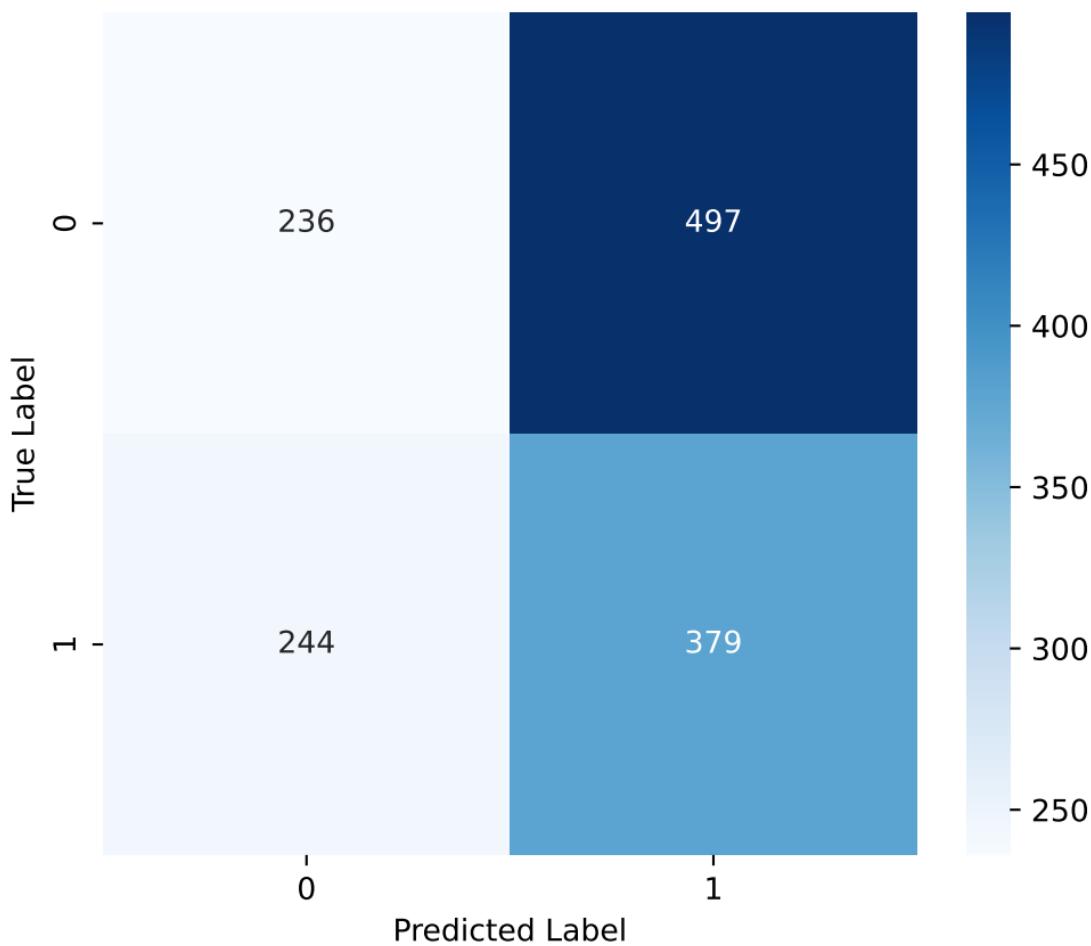


Confusion Matrix - Sumatra



SHAP Beeswarm Plot for Class 0 - Sumatra

High

temperature_2m_min_lag3

ANOM4

evaporative_stress_index

temperature_2m_max_lag3

temperature_2m_max

temperature_2m_max_lag2

temperature_2m_lag3

temperature_2m_max_lag1

precipitation_lag3

temperature_2m_min_lag1

evaporative_stress_index_lag2

temperature_2m_min_lag2

evaporative_stress_index_lag1

temperature_2m_lag2

temperature_2m_min

aridity_index_lag3

precipitation_ANOM_lag3

ANOM4_lag1

total_evaporation_sum_lag3

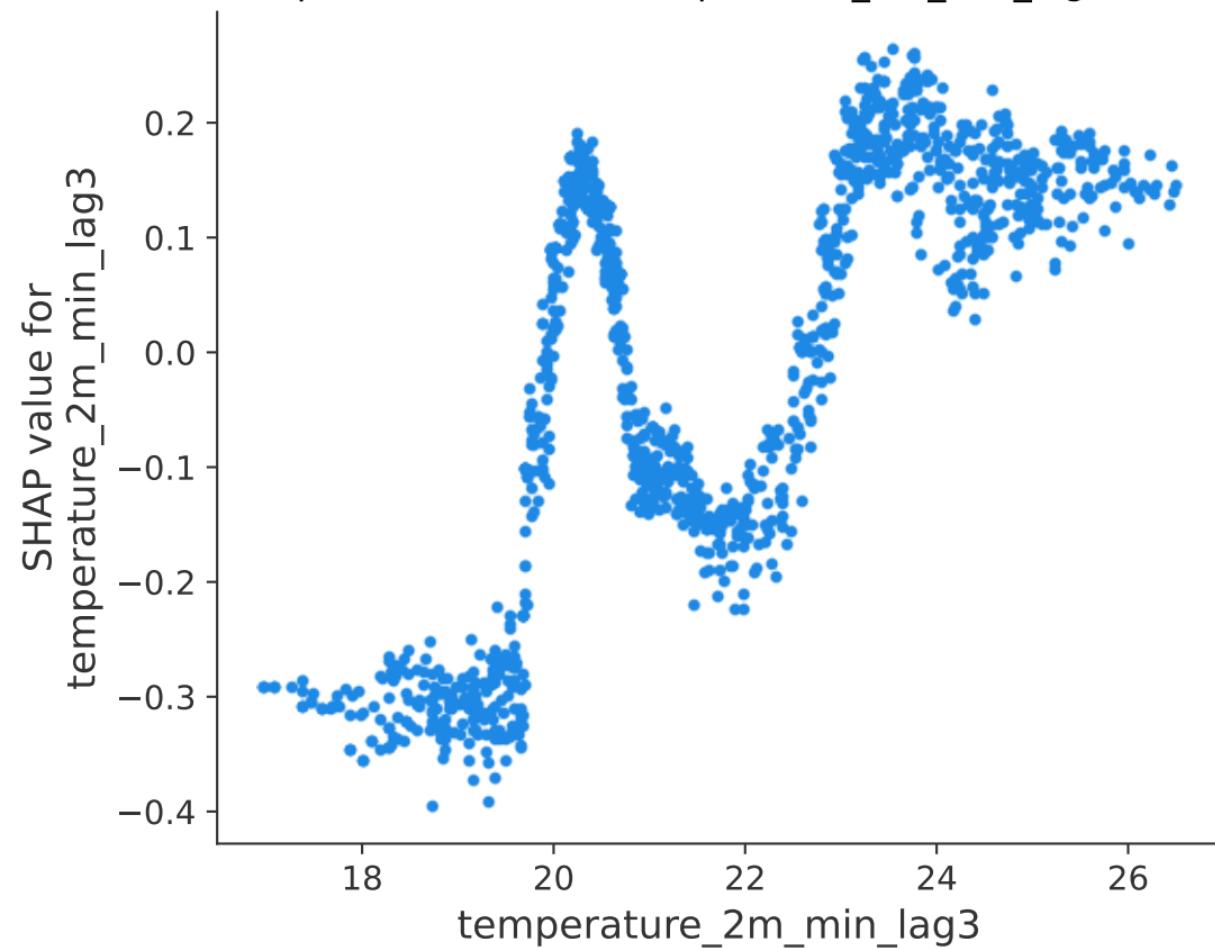
temperature_2m_lag1

Feature value

Low

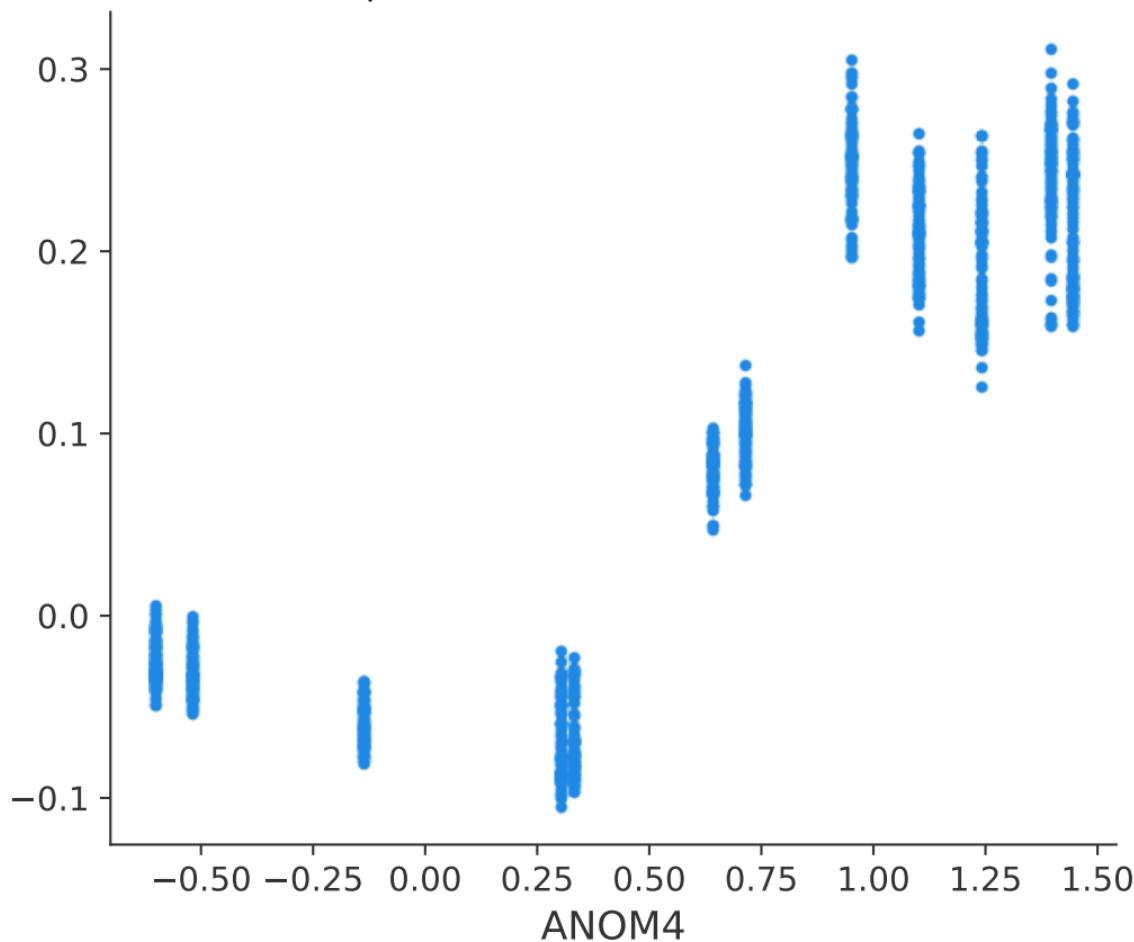
SHAP value (impact on model output)

