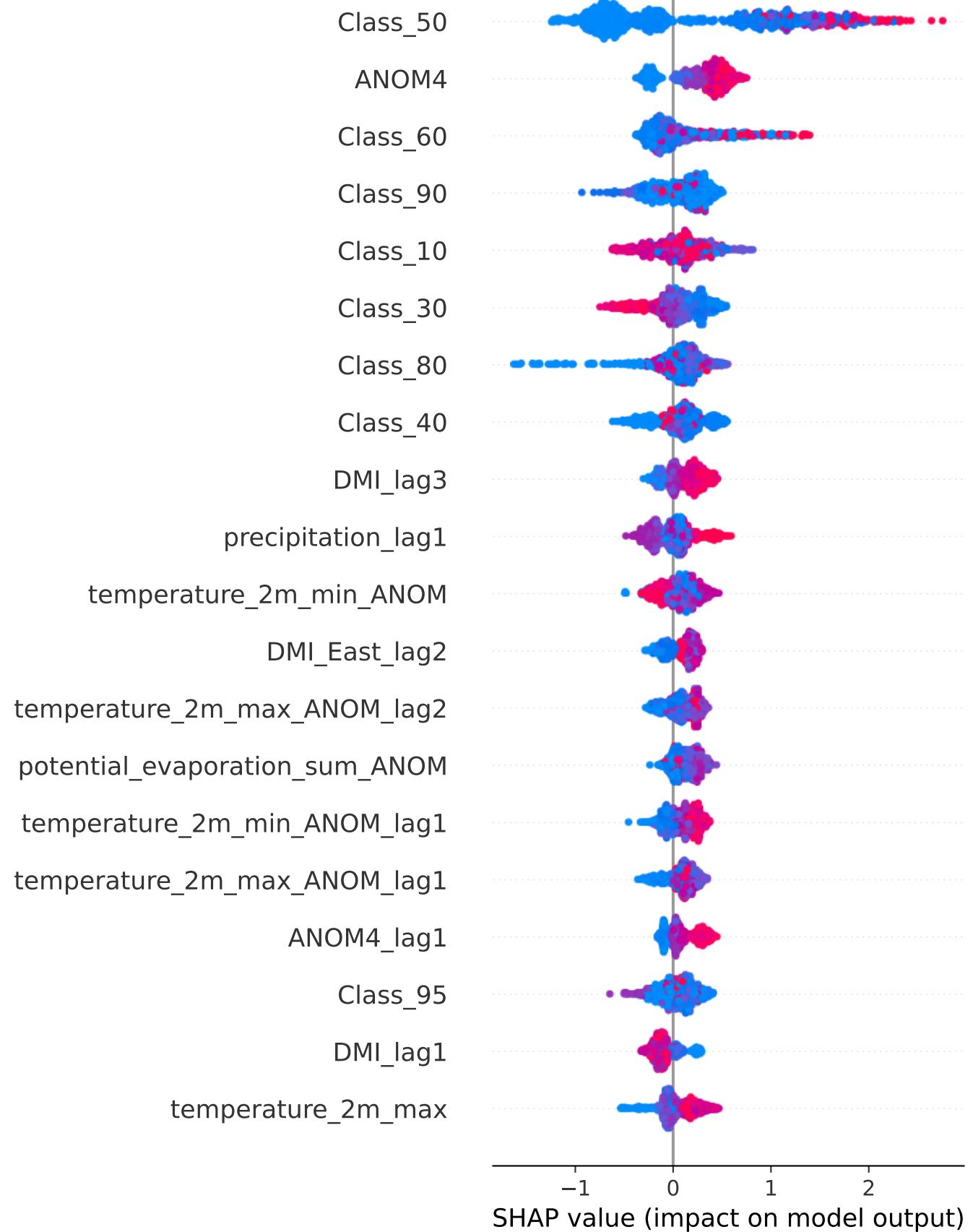


SHAP Beeswarm Plot for Class 0 - Sulawesi

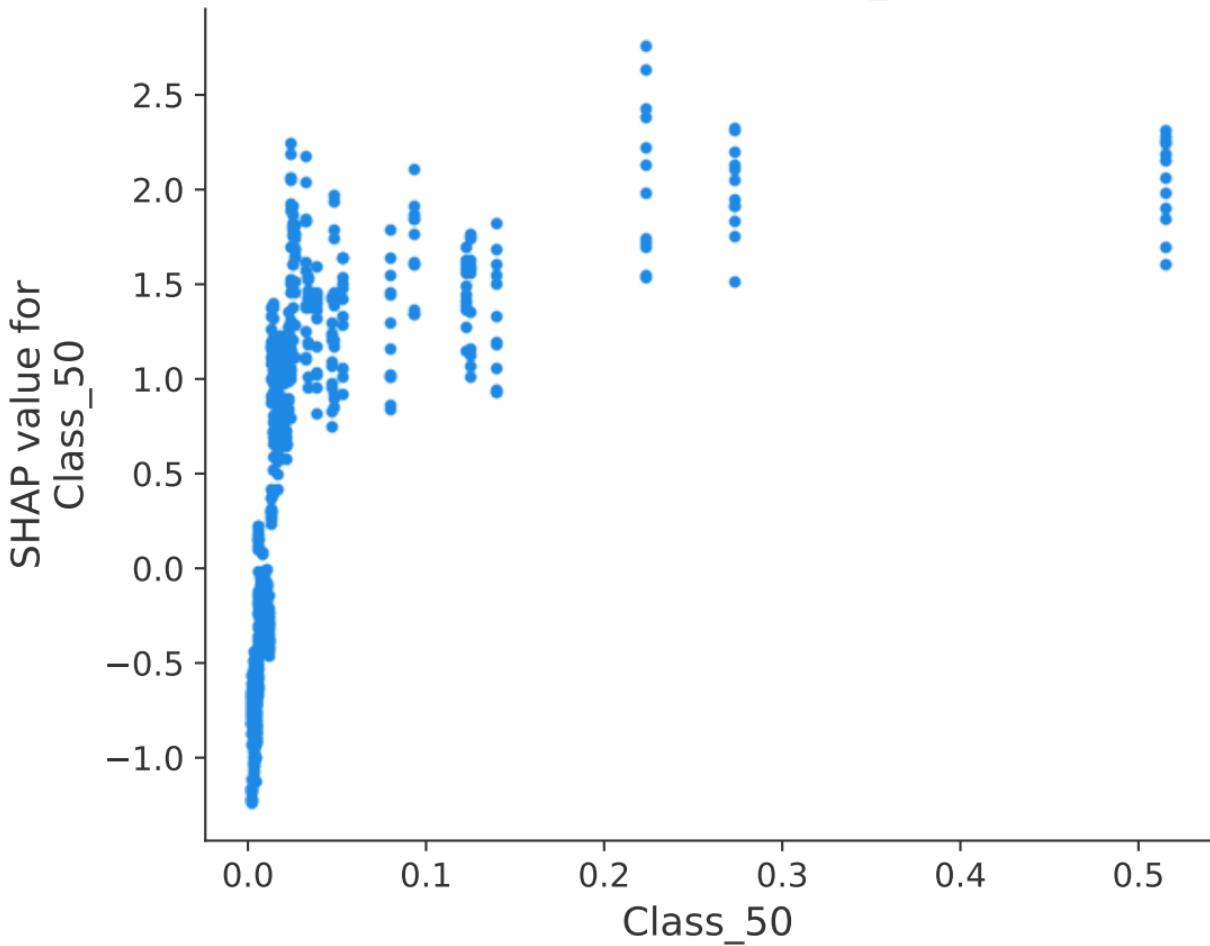
High

Feature value

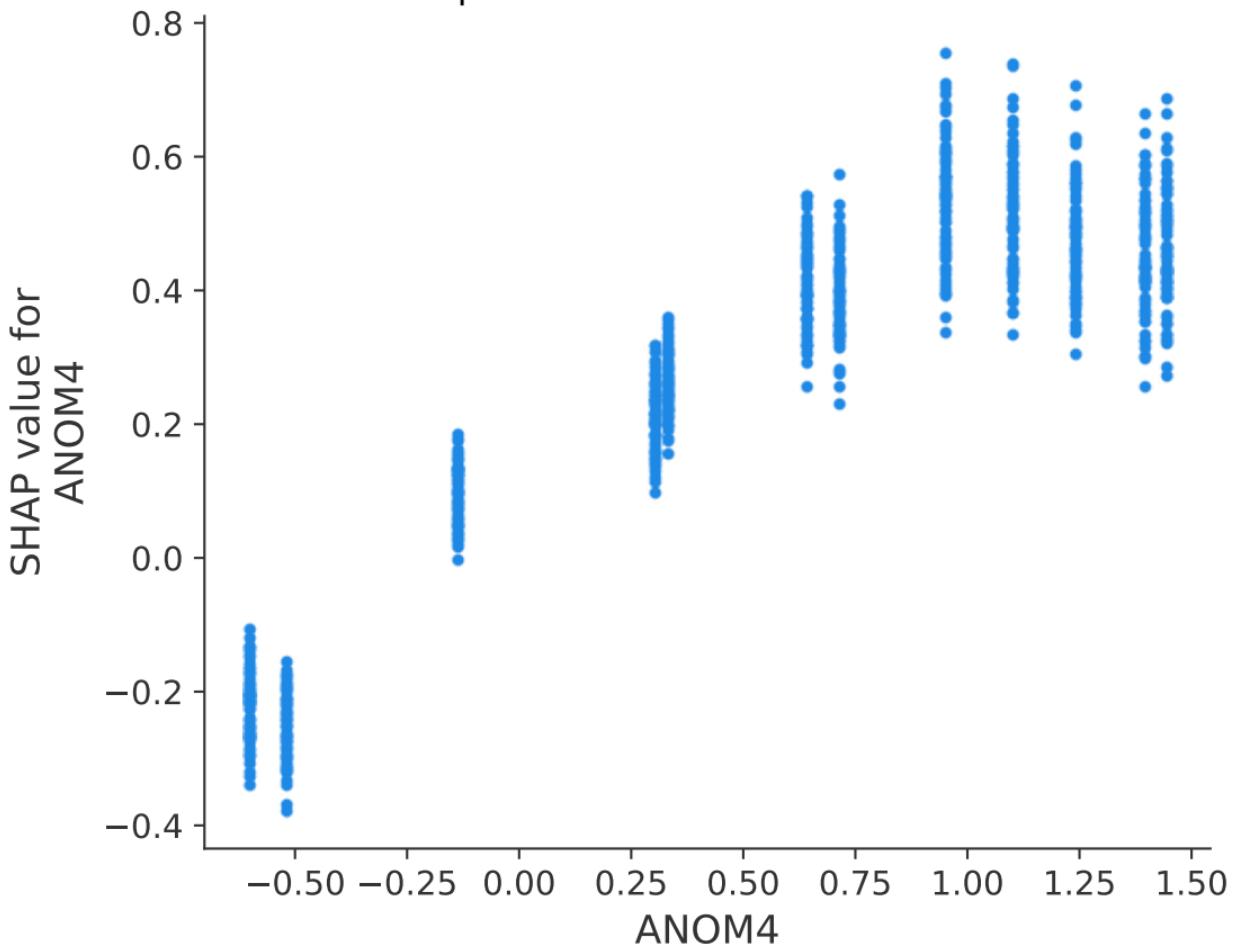
