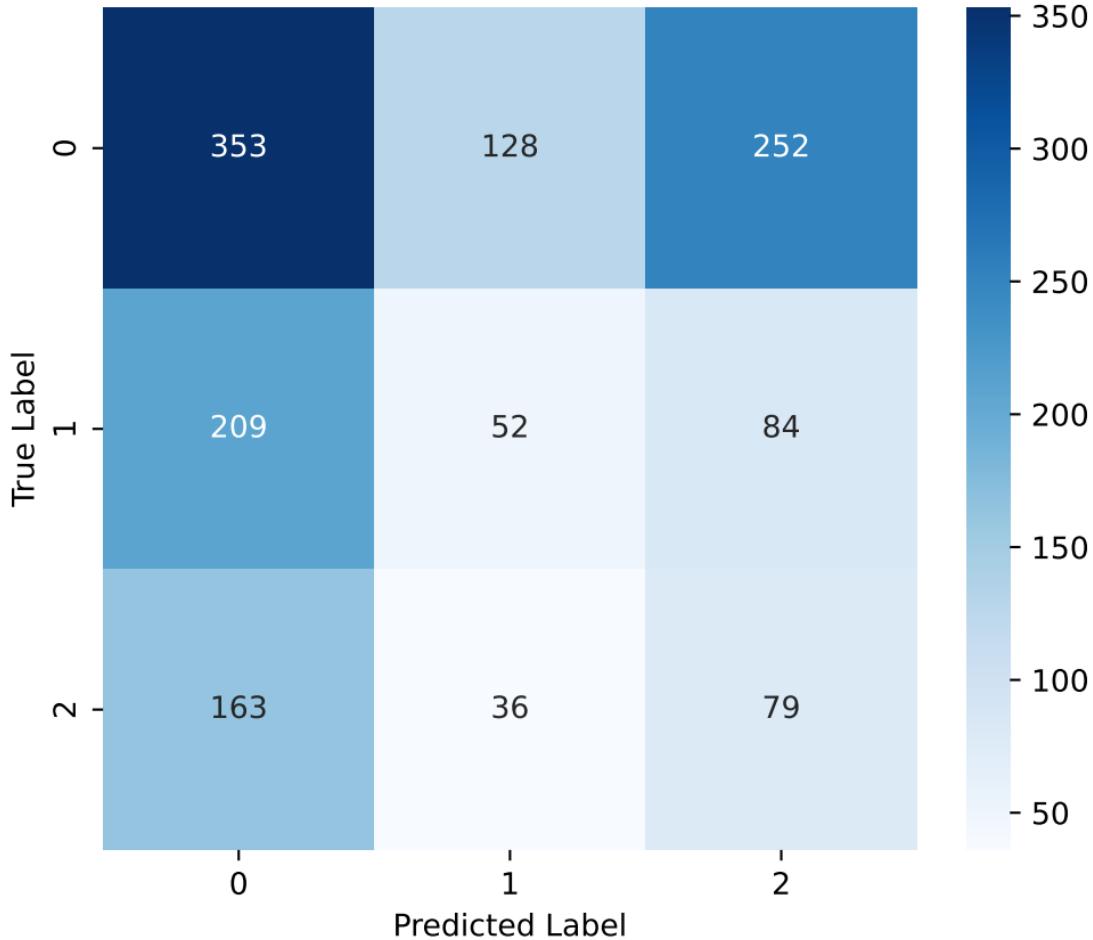


Confusion Matrix - Sumatra

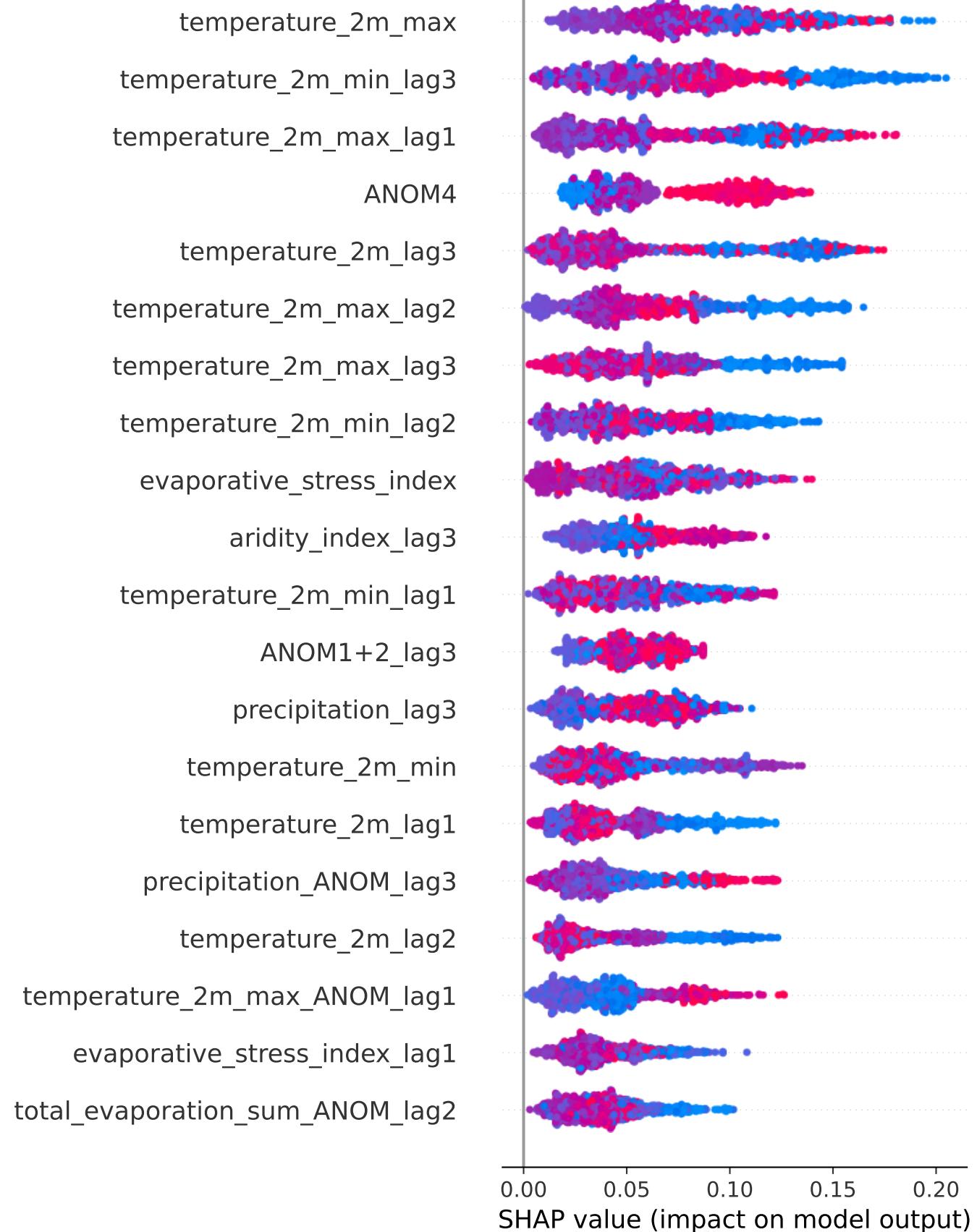


SHAP Beeswarm Plot - Sumatra

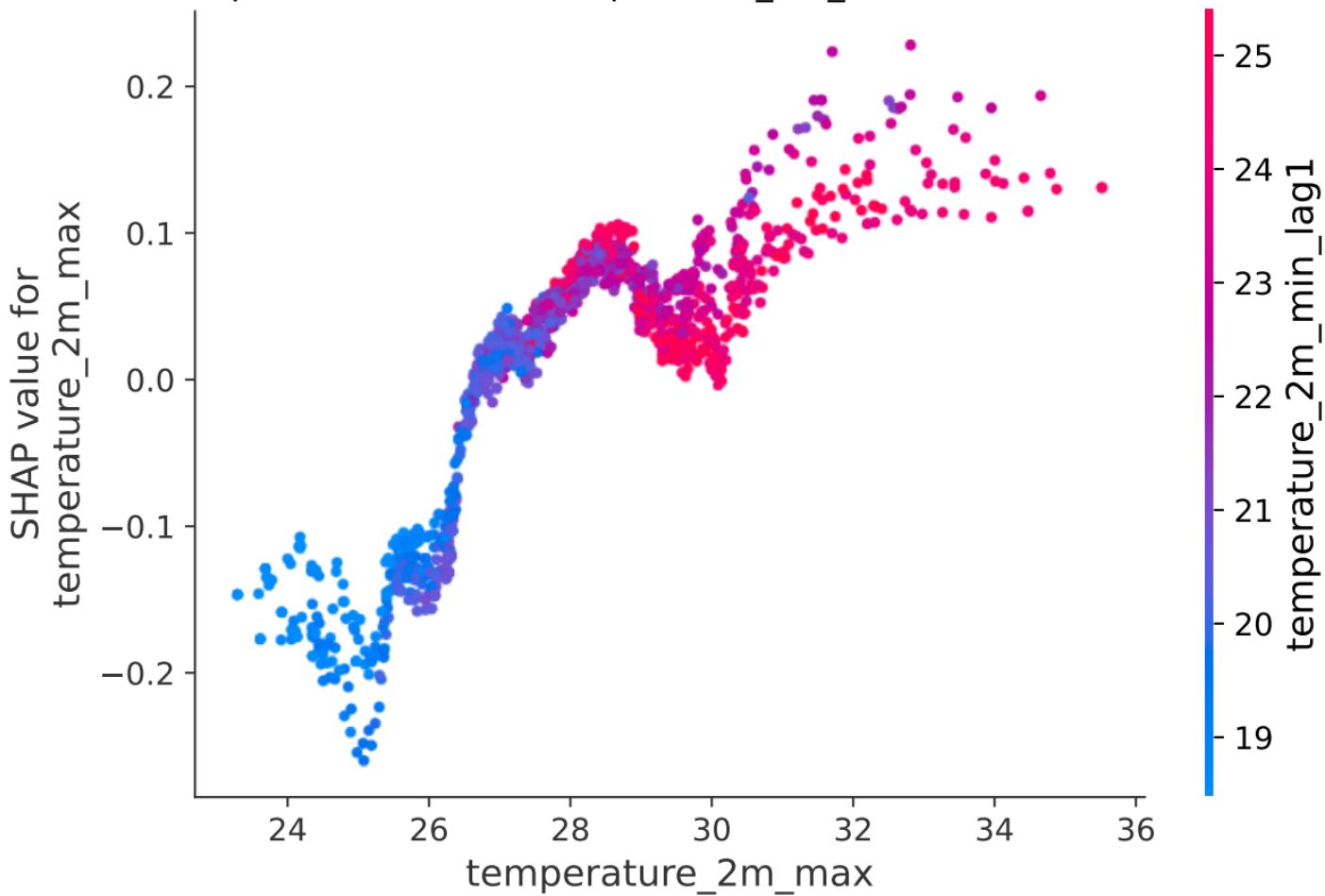
High

Feature value

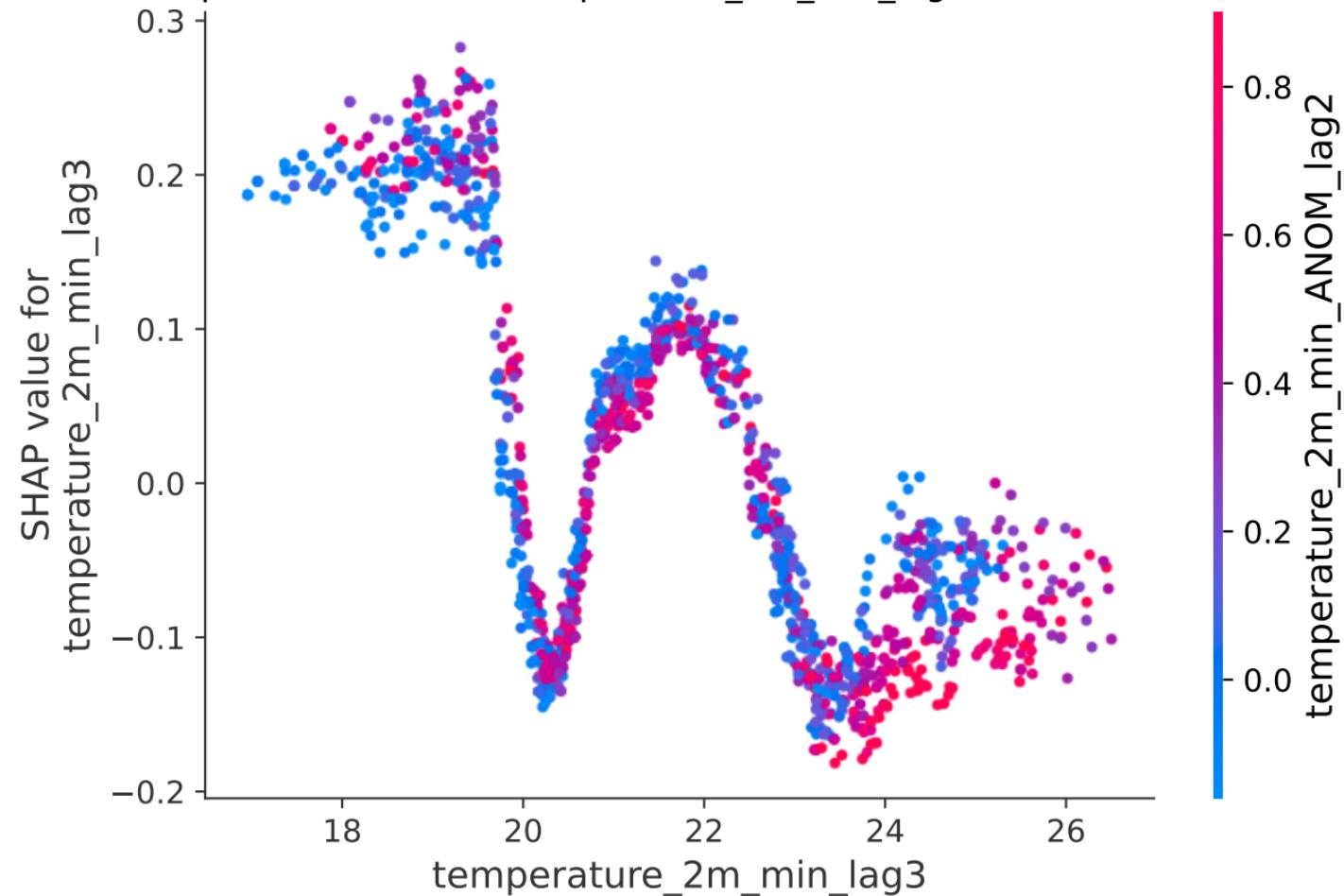
Low



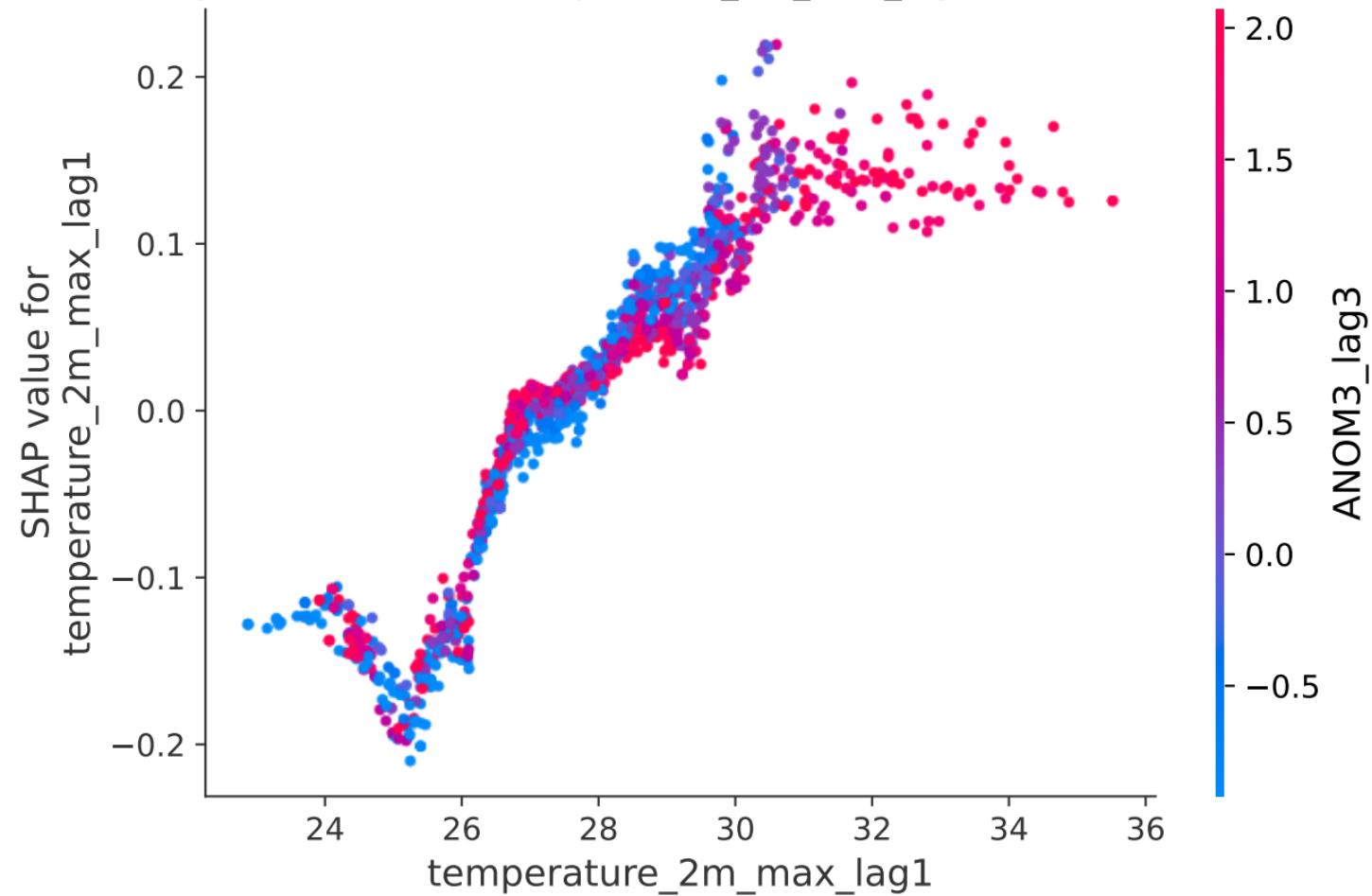
SHAP Dependence Plot for temperature_2m_max (Class 0) - Sumatra