SHAP Dependence Plot for temperature_2m_min_lag3 - Sumatra

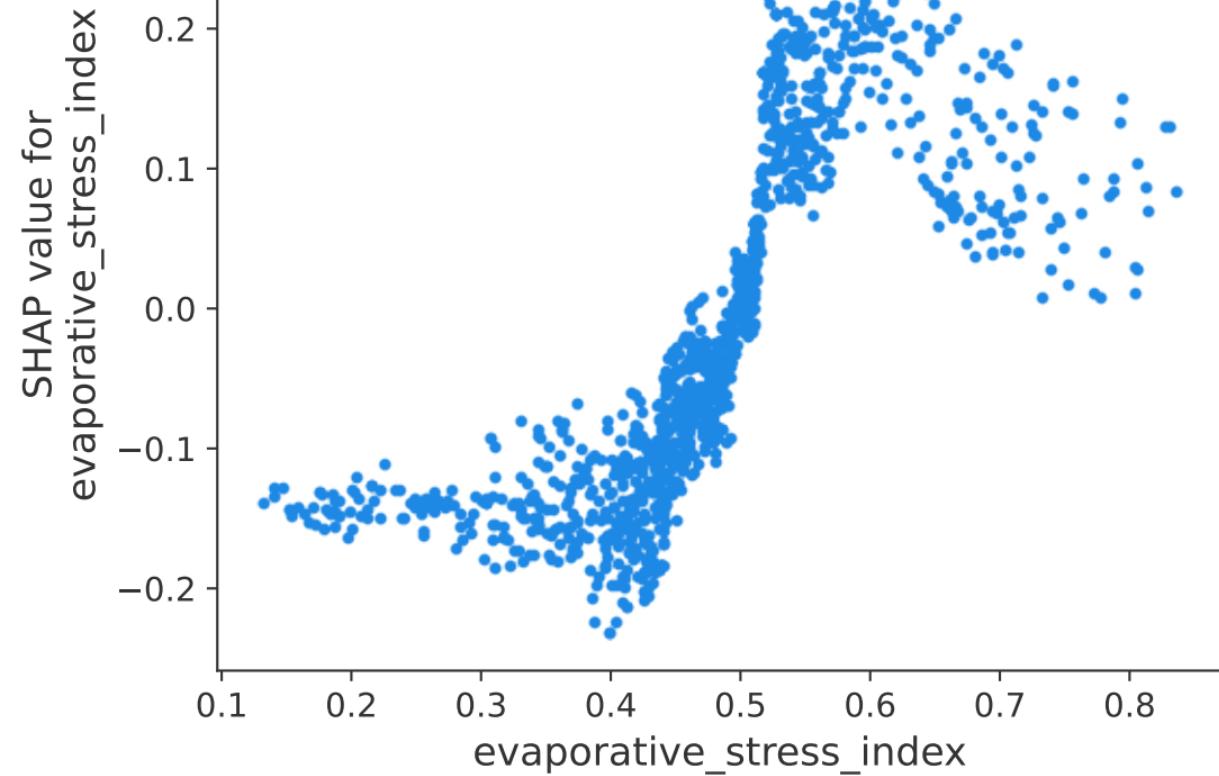


SHAP Dependence Plot for ANOM4 - Sumatra

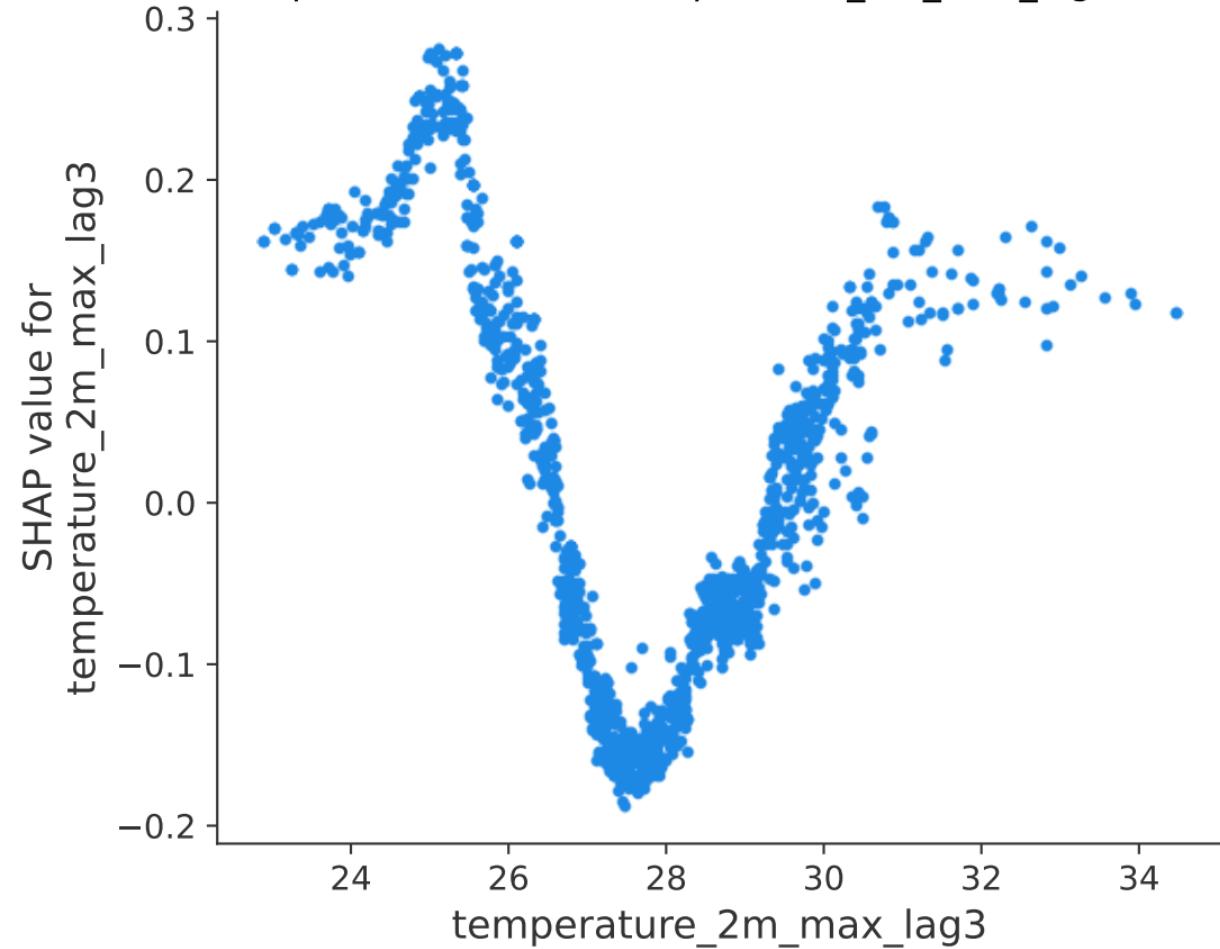
SHAP value for
ANOM4



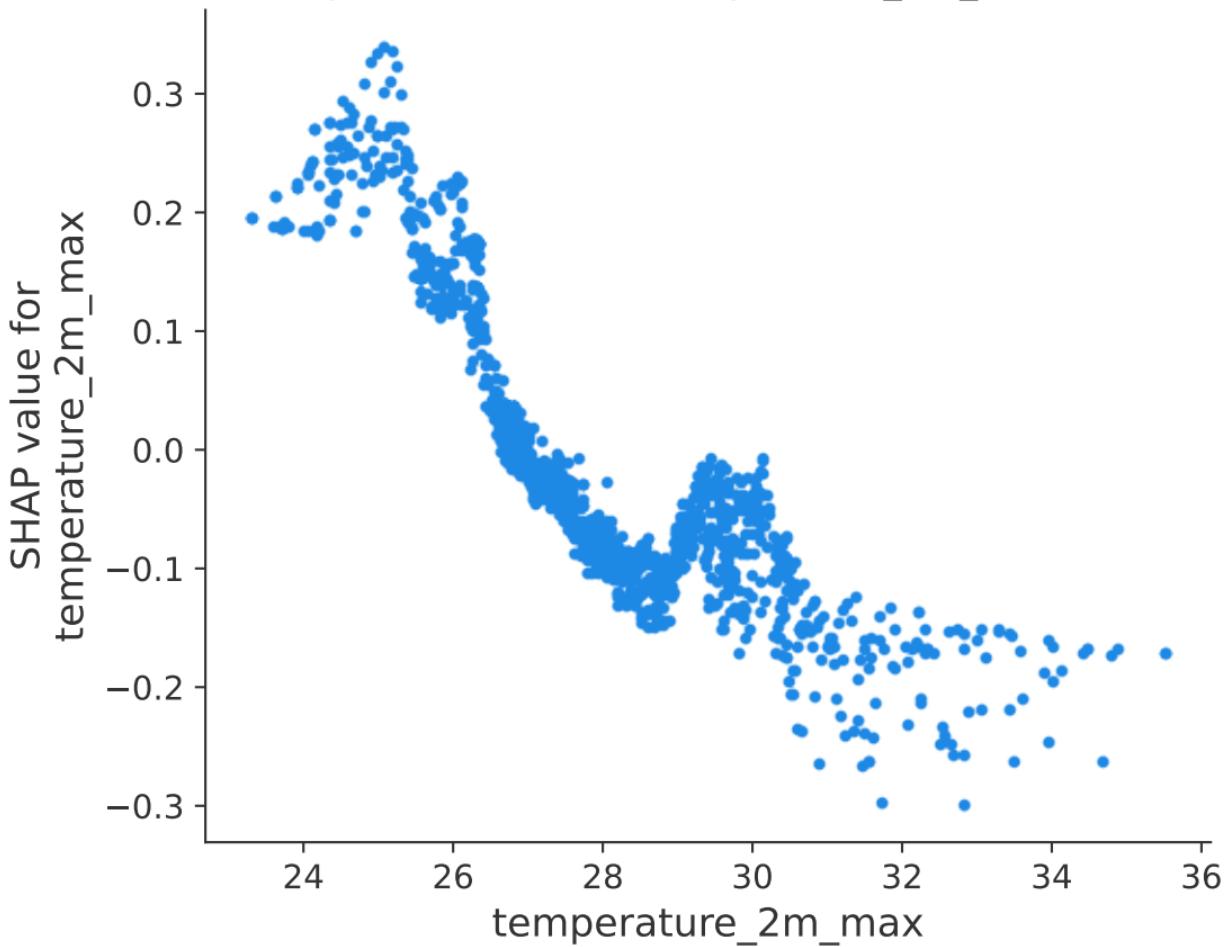
SHAP Dependence Plot for evaporative_stress_index - Sumatra



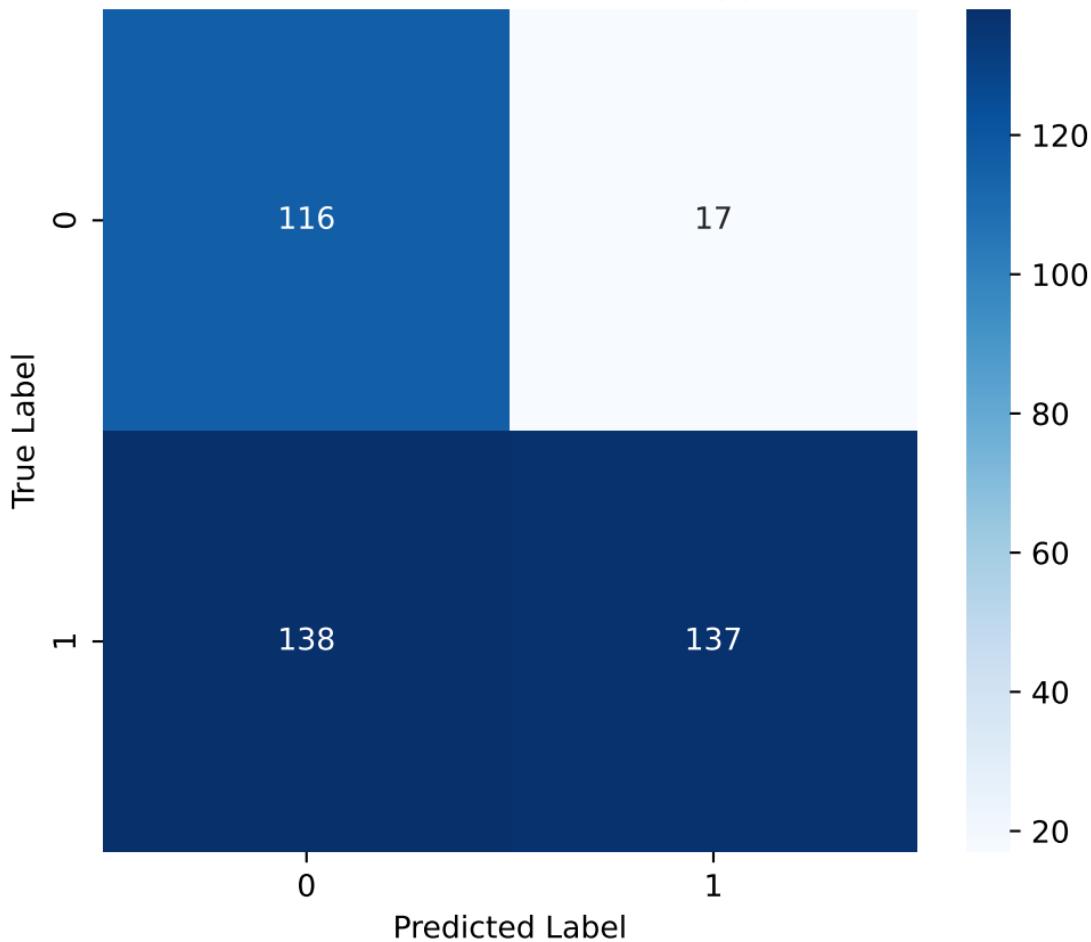
SHAP Dependence Plot for temperature_2m_max_lag3 - Sumatra