Low



SHAP Dependence Plot for Class_50 - Sulawesi

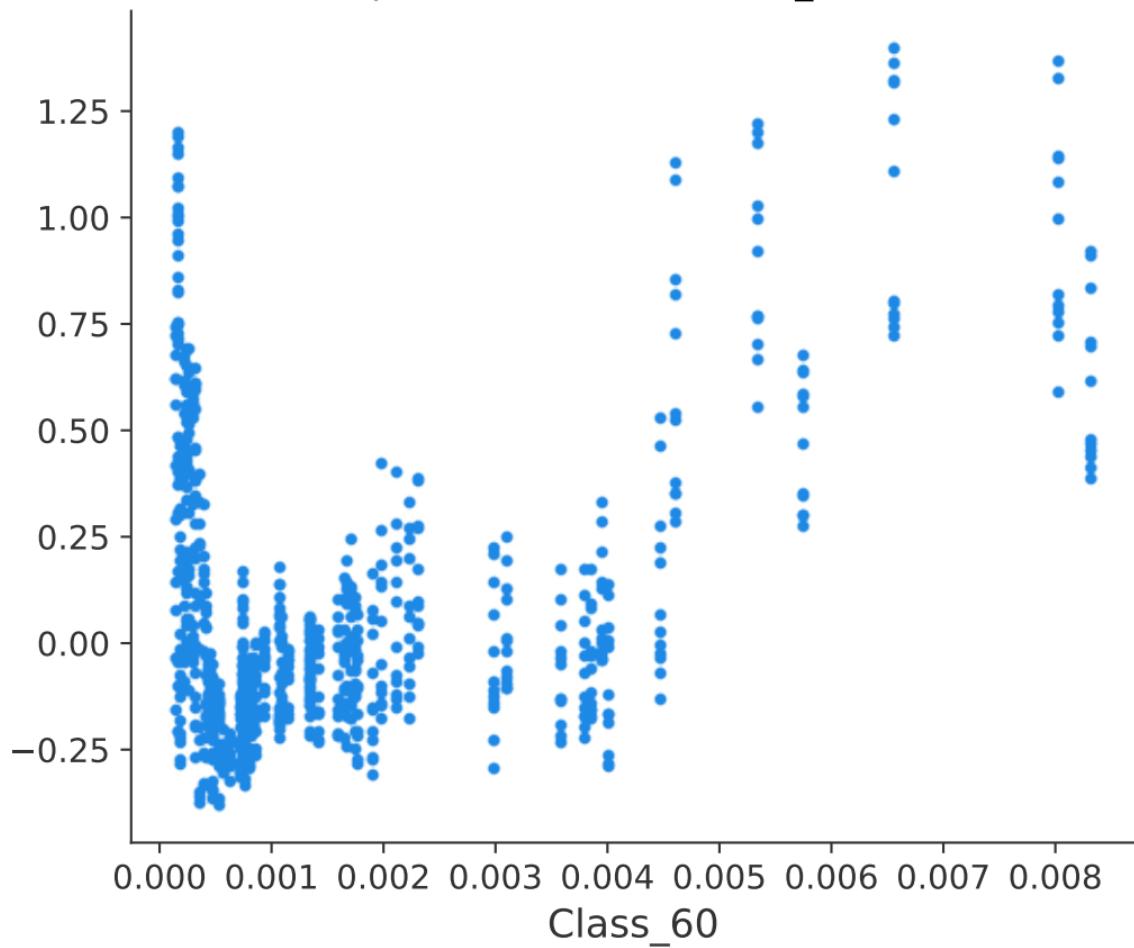


SHAP Dependence Plot for ANOM4 - Sulawesi

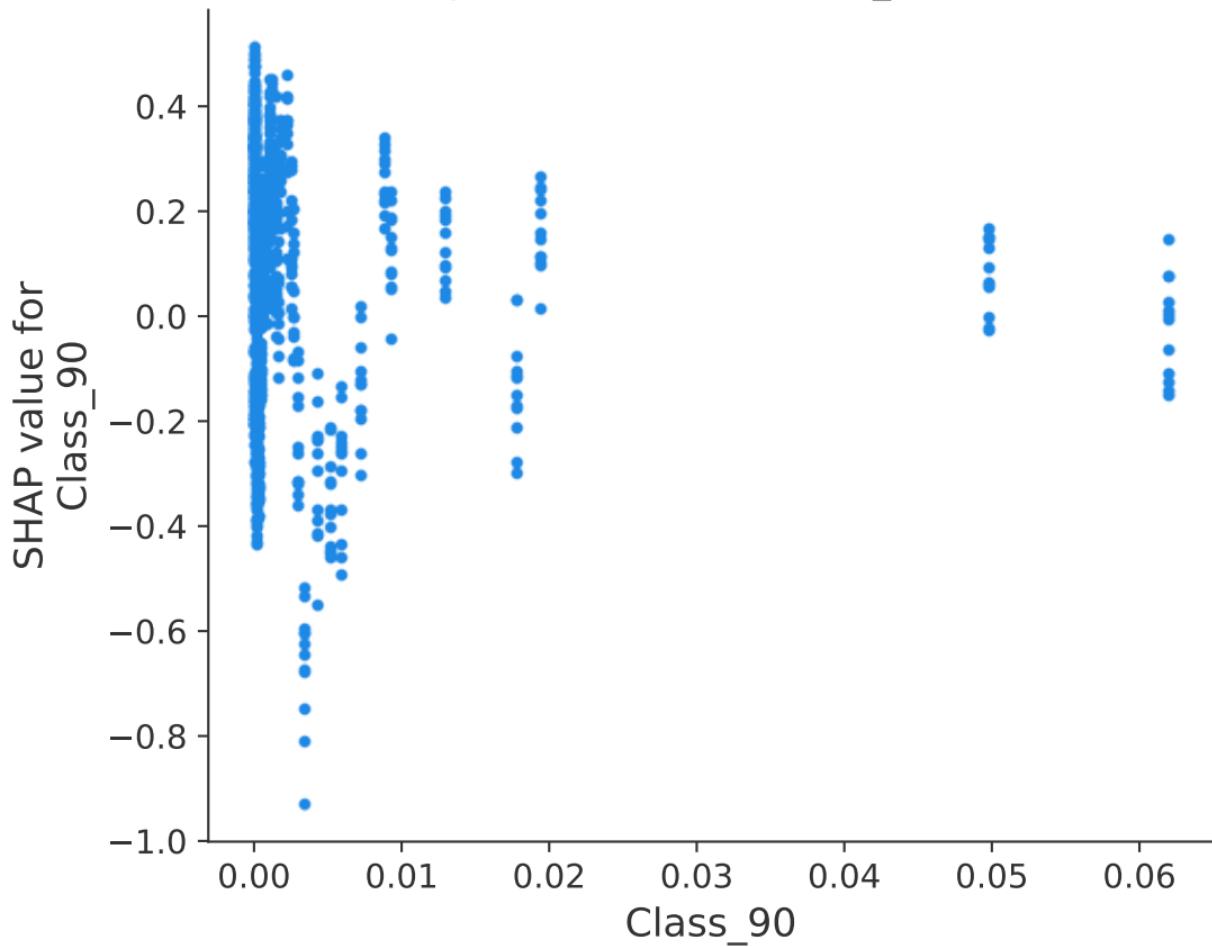