SHAP Dependence Plot for temperature_2m_min_lag3 (Class 0) - Sumatra

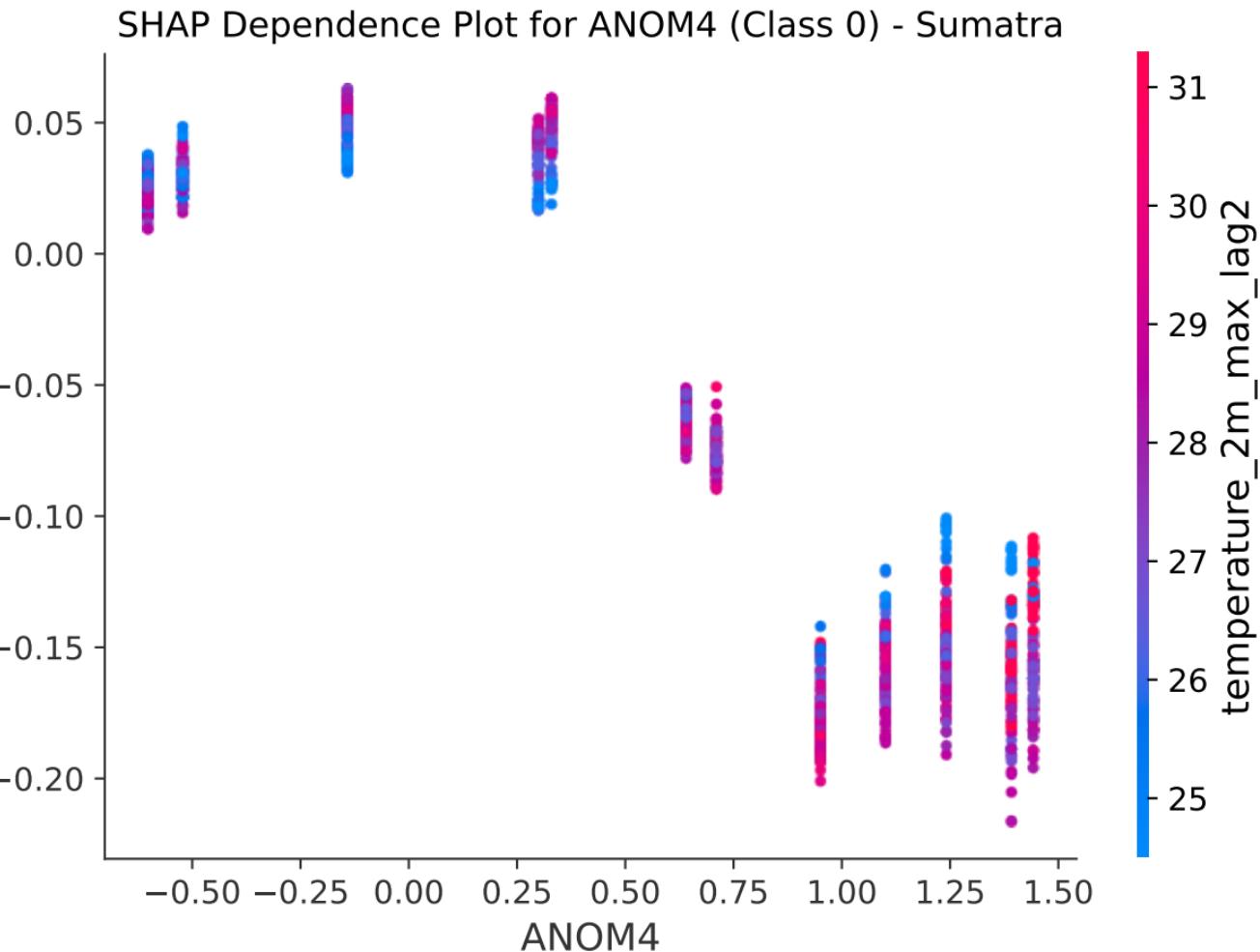


SHAP Dependence Plot for temperature_2m_max_lag1 (Class 0) - Sumatra

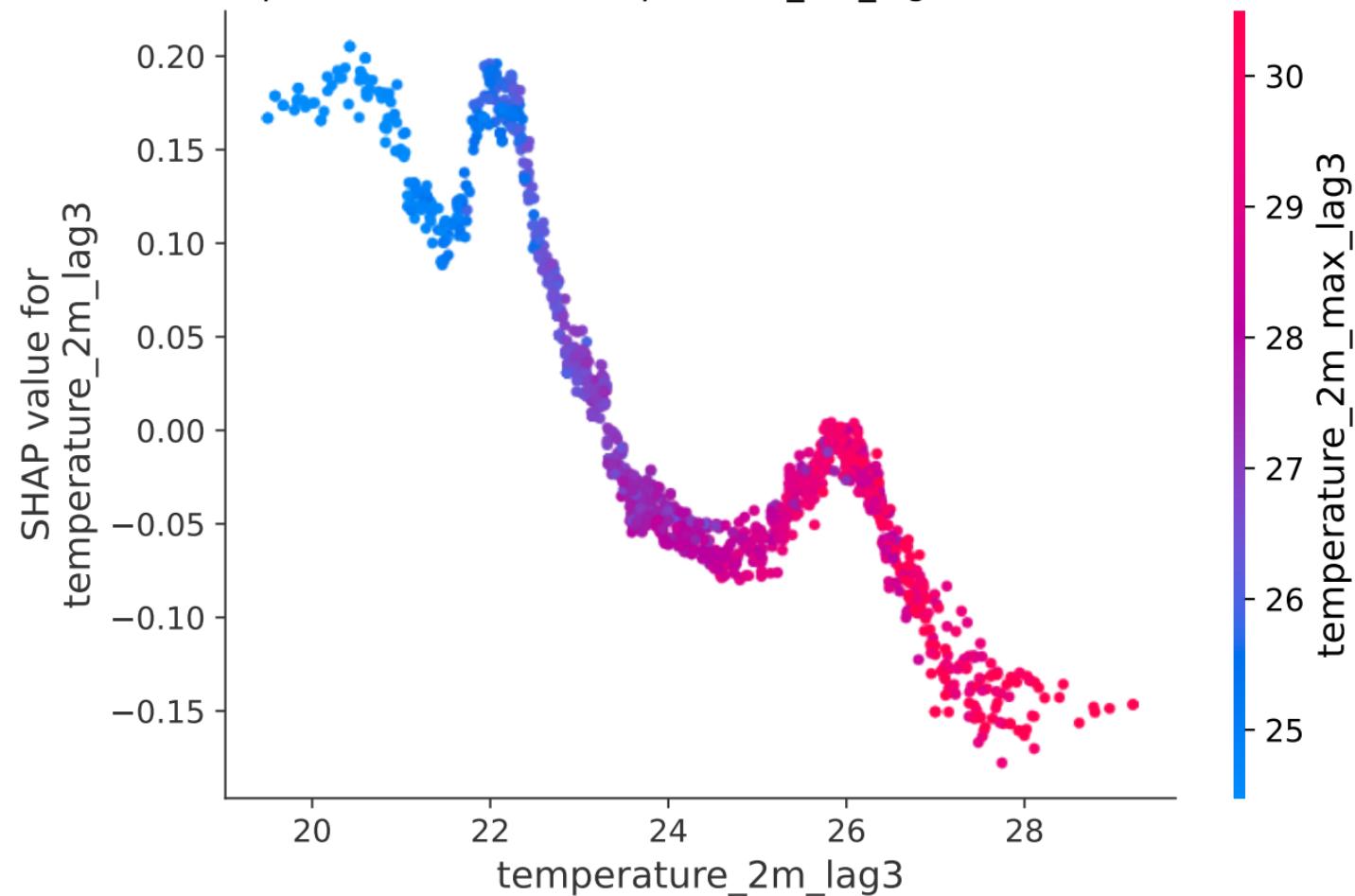


SHAP Dependence Plot for ANOM4 (Class 0) - Sumatra

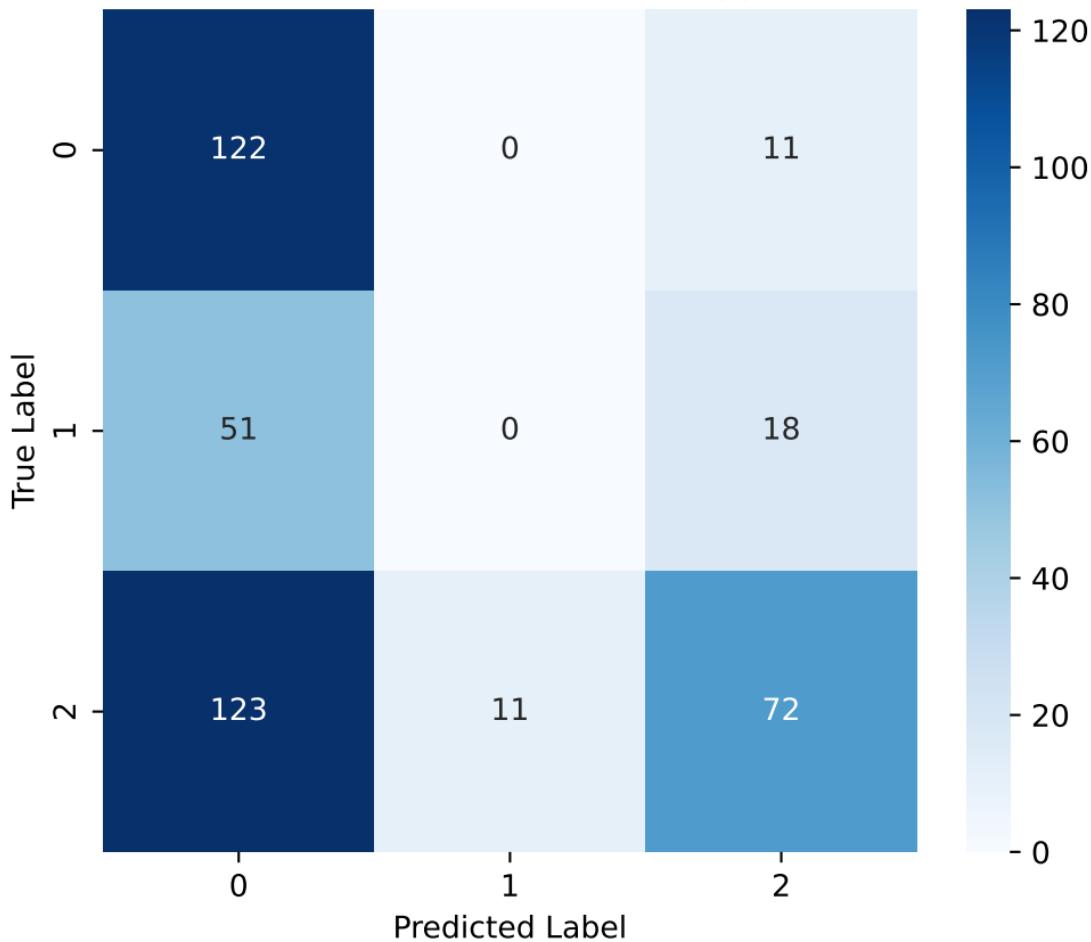
SHAP value for
ANOM4



SHAP Dependence Plot for temperature_2m_lag3 (Class 0) - Sumatra



Confusion Matrix - Nusa Tenggara

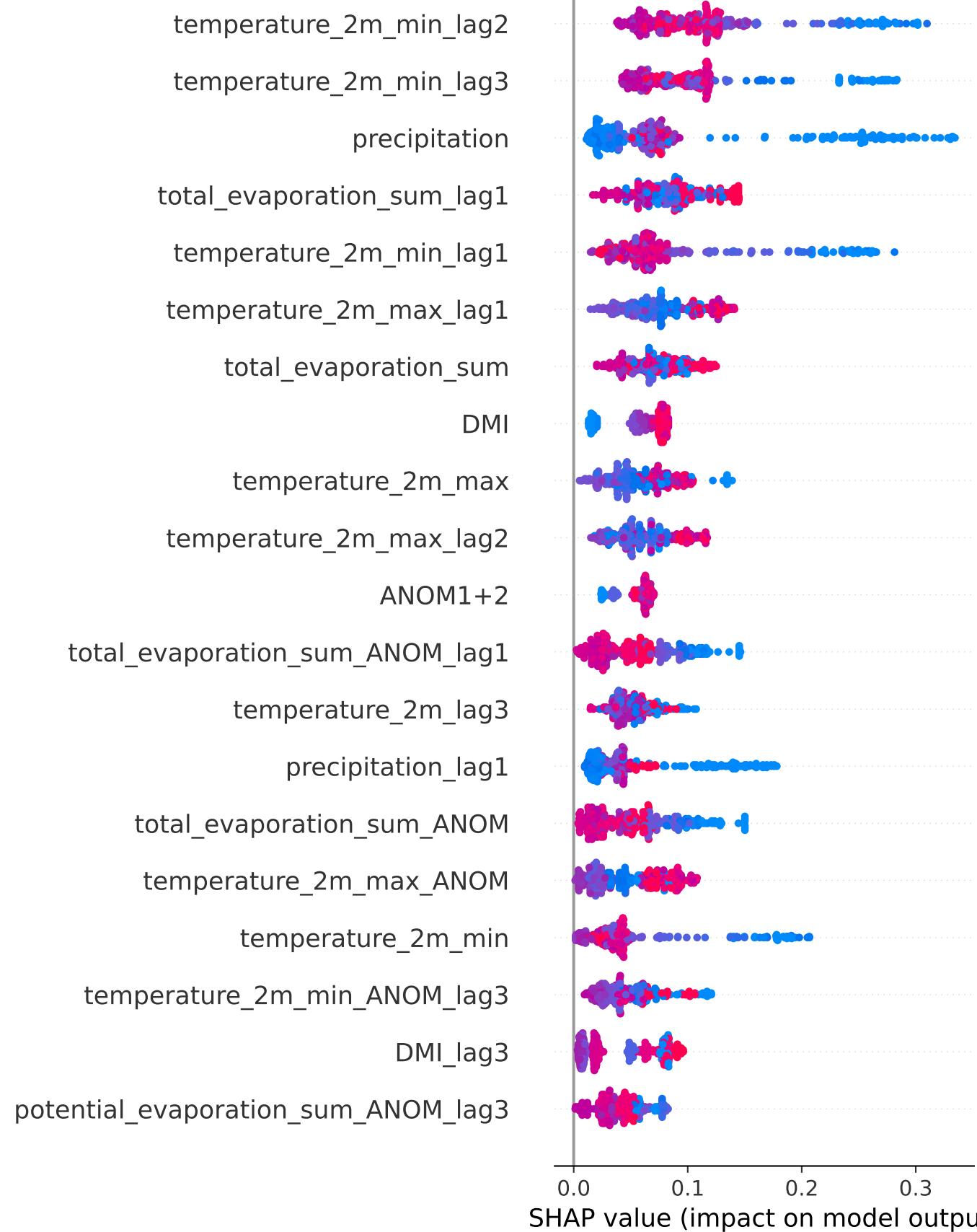


SHAP Beeswarm Plot - Nusa Tenggara

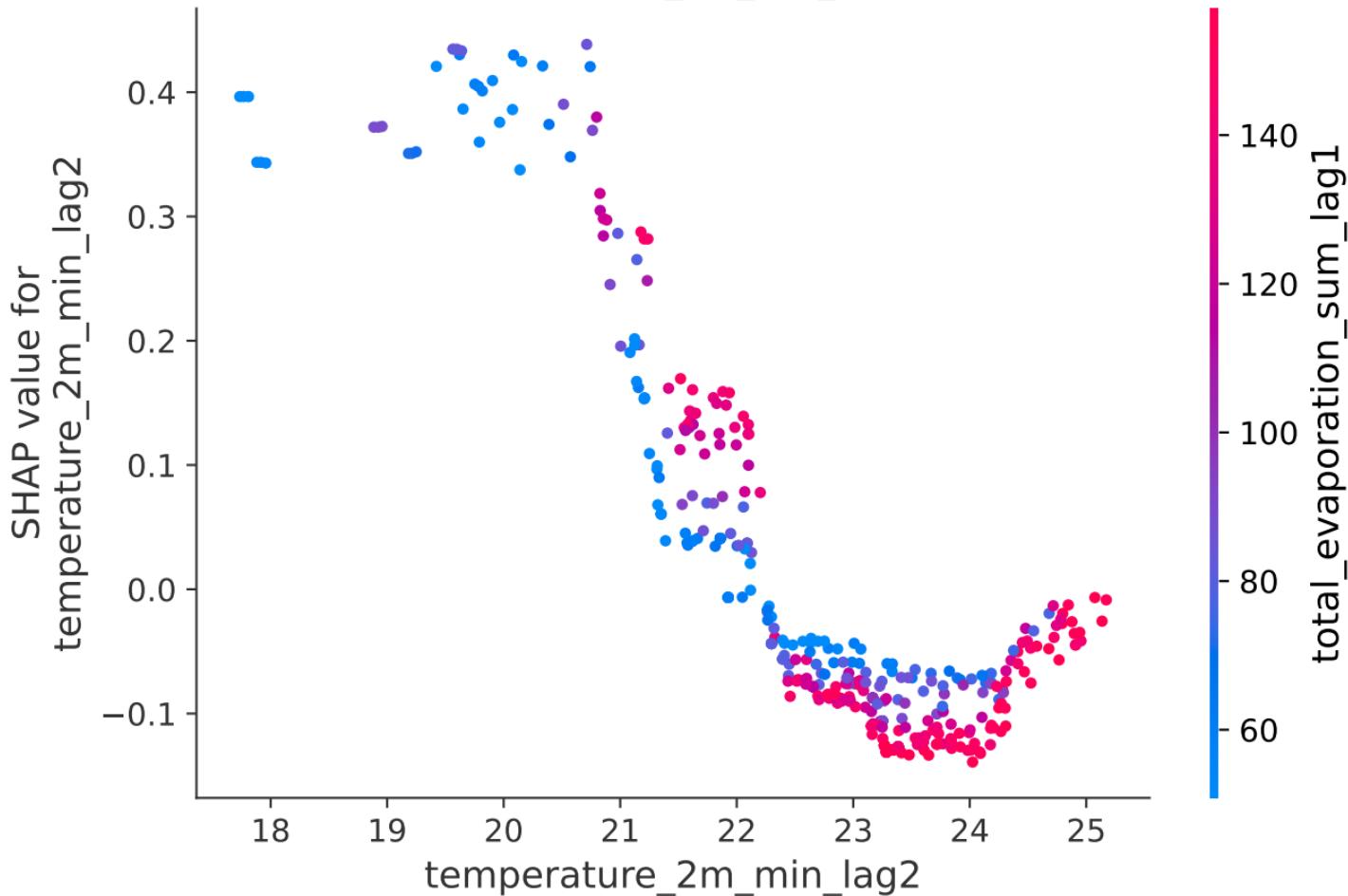