SHAP Dependence Plot for temperature_2m_max - Sumatra

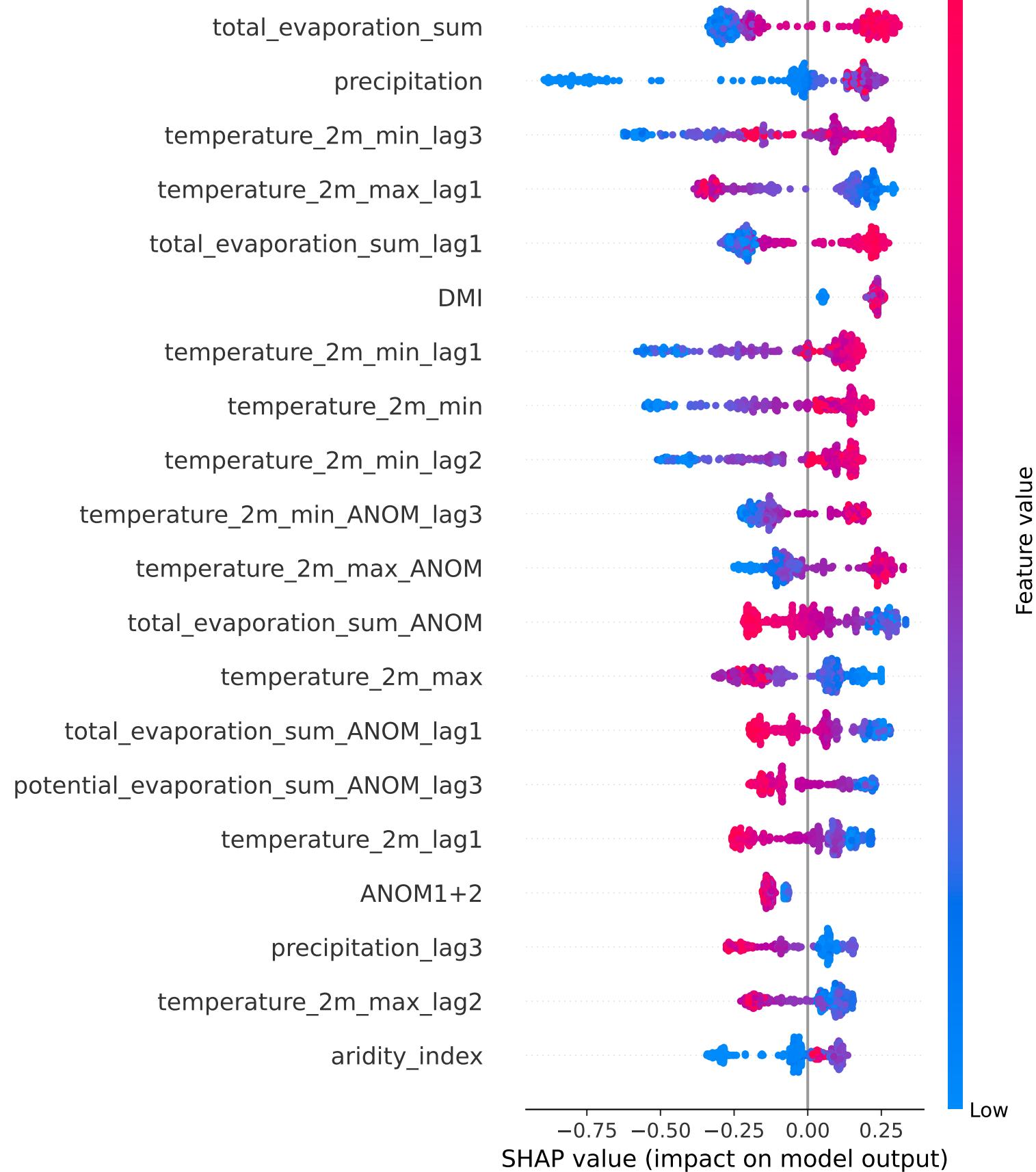


Confusion Matrix - Nusa Tenggara

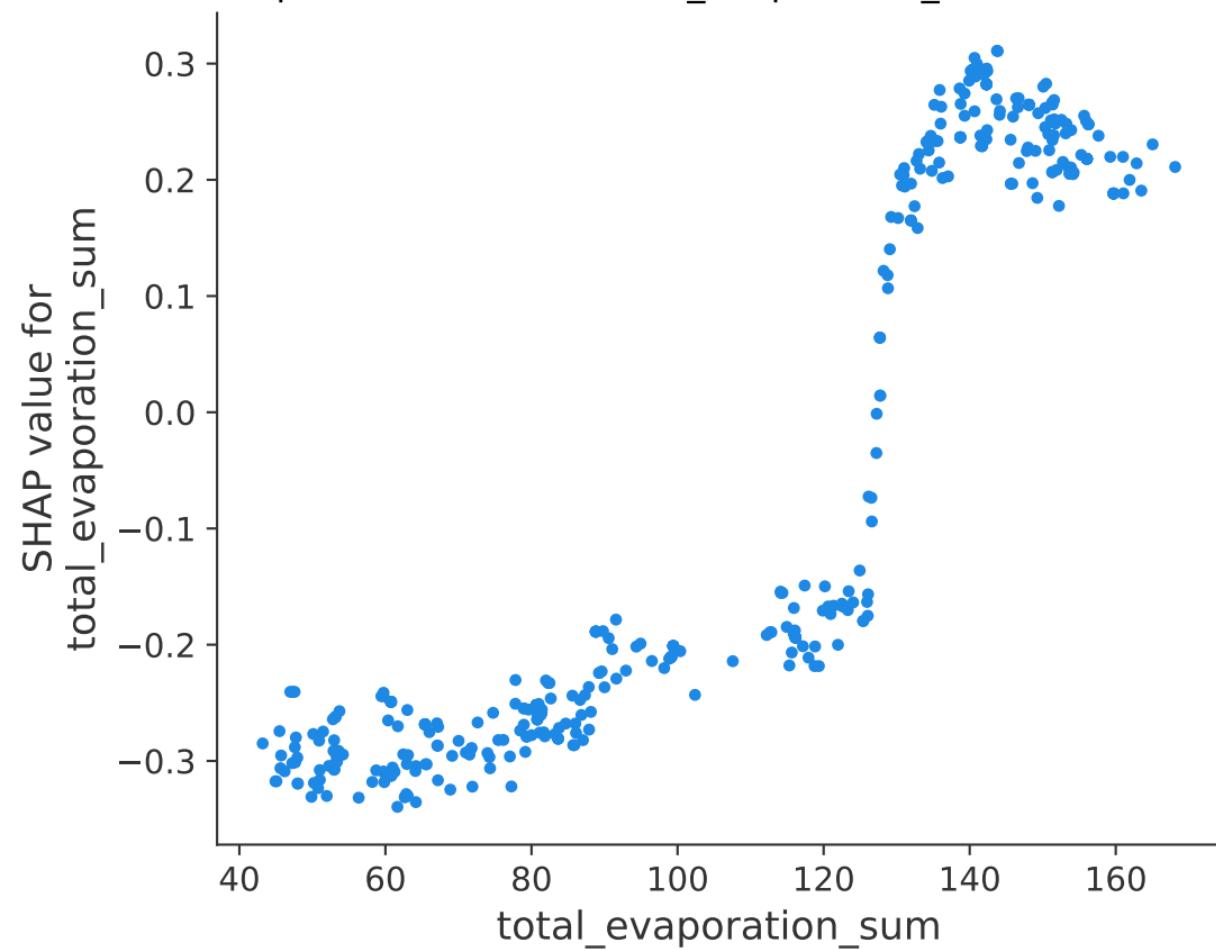


SHAP Beeswarm Plot for Class 0 - Nusa Tenggara

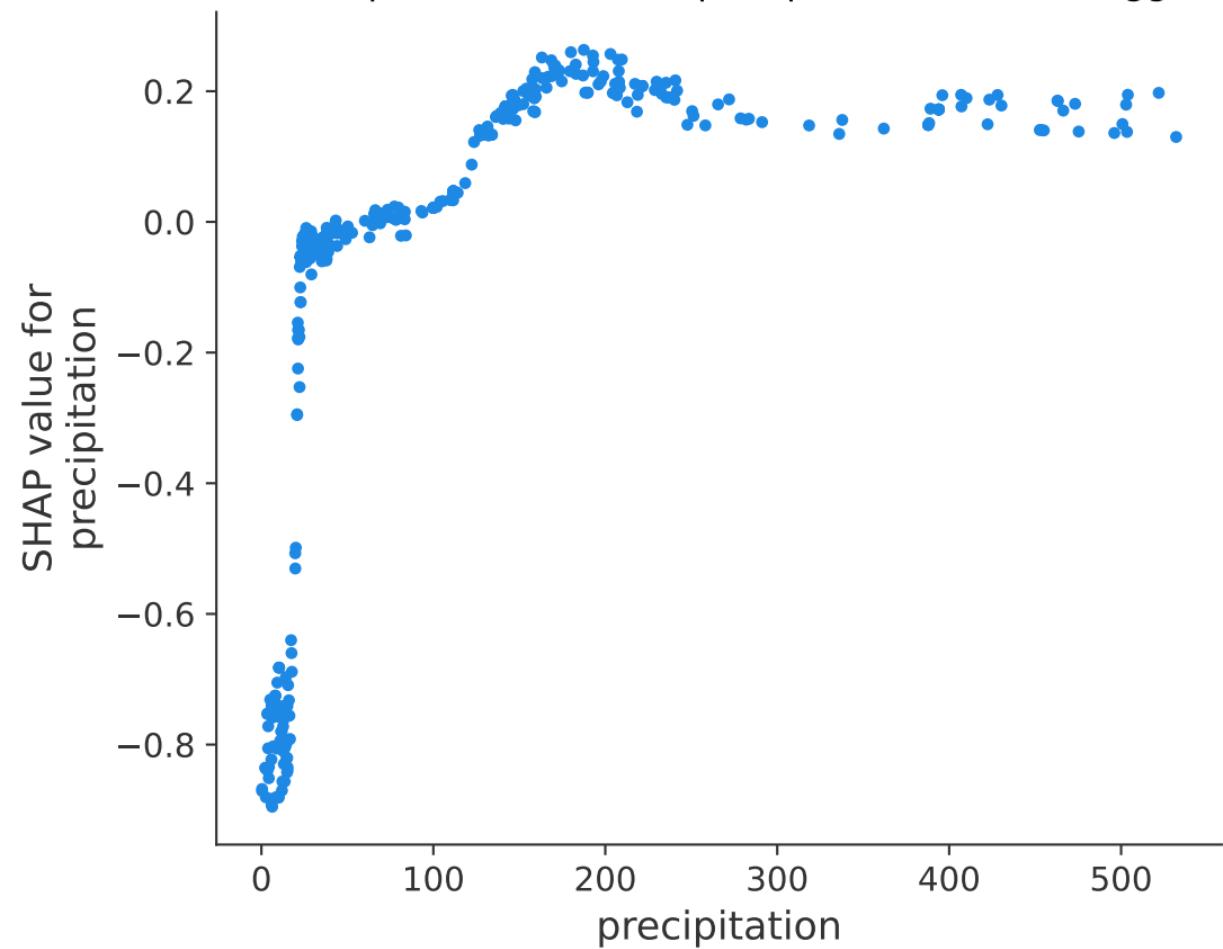
High



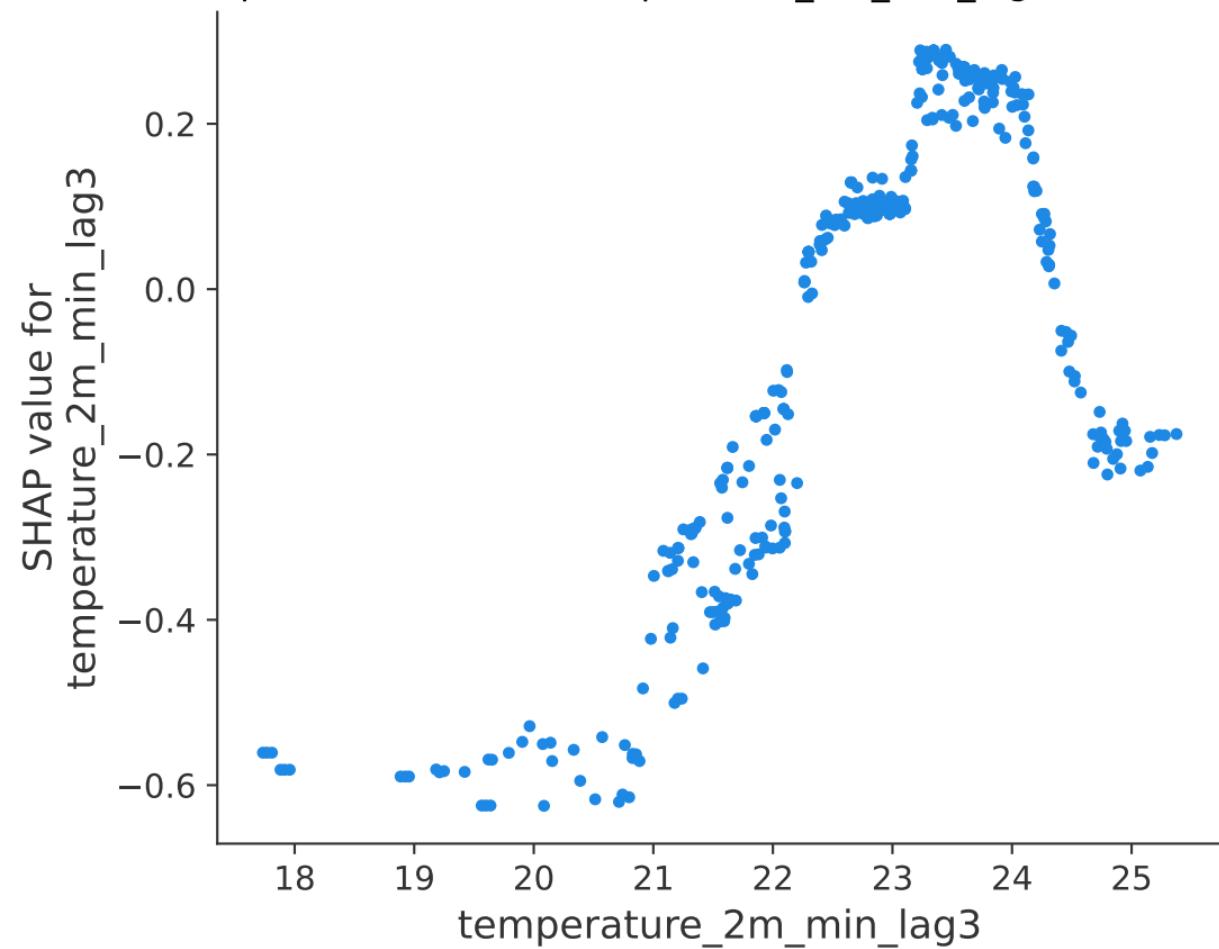
SHAP Dependence Plot for total_evaporation_sum - Nusa Tenggara



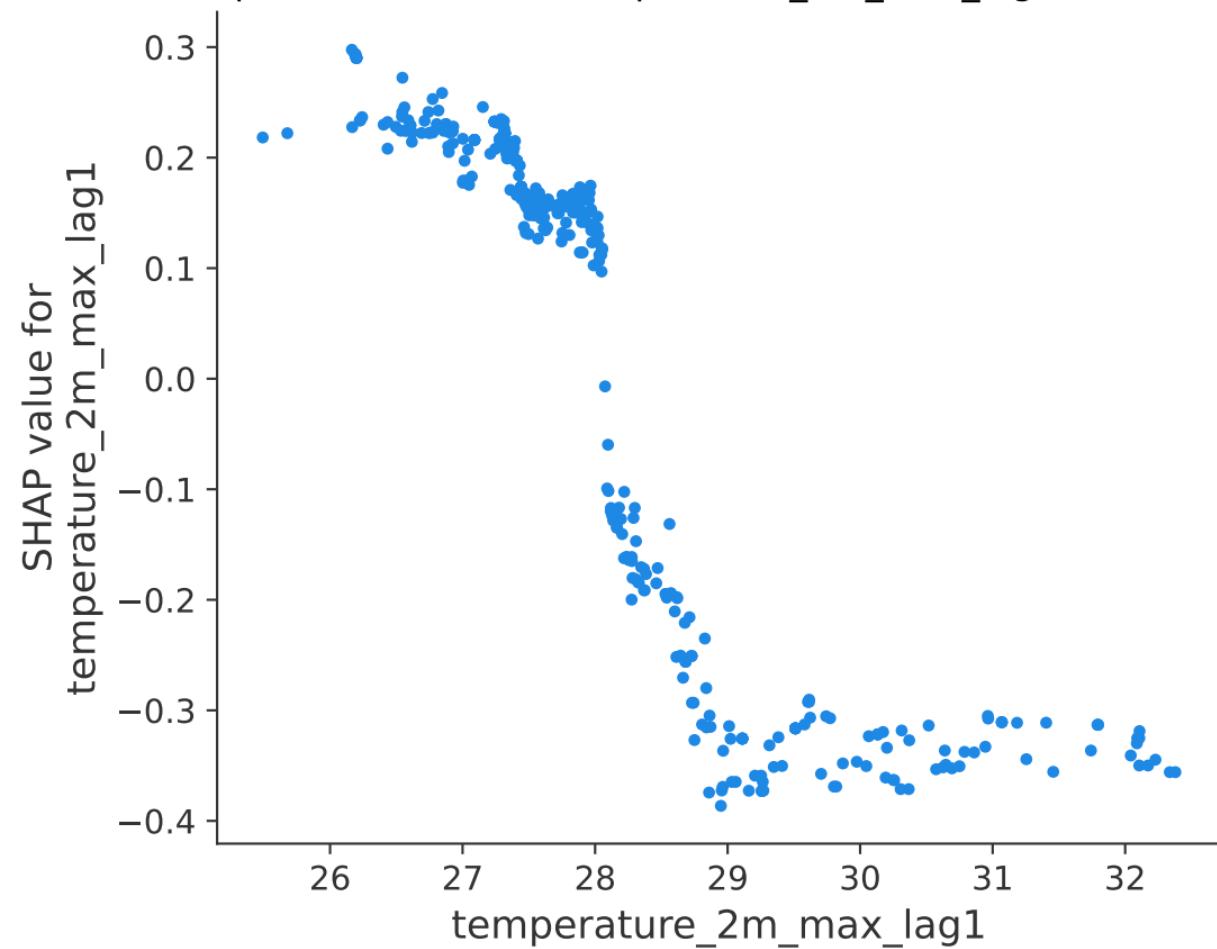
SHAP Dependence Plot for precipitation - Nusa Tenggara



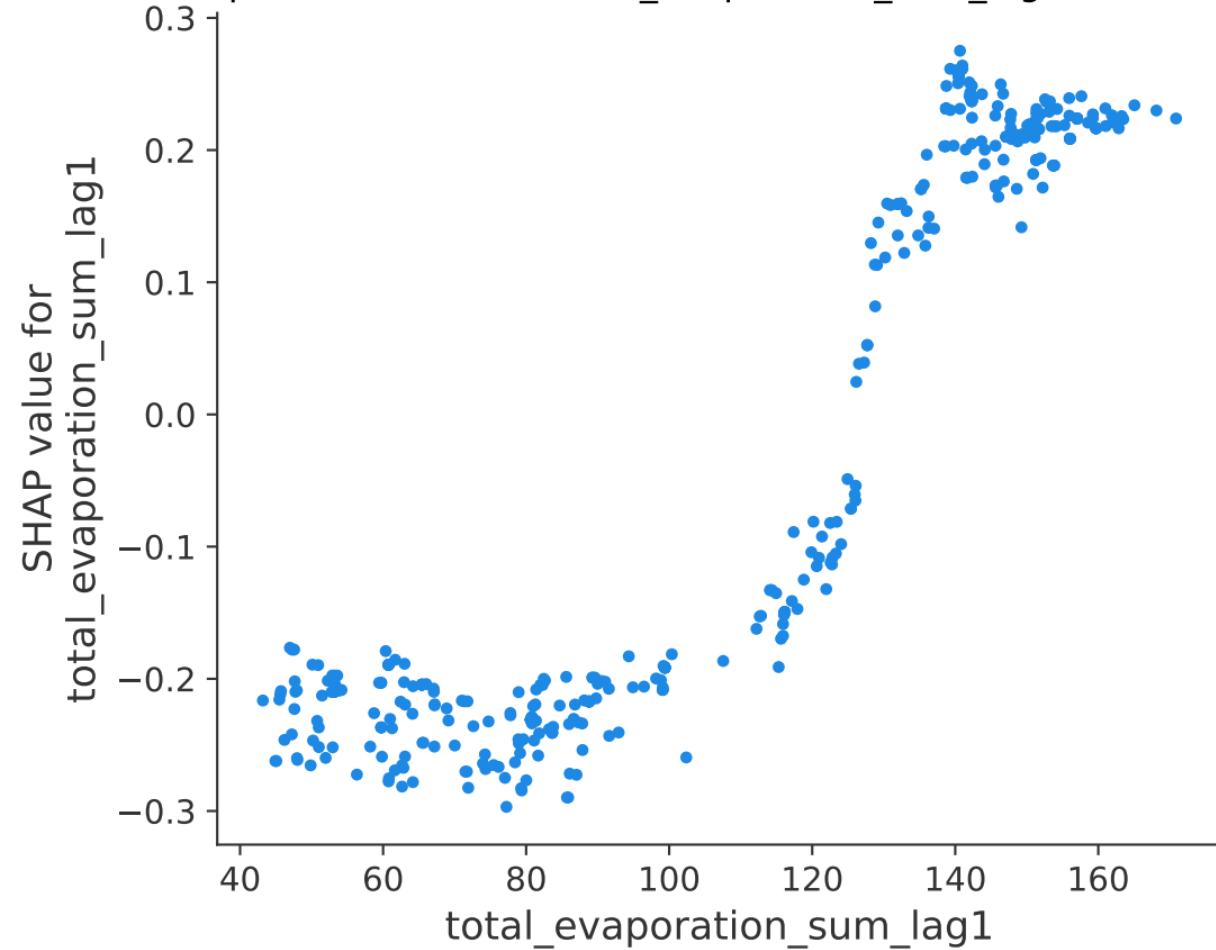
SHAP Dependence Plot for temperature_2m_min_lag3 - Nusa Tenggara



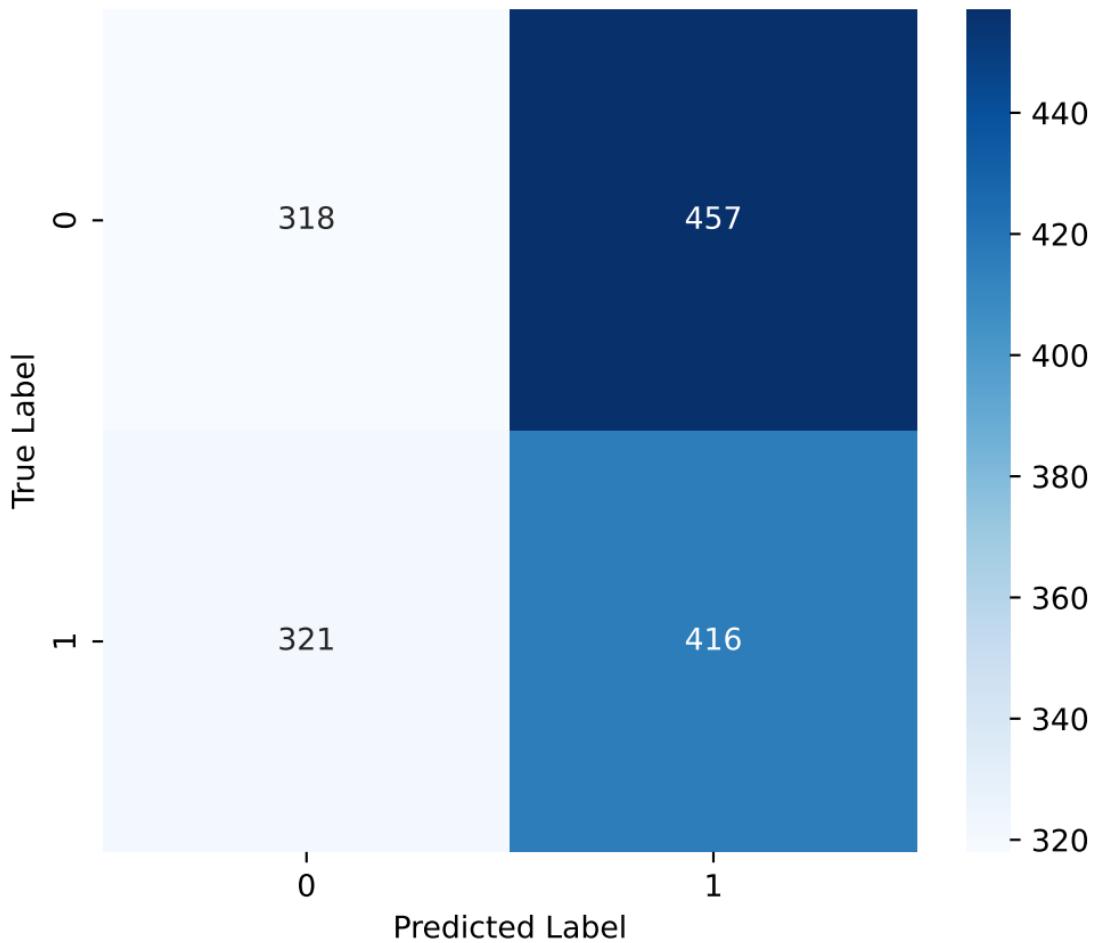
SHAP Dependence Plot for temperature_2m_max_lag1 - Nusa Tenggara