SHAP Dependence Plot for Class_60 - Sulawesi

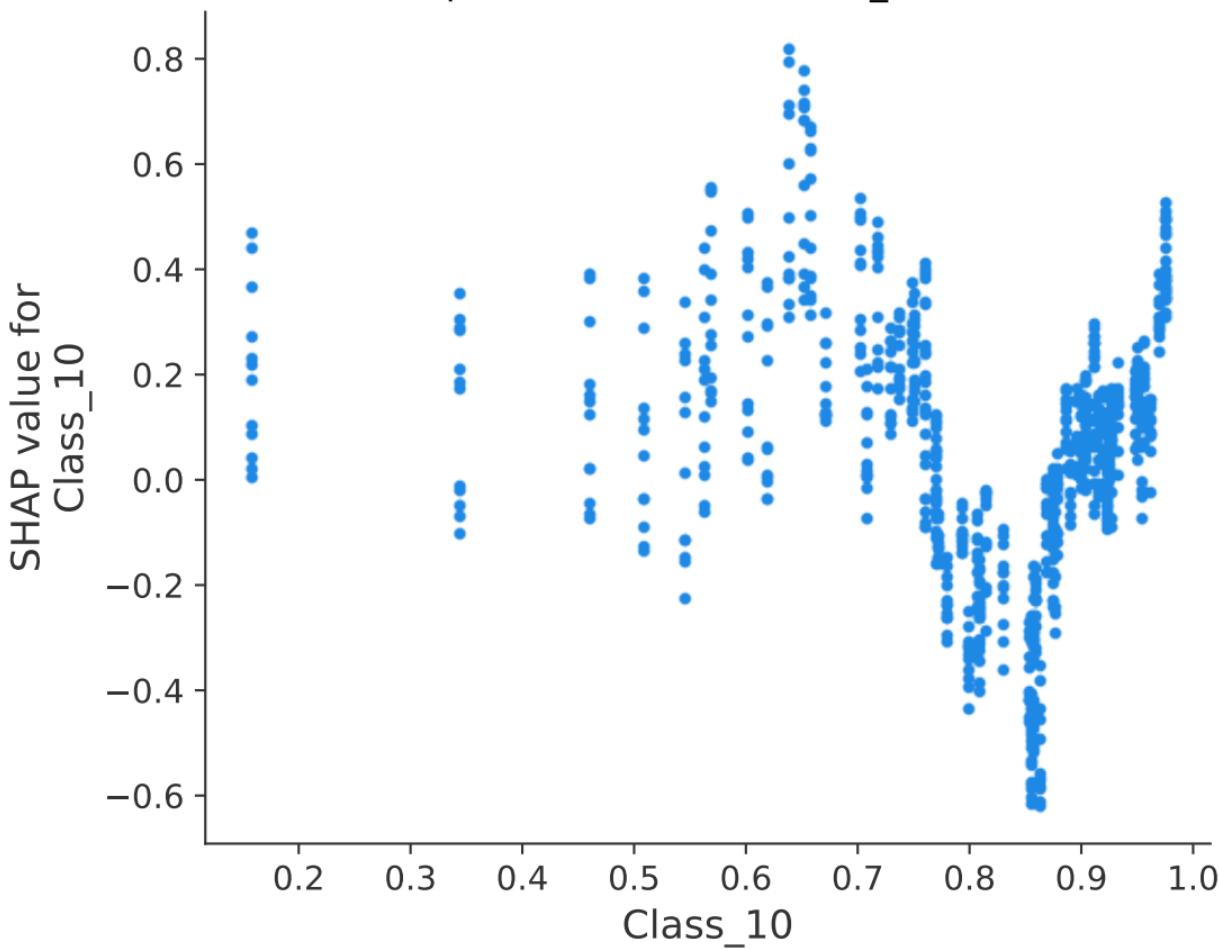
SHAP value for
Class_60



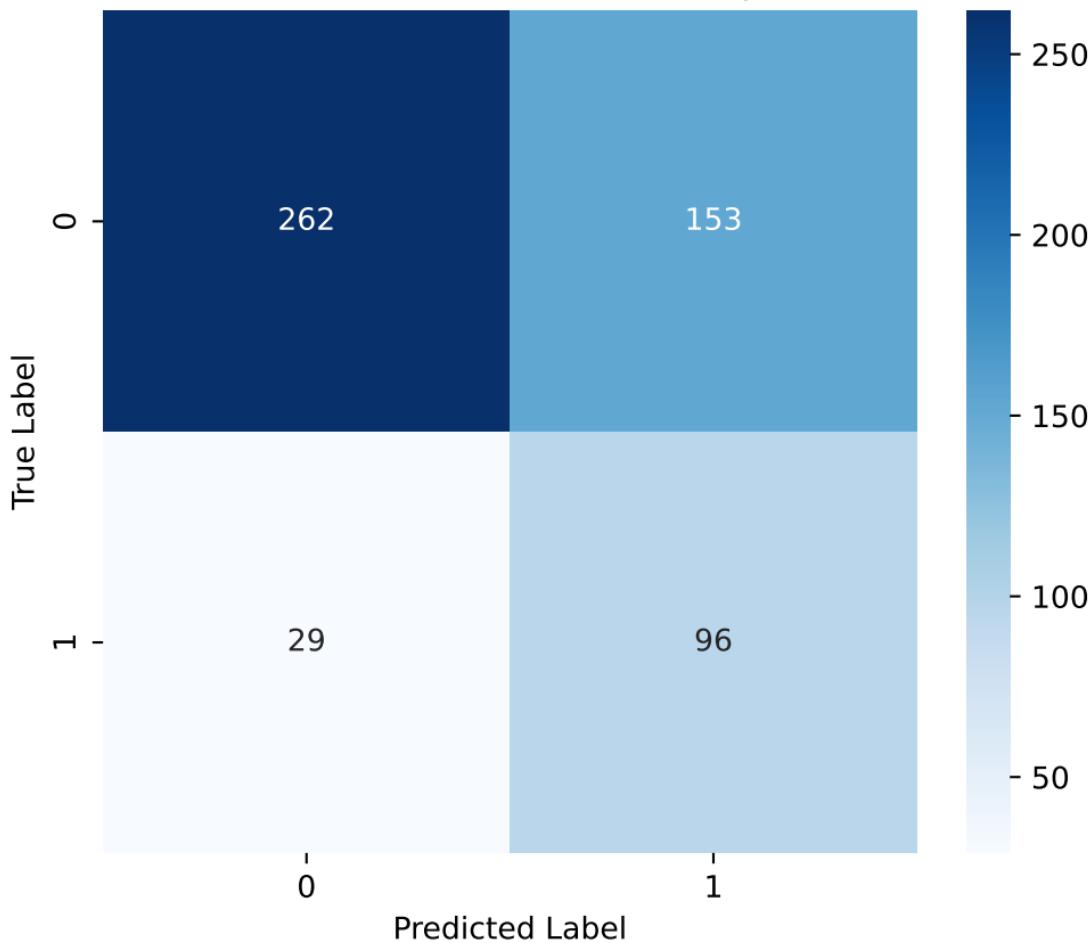
SHAP Dependence Plot for Class_90 - Sulawesi