High

Feature value

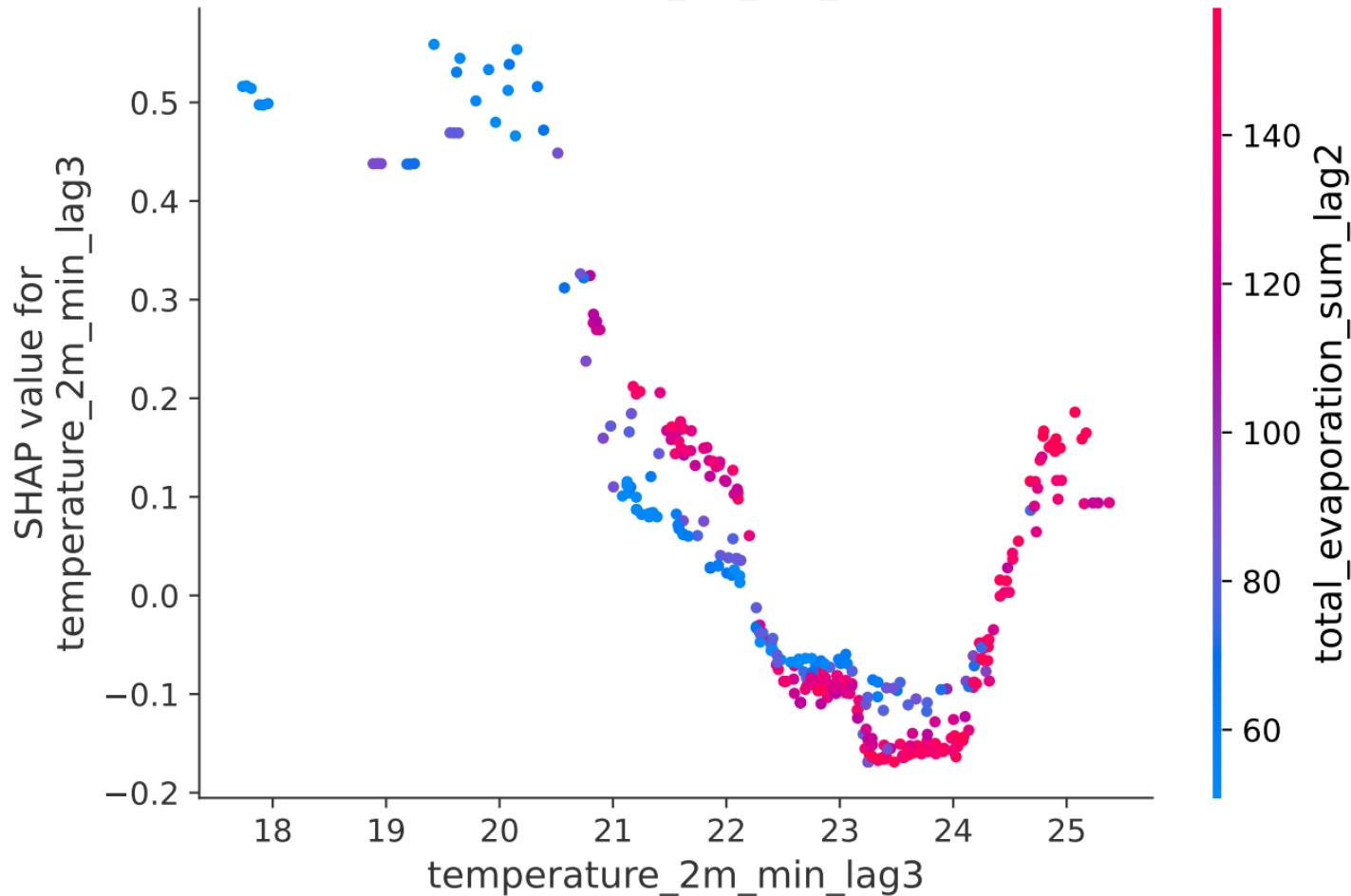
Low



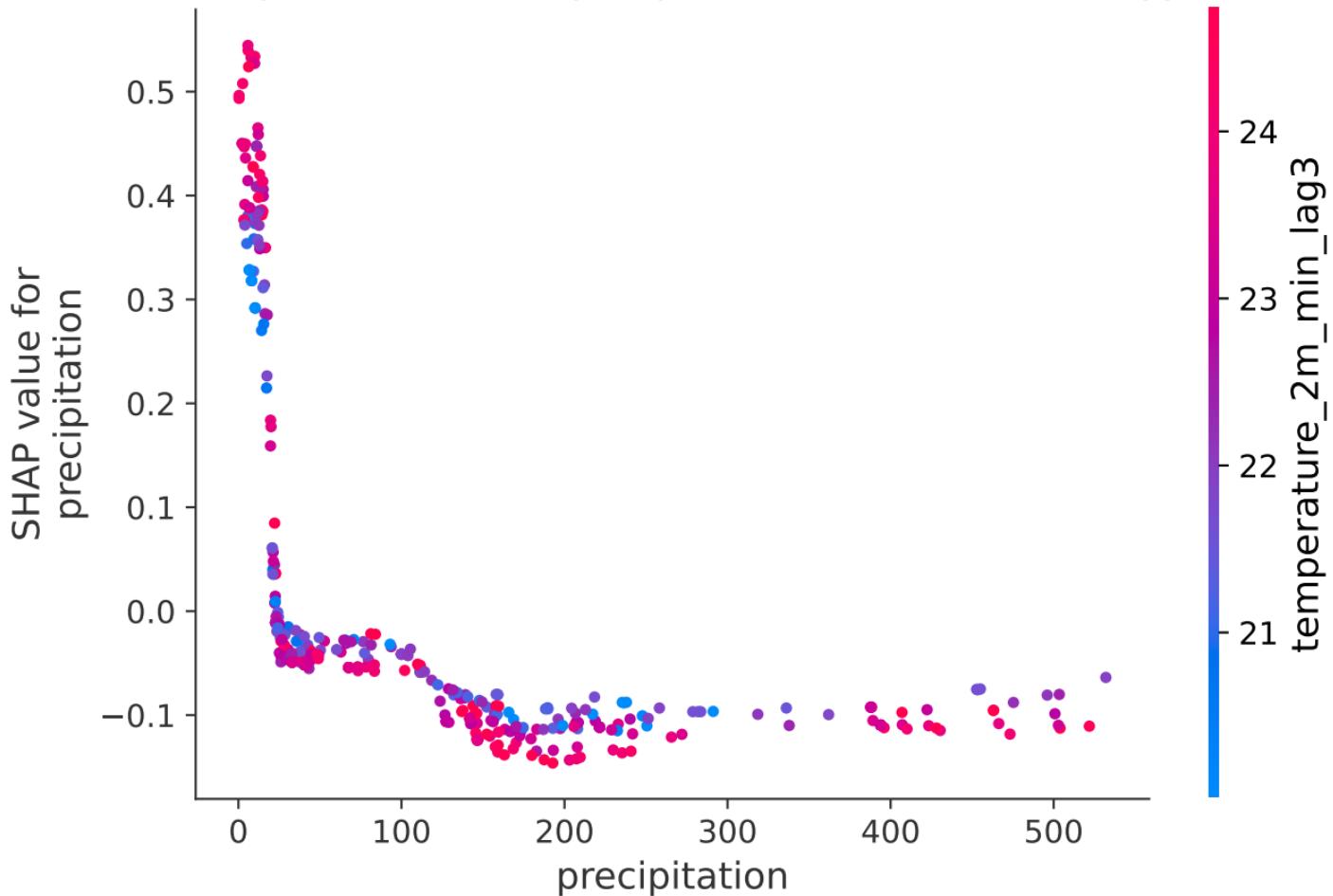
SHAP Dependence Plot for temperature_2m_min_lag2 (Class 0) - Nusa Tenggara



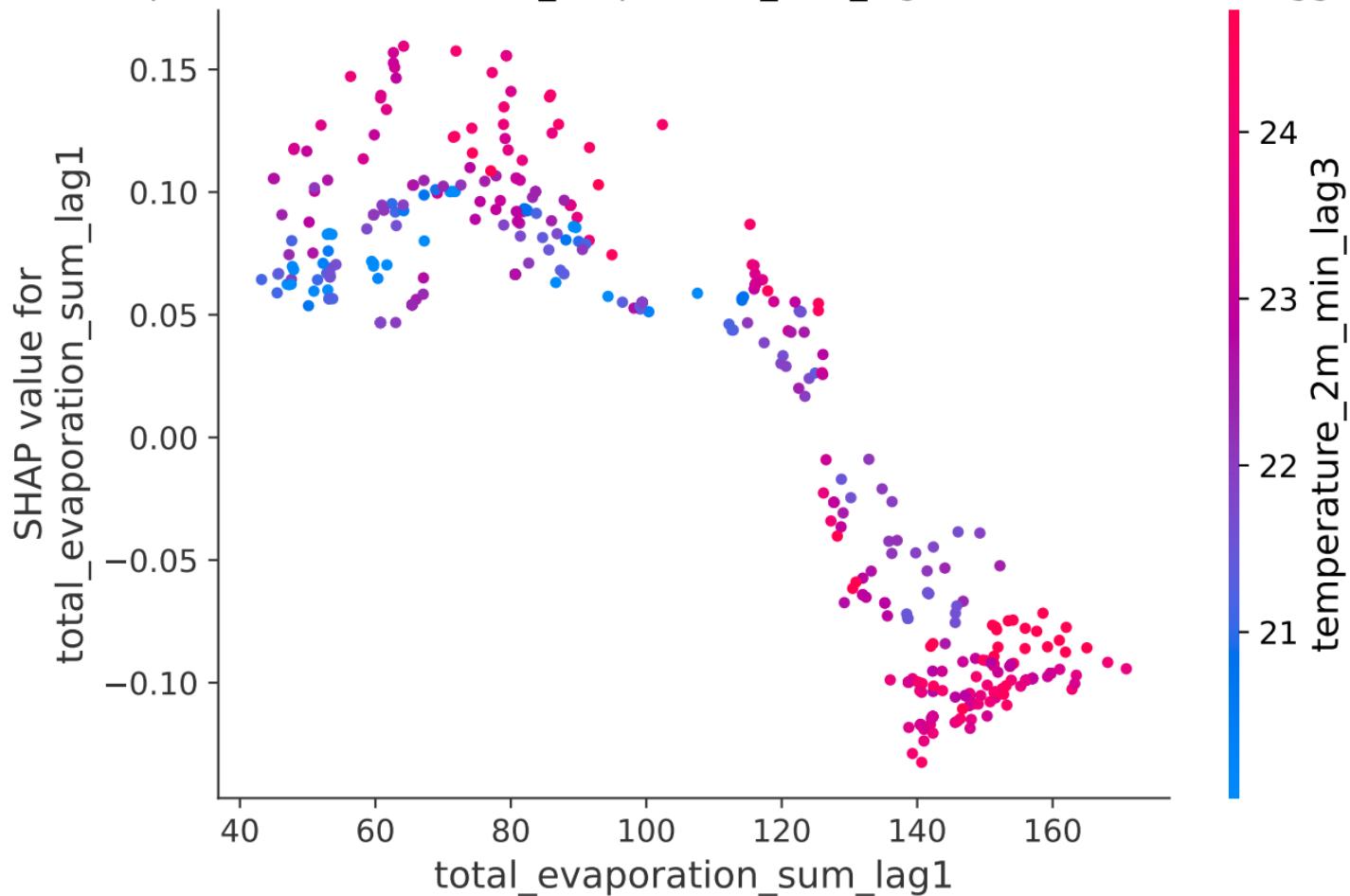
SHAP Dependence Plot for temperature_2m_min_lag3 (Class 0) - Nusa Tenggara



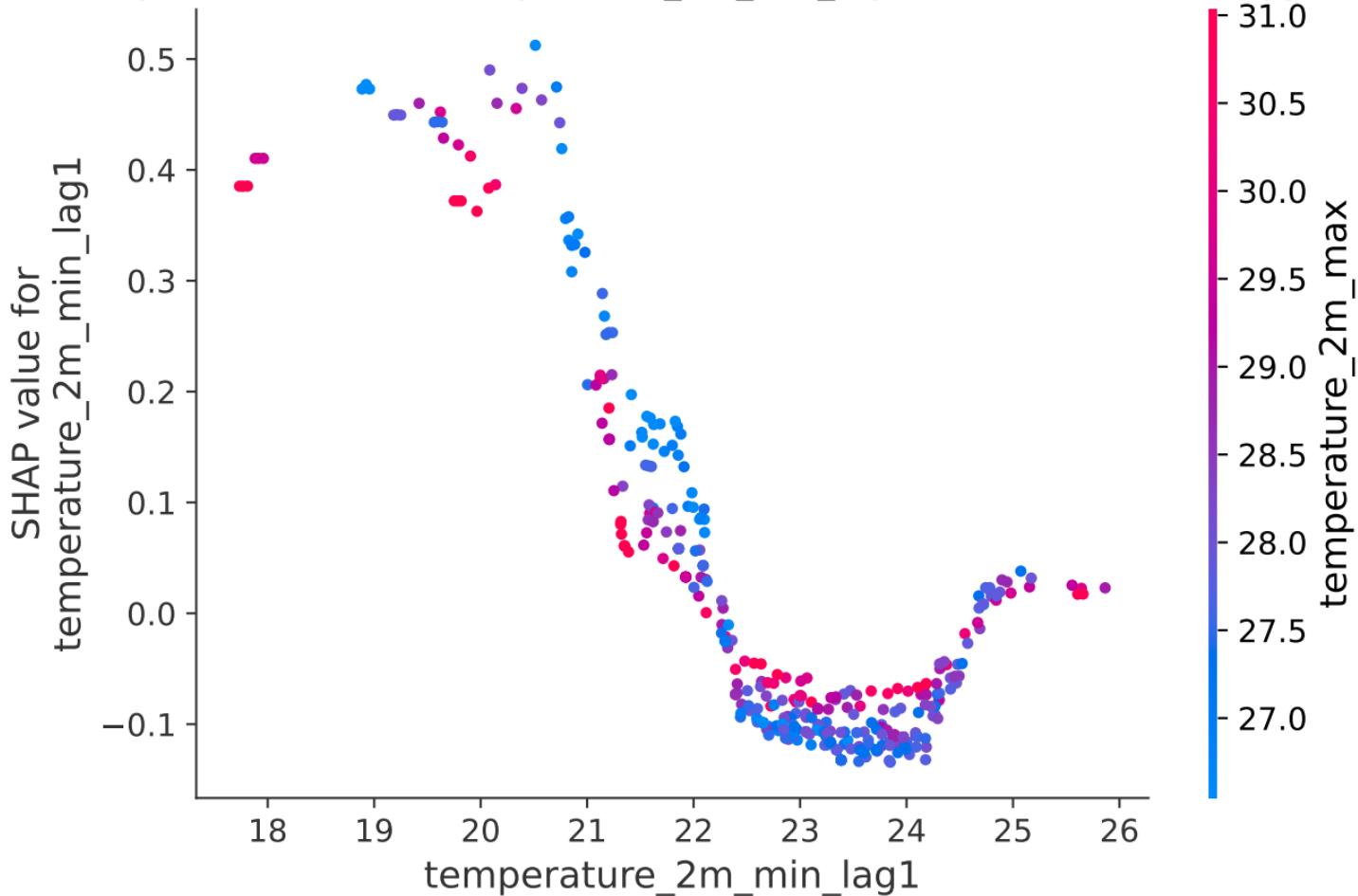
SHAP Dependence Plot for precipitation (Class 0) - Nusa Tenggara



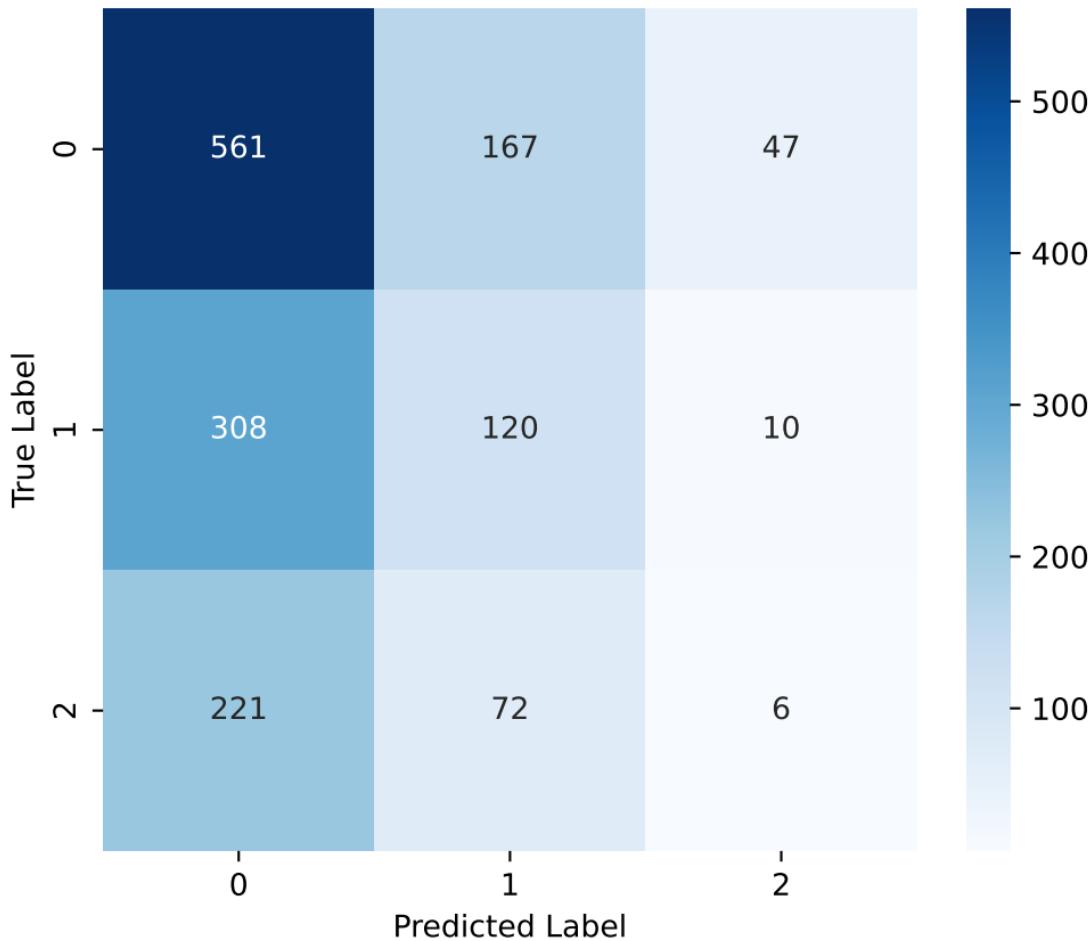
SHAP Dependence Plot for total_evaporation_sum_lag1 (Class 0) - Nusa Tenggara