SHAP Dependence Plot for total_evaporation_sum_lag1 - Nusa Tenggara



Confusion Matrix - Java

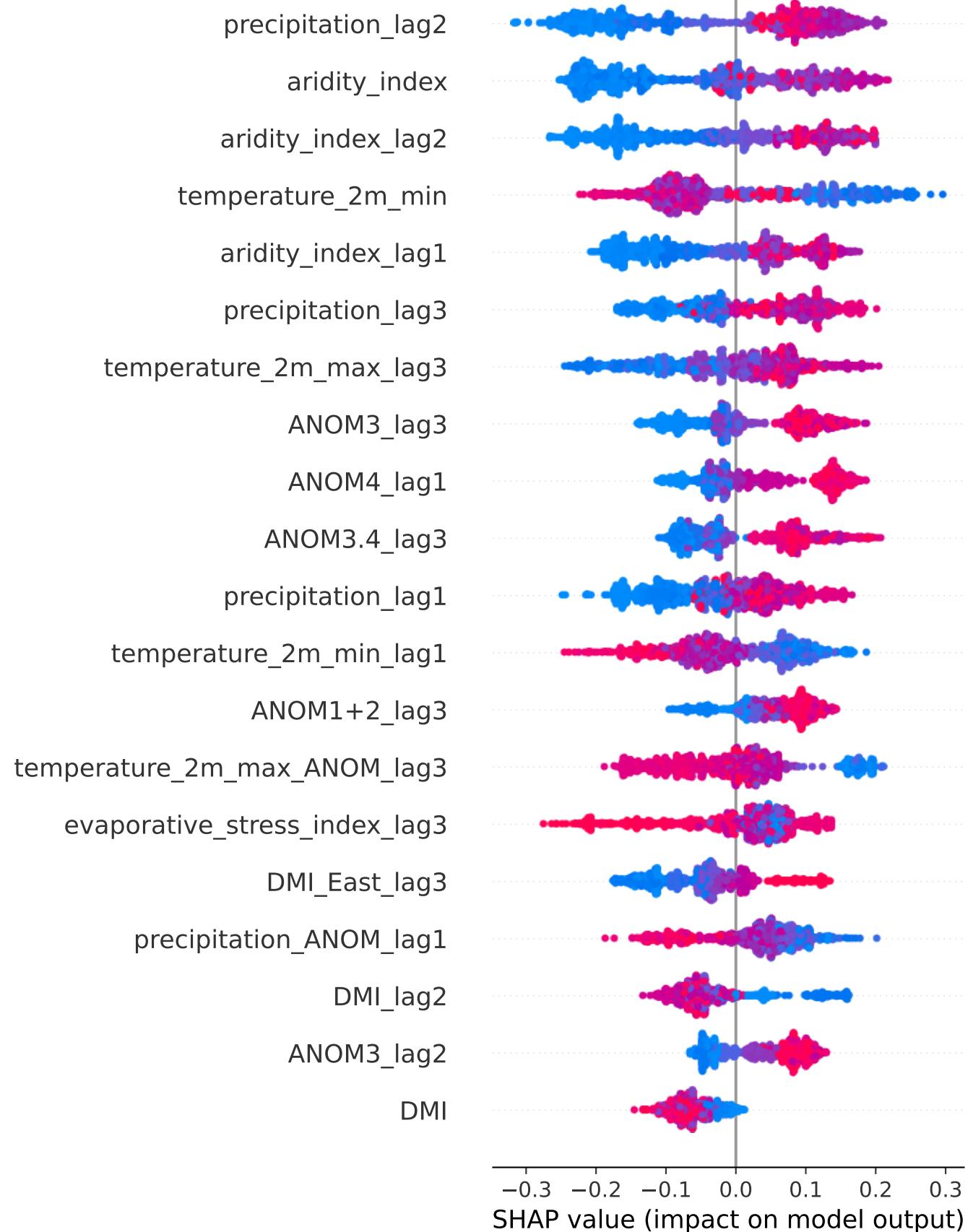


SHAP Beeswarm Plot for Class 0 - Java

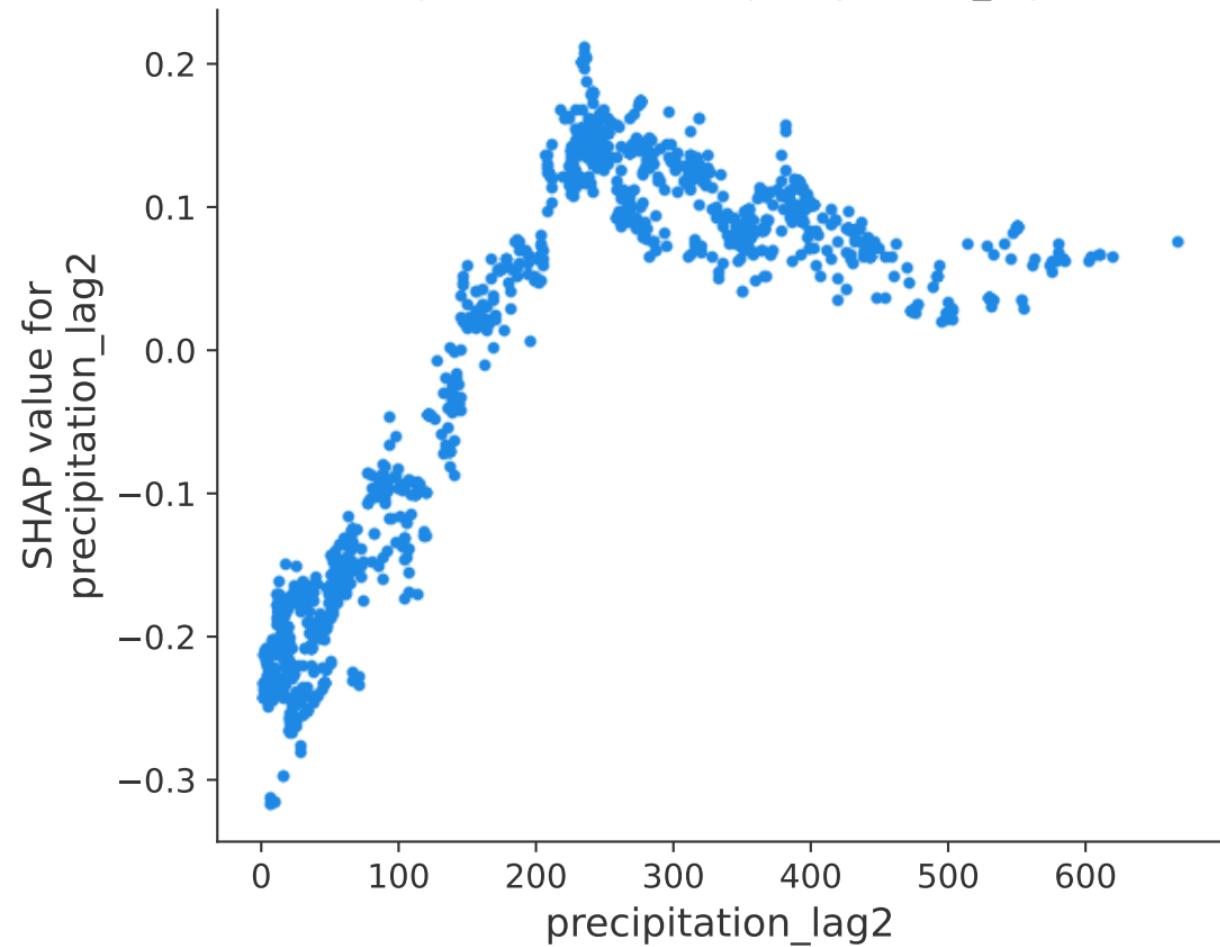
High

Feature value

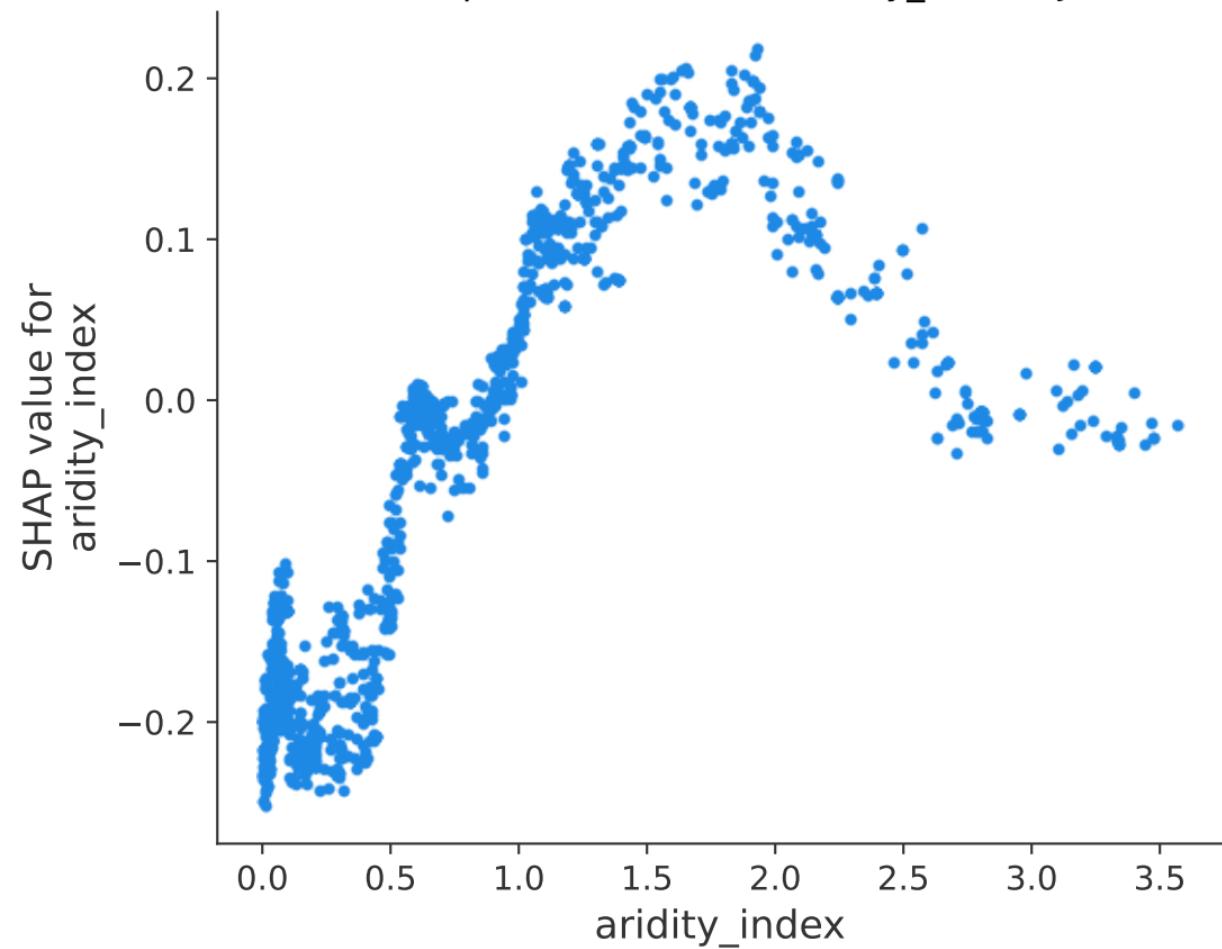
Low



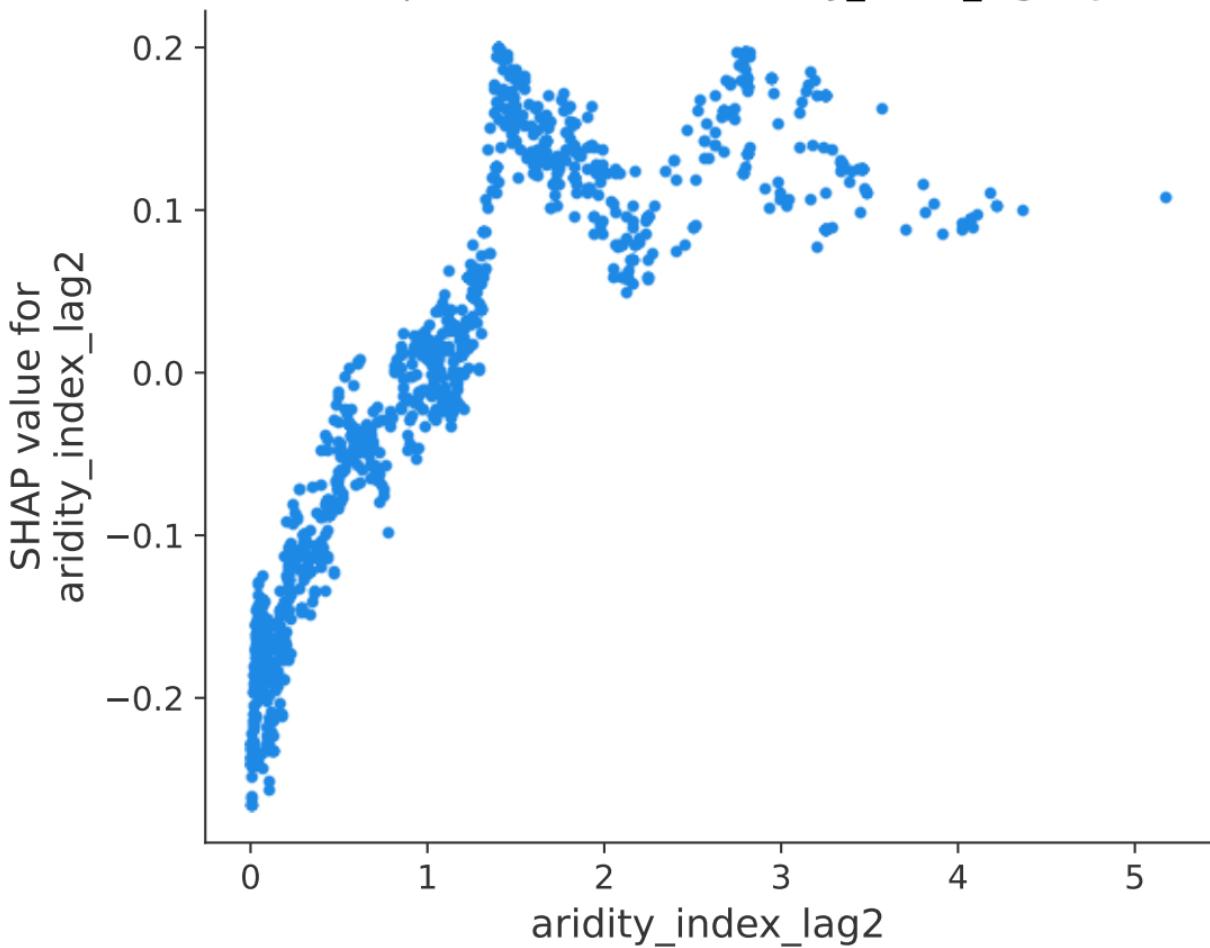
SHAP Dependence Plot for precipitation_lag2 - Java



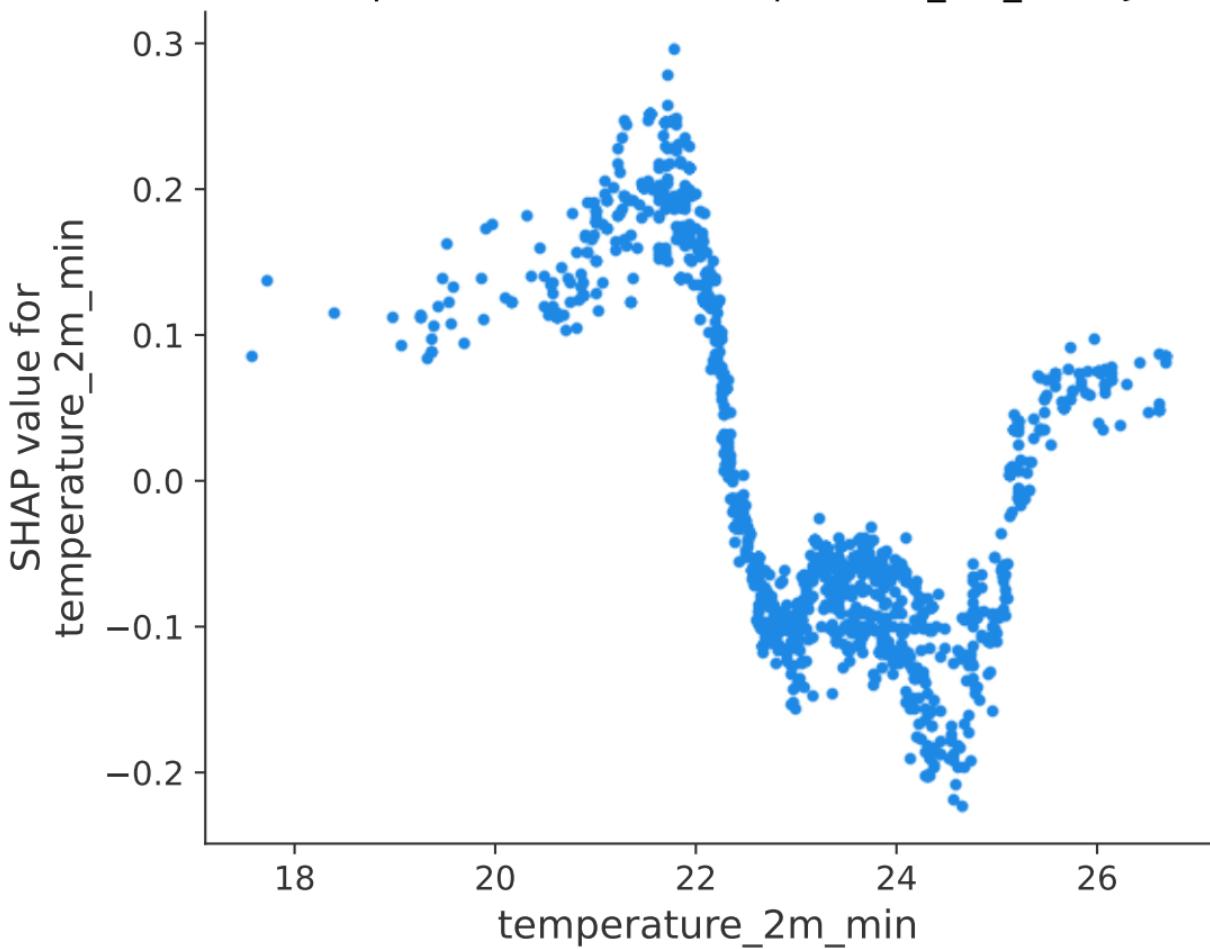
SHAP Dependence Plot for aridity_index - Java



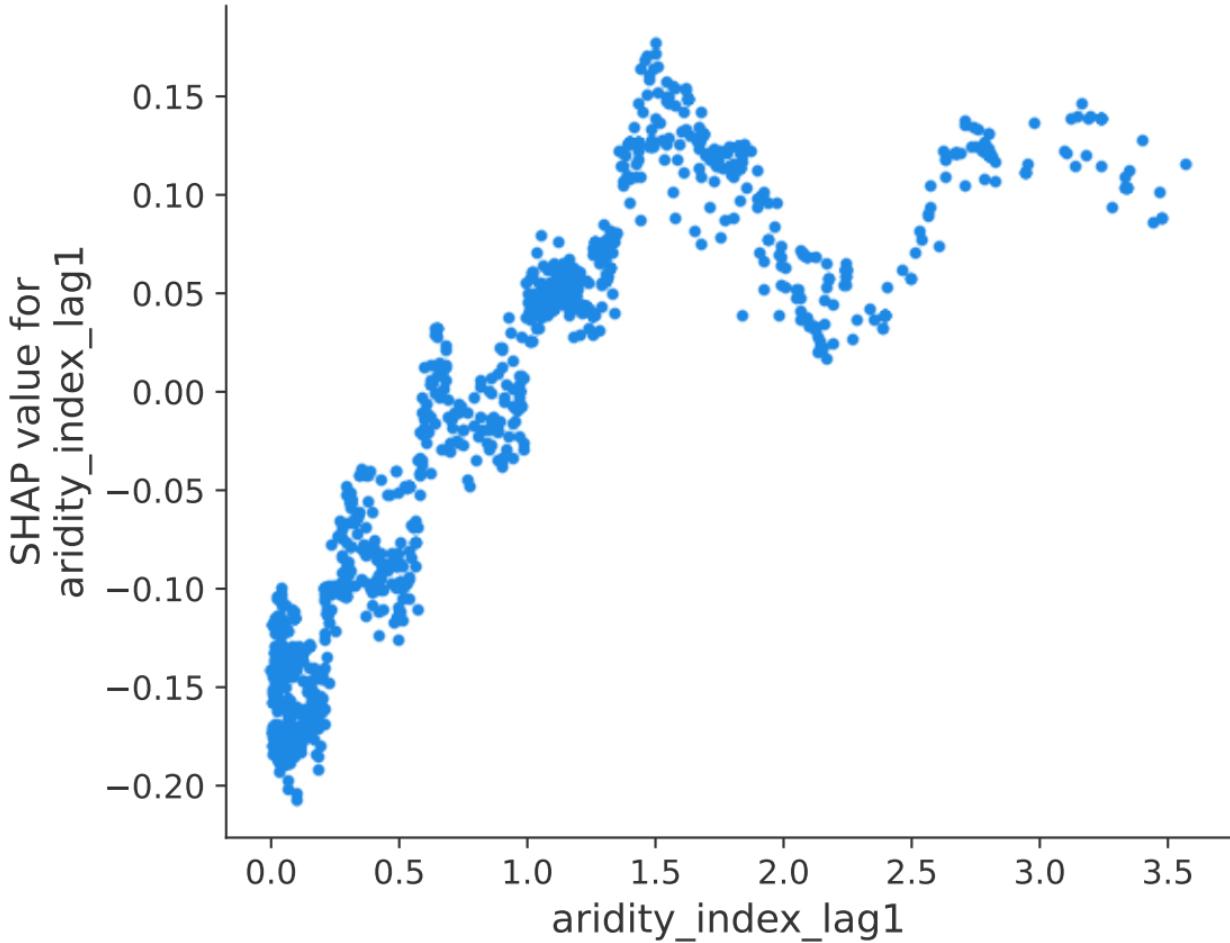
SHAP Dependence Plot for aridity_index_lag2 - Java



