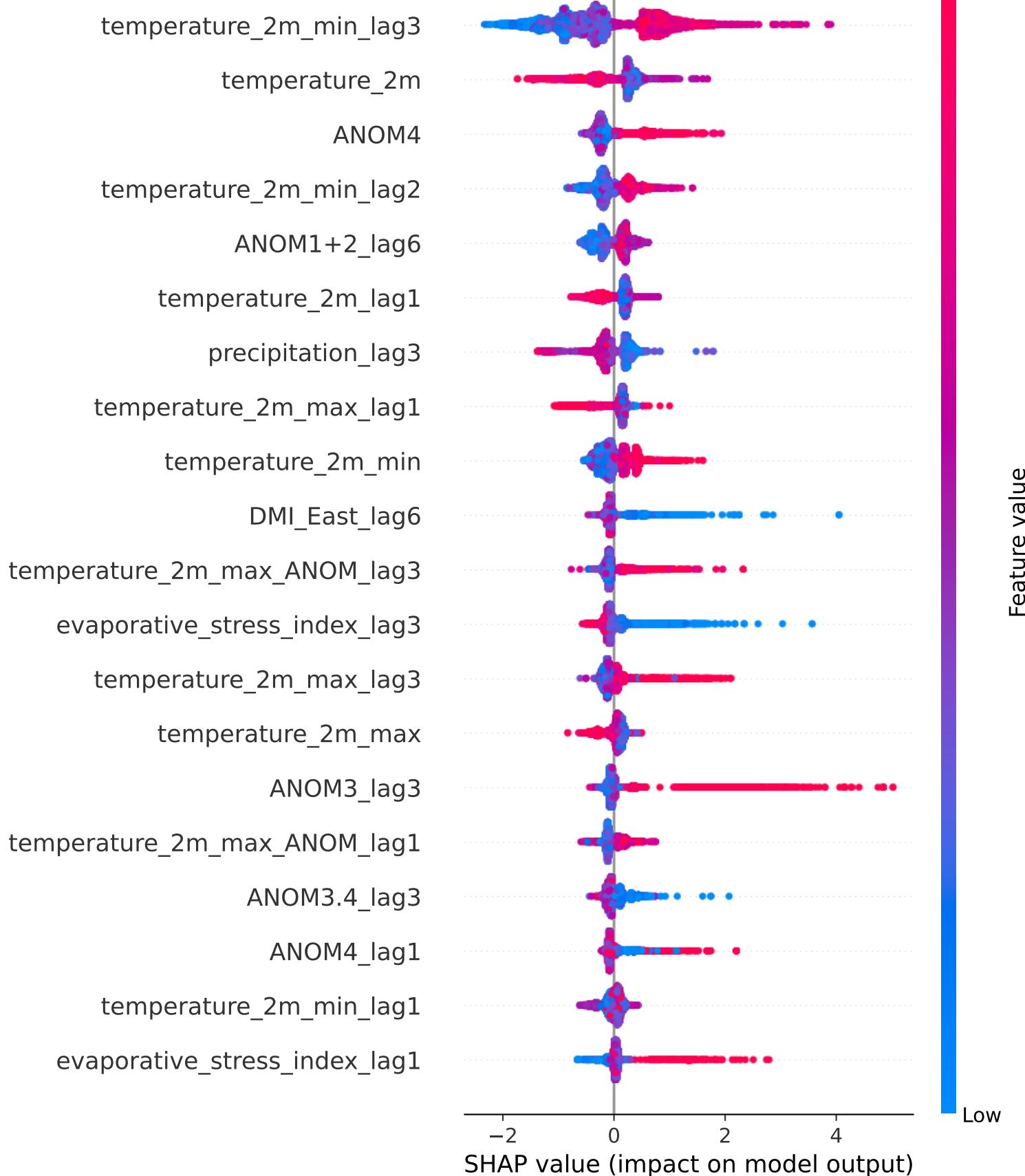


High

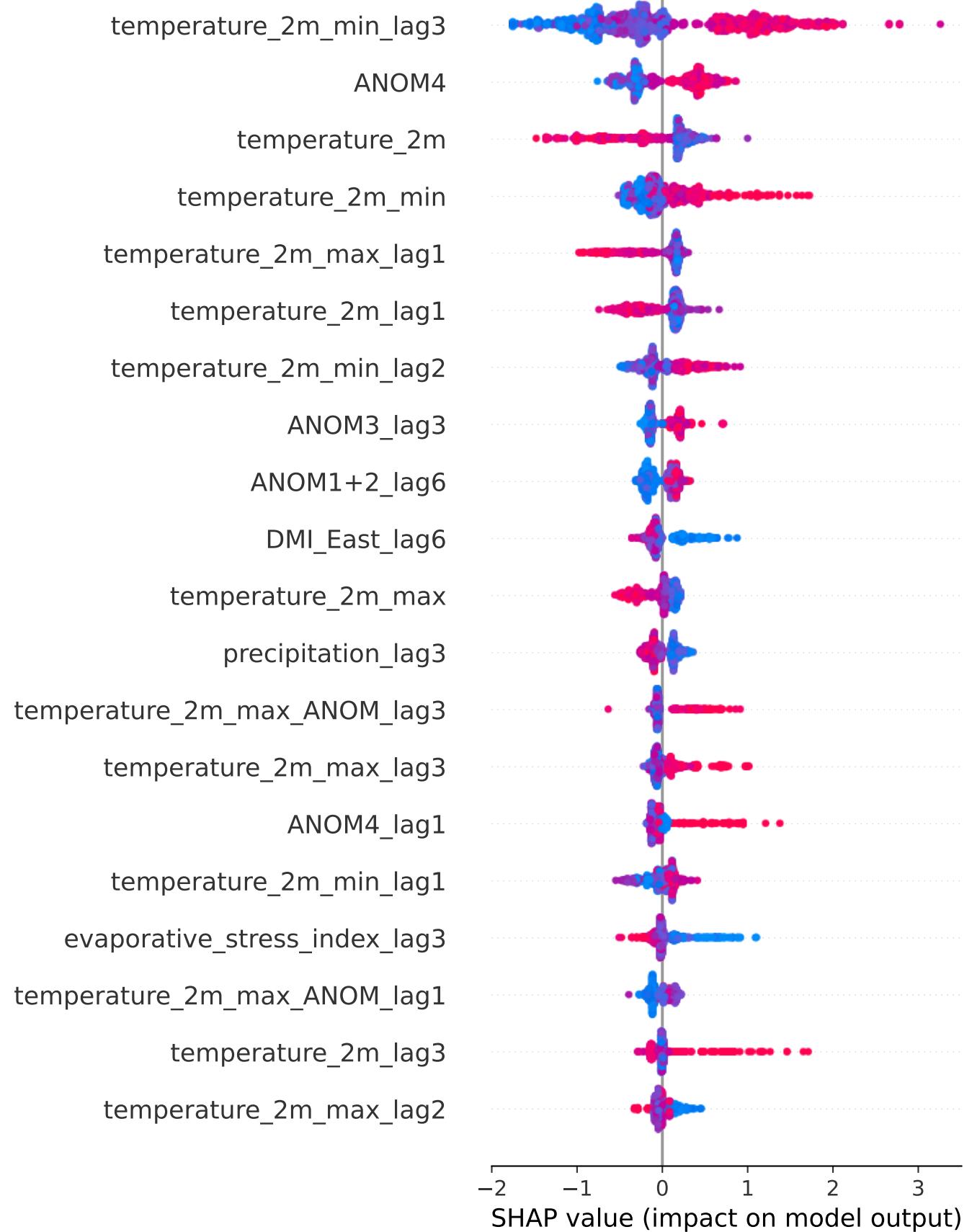


Sumatra - Test | RMSE: 5.85, MAE: 3.87

High

Feature value

Low



Sumatra - Full | RMSE: 5.73, MAE: 3.29

High

Feature value

temperature\_2m\_min\_lag3