SHAP Dependence Plot for temperature_2m_min_lag1 (Class 0) - Nusa Tenggara



Confusion Matrix - Java

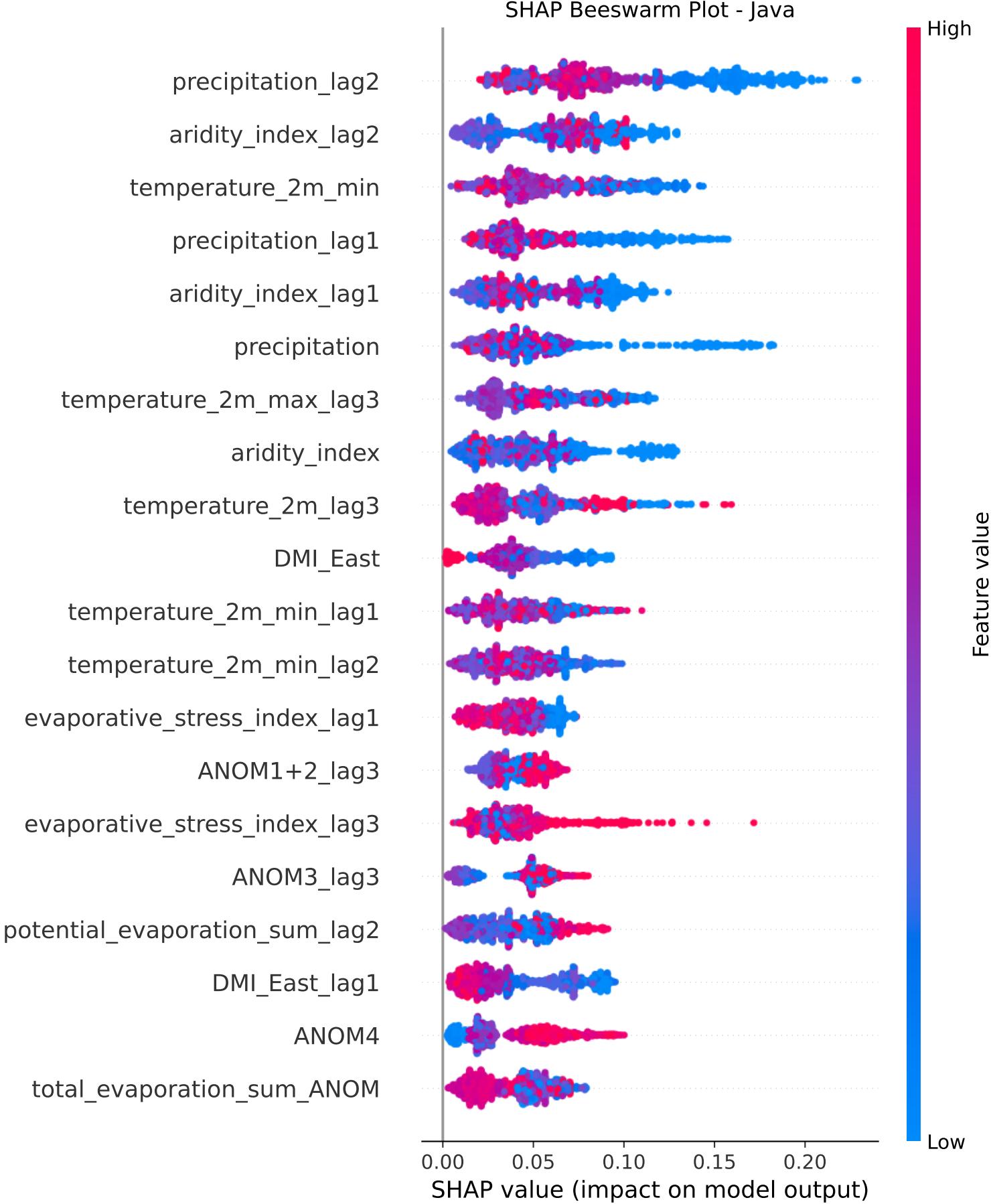


SHAP Beeswarm Plot - Java

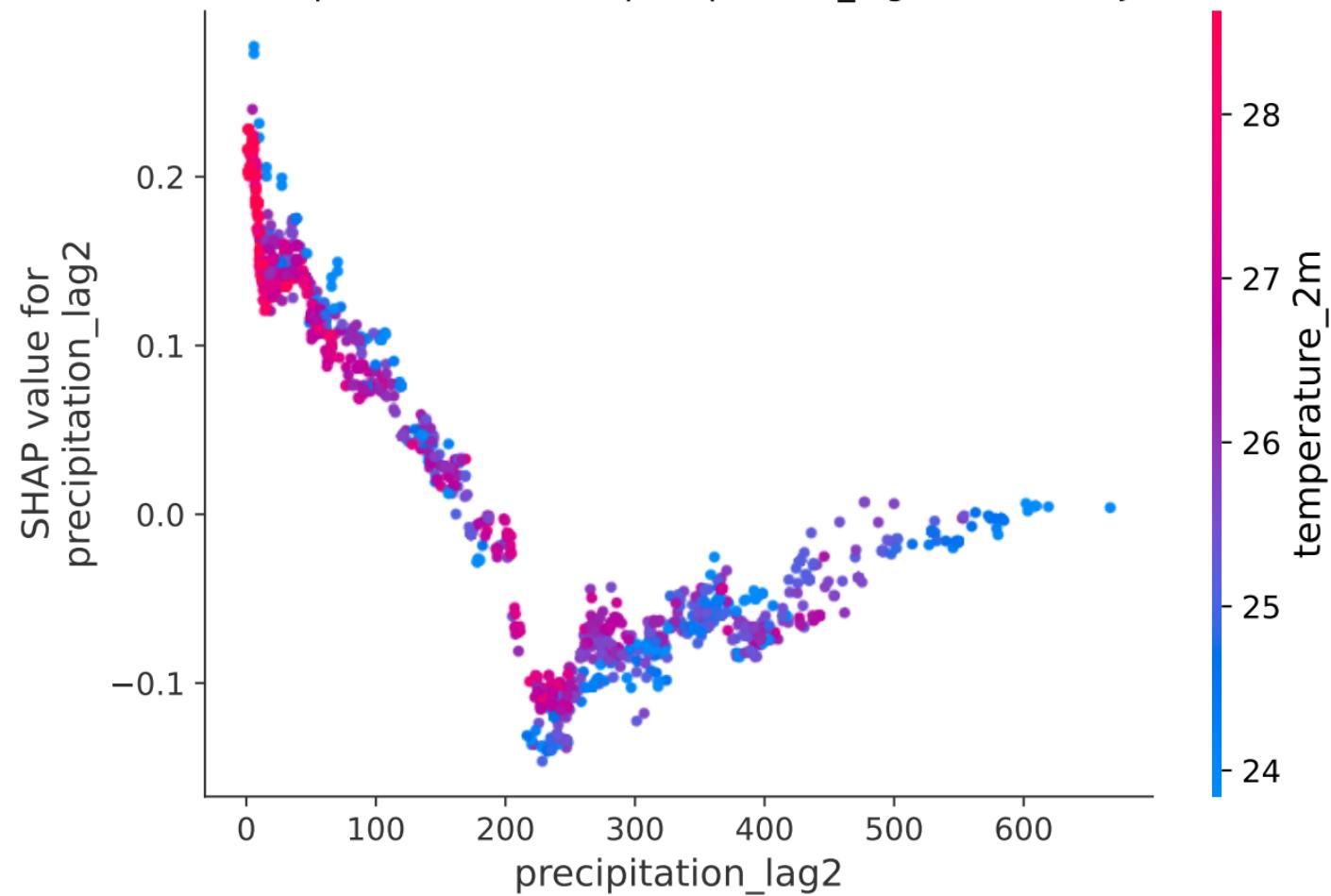
High

Feature value

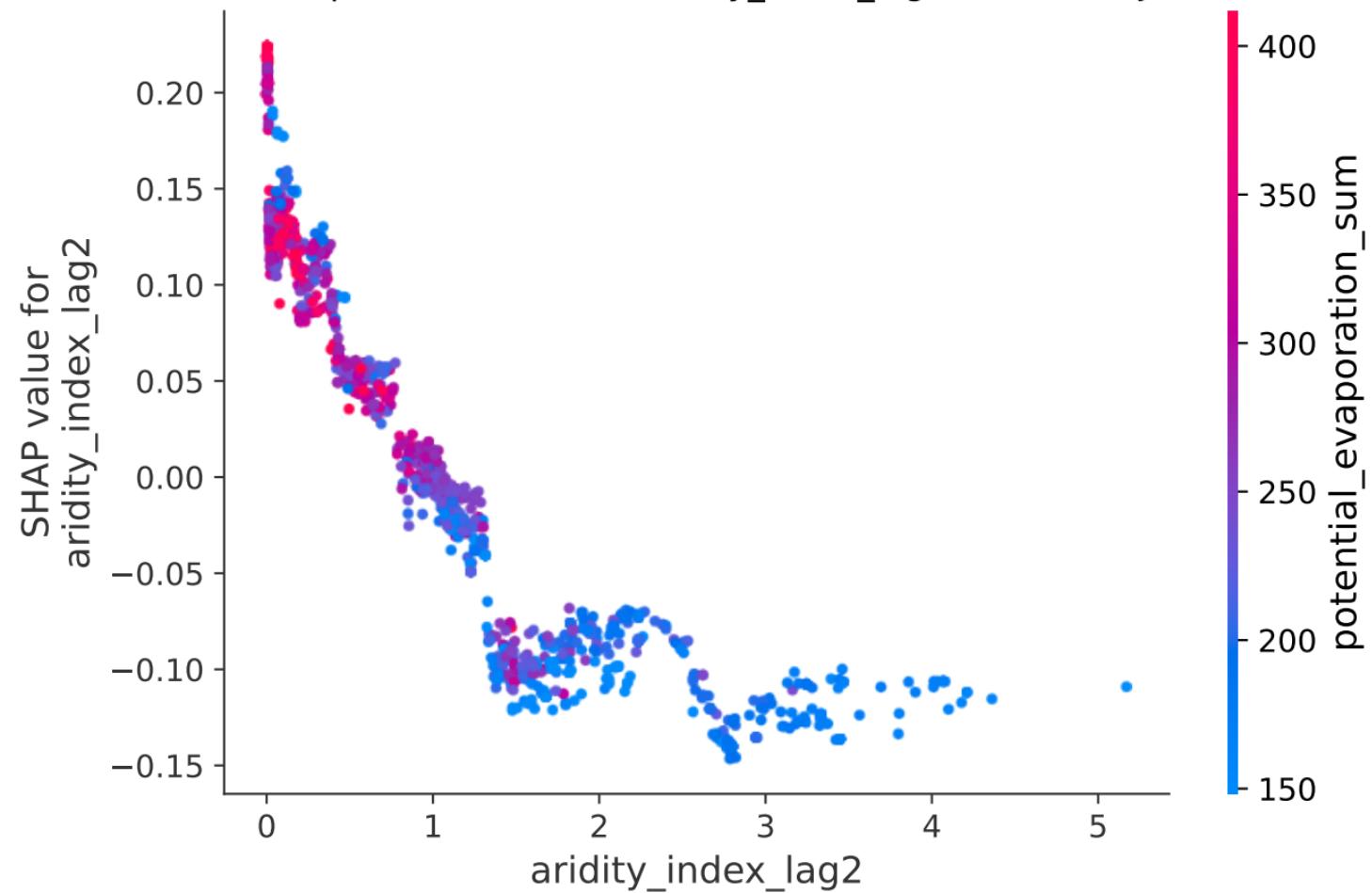
Low



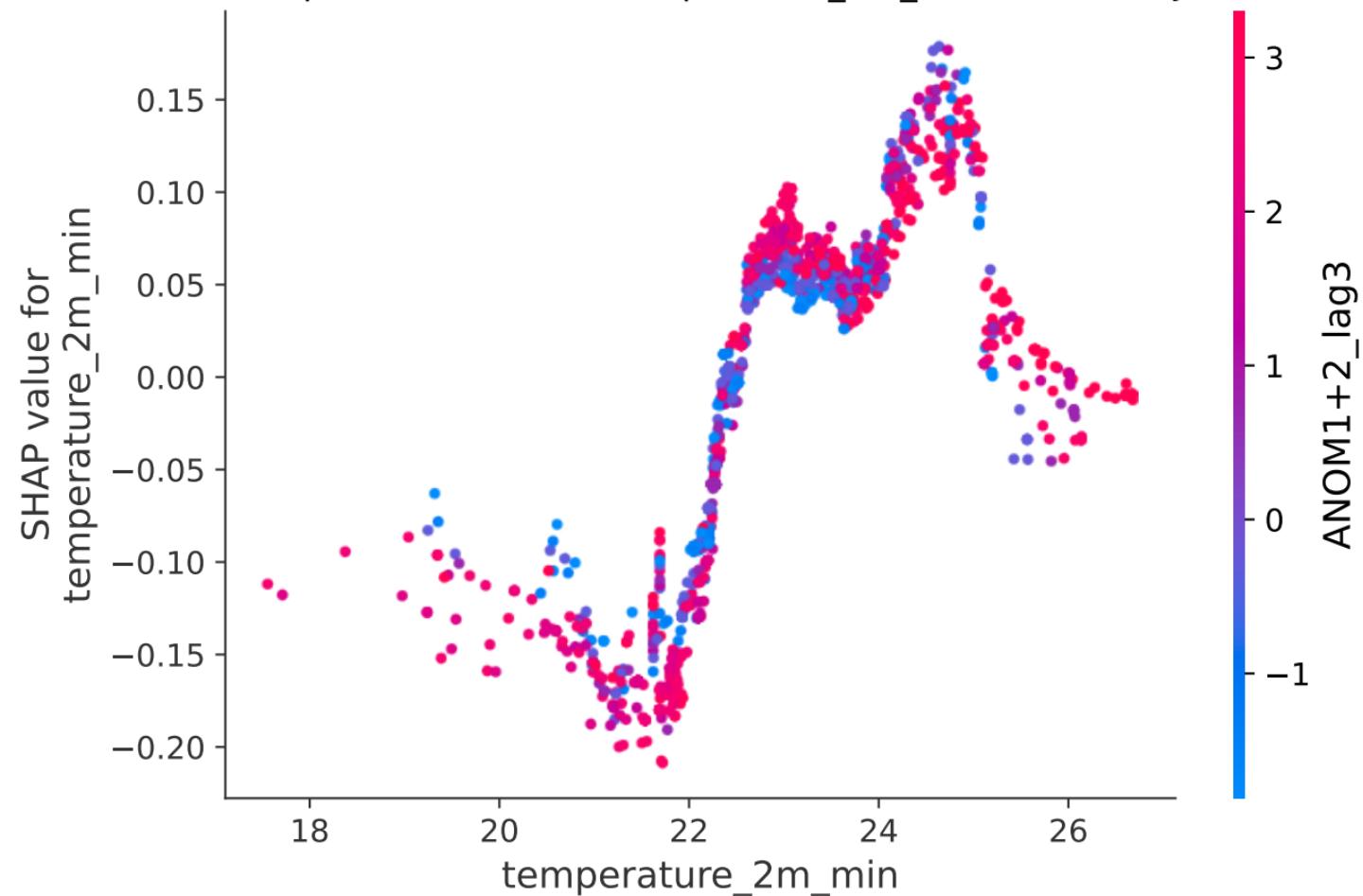
SHAP Dependence Plot for precipitation_lag2 (Class 0) - Java



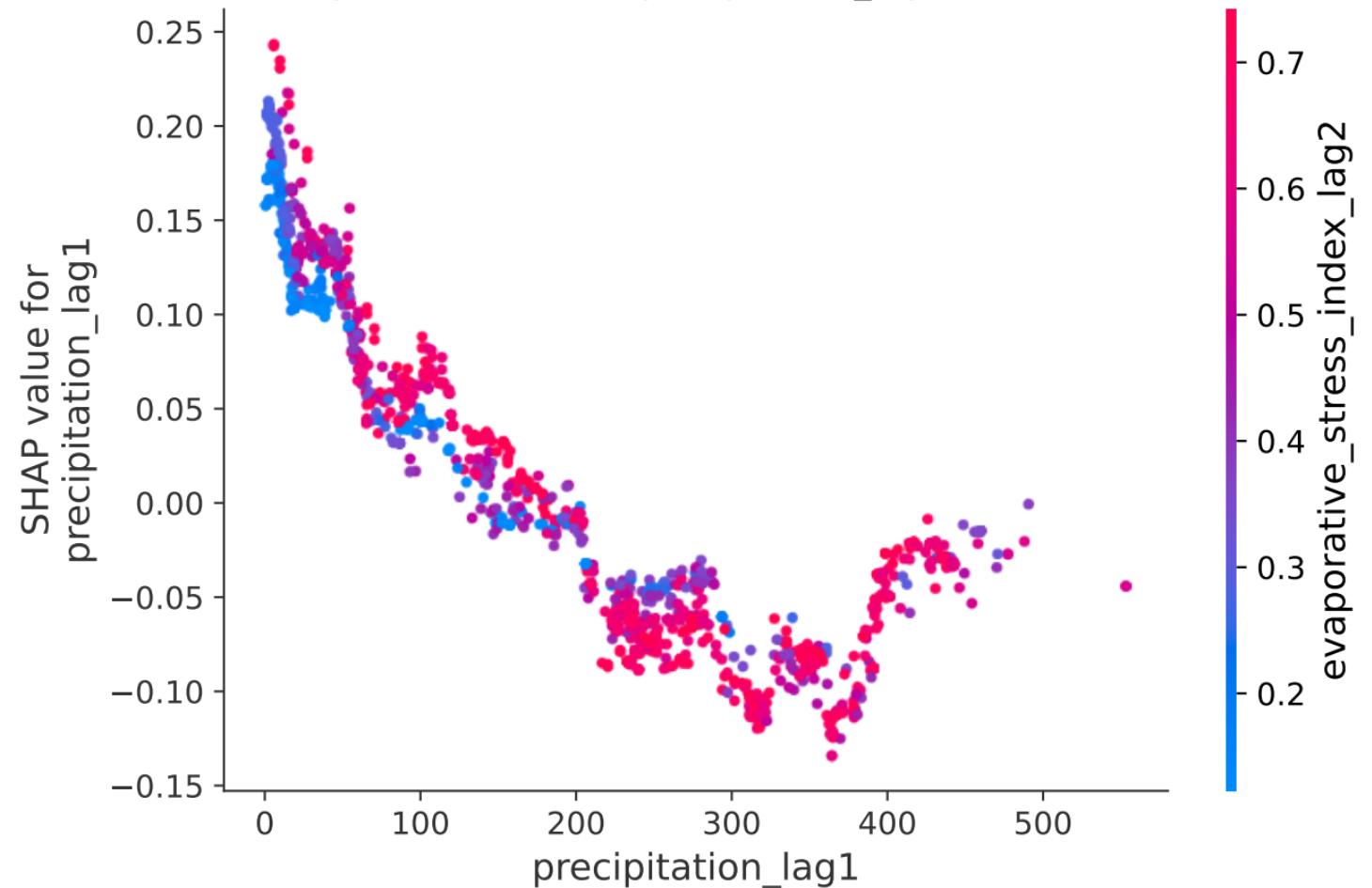
SHAP Dependence Plot for aridity_index_lag2 (Class 0) - Java