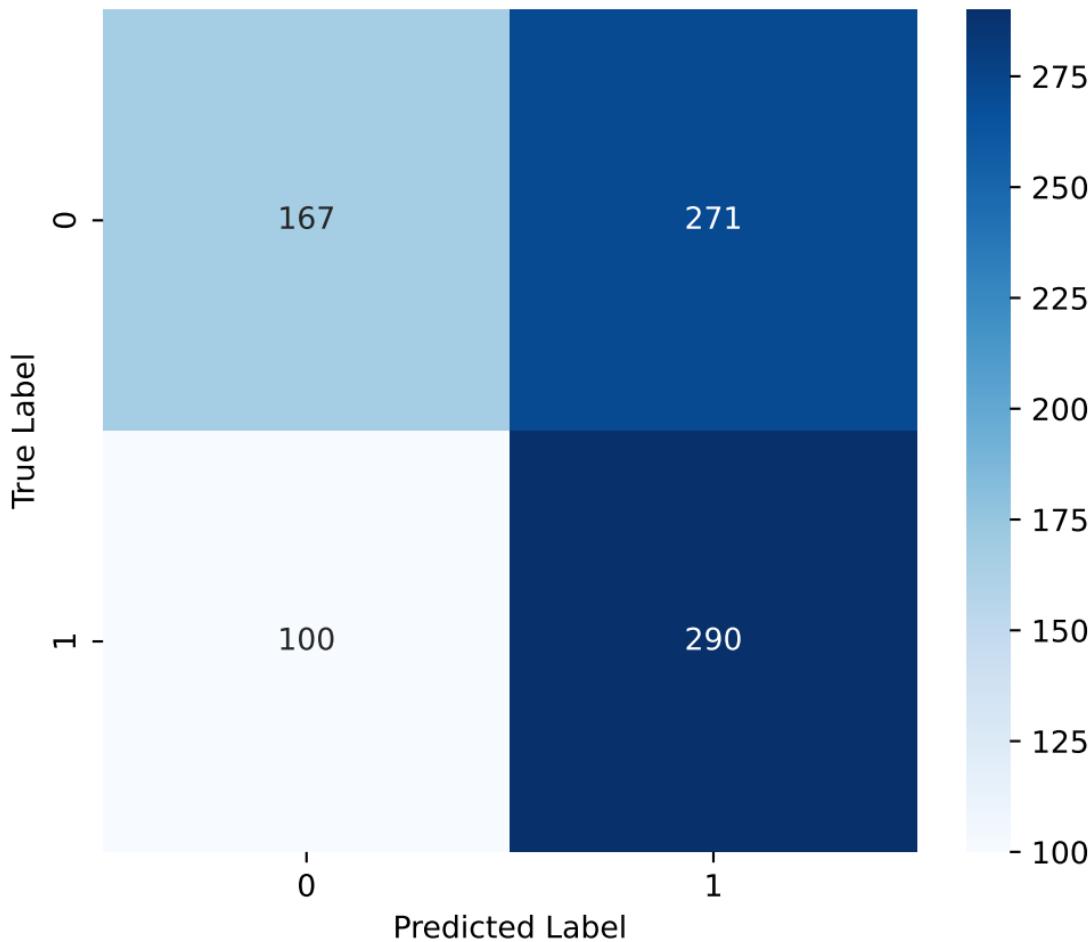
SHAP Dependence Plot for temperature_2m_min - Java



SHAP Dependence Plot for aridity_index_lag1 - Java

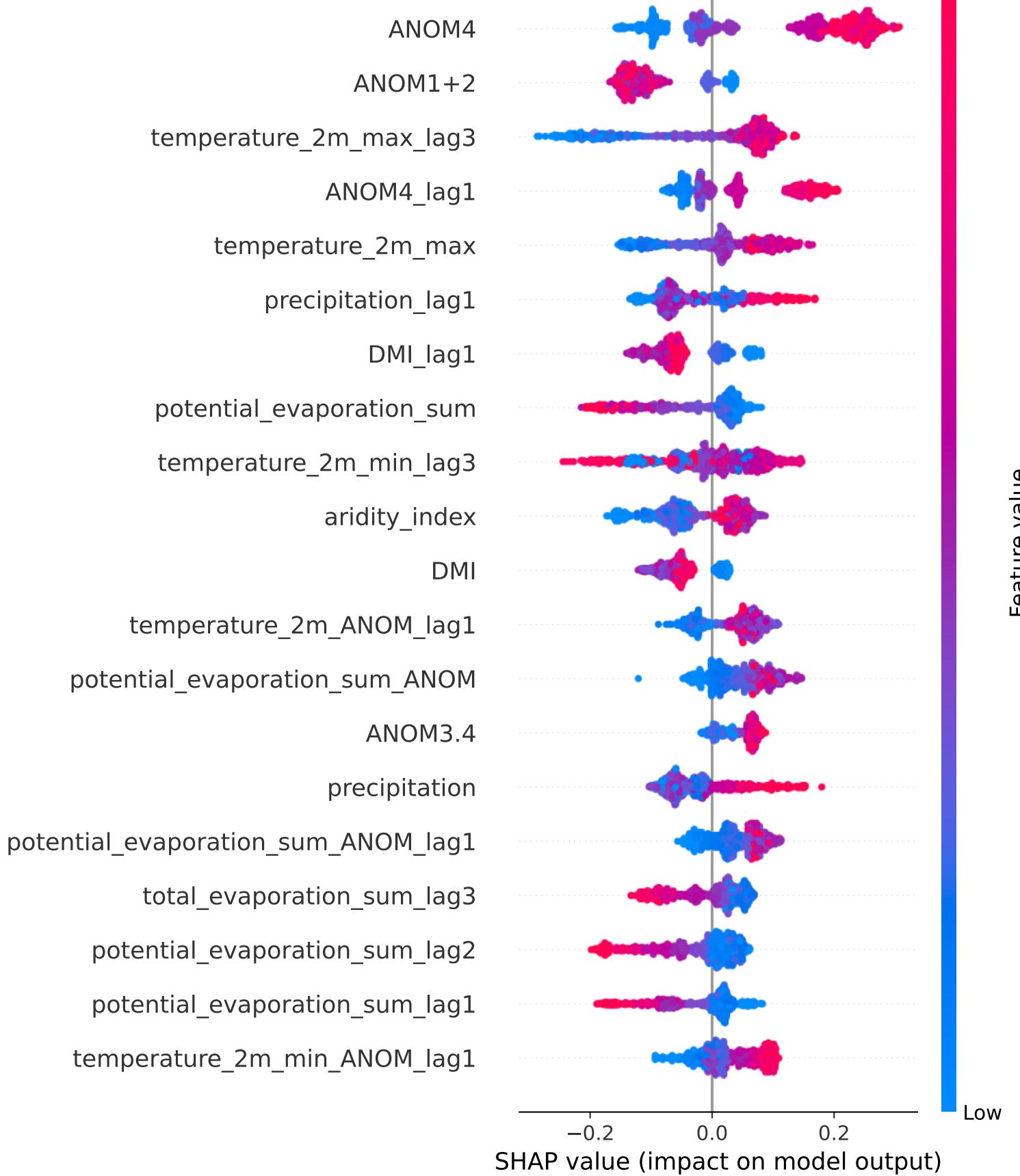


Confusion Matrix - Sulawesi

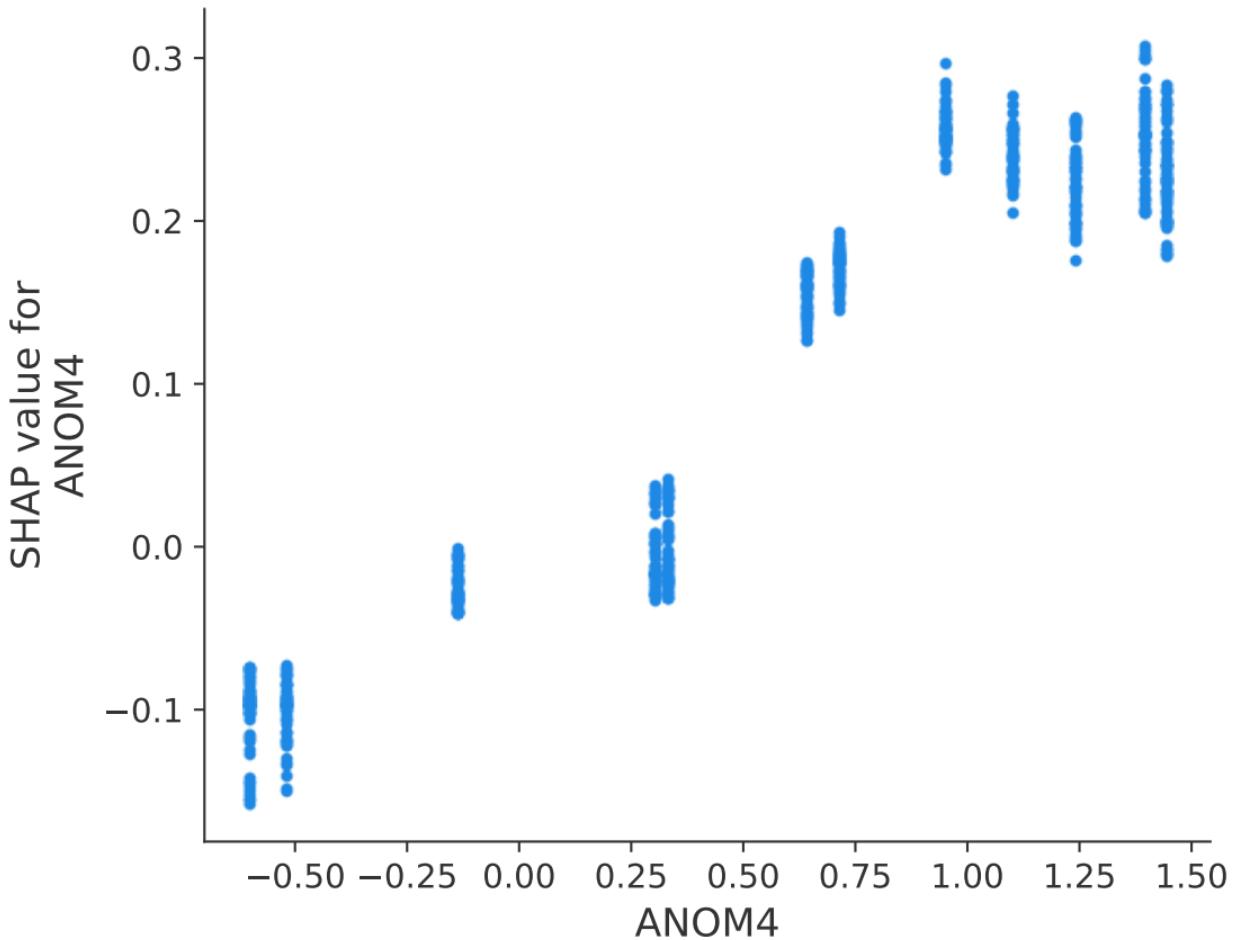


SHAP Beeswarm Plot for Class 0 - Sulawesi

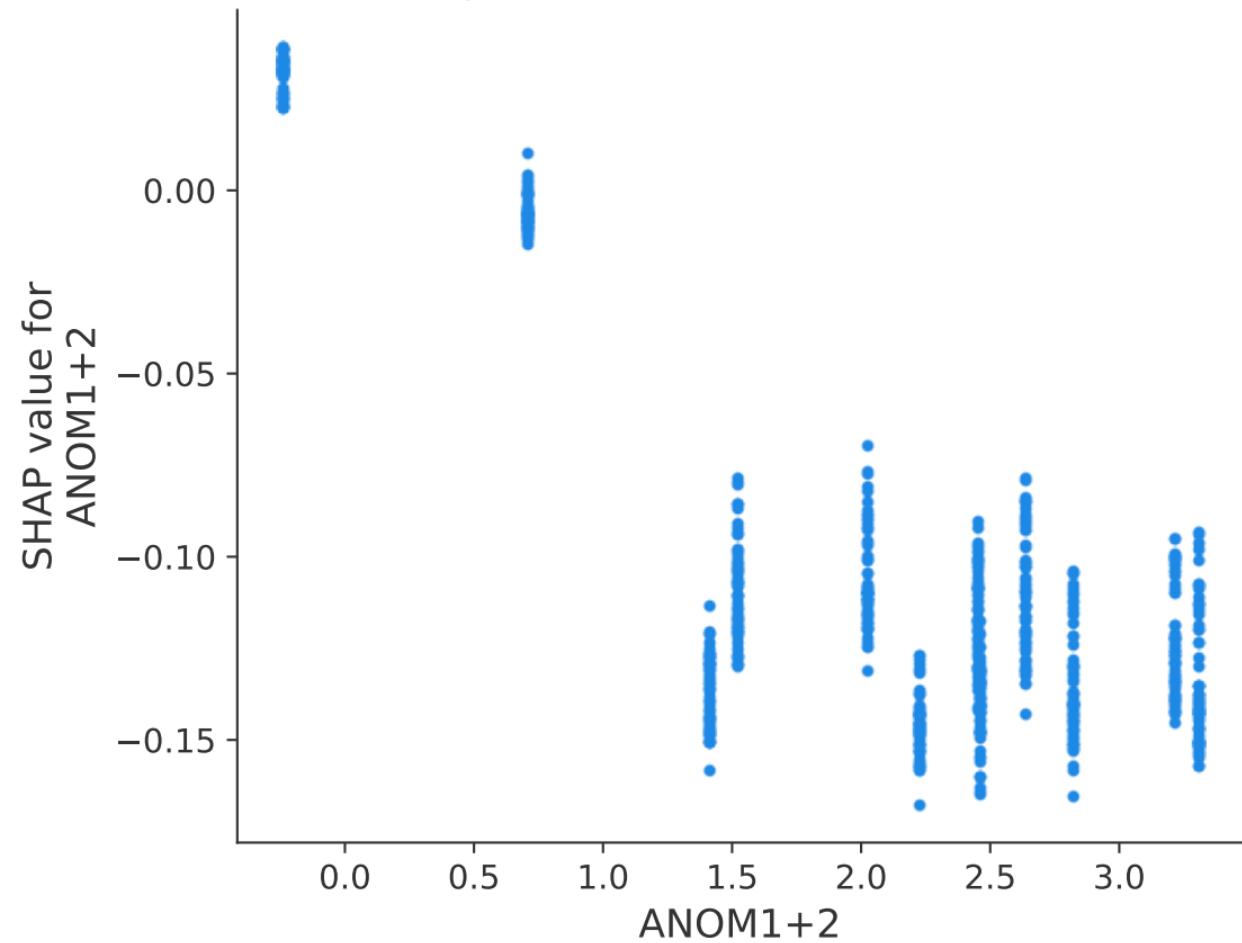
High



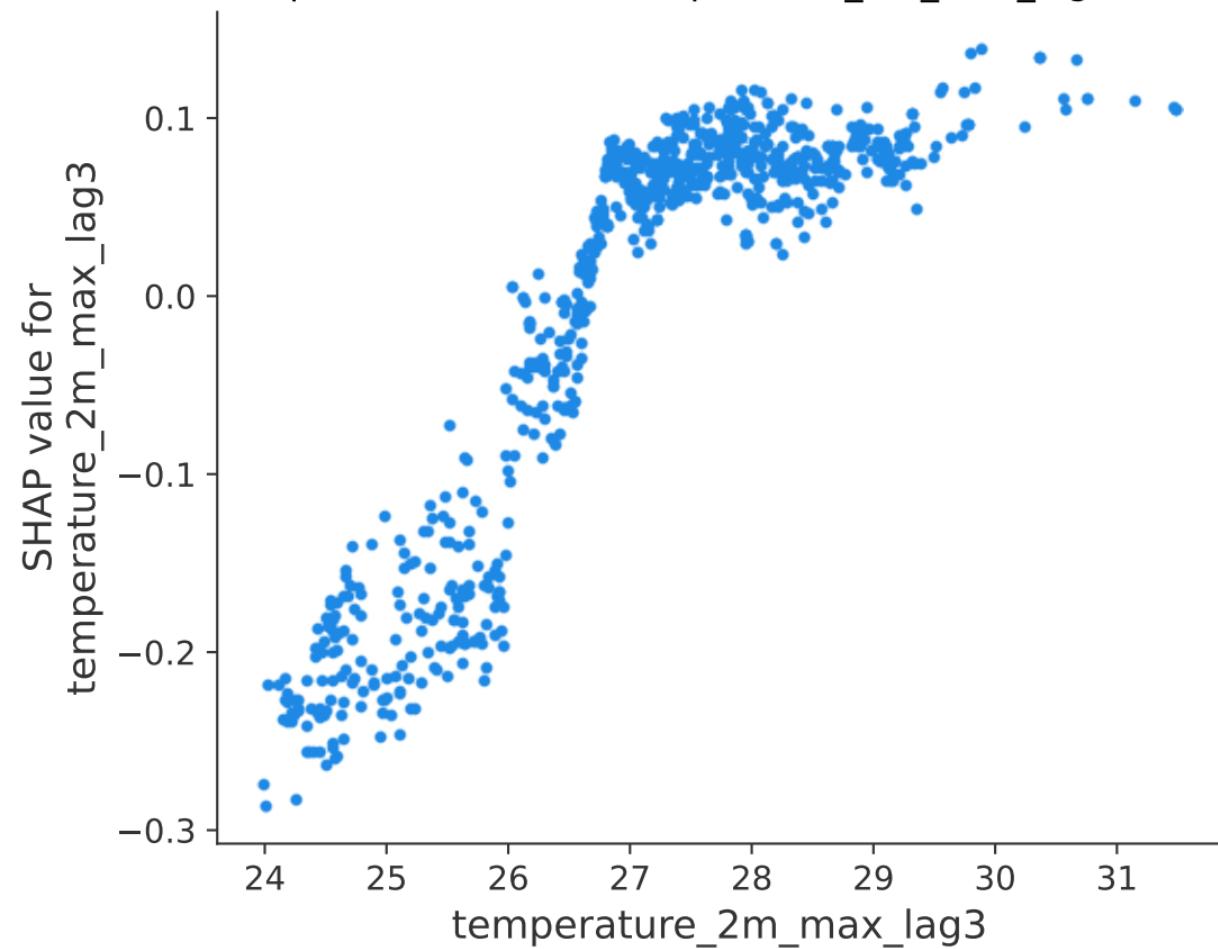
SHAP Dependence Plot for ANOM4 - Sulawesi