ANOM4

temperature\_2m

temperature\_2m\_min\_lag2

temperature\_2m\_lag1

temperature\_2m\_min

ANOM1+2\_lag6

temperature\_2m\_max\_lag1

precipitation\_lag3

temperature\_2m\_max\_ANOM\_lag3

ANOM3\_lag3

DMI\_East\_lag6

evaporative\_stress\_index\_lag3

temperature\_2m\_max\_lag3

temperature\_2m\_max

temperature\_2m\_max\_ANOM\_lag1

ANOM4\_lag1

temperature\_2m\_min\_lag1

ANOM3.4\_lag3

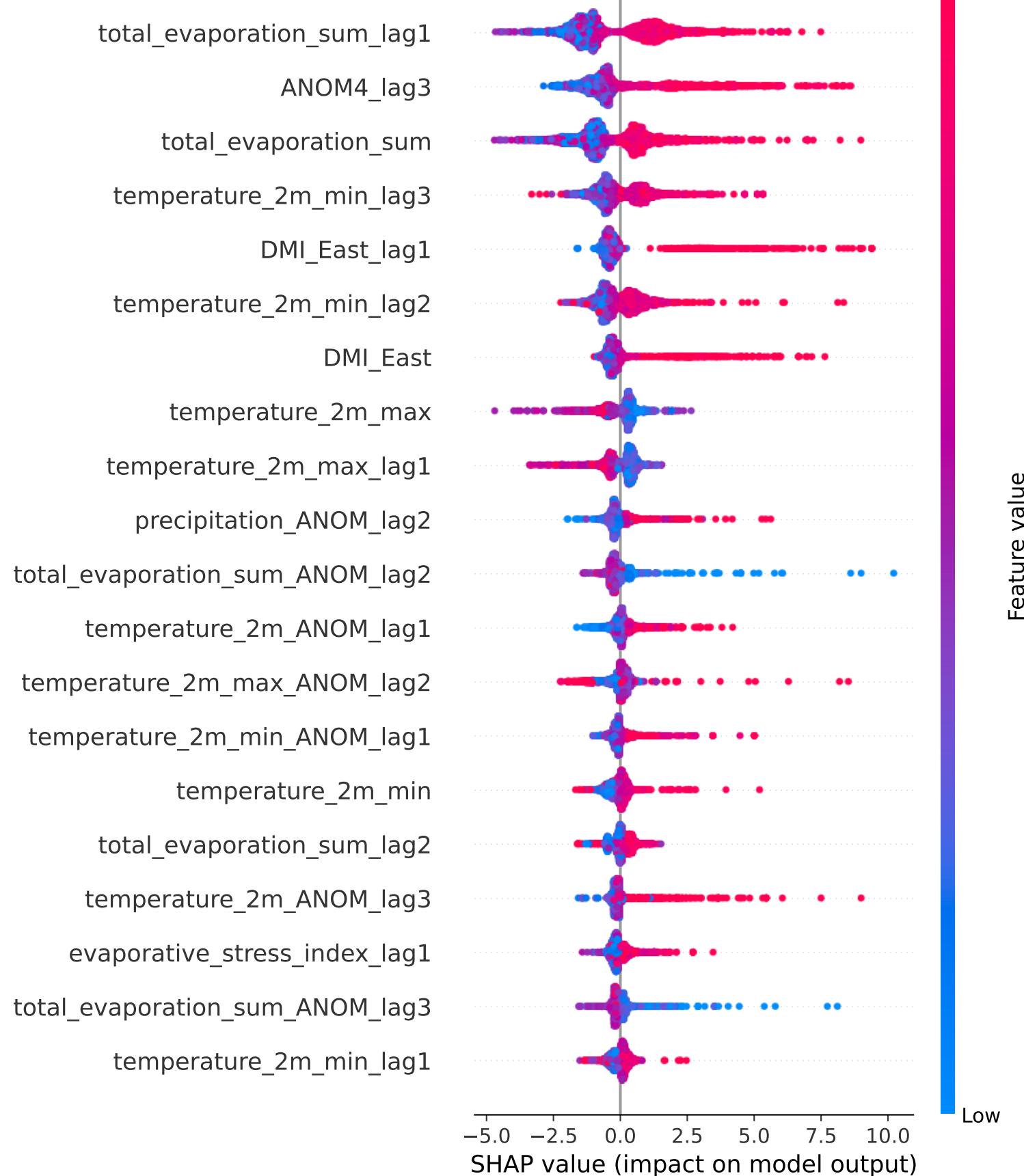
temperature\_2m\_lag3

SHAP value (impact on model output)