SHAP Dependence Plot for temperature_2m_min (Class 0) - Java



SHAP Dependence Plot for precipitation_lag1 (Class 0) - Java



SHAP Dependence Plot for aridity_index_lag1 (Class 0) - Java

SHAP value for
aridity_index_lag1

0.15

0.10

0.05

0.00

-0.05

-0.10

0.0

aridity_index_lag1

2.0

1.5

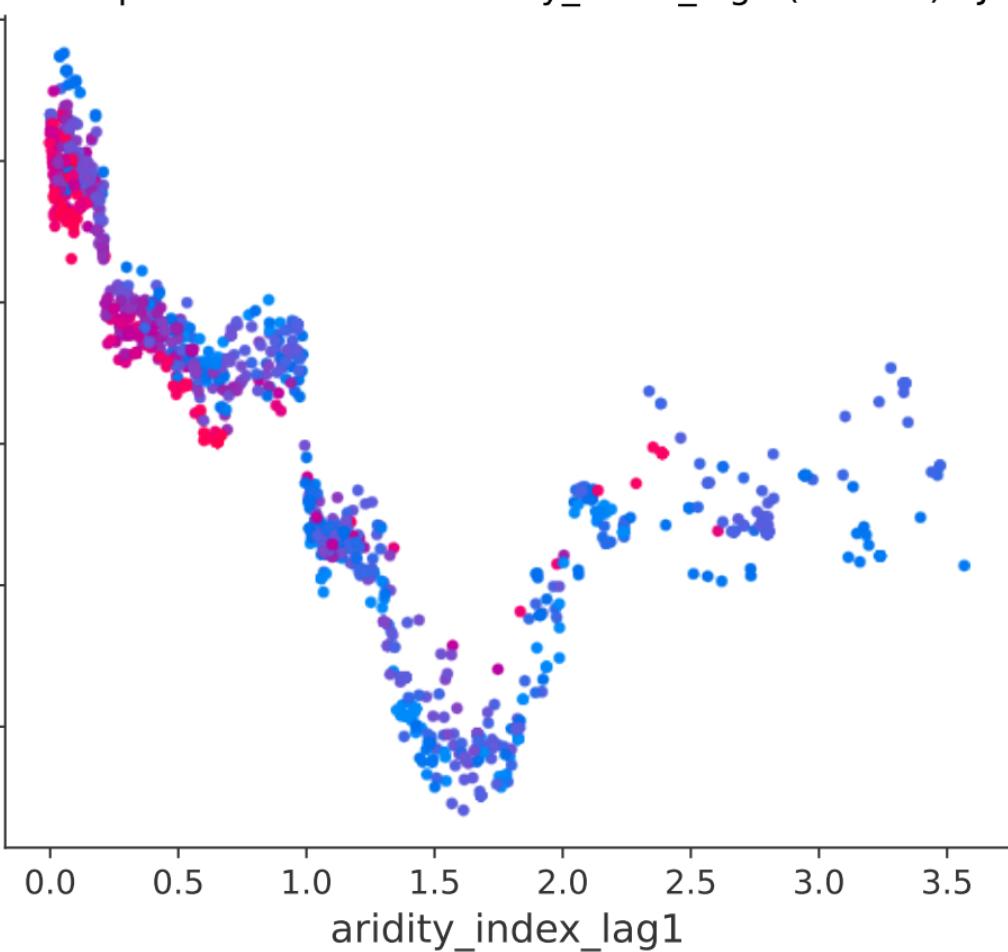
1.0

0.5

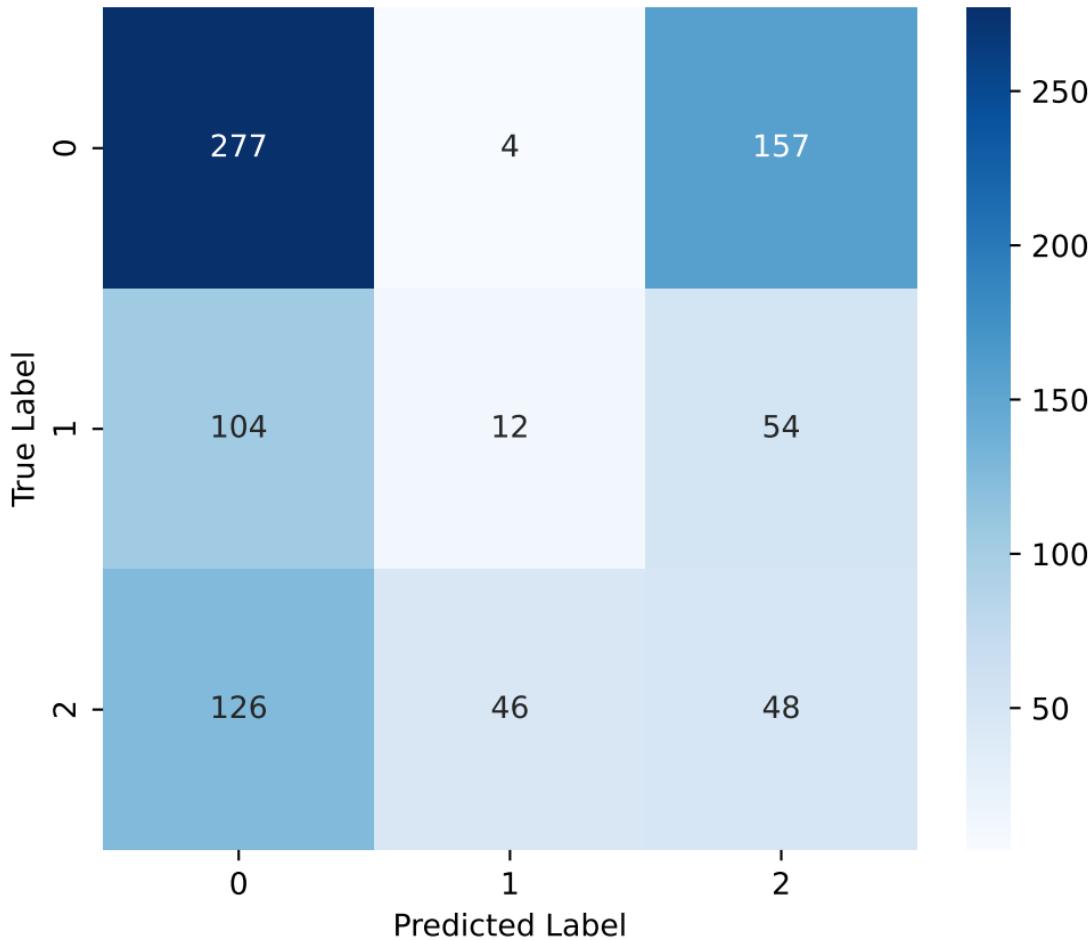
0.0

temperature_2m_max_ANOM

0.5 1.0 1.5 2.0 2.5 3.0 3.5



Confusion Matrix - Sulawesi



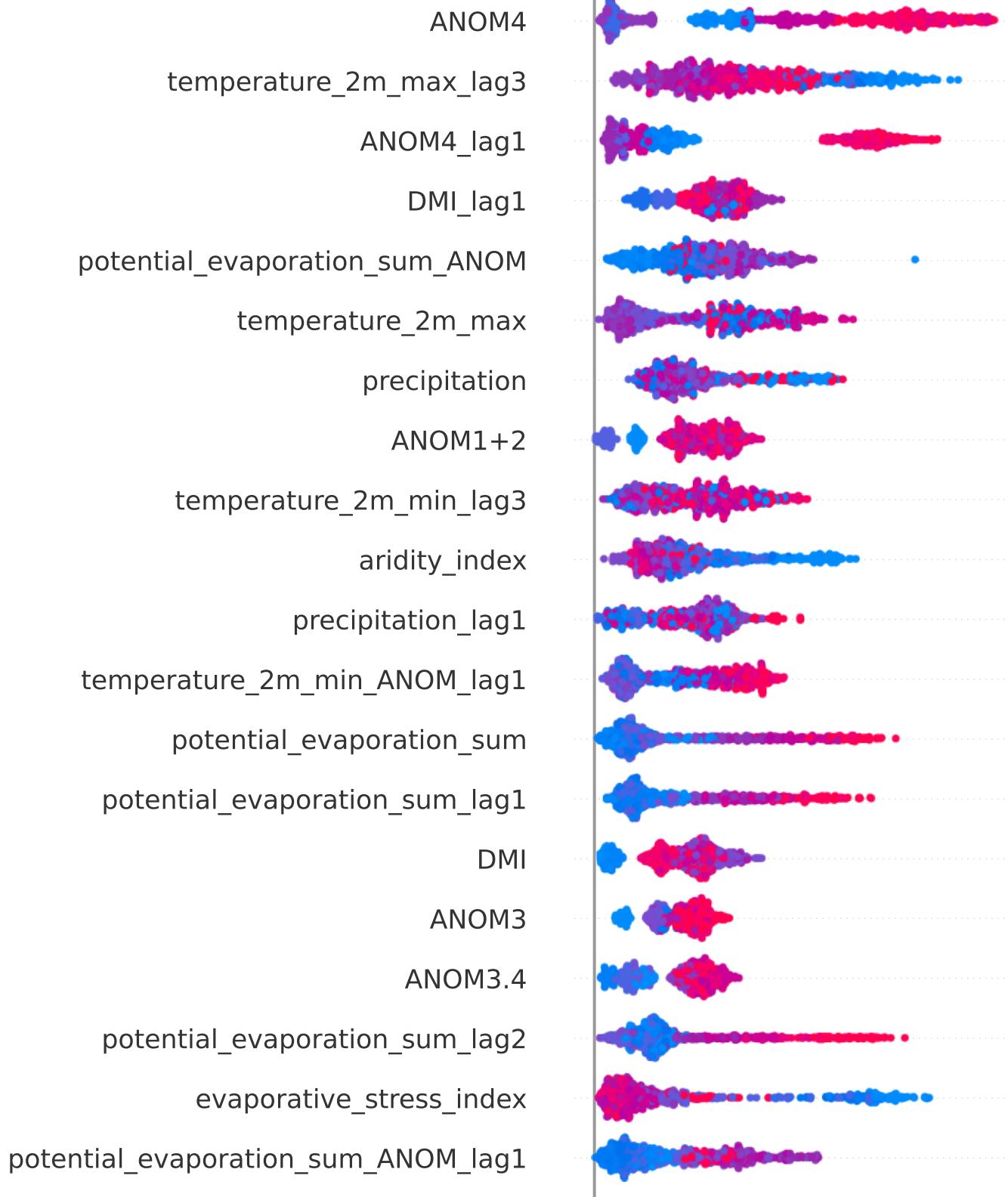
SHAP Beeswarm Plot - Sulawesi

High

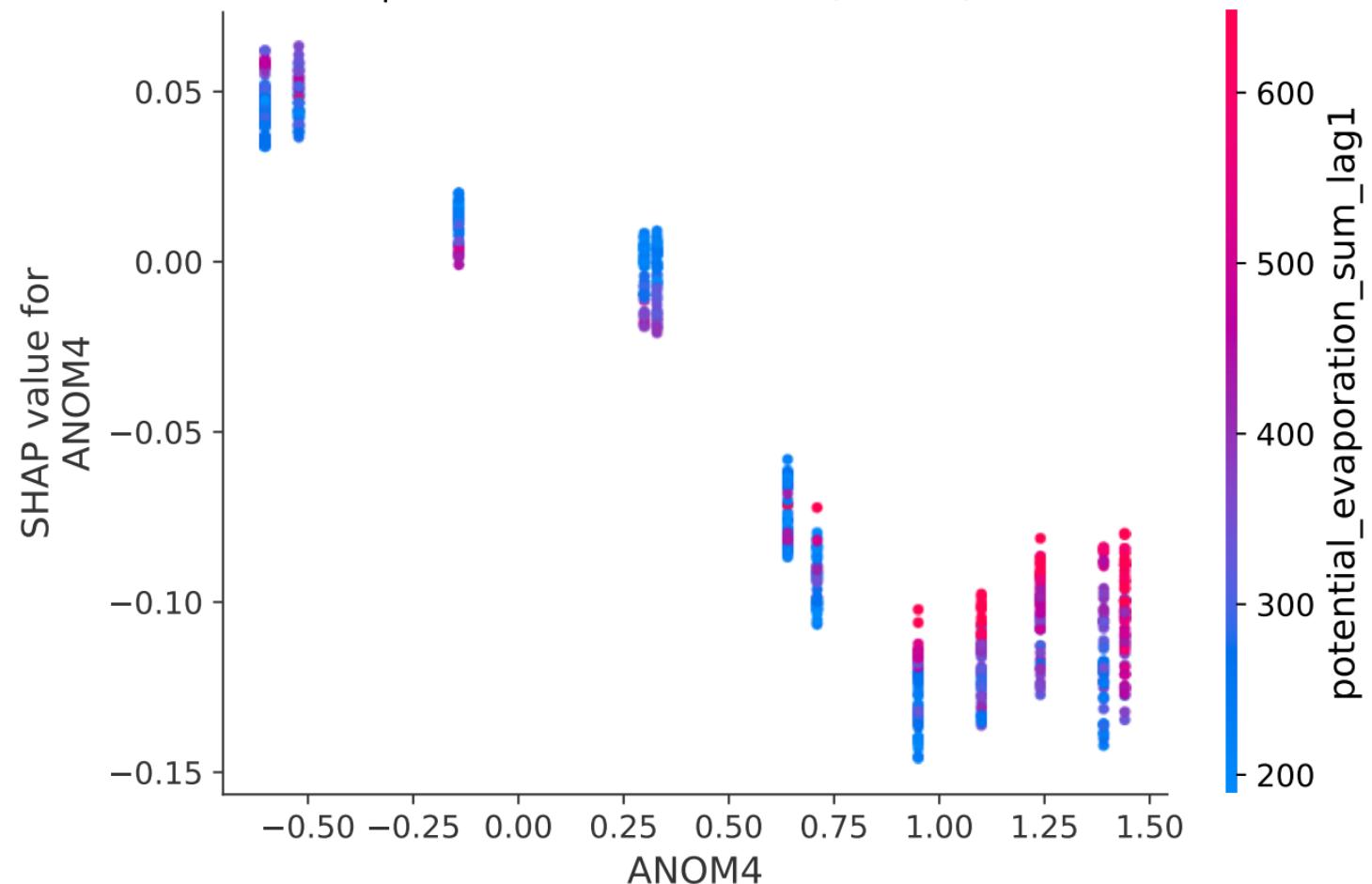
Feature value

Low

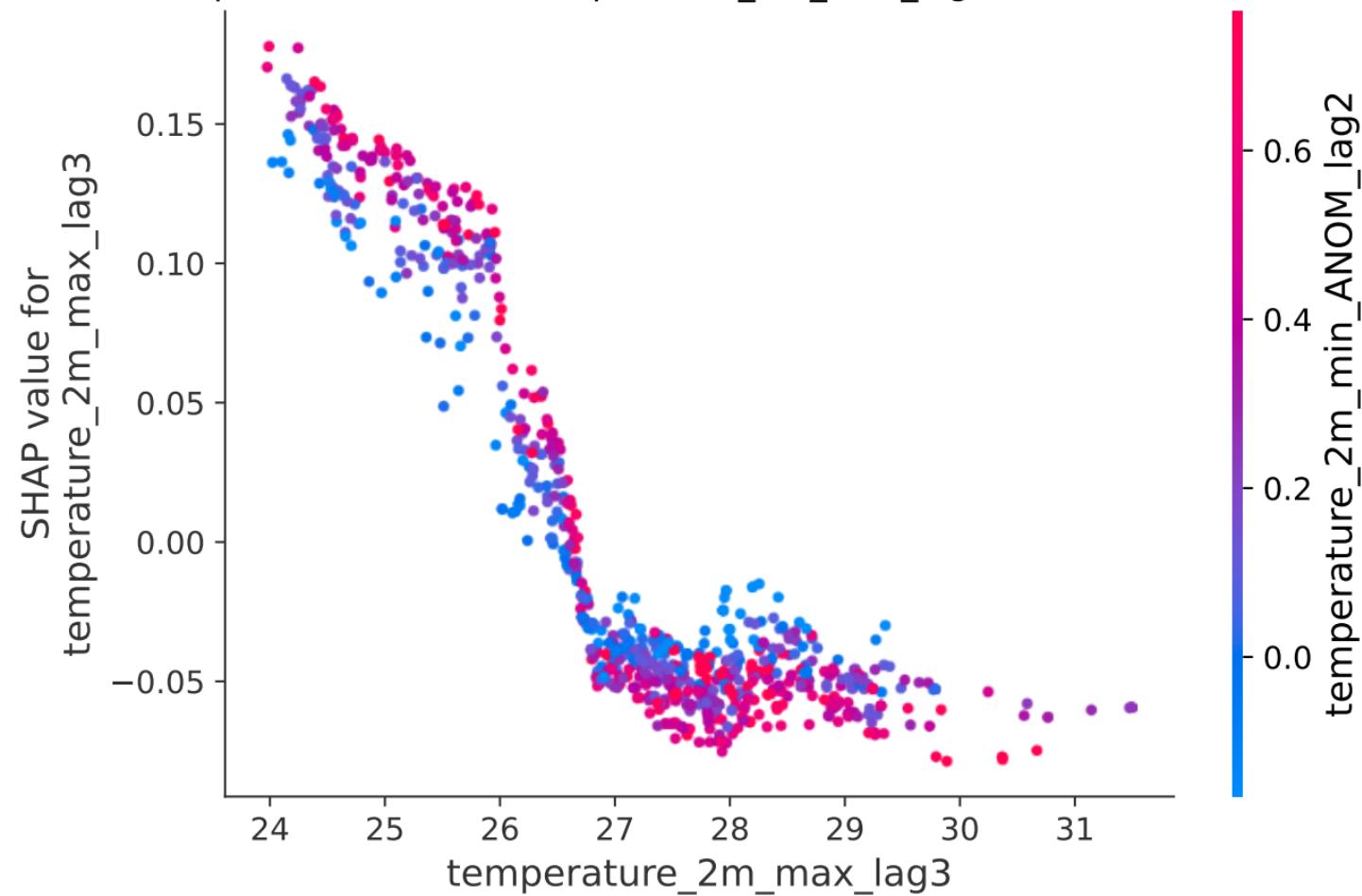
SHAP value (impact on model output)



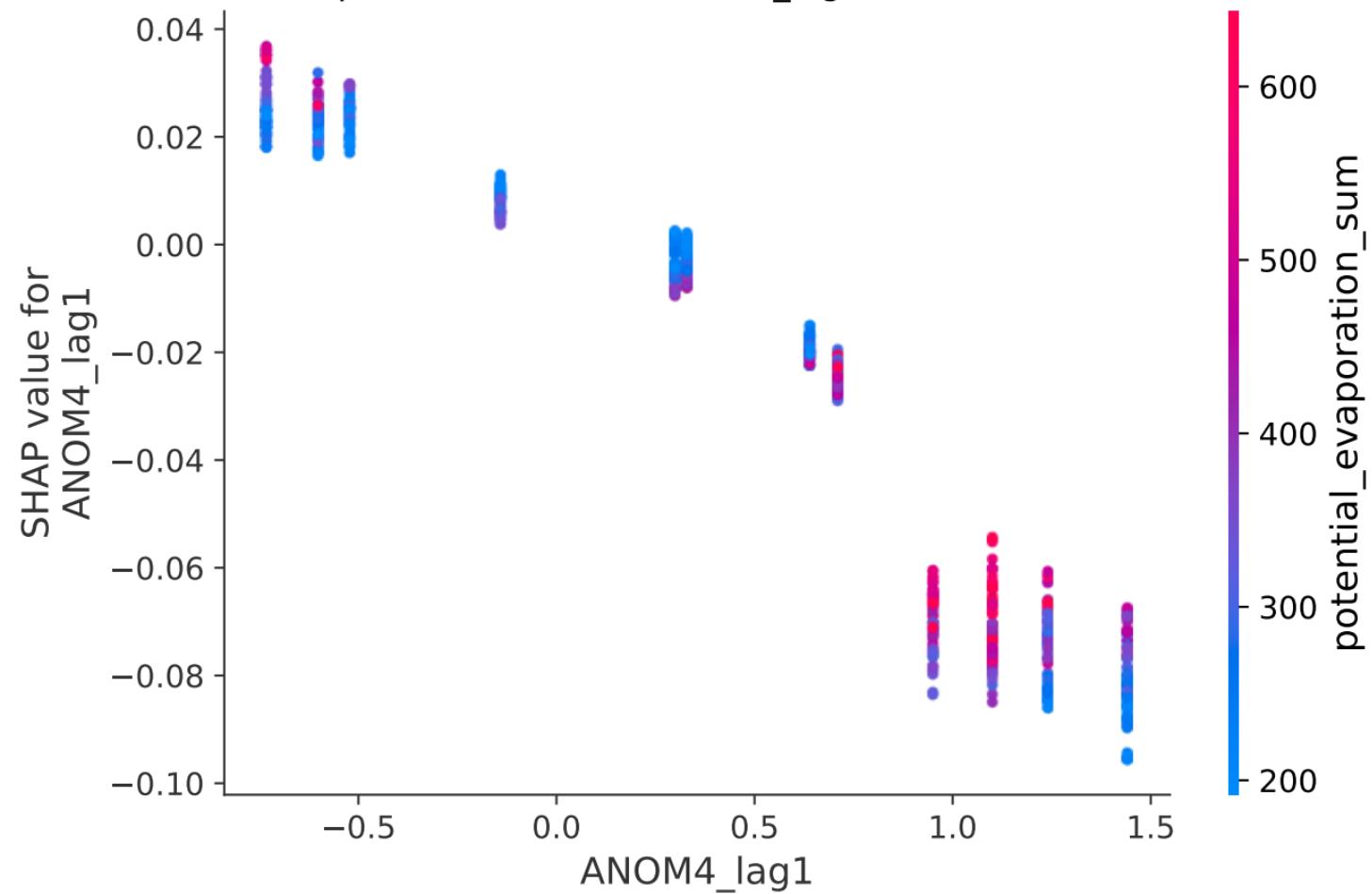
SHAP Dependence Plot for ANOM4 (Class 0) - Sulawesi