SHAP Dependence Plot for Class_10 - Sulawesi



Confusion Matrix - Maluku-Papua



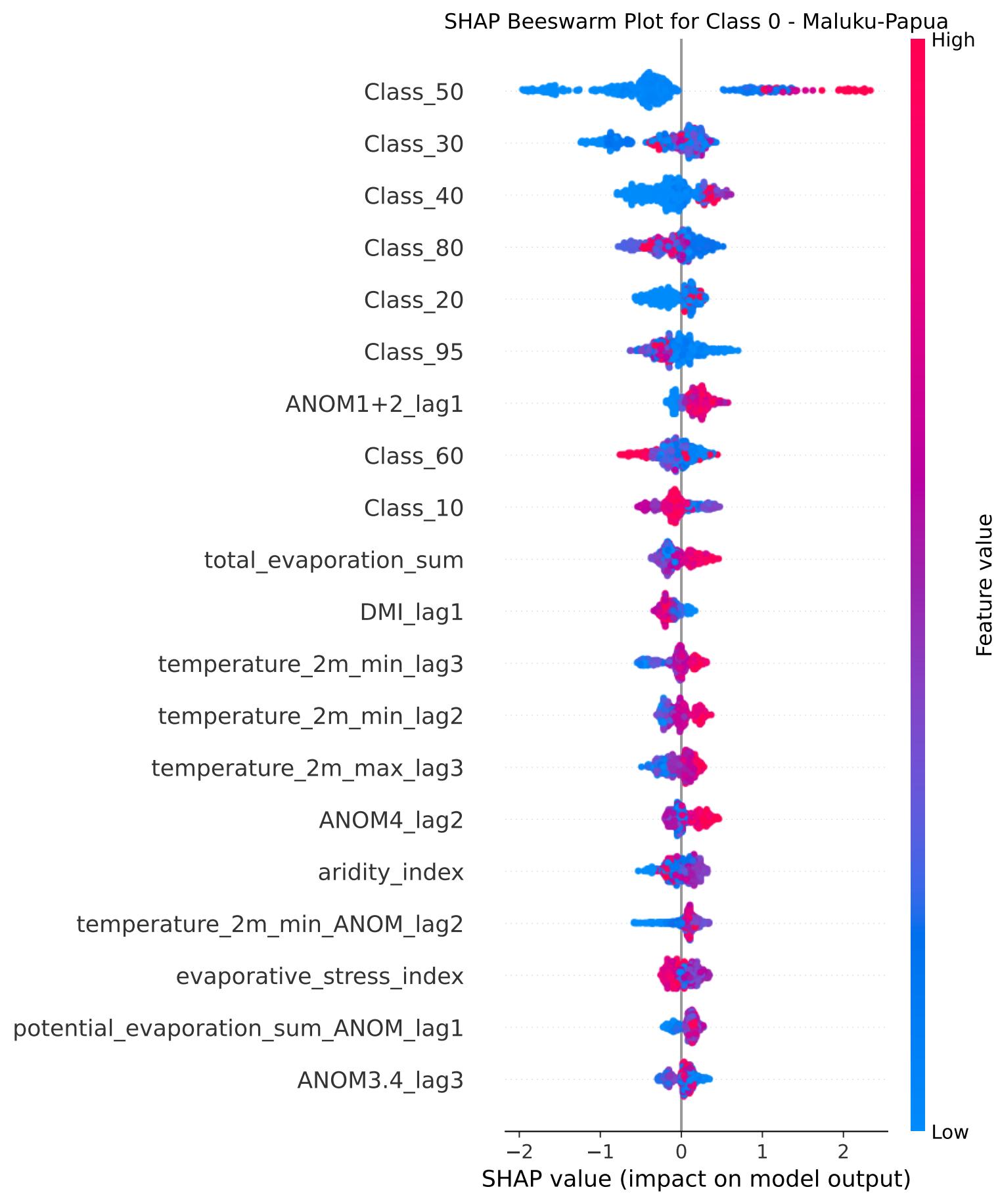
SHAP Beeswarm Plot for Class 0 - Maluku-Papua