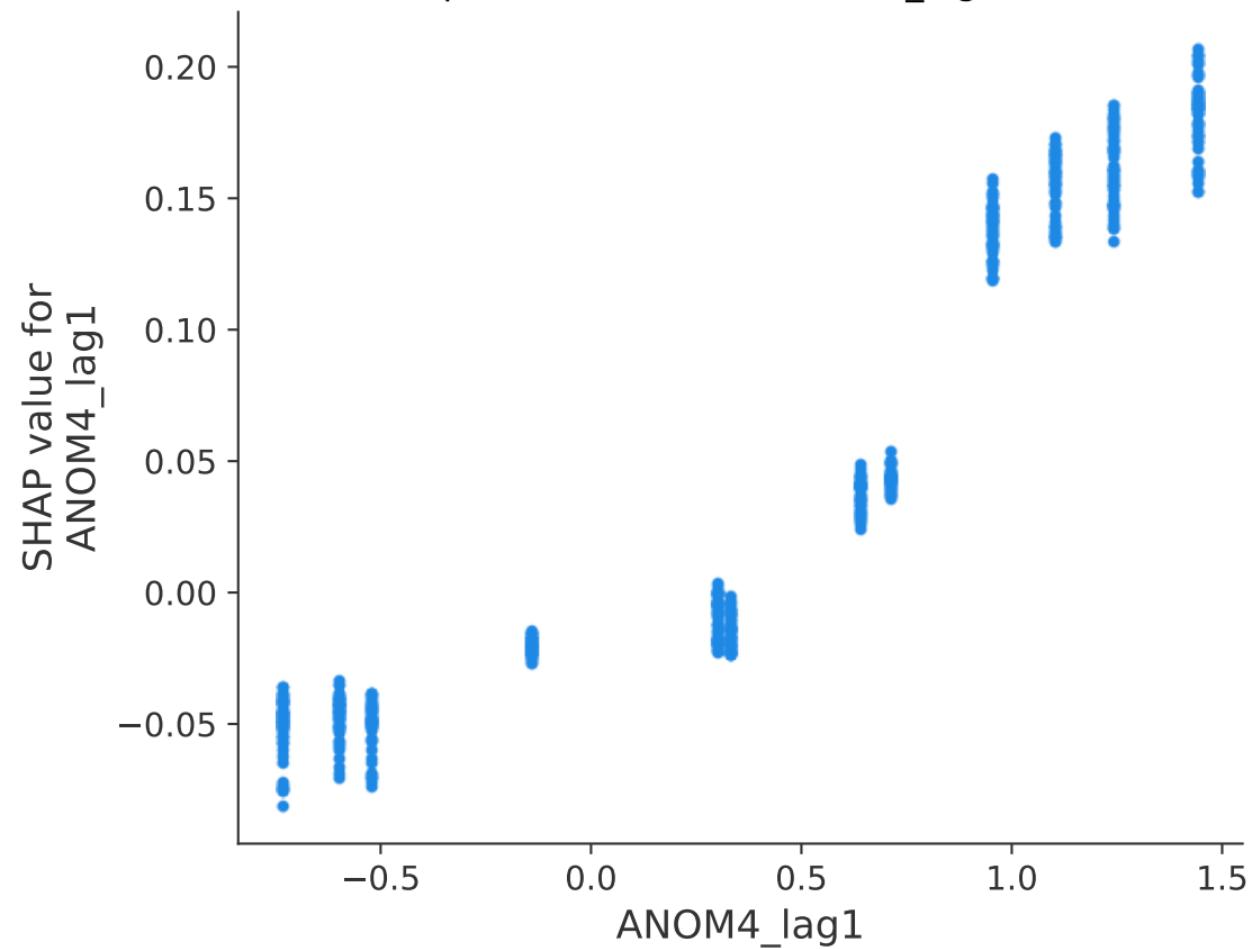
SHAP Dependence Plot for ANOM1+2 - Sulawesi



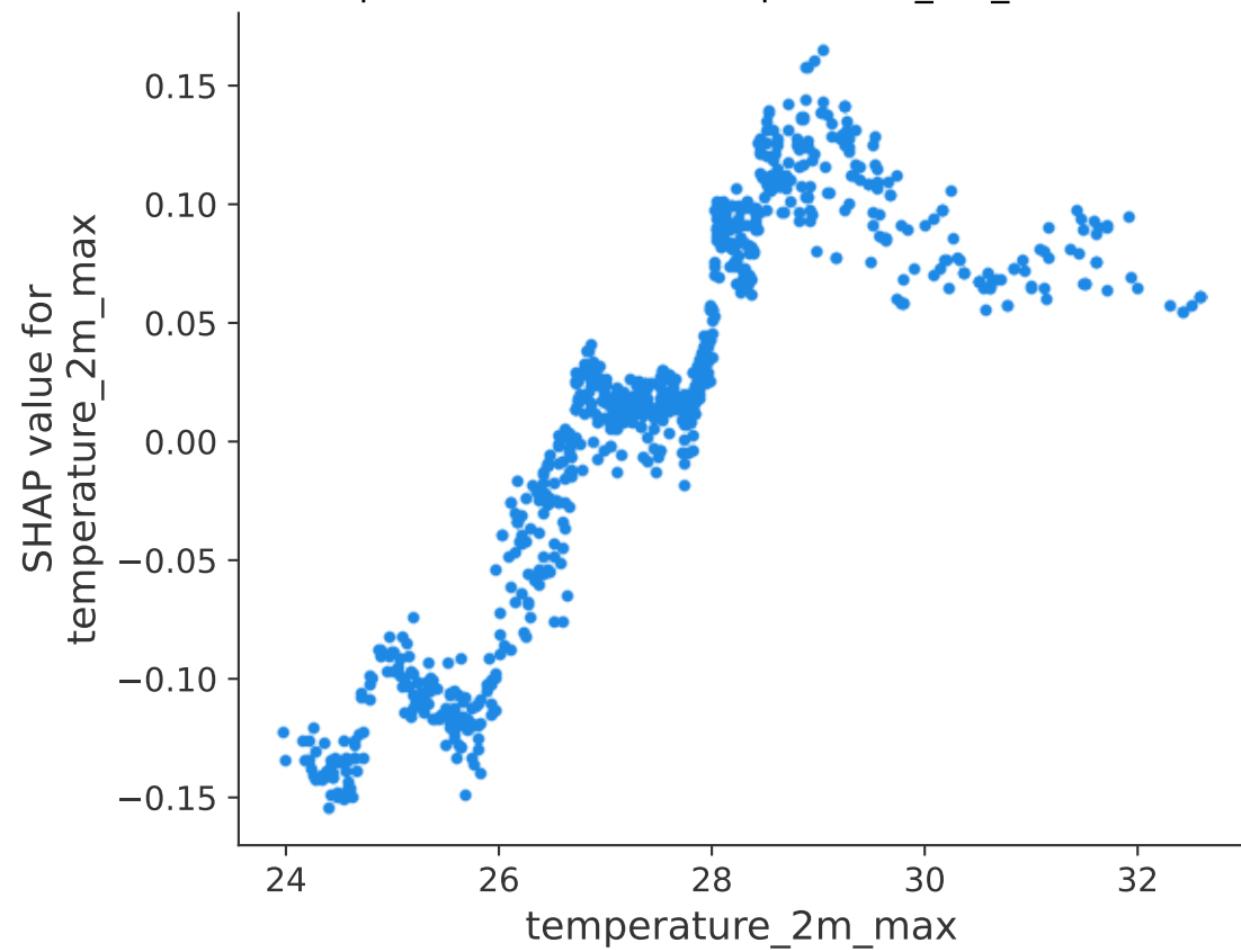
SHAP Dependence Plot for temperature_2m_max_lag3 - Sulawesi



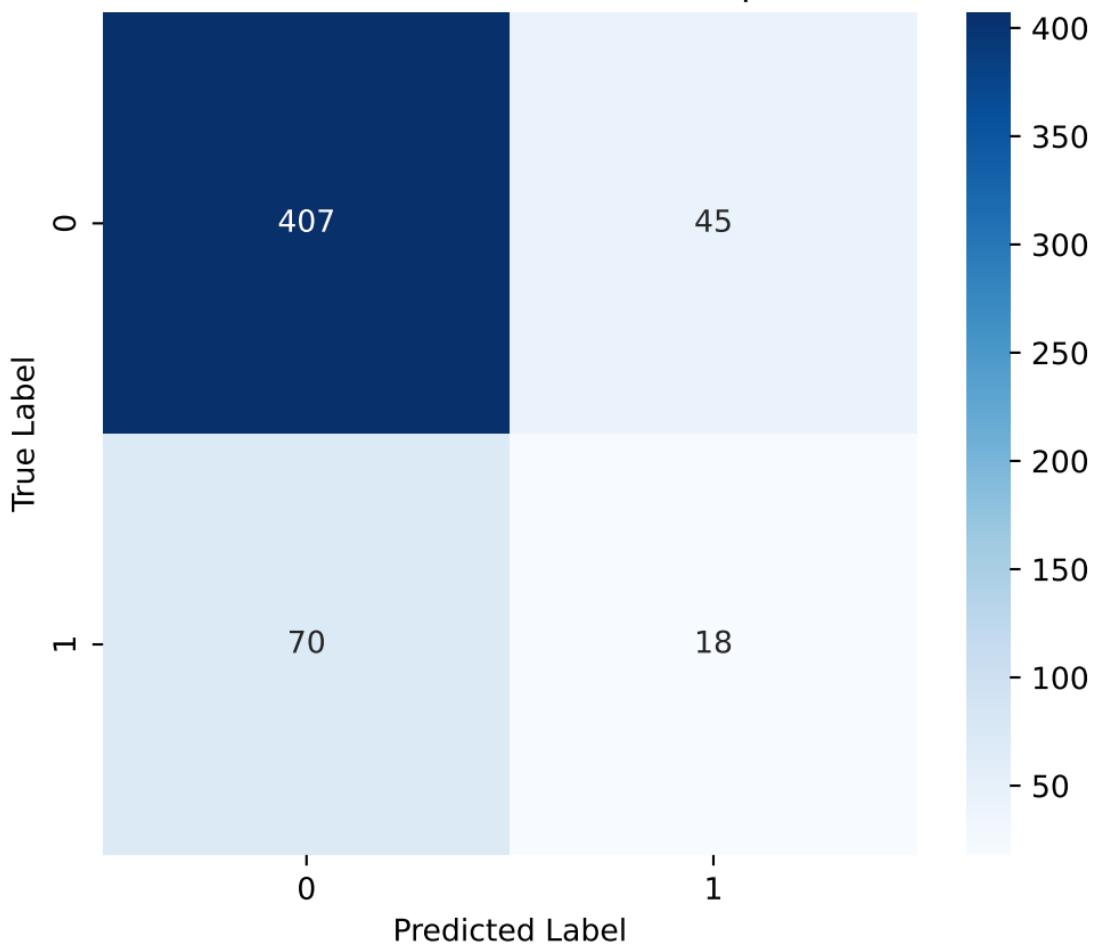
SHAP Dependence Plot for ANOM4_lag1 - Sulawesi