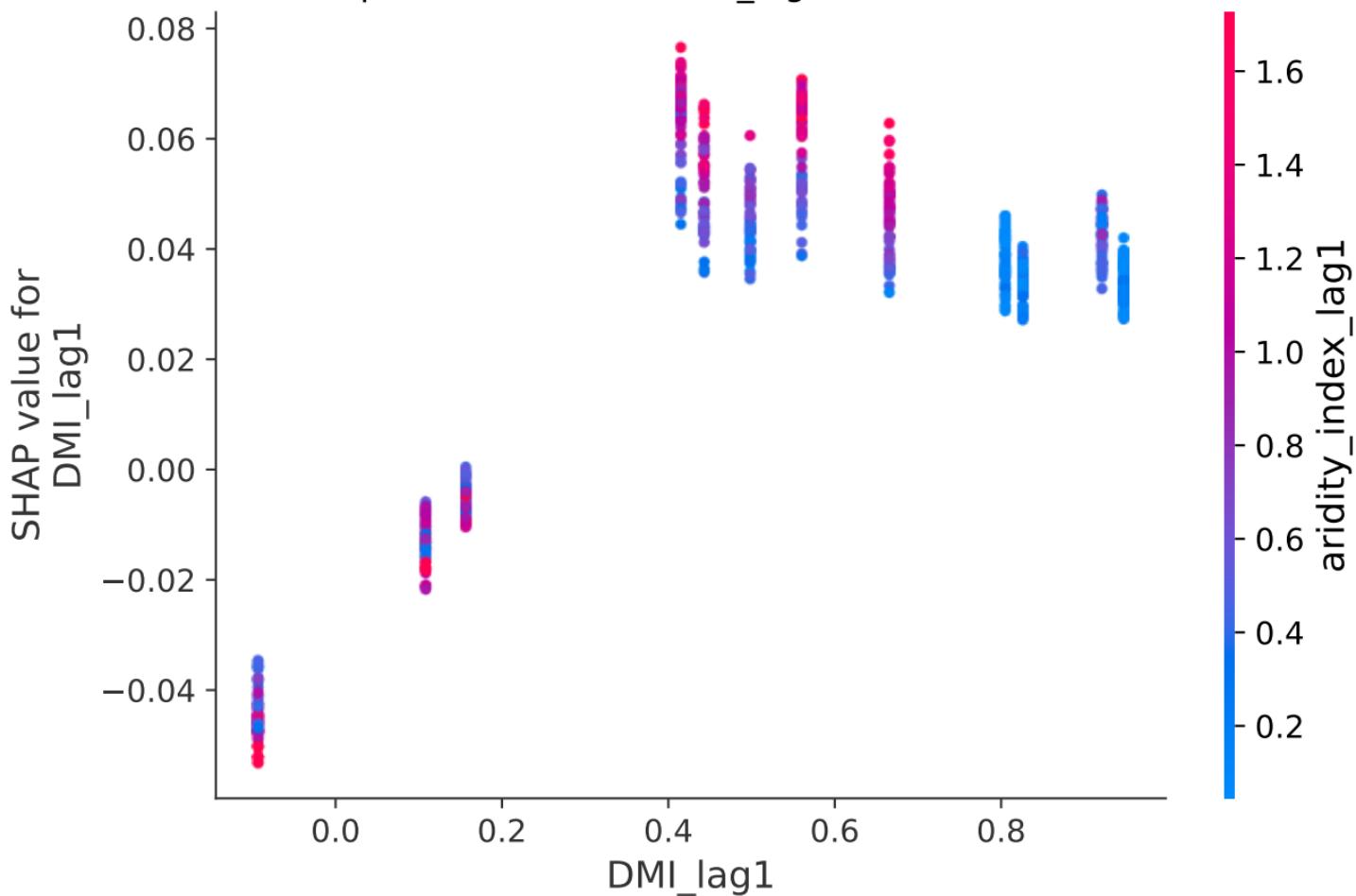
SHAP Dependence Plot for temperature_2m_max_lag3 (Class 0) - Sulawesi



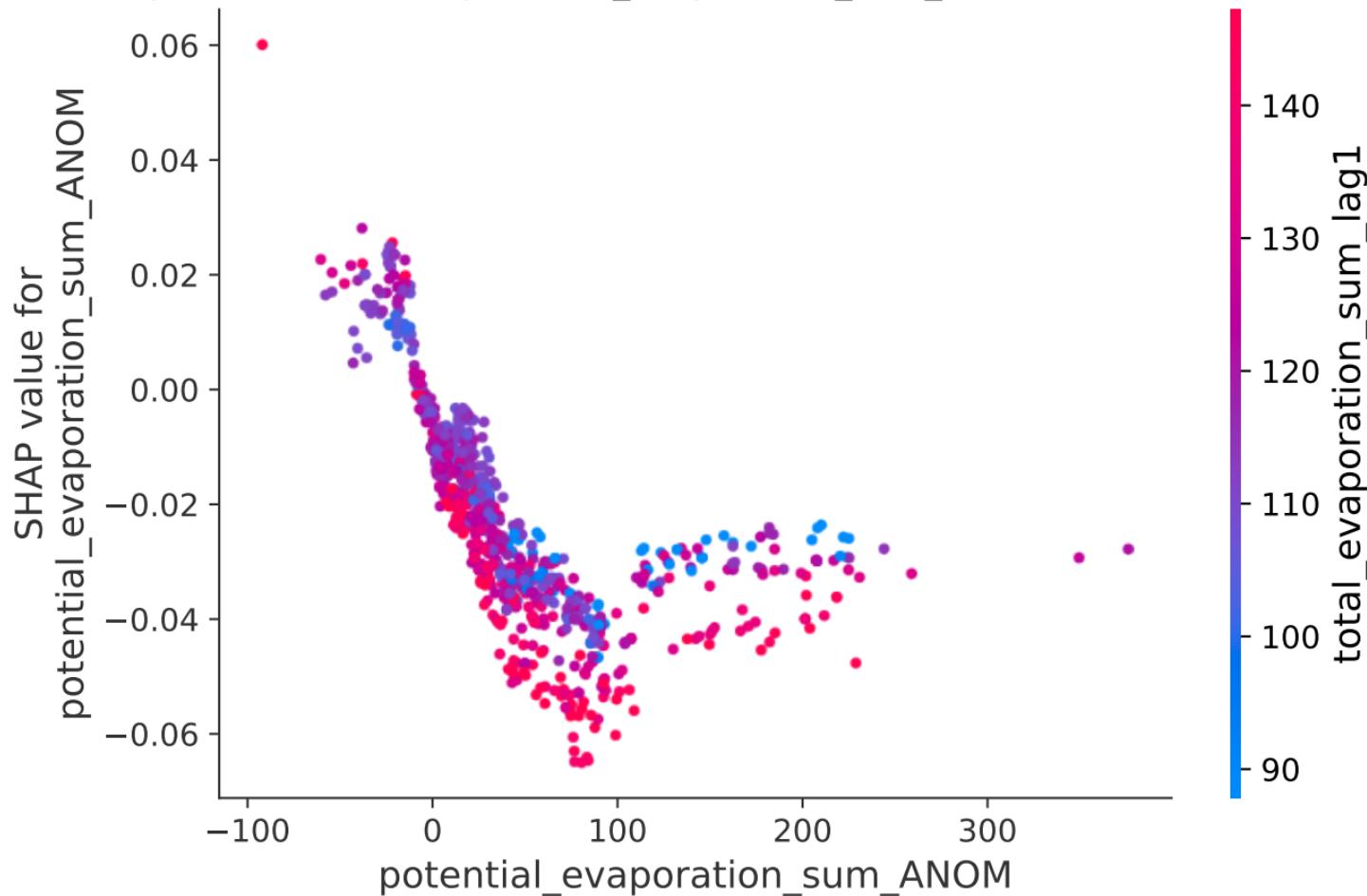
SHAP Dependence Plot for ANOM4_lag1 (Class 0) - Sulawesi



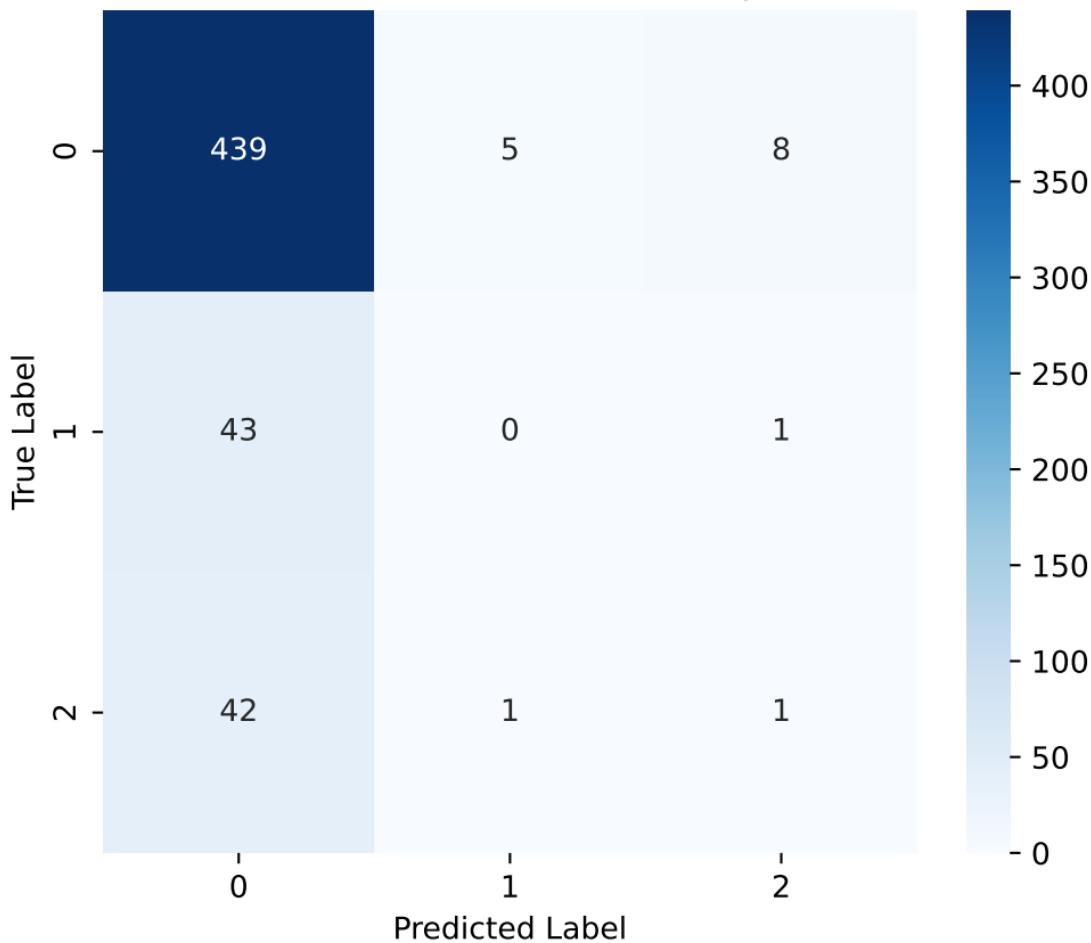
SHAP Dependence Plot for DMI_lag1 (Class 0) - Sulawesi



SHAP Dependence Plot for potential_evaporation_sum_ANOM (Class 0) - Sulawesi



Confusion Matrix - Maluku-Papua



SHAP Beeswarm Plot - Maluku-Papua

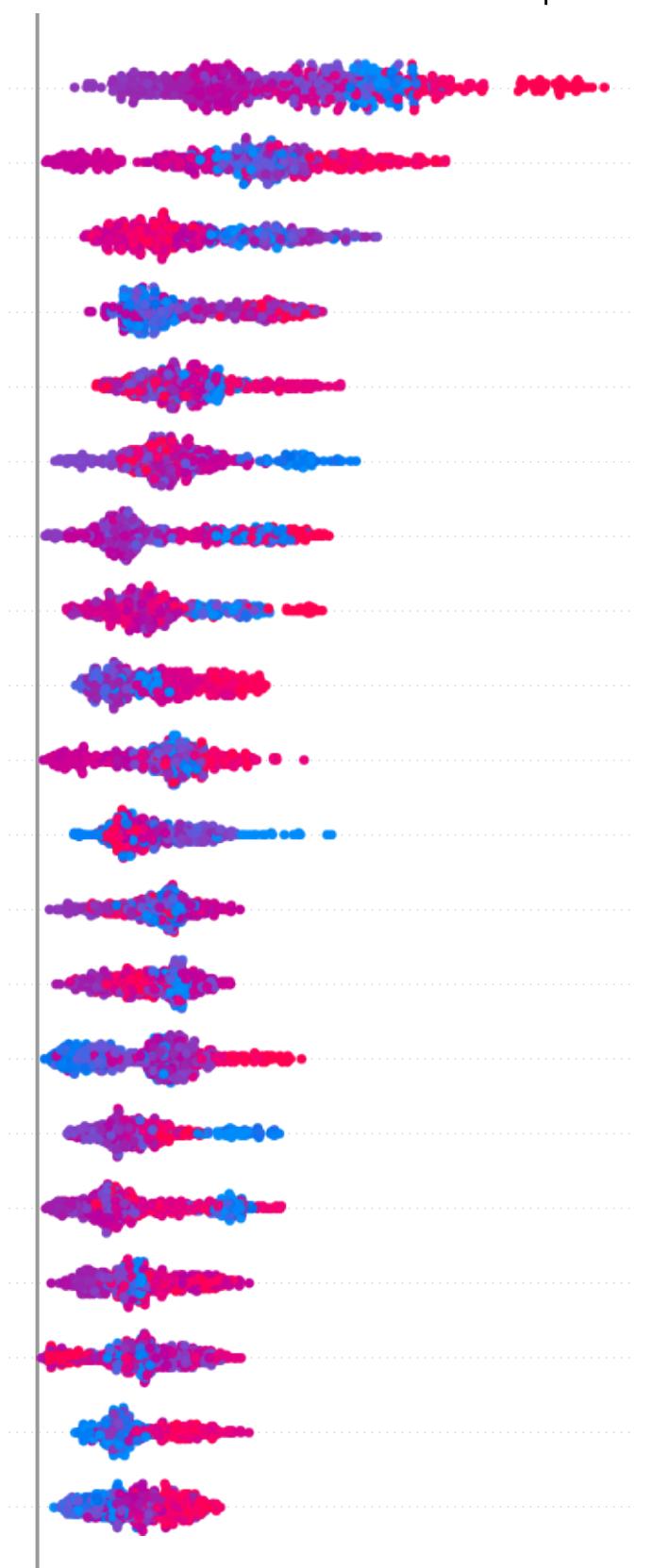
High

temperature_2m_max_lag3
total_evaporation_sum
evaporative_stress_index
aridity_index
total_evaporation_sum_lag3
temperature_2m_max
temperature_2m_max_lag2
temperature_2m_lag3
DMI_lag3
total_evaporation_sum_lag1
temperature_2m_min_ANOM_lag2
precipitation
temperature_2m_min_lag3
aridity_index_lag2
temperature_2m_max_lag1
total_evaporation_sum_lag2
temperature_2m_min_lag1
temperature_2m_min_lag2
ANOM3.4_lag3
temperature_2m_ANOM_lag1

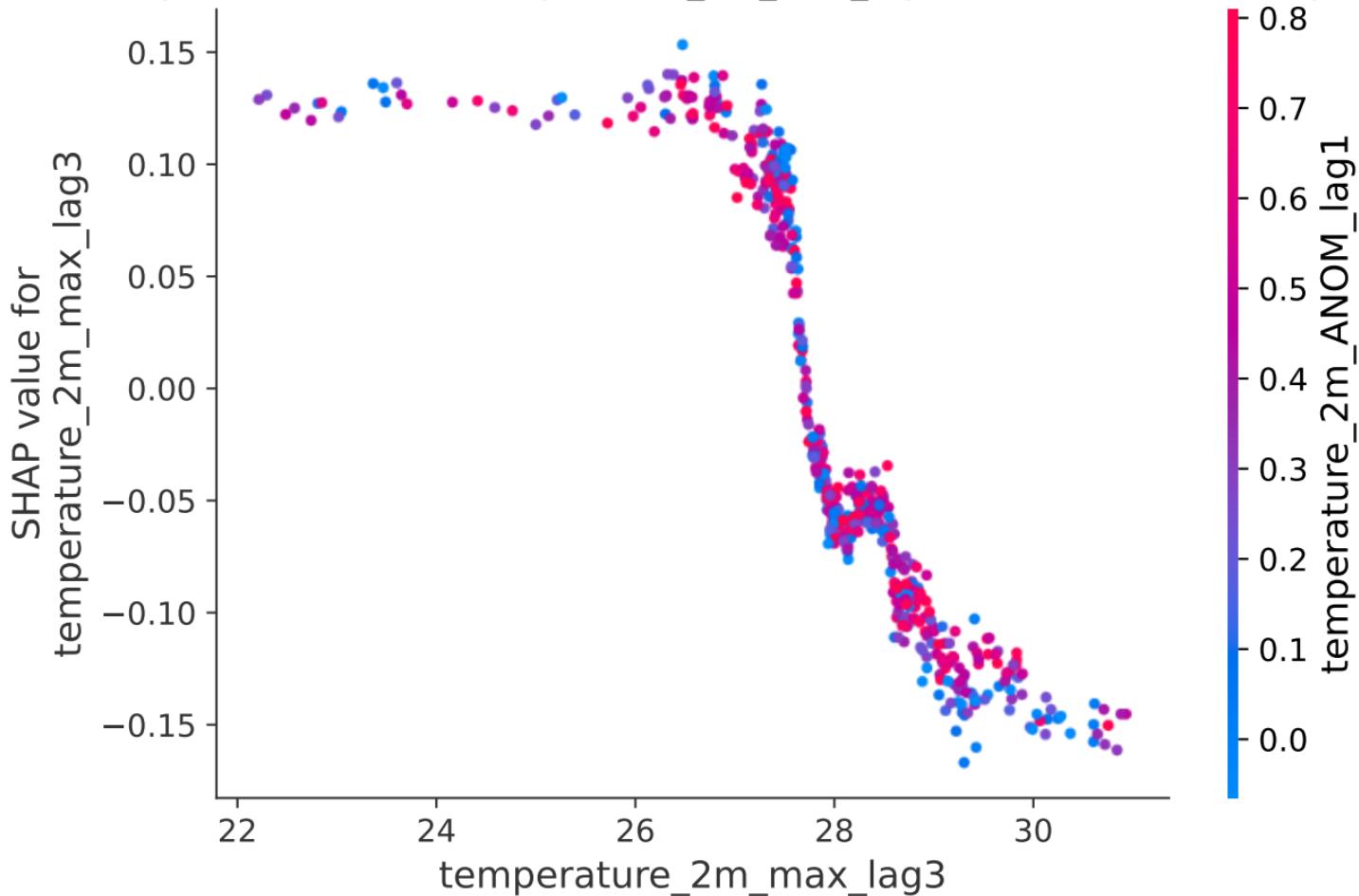
SHAP value (impact on model output)