High

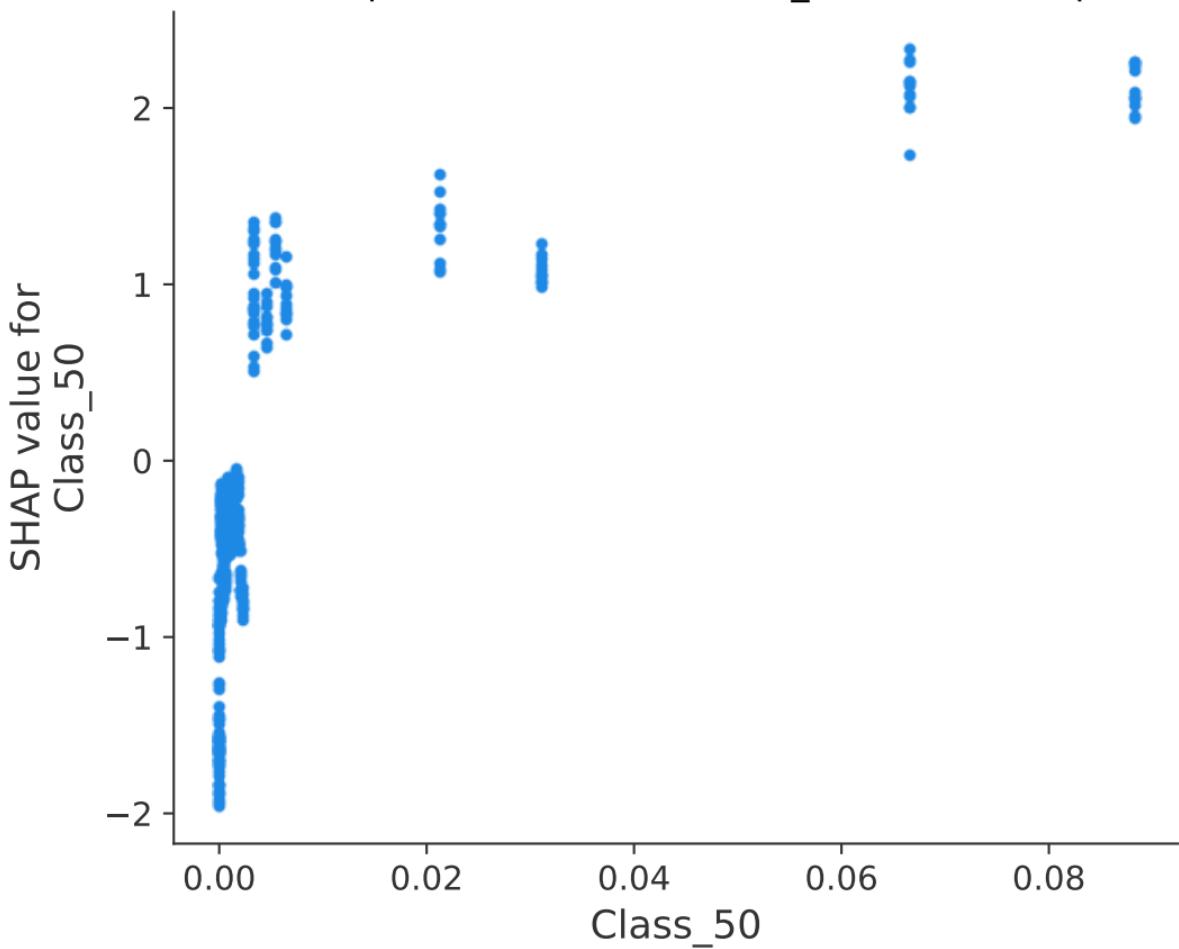
Feature value

Low

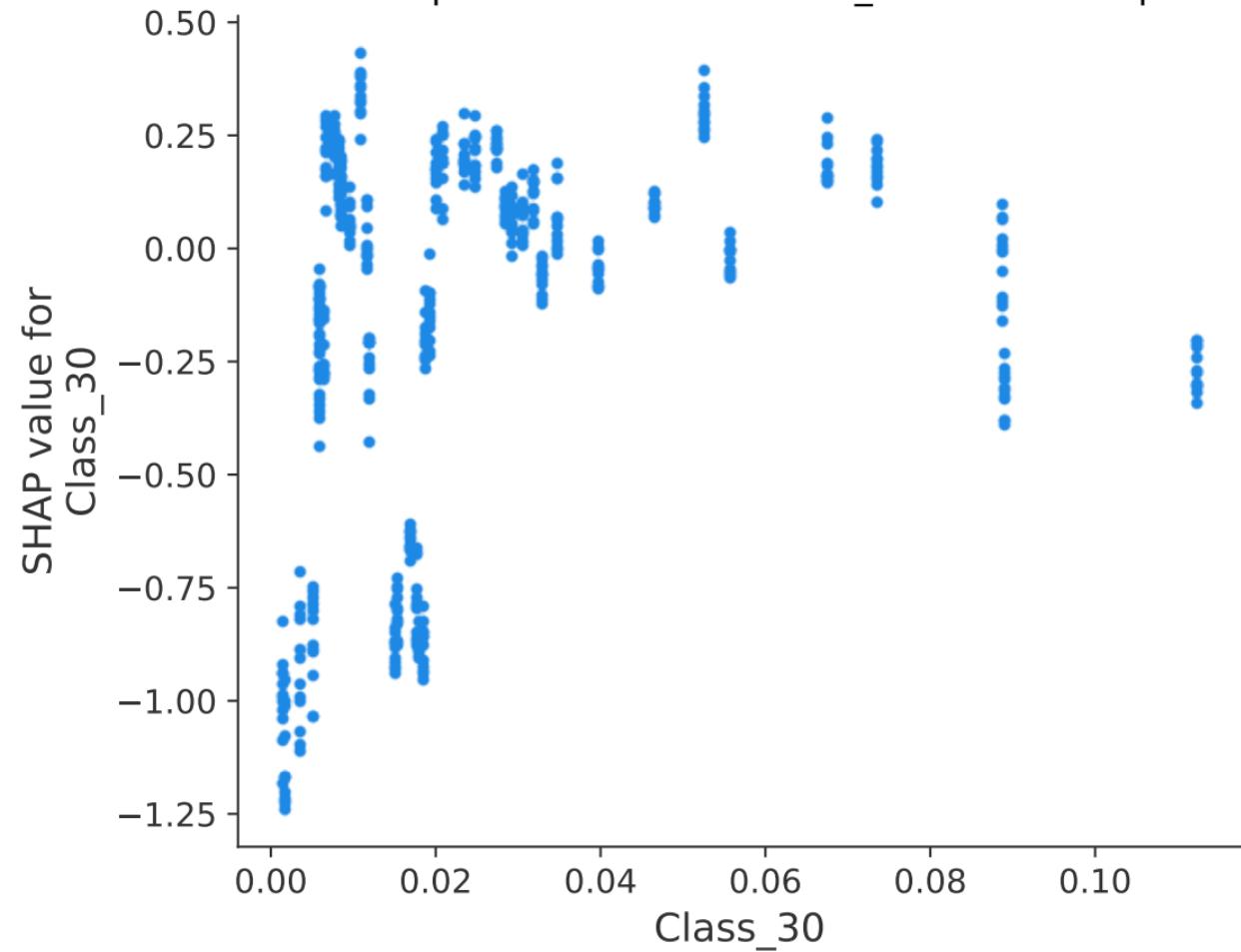
SHAP value (impact on model output)



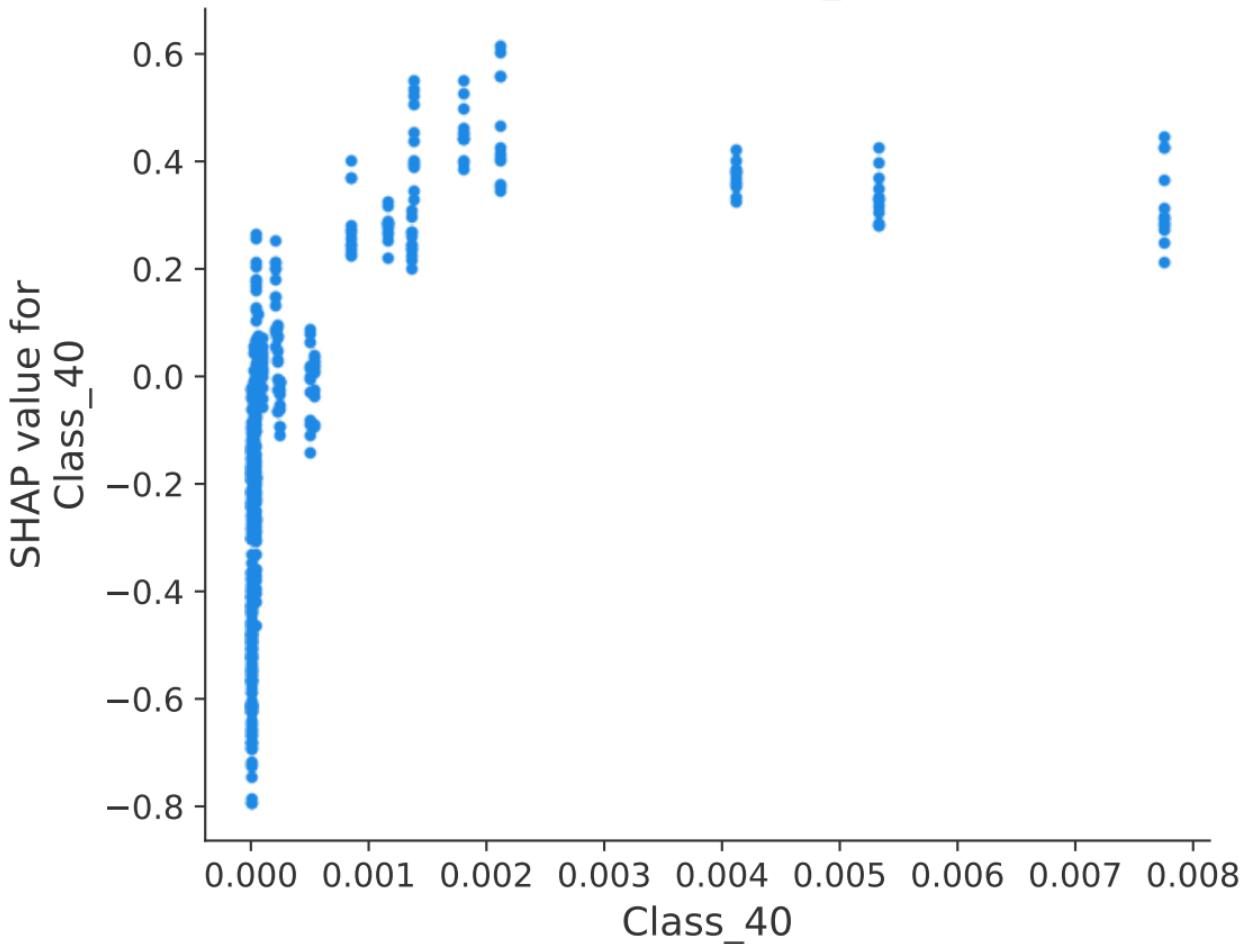
SHAP Dependence Plot for Class_50 - Maluku-Papua