SHAP Dependence Plot for temperature_2m_max - Sulawesi



Confusion Matrix - Maluku-Papua



SHAP Beeswarm Plot for Class 0 - Maluku-Papua

High

temperature_2m_max_lag3



total_evaporation_sum



evaporative_stress_index



temperature_2m_min_lag2



temperature_2m_min_lag3



total_evaporation_sum_lag1



temperature_2m_max



aridity_index



temperature_2m_min_lag1



total_evaporation_sum_lag2



temperature_2m_lag2



temperature_2m_min_ANOM_lag3



evaporative_stress_index_lag1



ANOM3.4_lag3



total_evaporation_sum_lag3



temperature_2m_lag1



ANOM1+2_lag1



temperature_2m_min



evaporative_stress_index_lag2



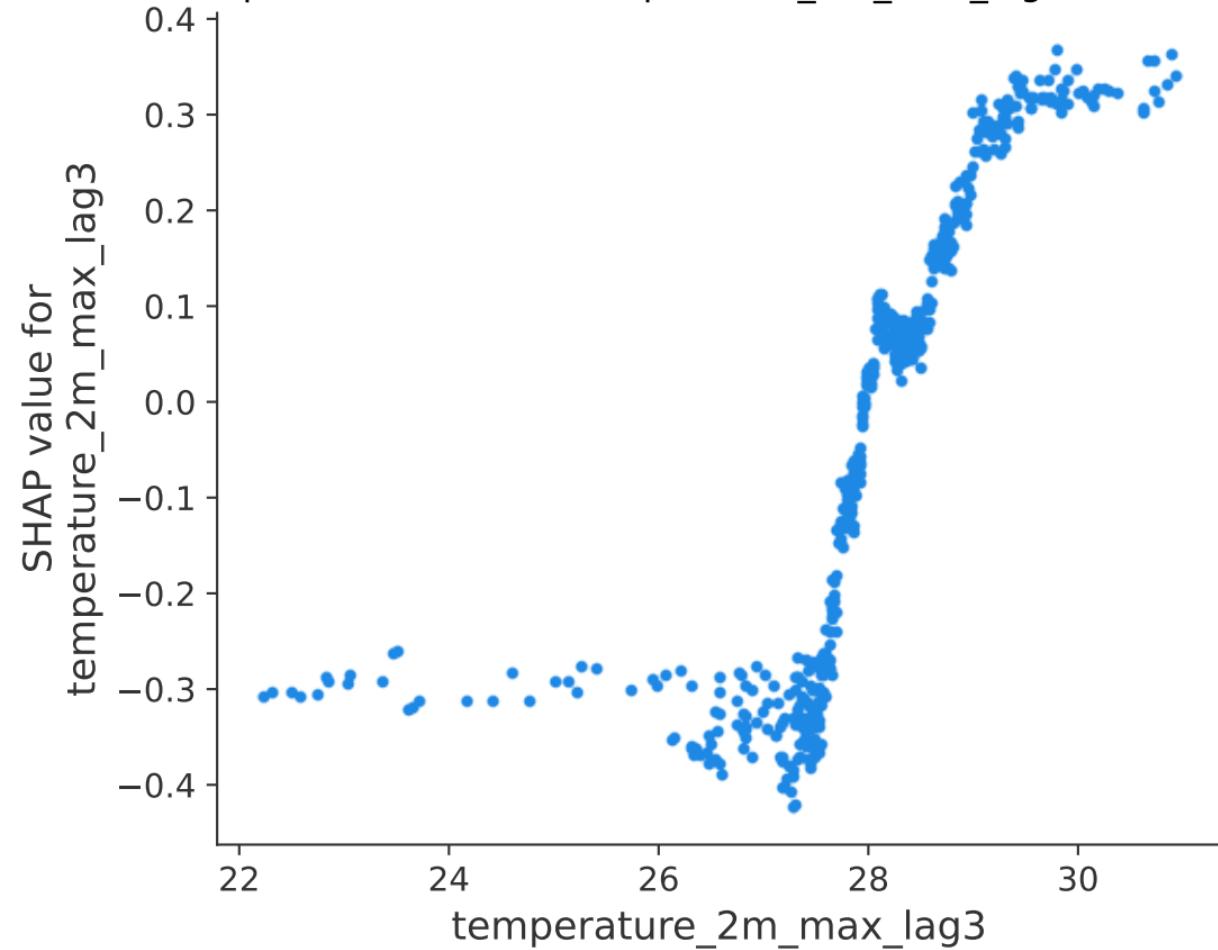
temperature_2m_ANOM_lag1



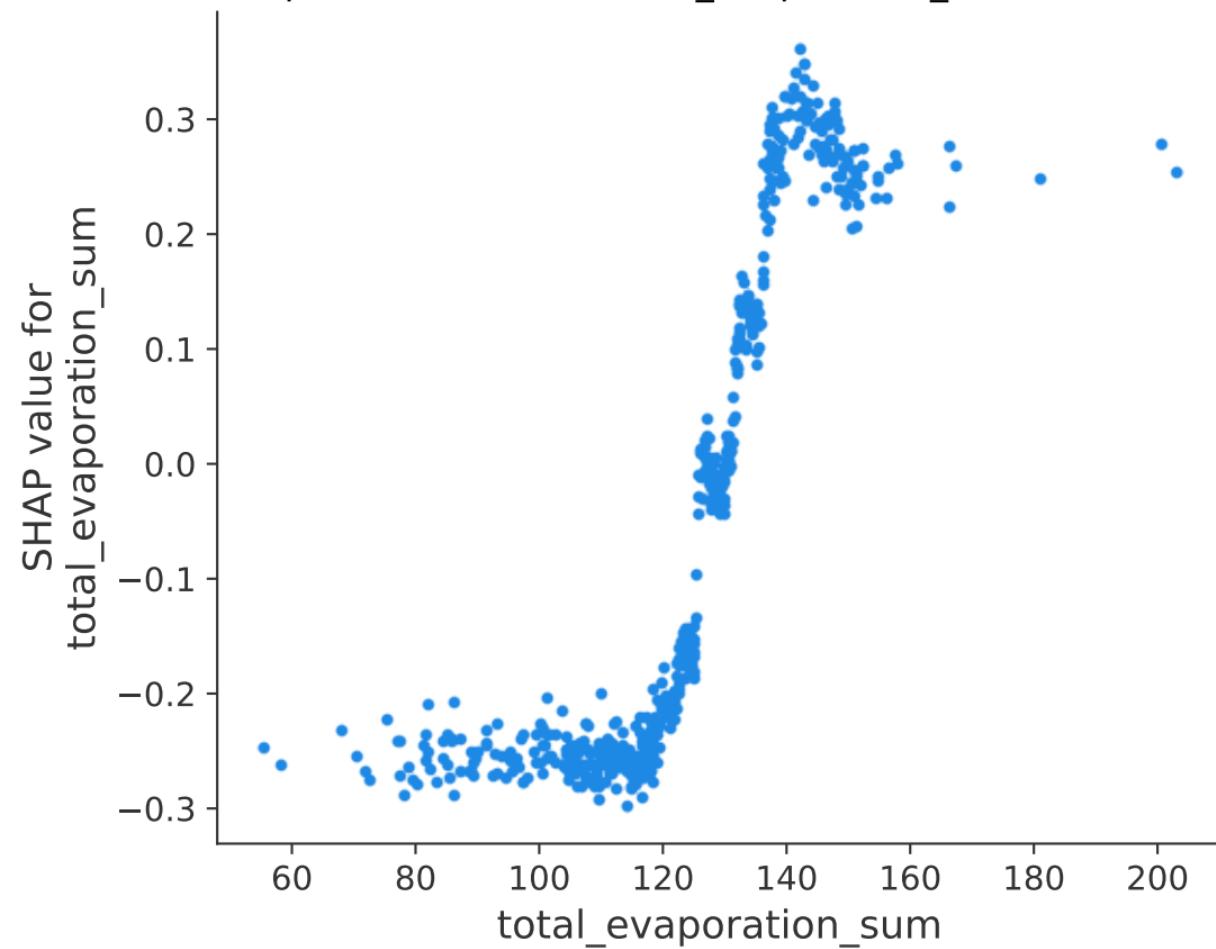
Feature value

Low

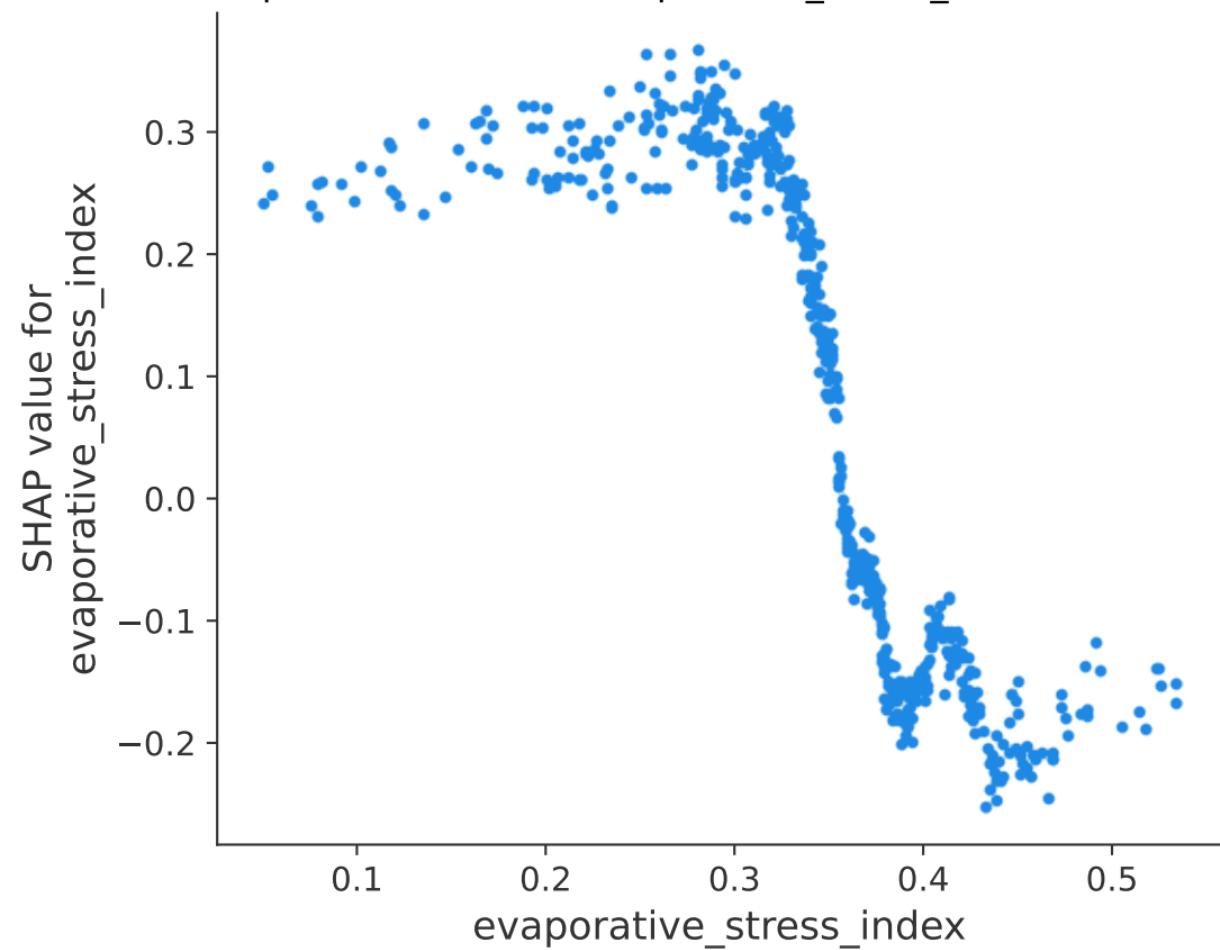
SHAP Dependence Plot for temperature_2m_max_lag3 - Maluku-Papua



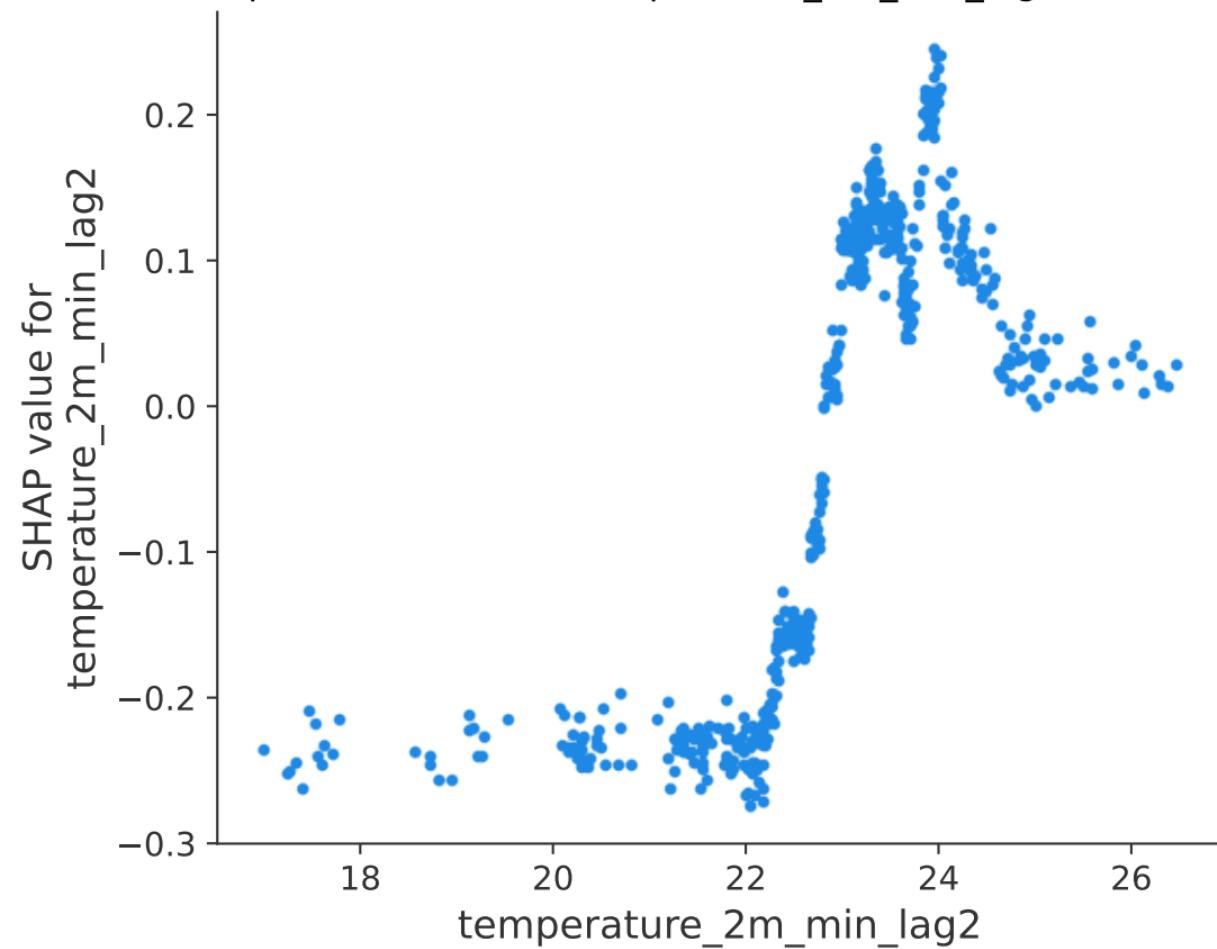
SHAP Dependence Plot for total_evaporation_sum - Maluku-Papua



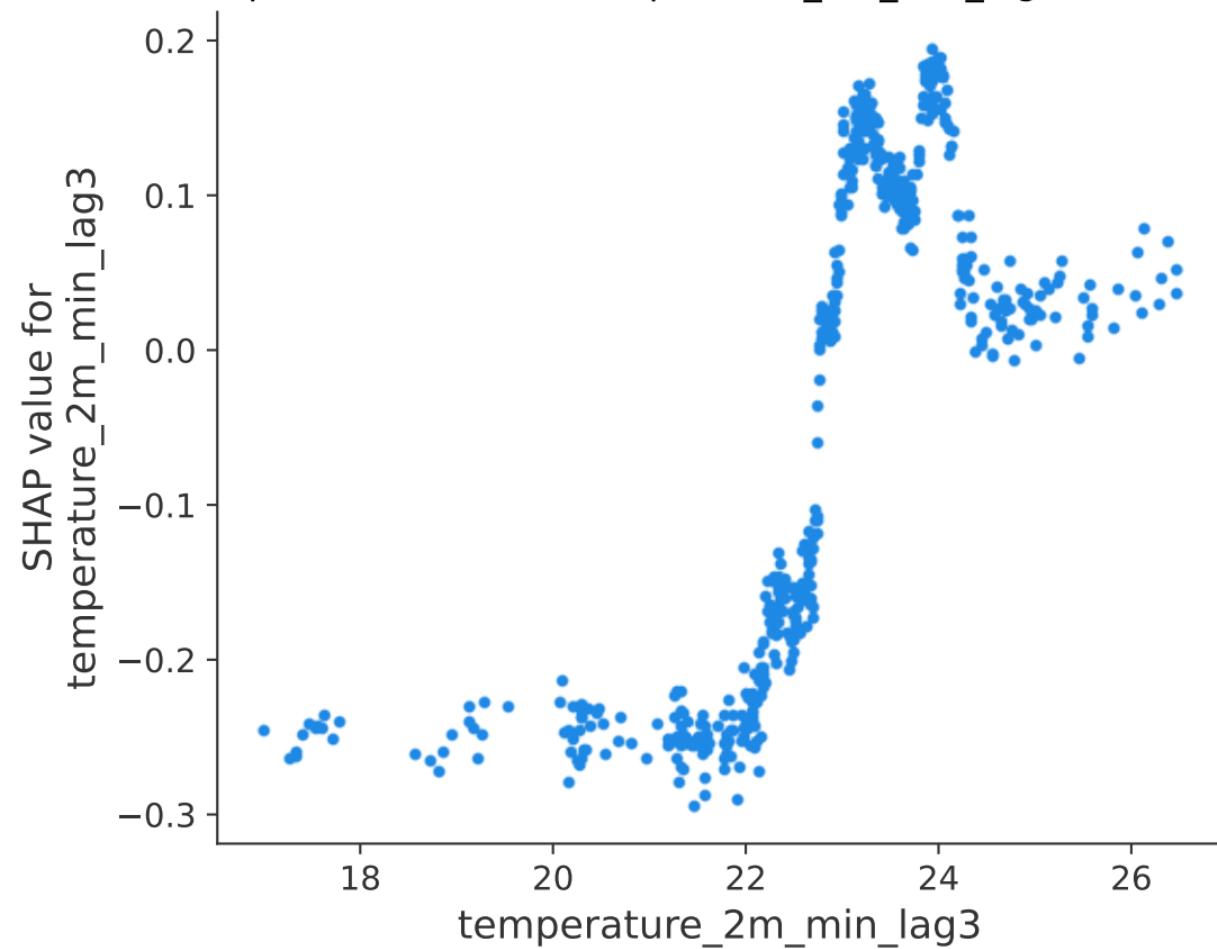
SHAP Dependence Plot for evaporative_stress_index - Maluku-Papua



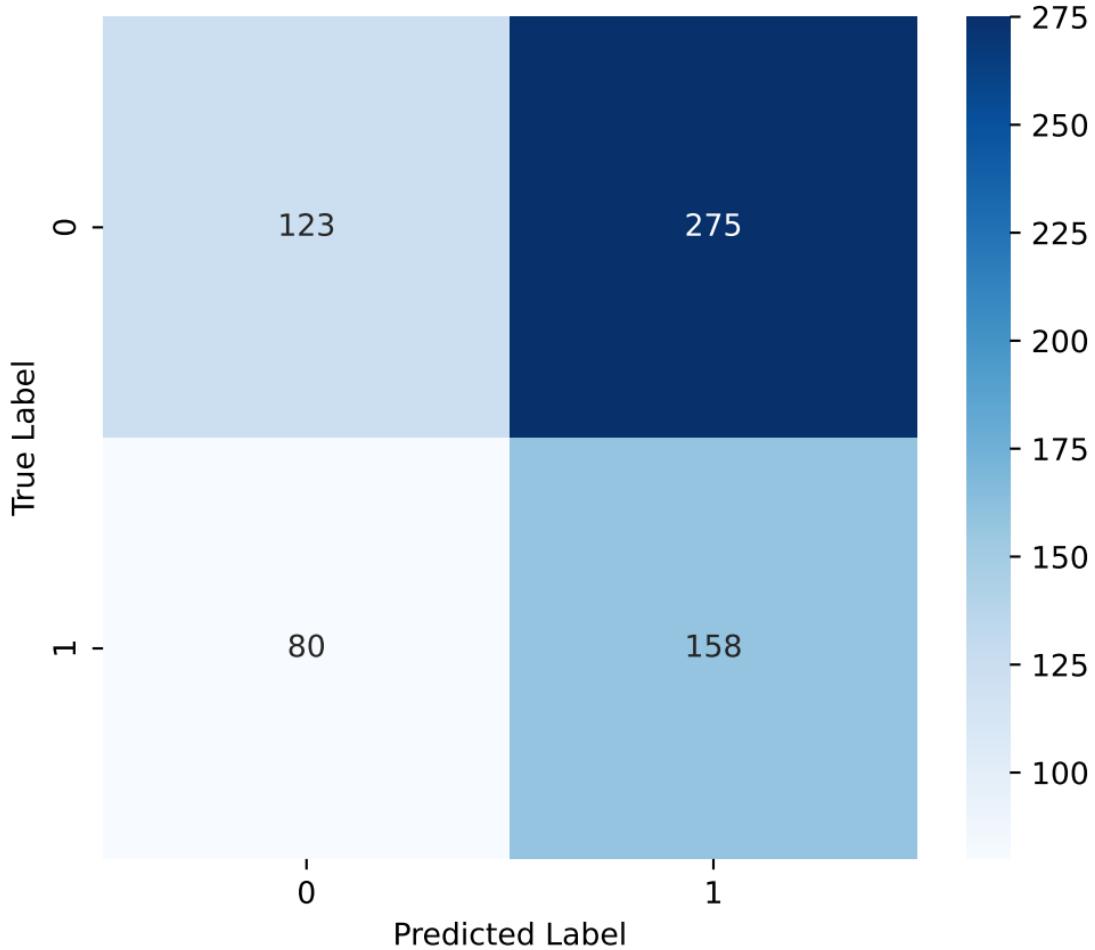
SHAP Dependence Plot for temperature_2m_min_lag2 - Maluku-Papua