Feature value

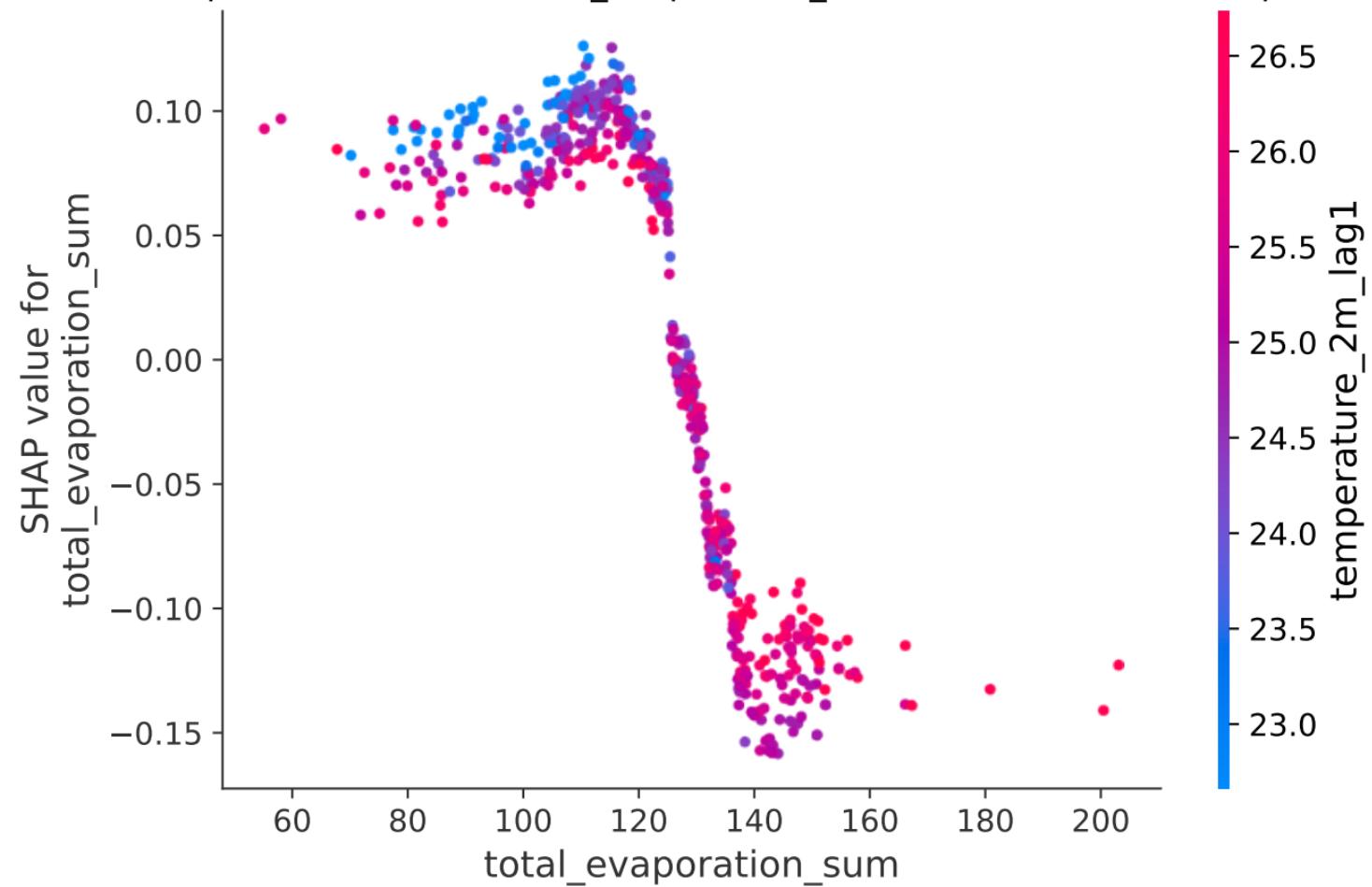
Low



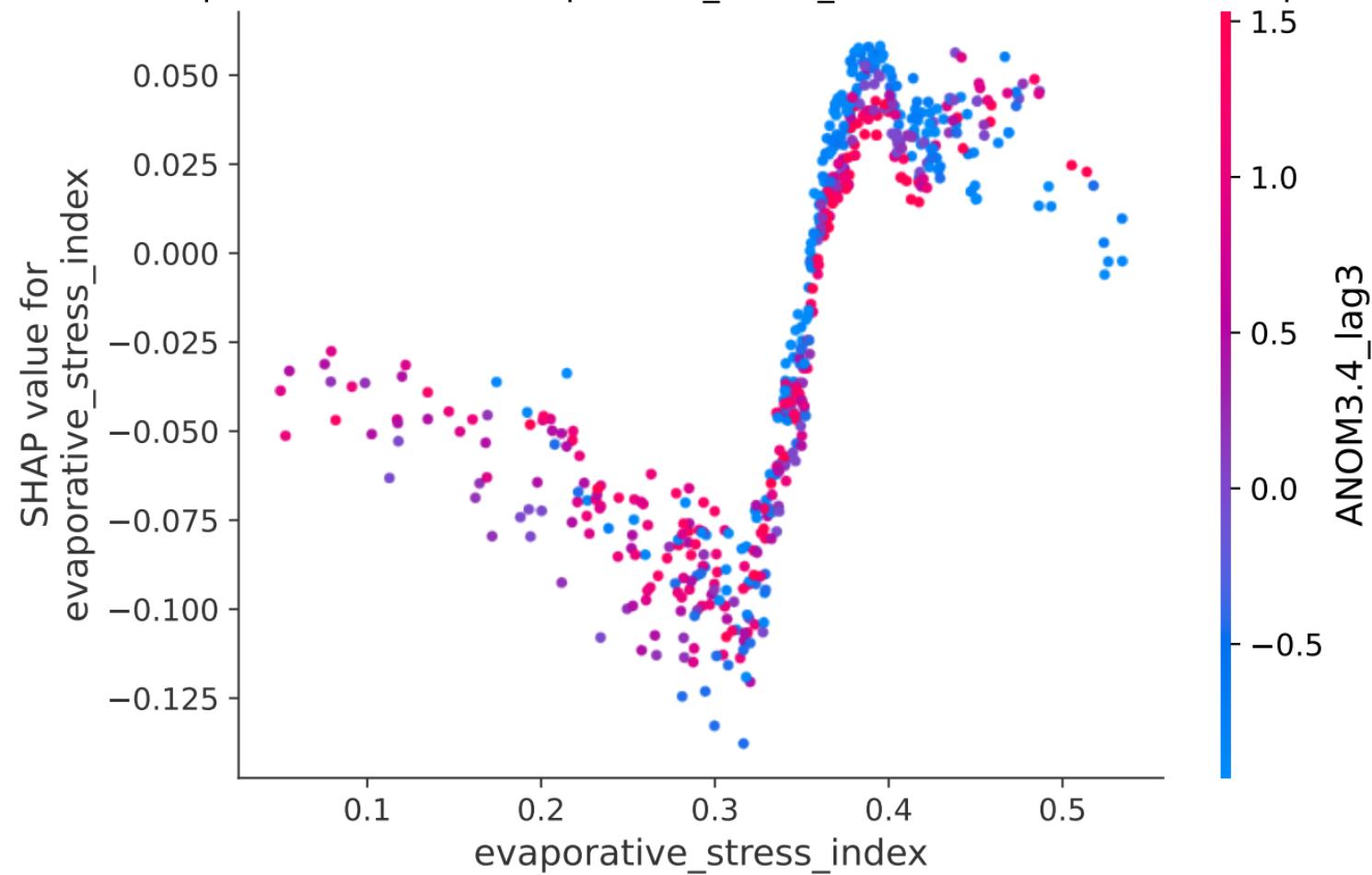
SHAP Dependence Plot for temperature_2m_max_lag3 (Class 0) - Maluku-Papua



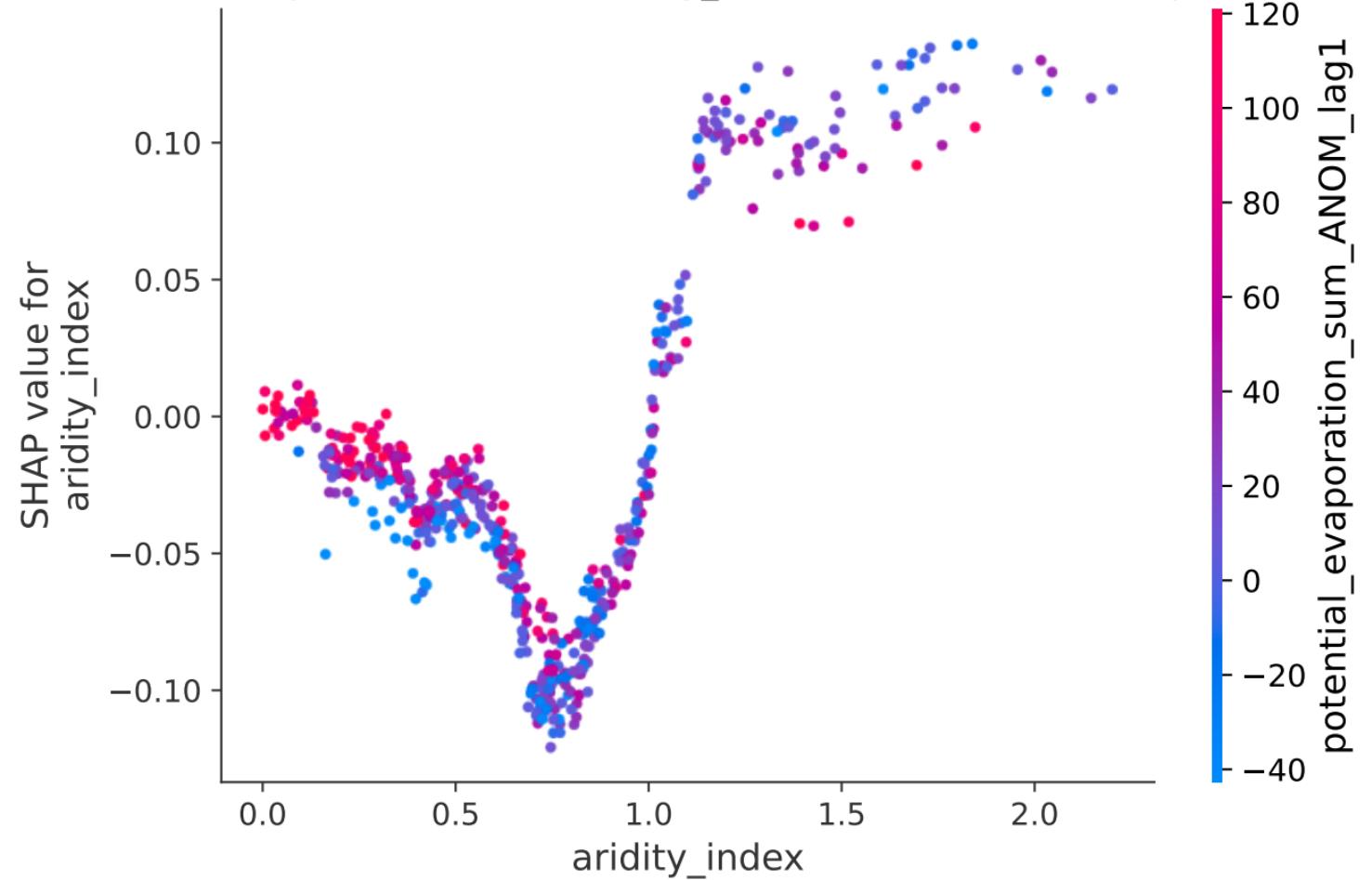
SHAP Dependence Plot for total_evaporation_sum (Class 0) - Maluku-Papua



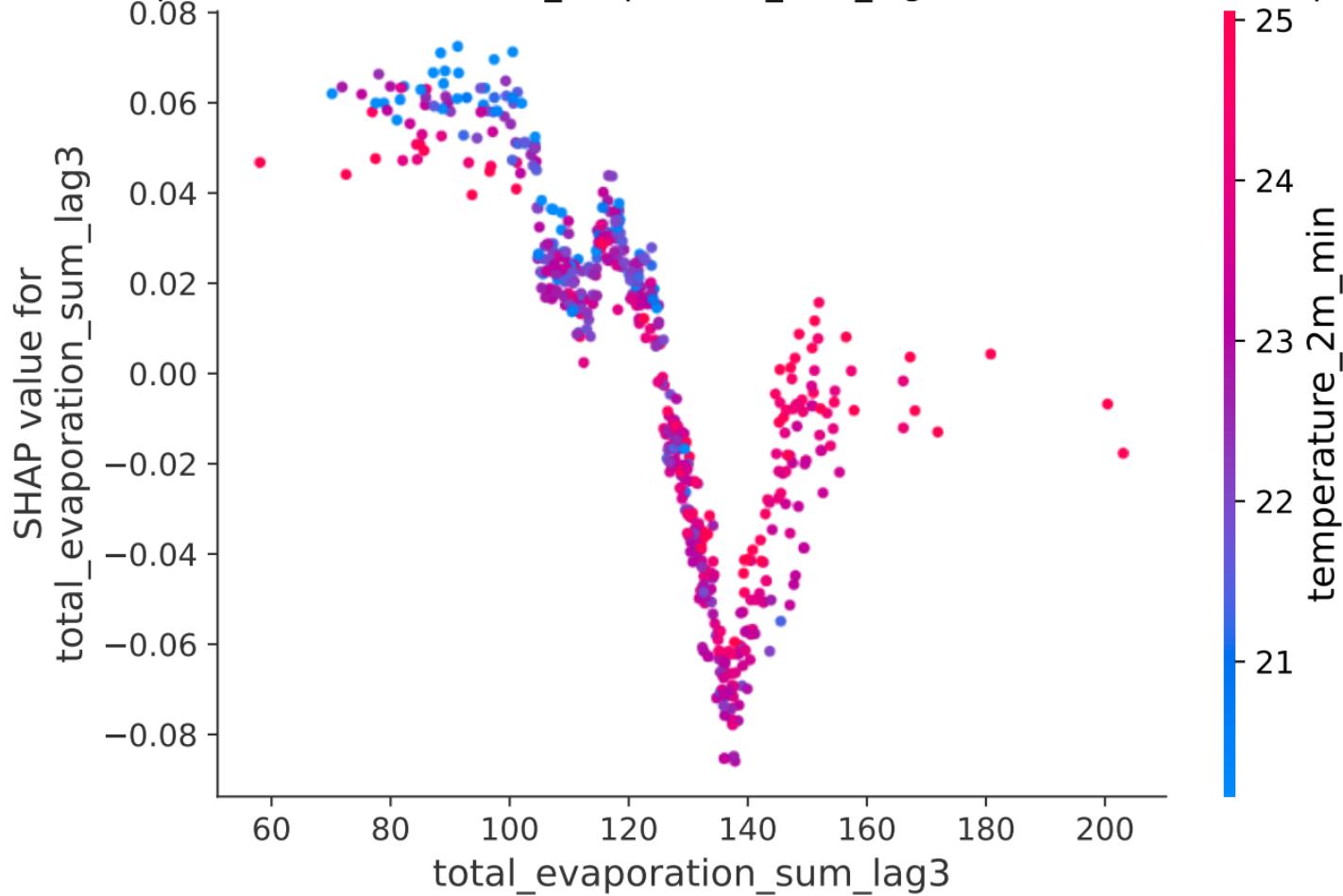
SHAP Dependence Plot for evaporative_stress_index (Class 0) - Maluku-Papua



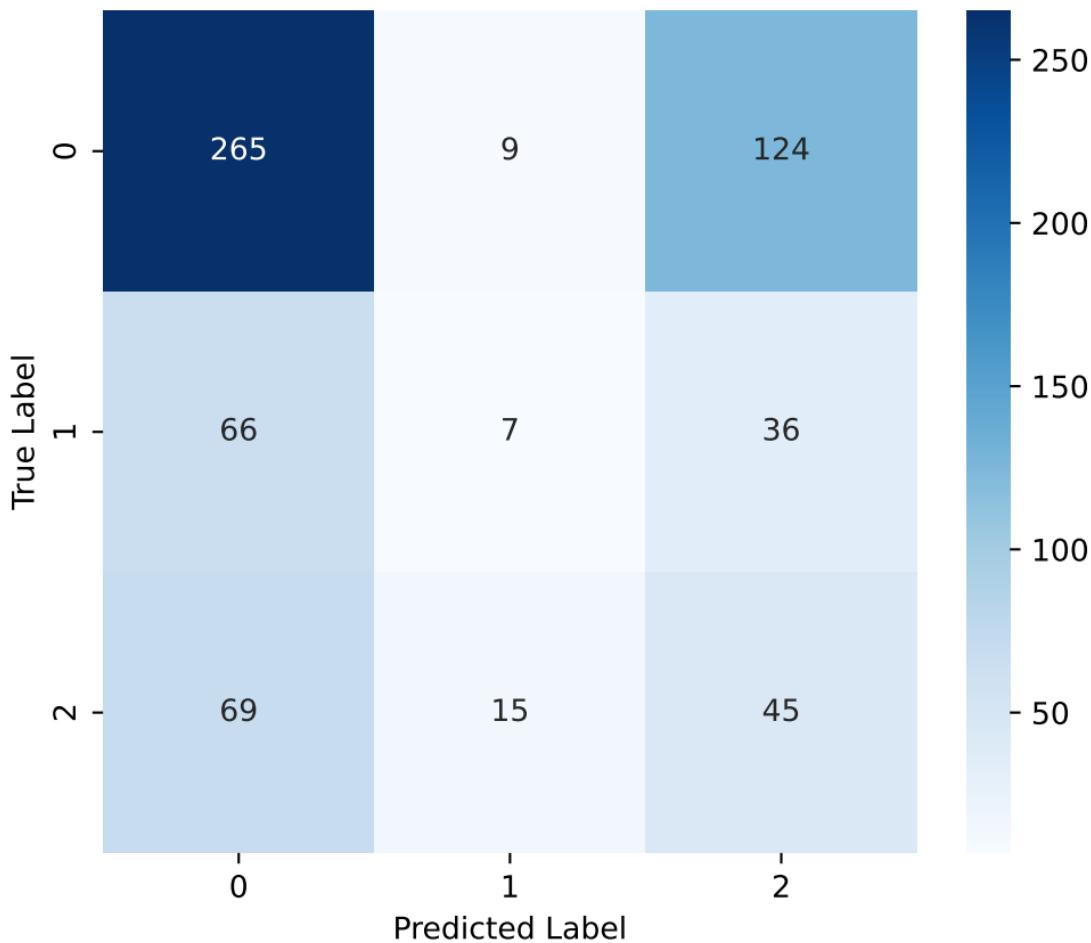
SHAP Dependence Plot for aridity_index (Class 0) - Maluku-Papua