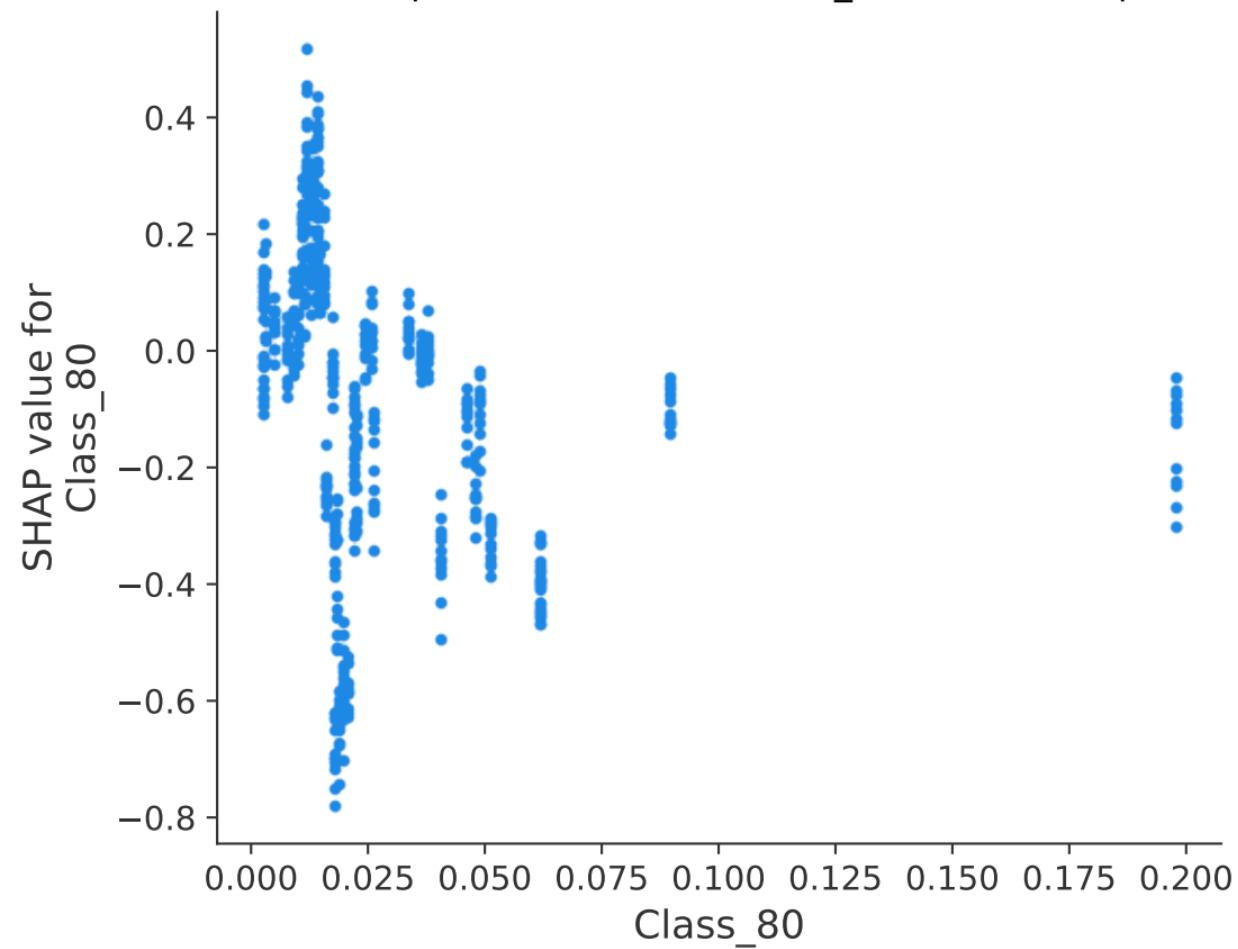
SHAP Dependence Plot for Class_30 - Maluku-Papua



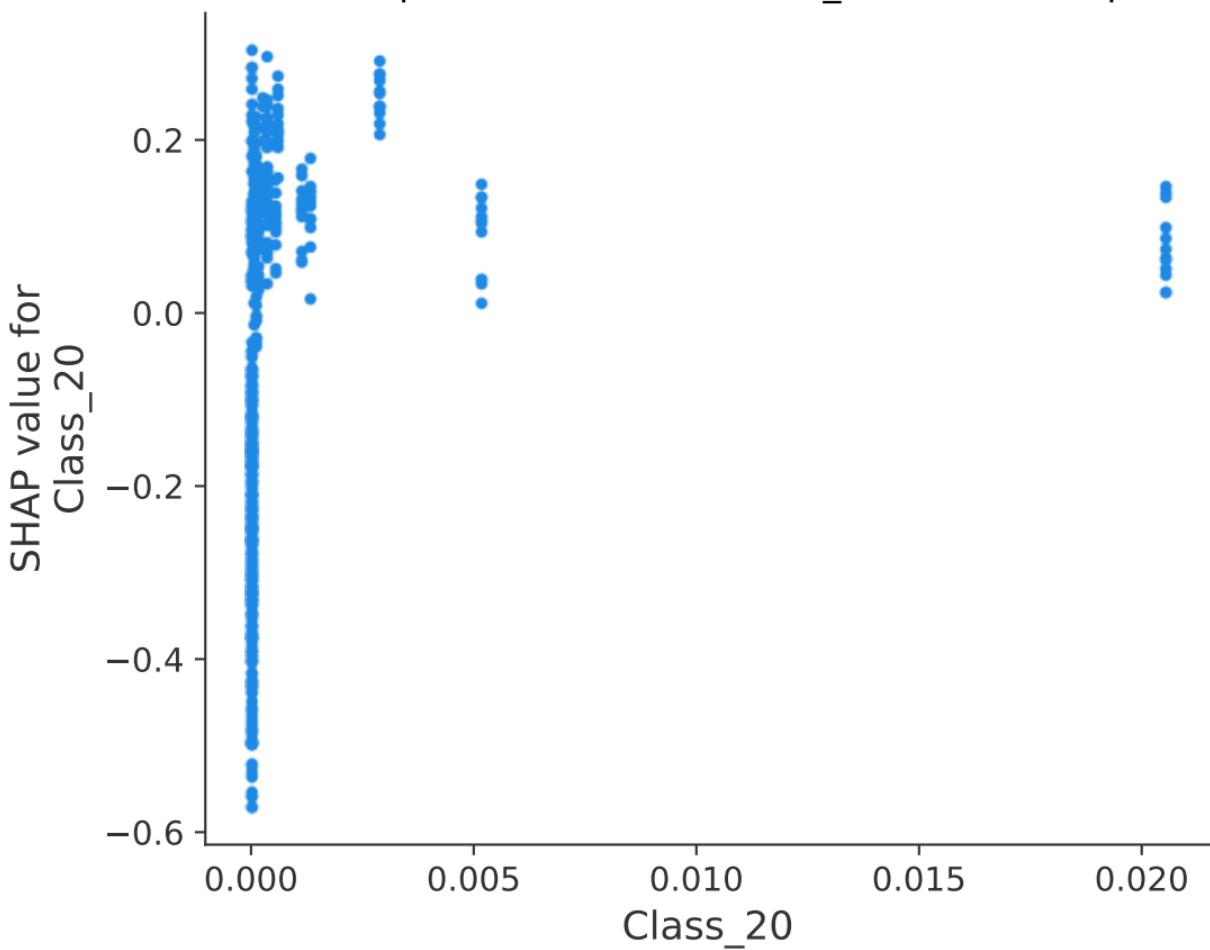
SHAP Dependence Plot for Class_40 - Maluku-Papua



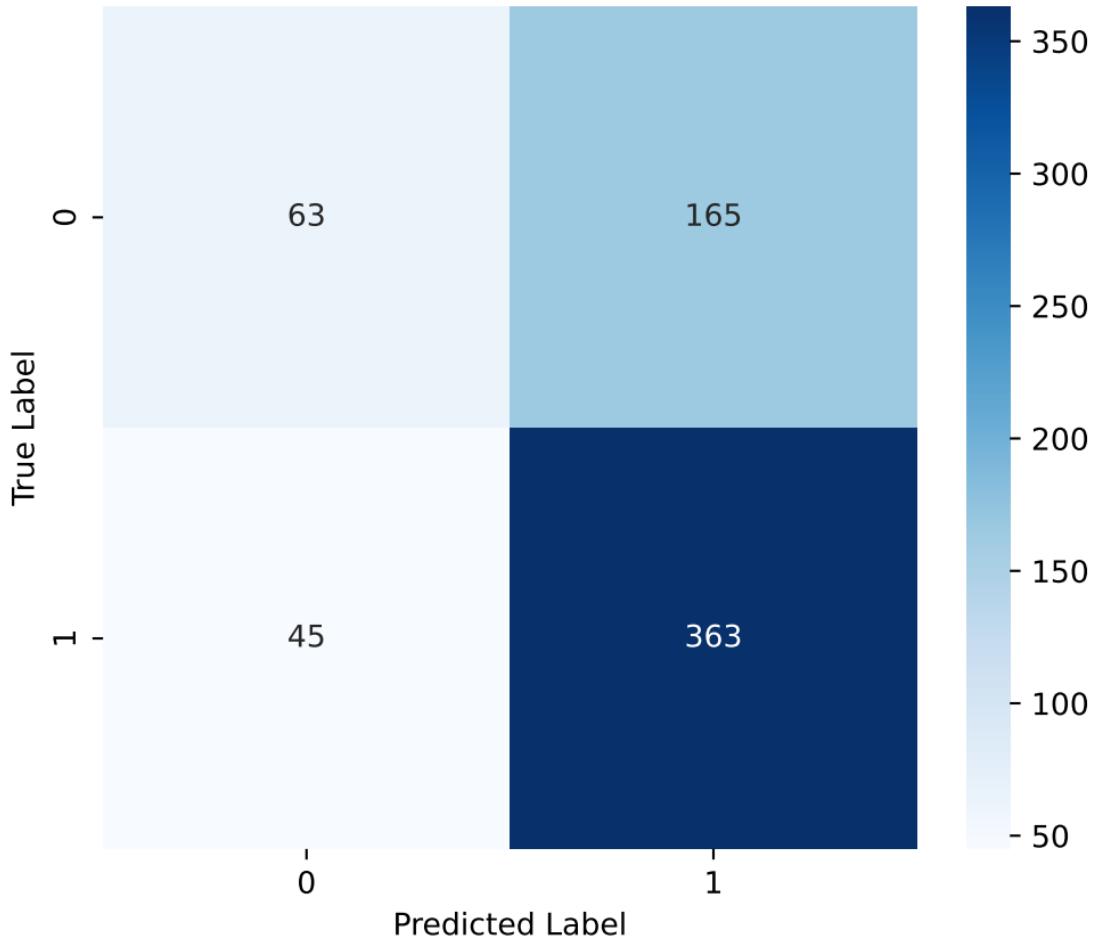
SHAP Dependence Plot for Class_80 - Maluku-Papua