SHAP Dependence Plot for temperature_2m_min_lag3 - Maluku-Papua



Confusion Matrix - Kalimantan

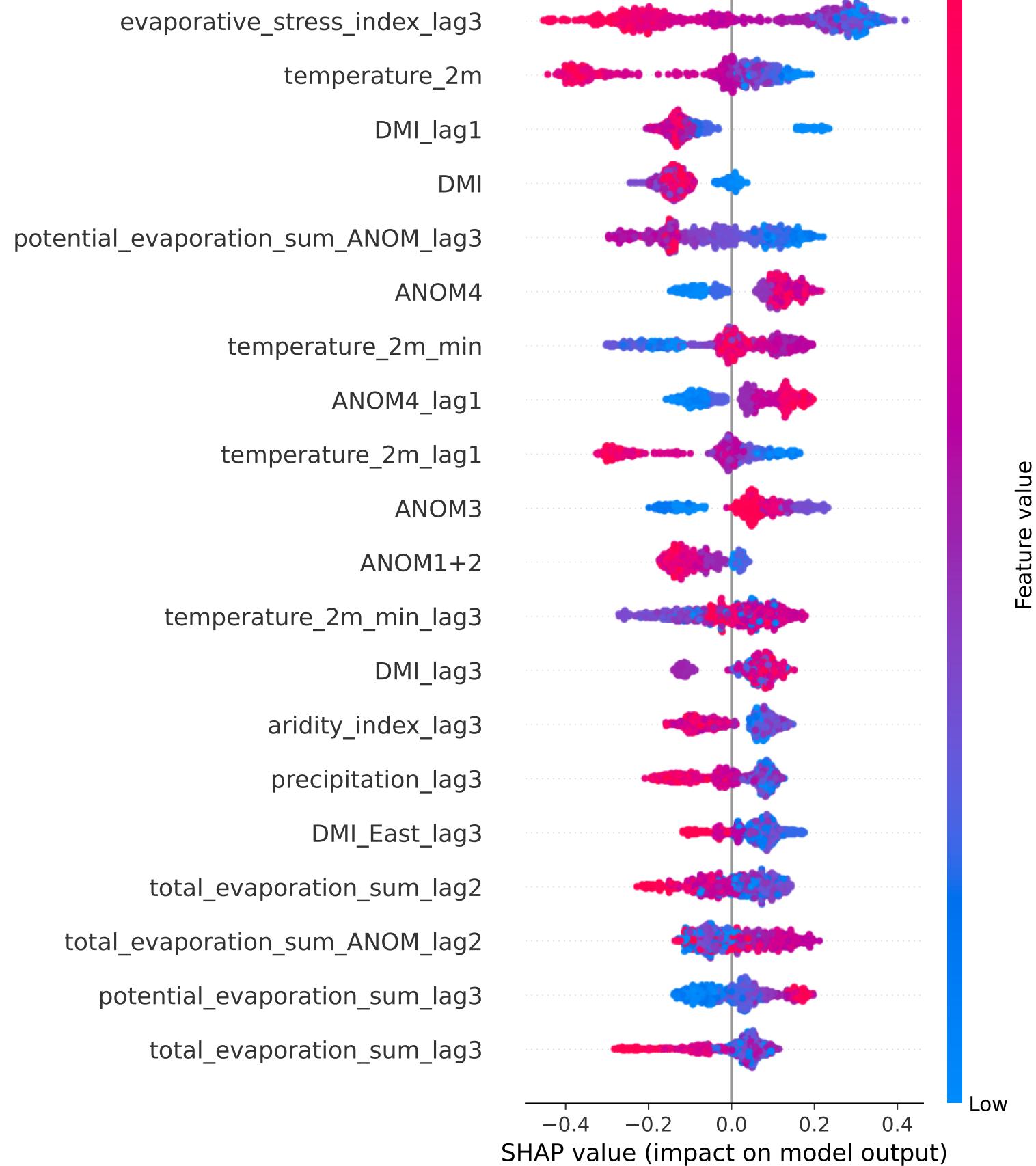


SHAP Beeswarm Plot for Class 0 - Kalimantan

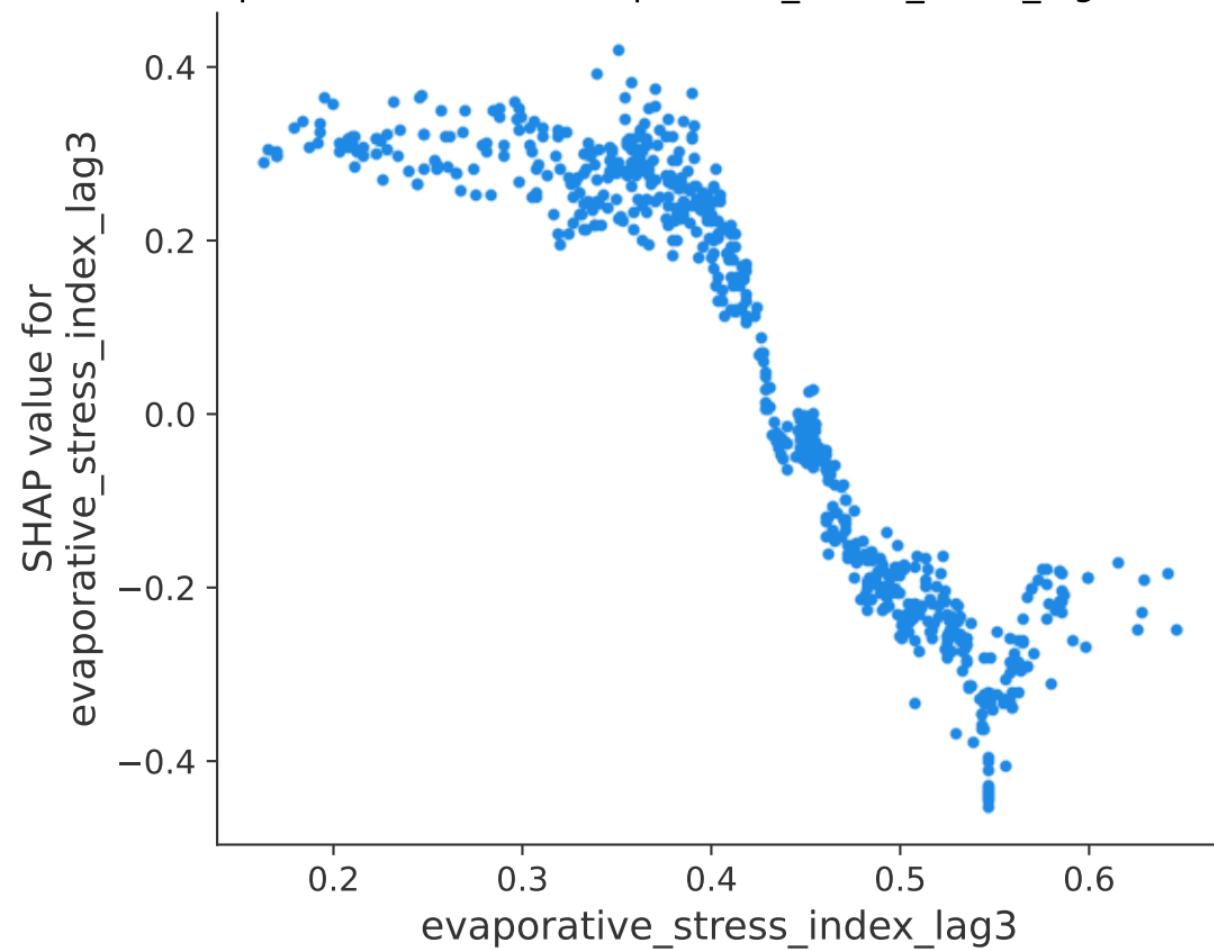
High

Feature value

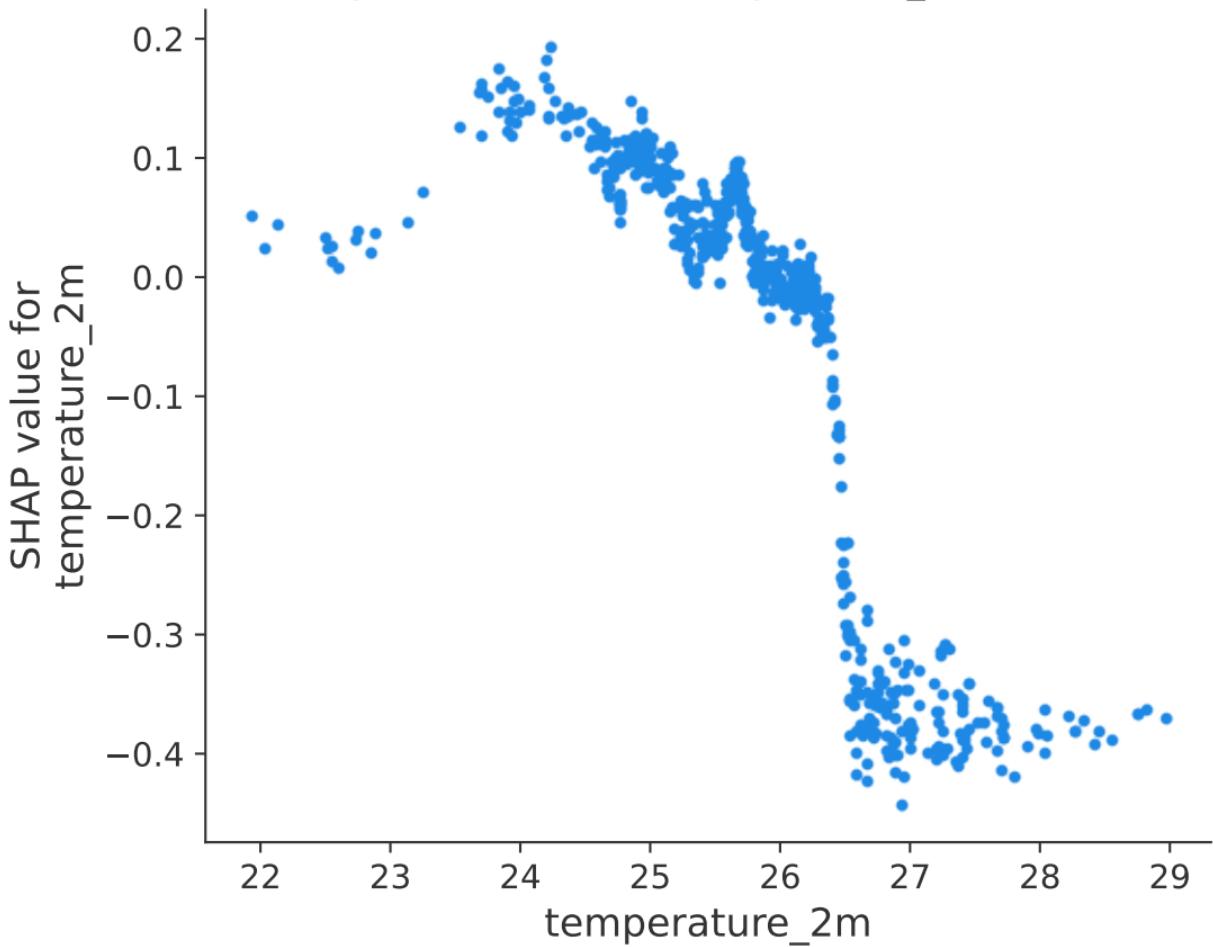
Low



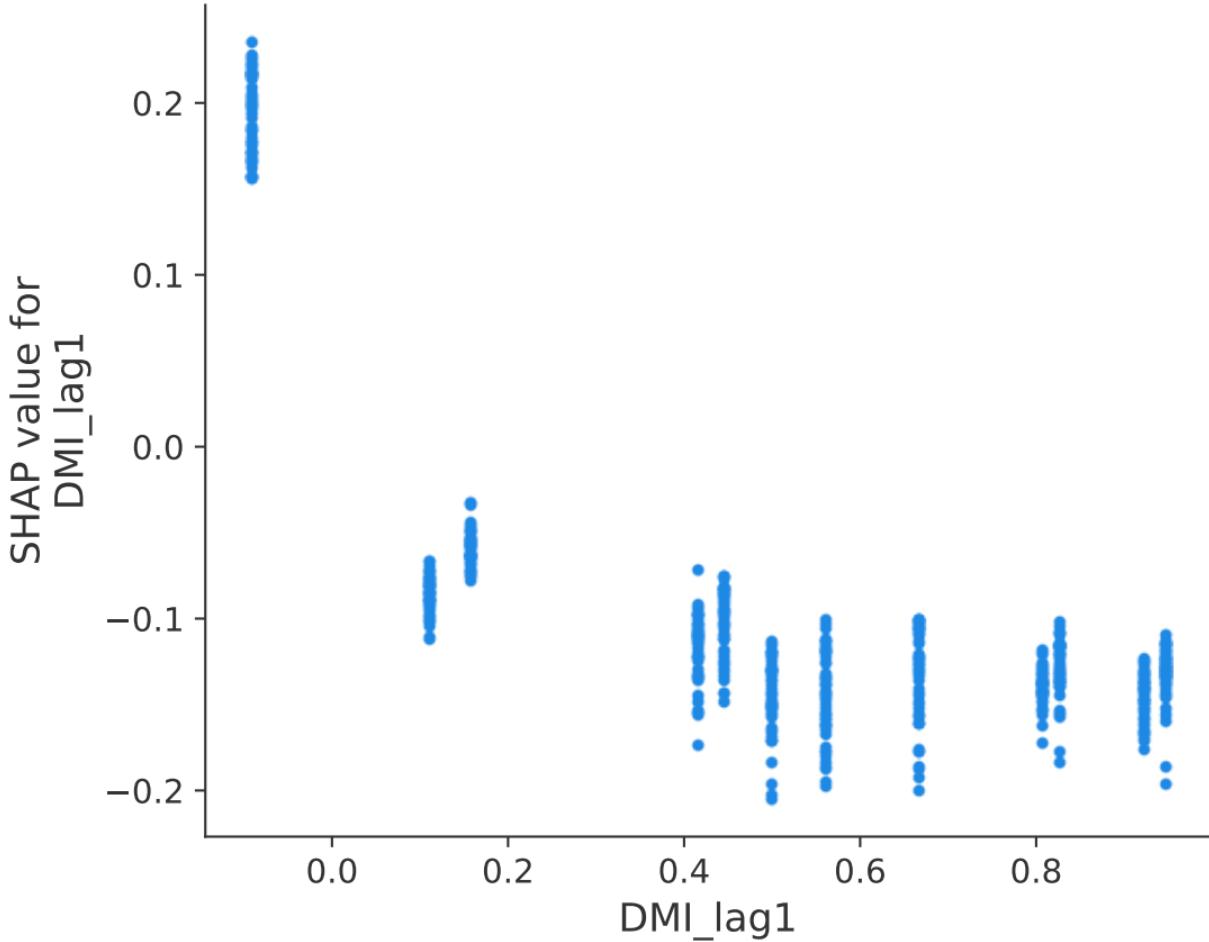
SHAP Dependence Plot for evaporative_stress_index_lag3 - Kalimantan



SHAP Dependence Plot for temperature_2m - Kalimantan



SHAP Dependence Plot for DMI_lag1 - Kalimantan



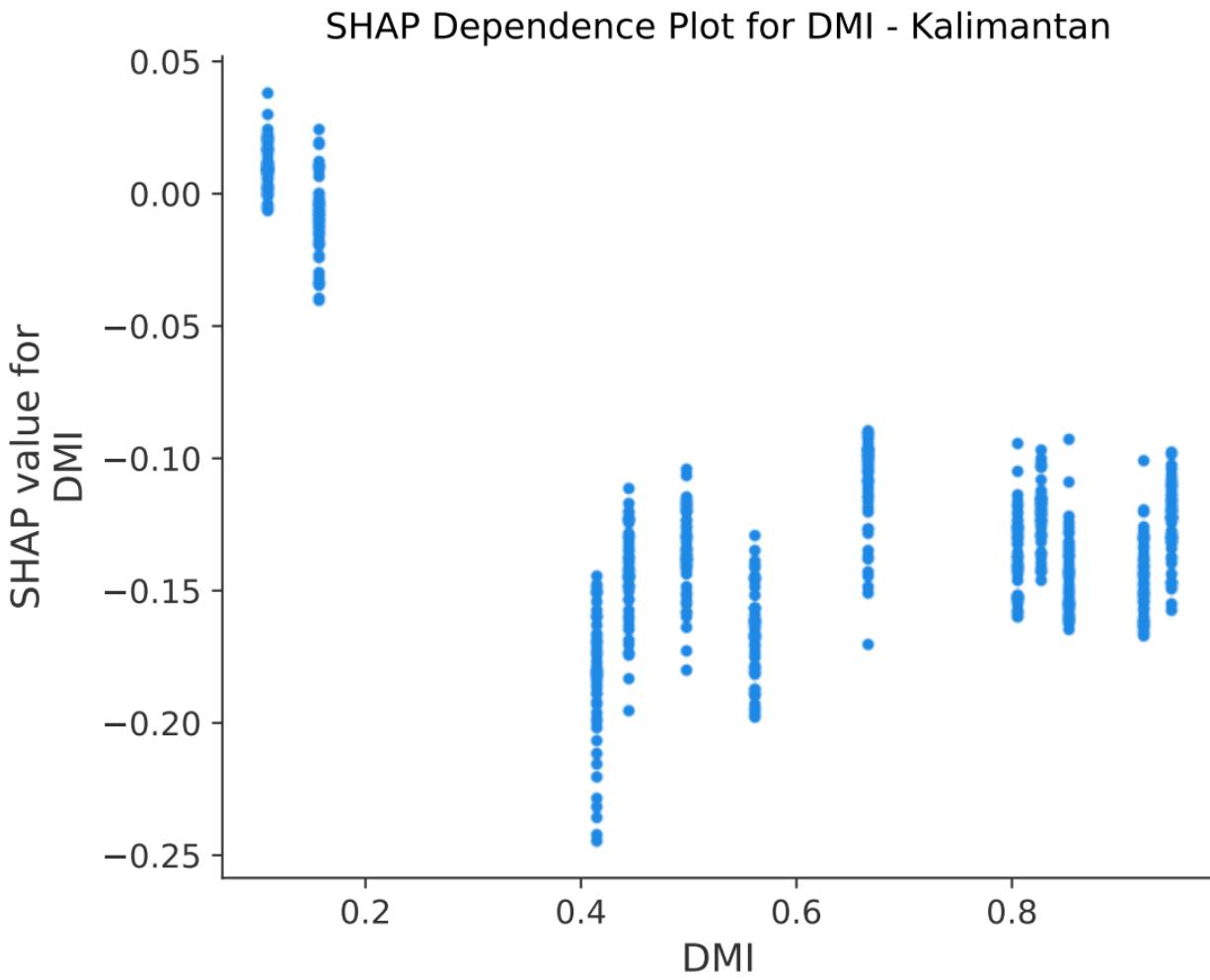
SHAP Dependence Plot for DMI - Kalimantan

SHAP value for
DMI

0.05
0.00
-0.05
-0.10
-0.15
-0.20
-0.25

0.2 0.4 0.6 0.8

DMI



SHAP Dependence Plot for potential_evaporation_sum_ANOM_lag3 - Kalimantan