SHAP Dependence Plot for total_evaporation_sum_lag3 (Class 0) - Maluku-Papua



Confusion Matrix - Kalimantan



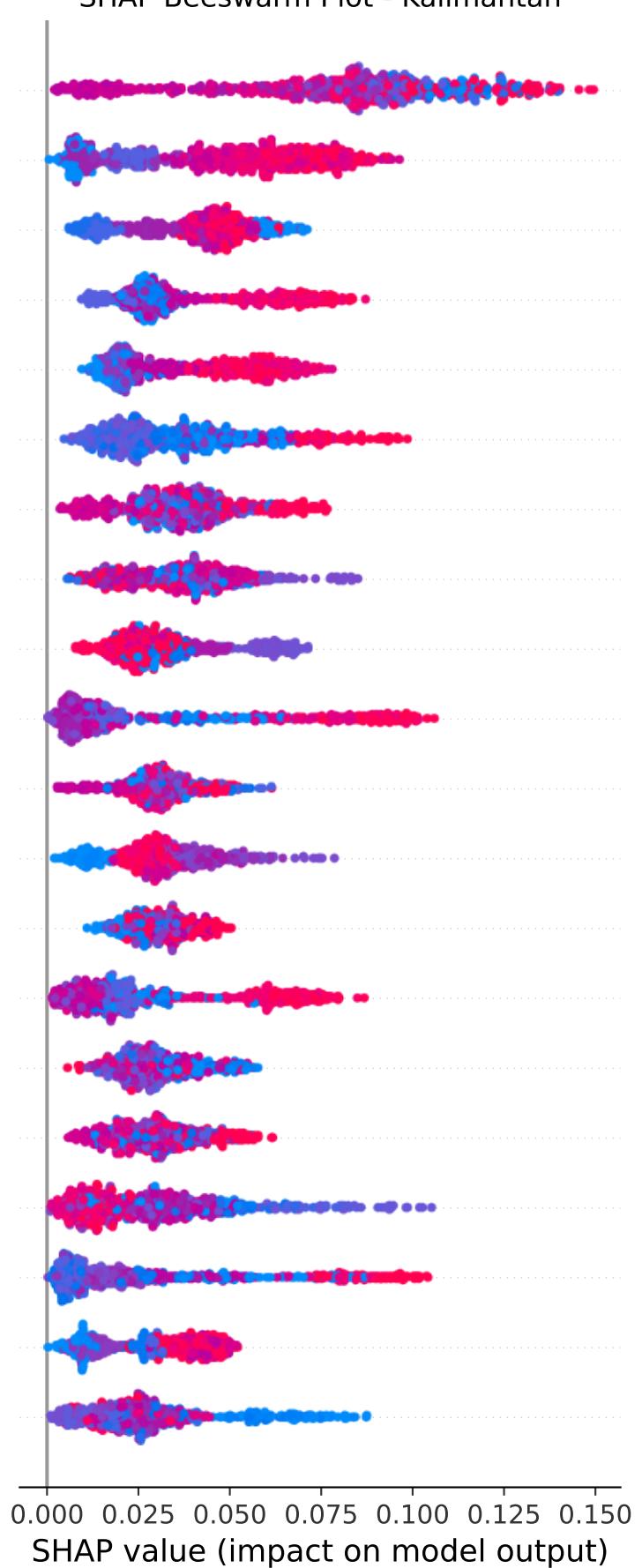
SHAP Beeswarm Plot - Kalimantan

High

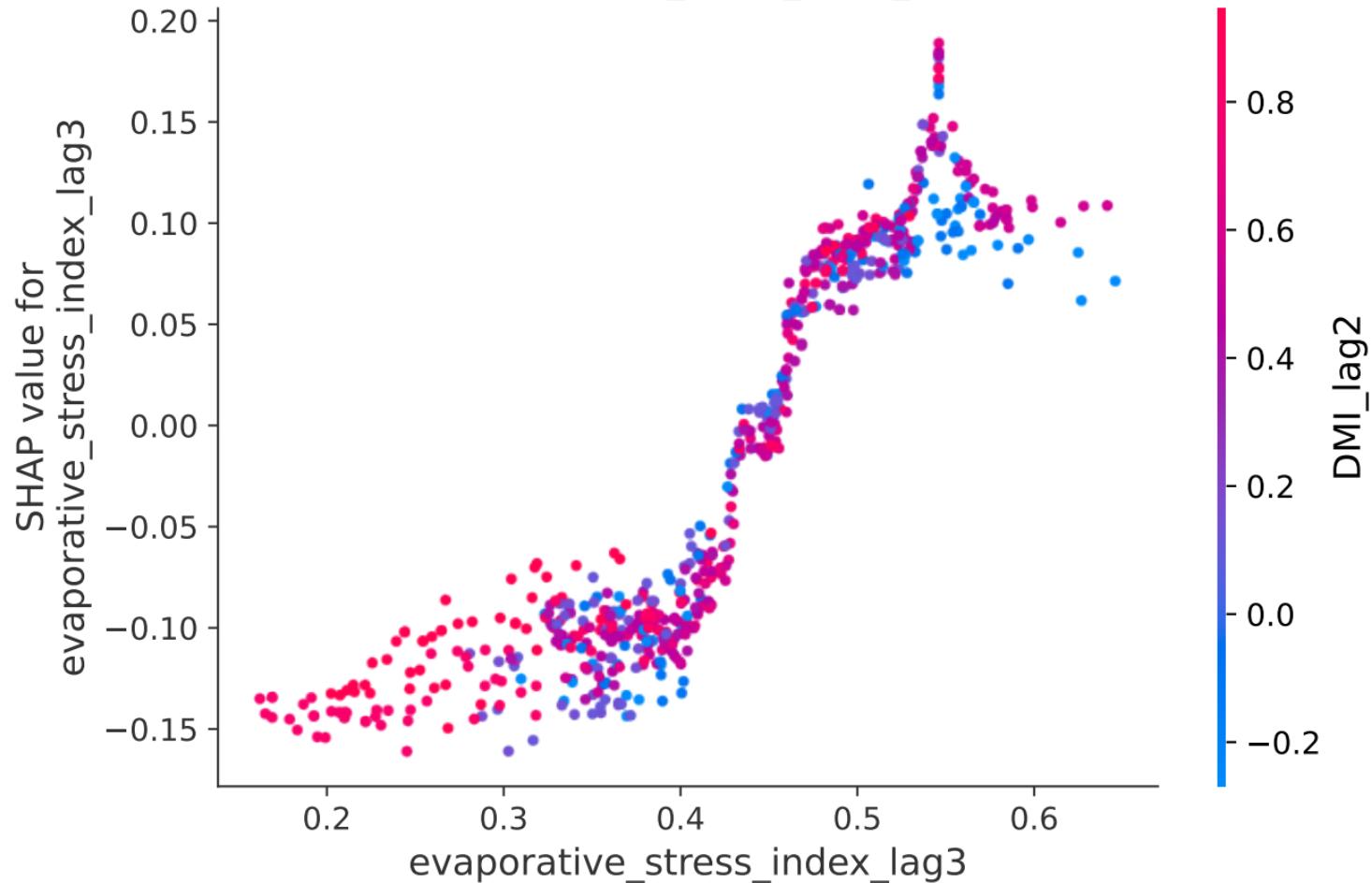
Feature value

Low

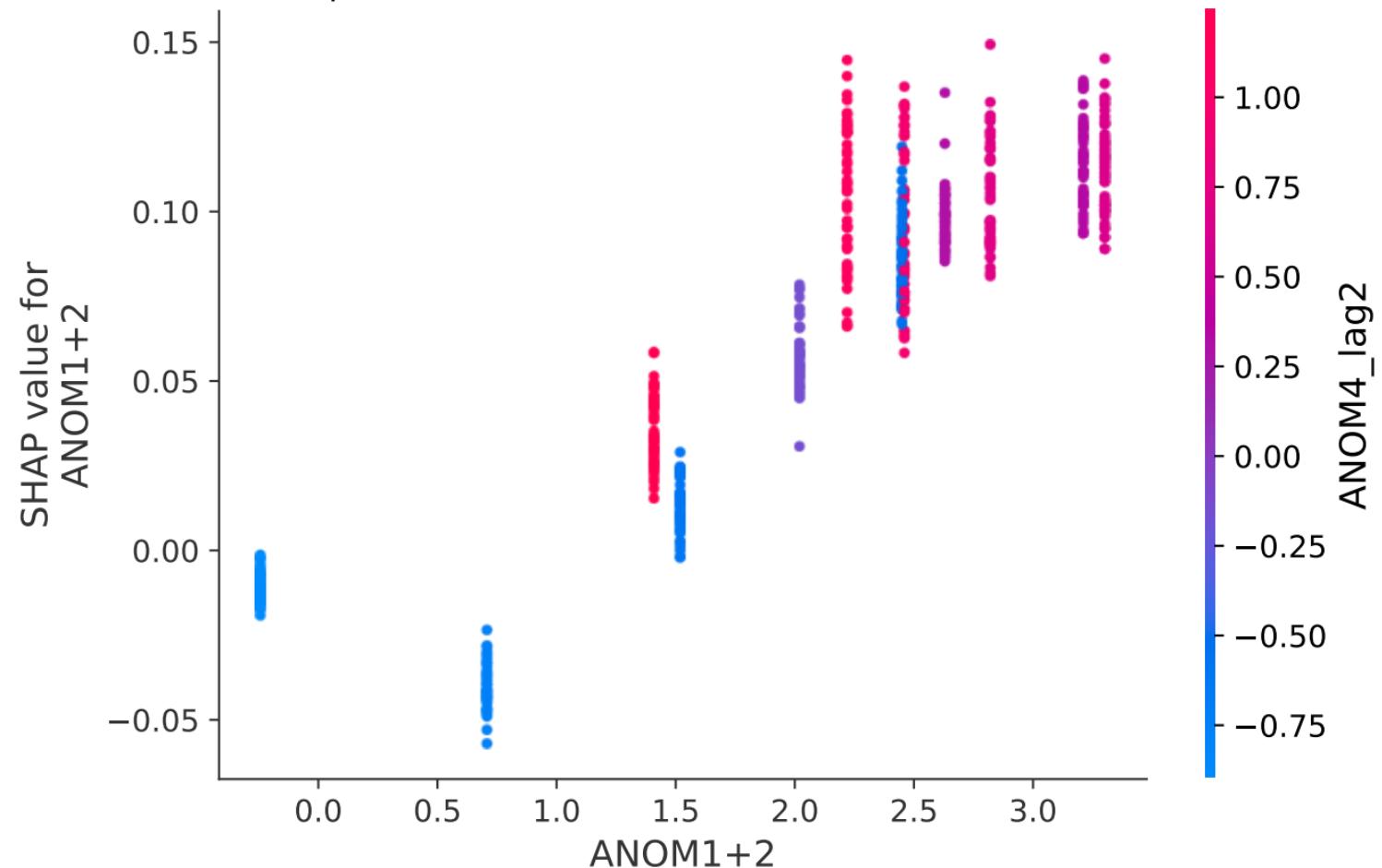
evaporative_stress_index_lag3
ANOM1+2
DMI_lag1
ANOM4_lag1
ANOM4
potential_evaporation_sum_lag3
evaporative_stress_index_lag2
temperature_2m_min_lag3
ANOM3
temperature_2m
evaporative_stress_index
DMI
ANOM3_lag1
temperature_2m_min_ANOM
aridity_index_lag3
evaporative_stress_index_lag1
temperature_2m_min
temperature_2m_max
ANOM3_lag2
temperature_2m_max_lag3



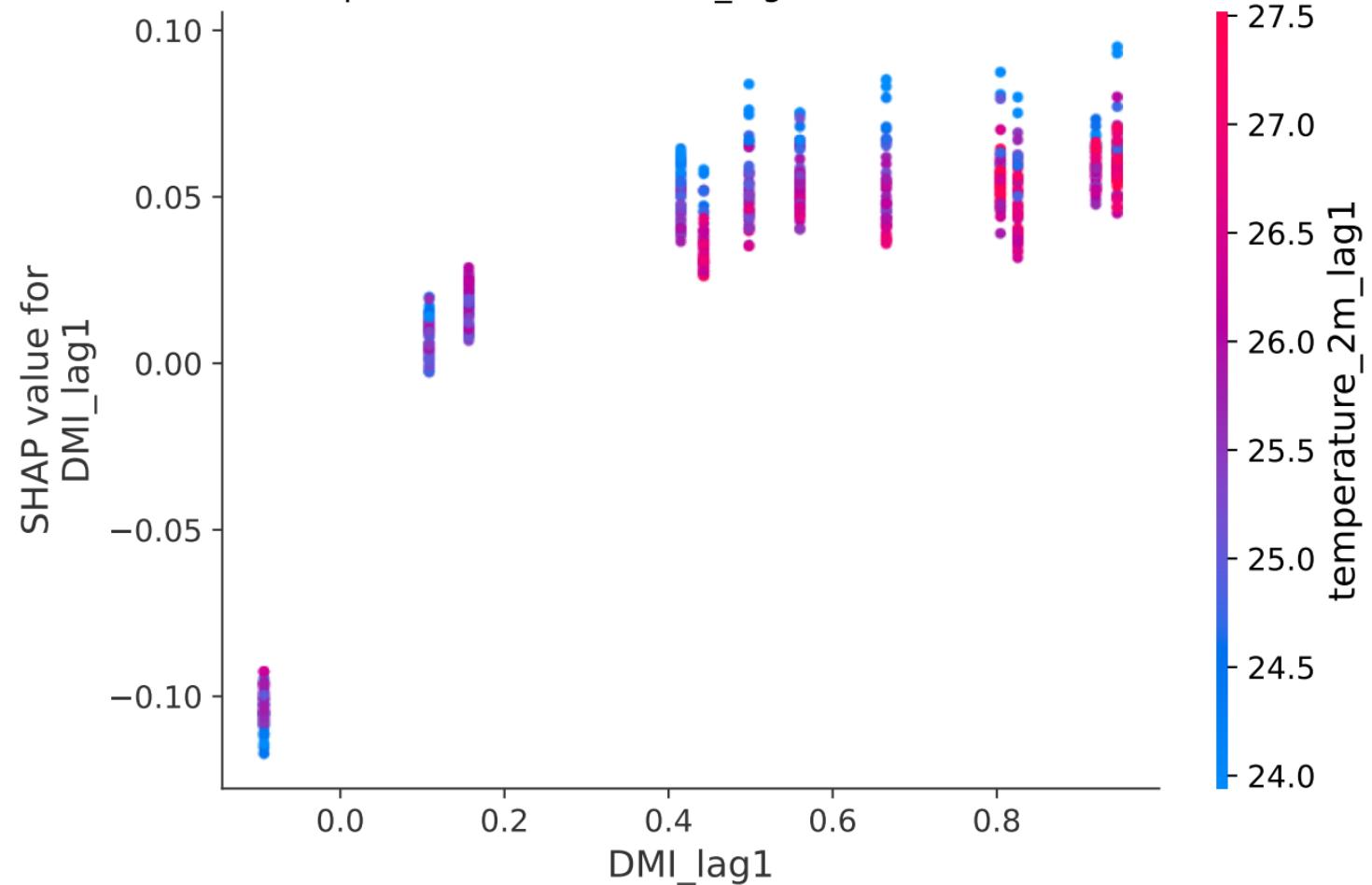
SHAP Dependence Plot for evaporative_stress_index_lag3 (Class 0) - Kalimantan



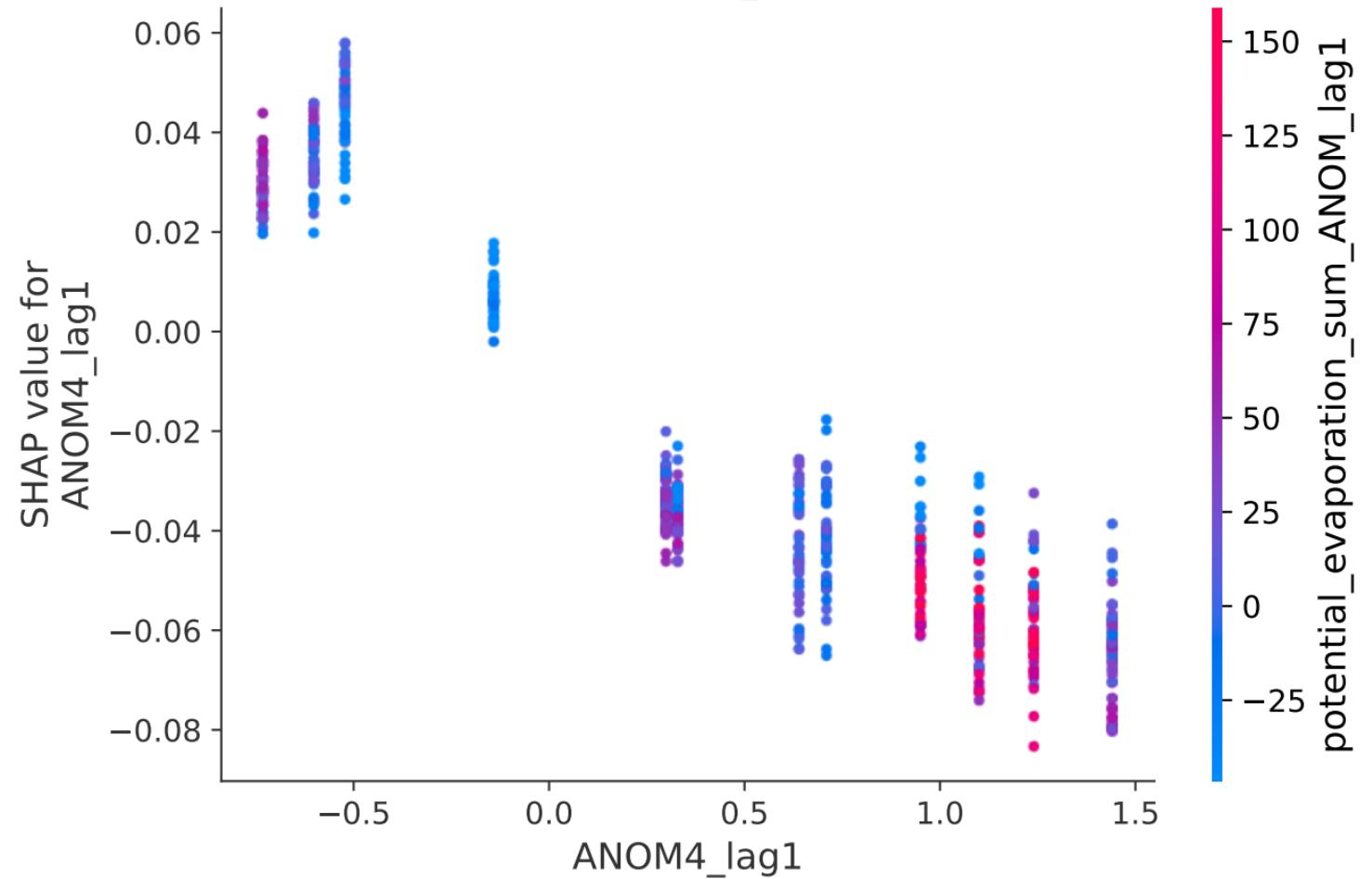
SHAP Dependence Plot for ANOM1+2 (Class 0) - Kalimantan



SHAP Dependence Plot for DMI_lag1 (Class 0) - Kalimantan



SHAP Dependence Plot for ANOM4_lag1 (Class 0) - Kalimantan



SHAP Dependence Plot for ANOM4 (Class 0) - Kalimantan