SHAP Dependence Plot for Class_20 - Maluku-Papua



Confusion Matrix - Kalimantan



SHAP Beeswarm Plot for Class 0 - Kalimantan

High

Feature value

Low

Class_60

Class_50

Class_90

Class_30

temperature_2m_min_ANOM

ANOM4

ANOM3

Class_95

ANOM1+2

Class_40

evaporative_stress_index_lag3

DMI_lag1

DMI_lag3

total_evaporation_sum_lag3

Class_20

temperature_2m_min_ANOM_lag2

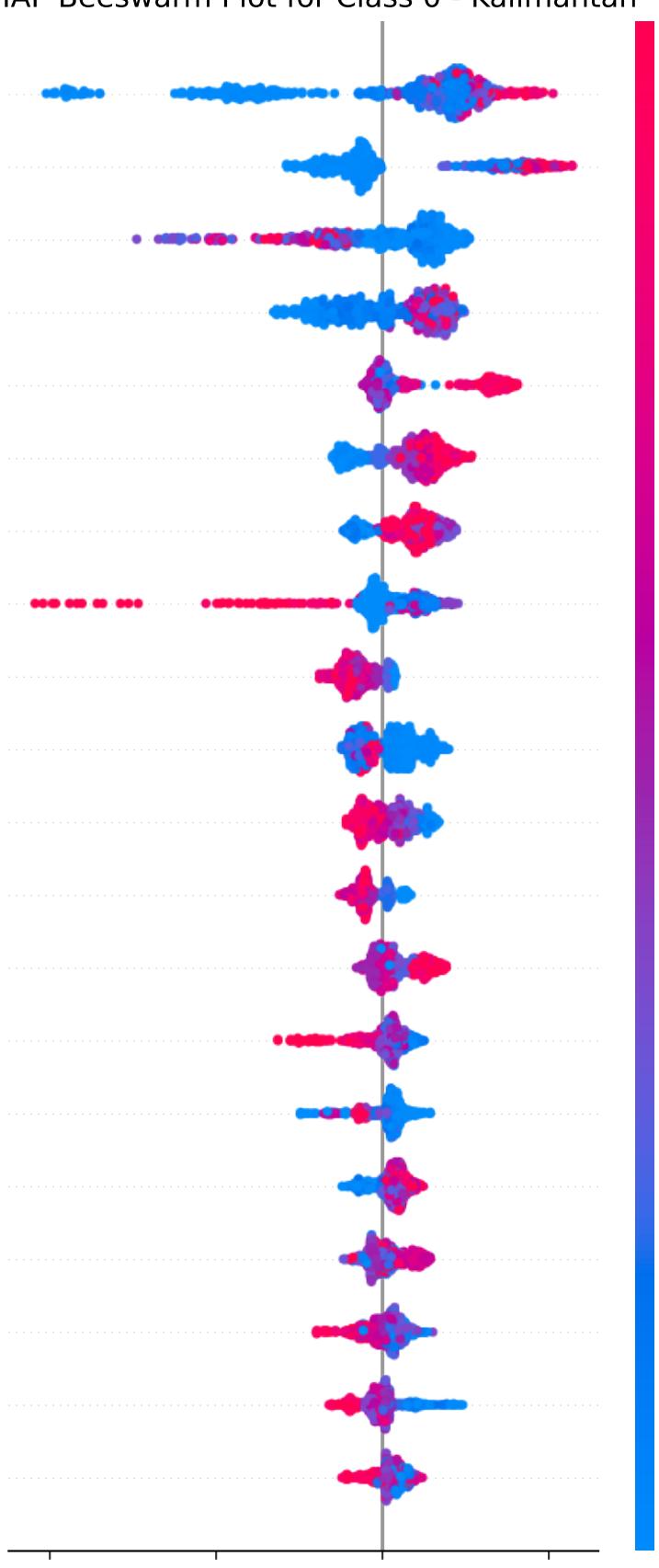
total_evaporation_sum_ANOM_lag3

total_evaporation_sum_lag2

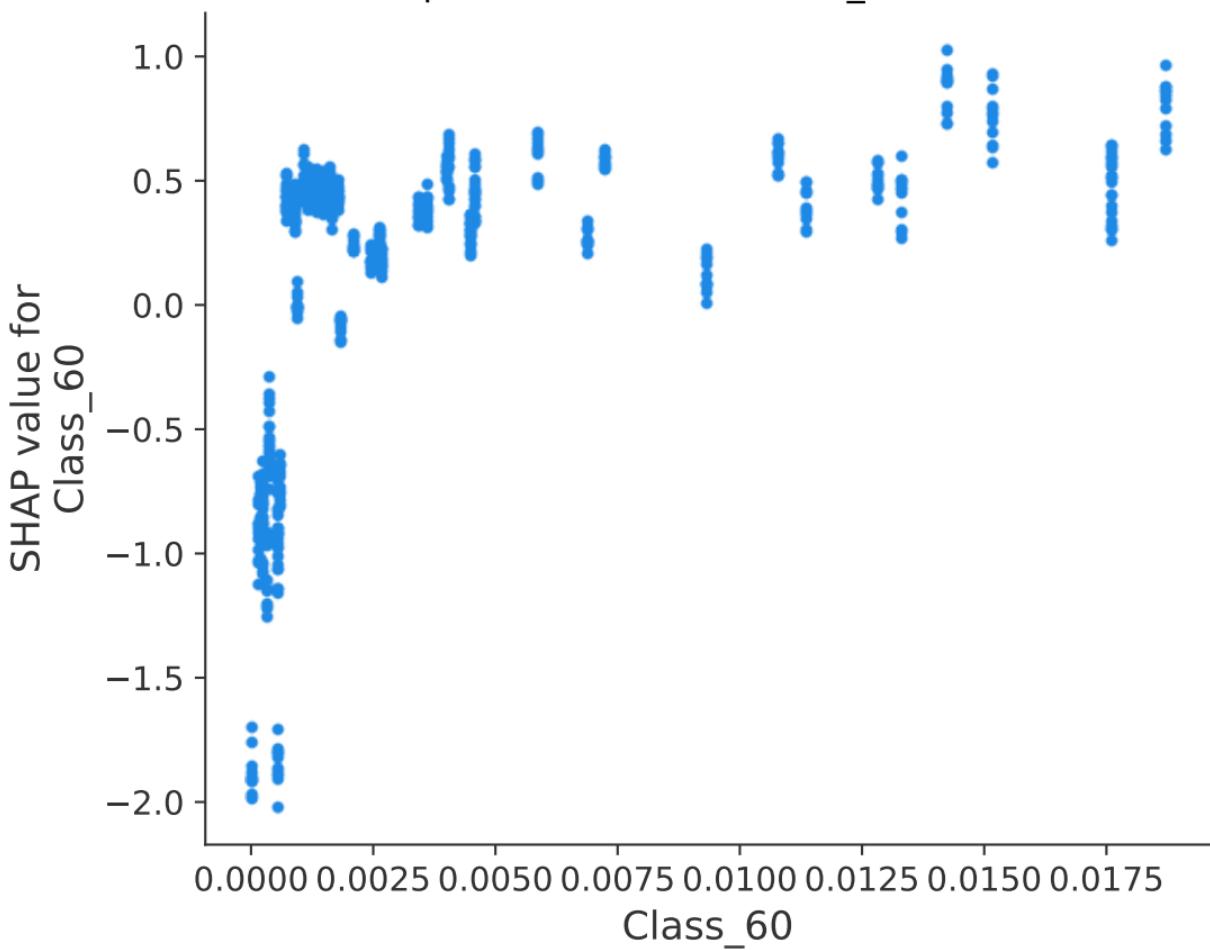
temperature_2m_lag2

ANOM3.4_lag3

SHAP value (impact on model output)



SHAP Dependence Plot for Class_60 - Kalimantan



SHAP Dependence Plot for Class_50 - Kalimantan

SHAP value for
Class_50

1.00

0.75

0.50

0.25

0.00

-0.25

-0.50

0.00

0.05

0.10

0.15

0.20

0.25

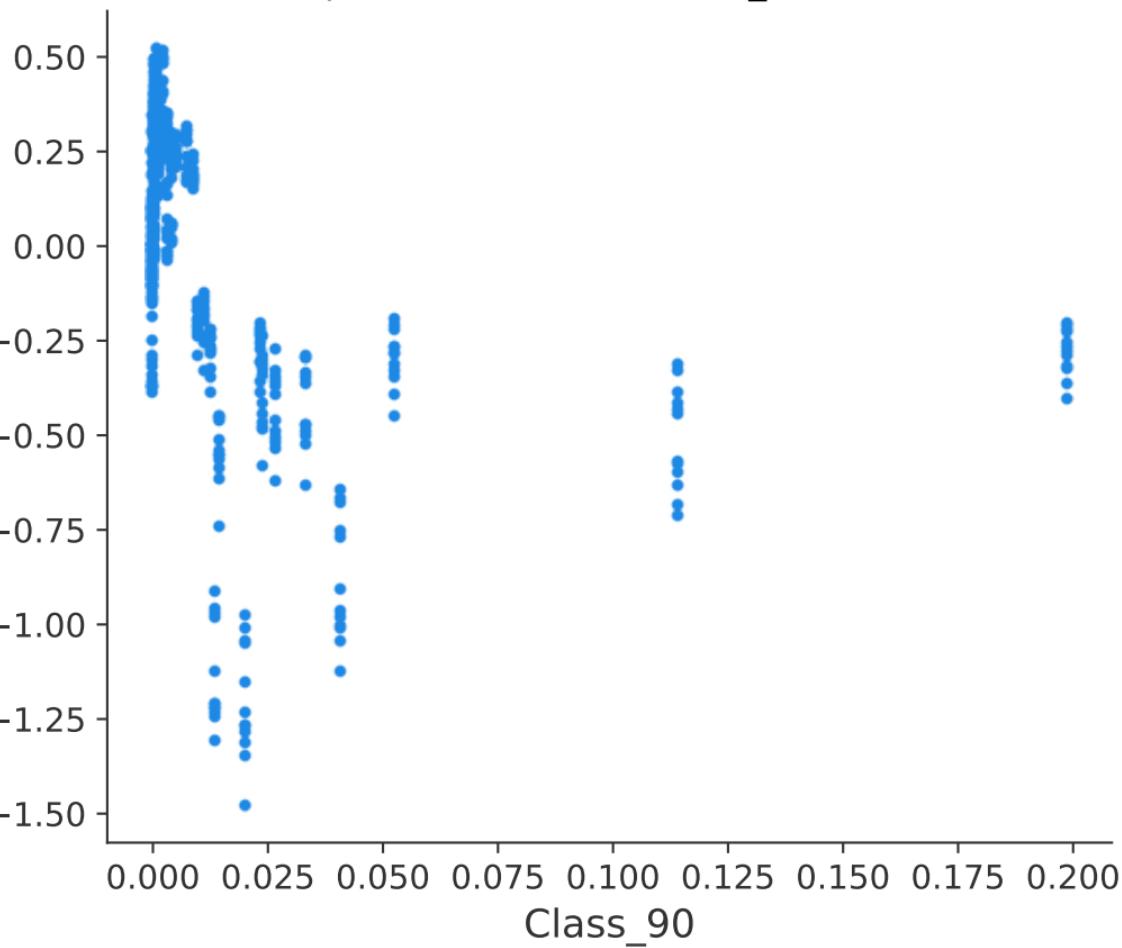
0.30

0.35

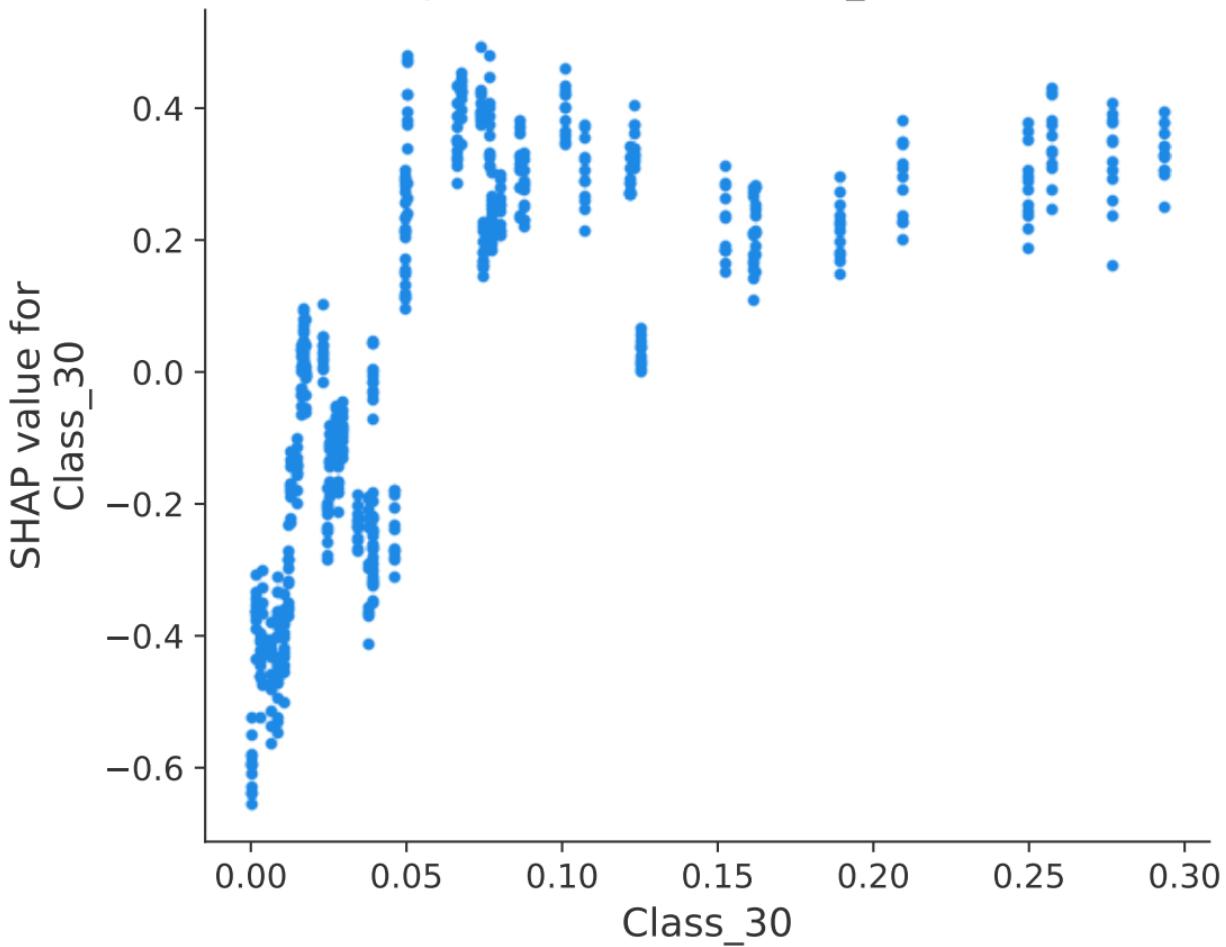
Class_50

SHAP Dependence Plot for Class_90 - Kalimantan

SHAP value for
Class_90



SHAP Dependence Plot for Class_30 - Kalimantan



SHAP Dependence Plot for temperature_2m_min_ANOM - Kalimantan