Low

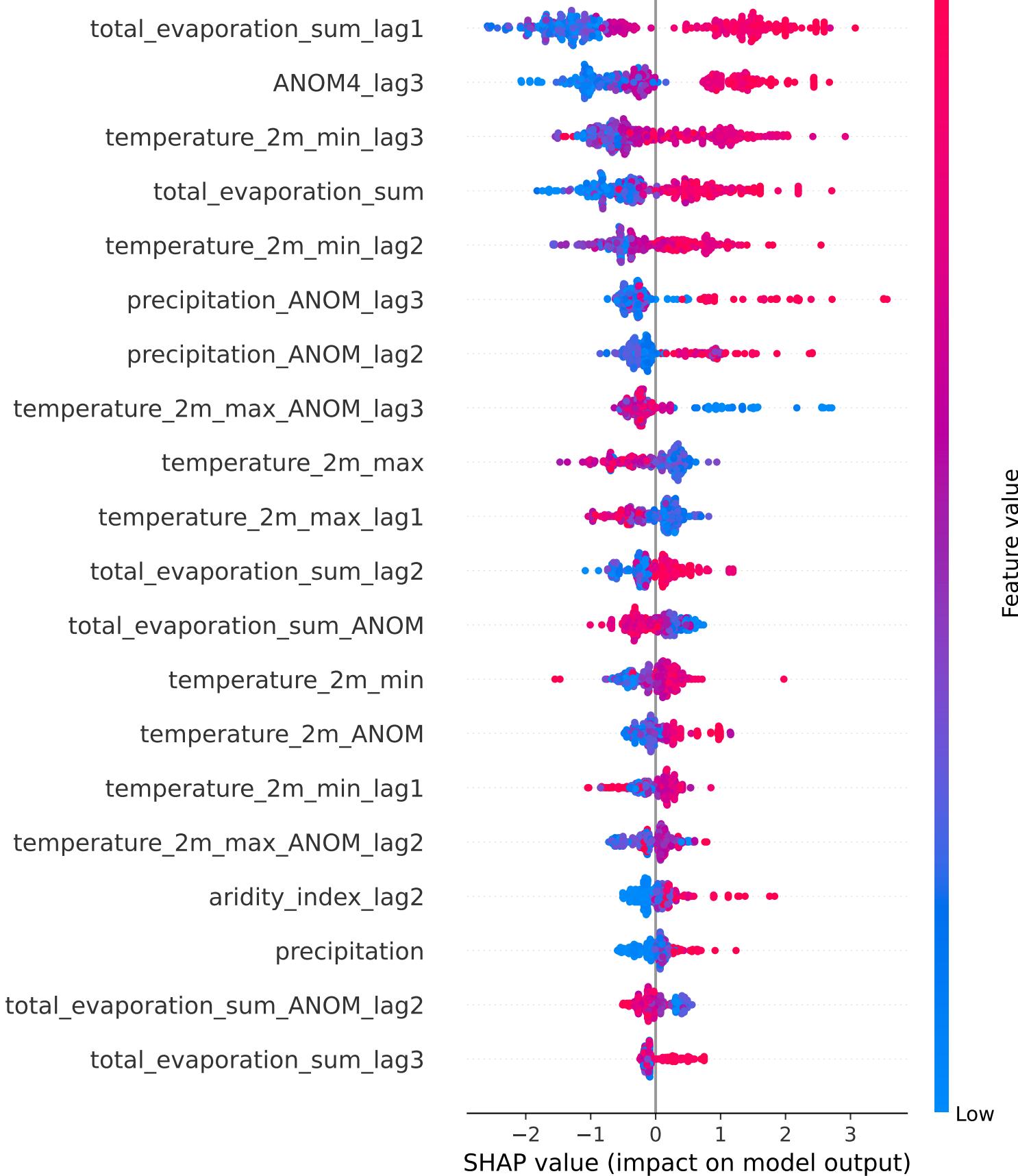
Nusa Tenggara - Train/Val | RMSE: 8.02, MAE: 4.07

High

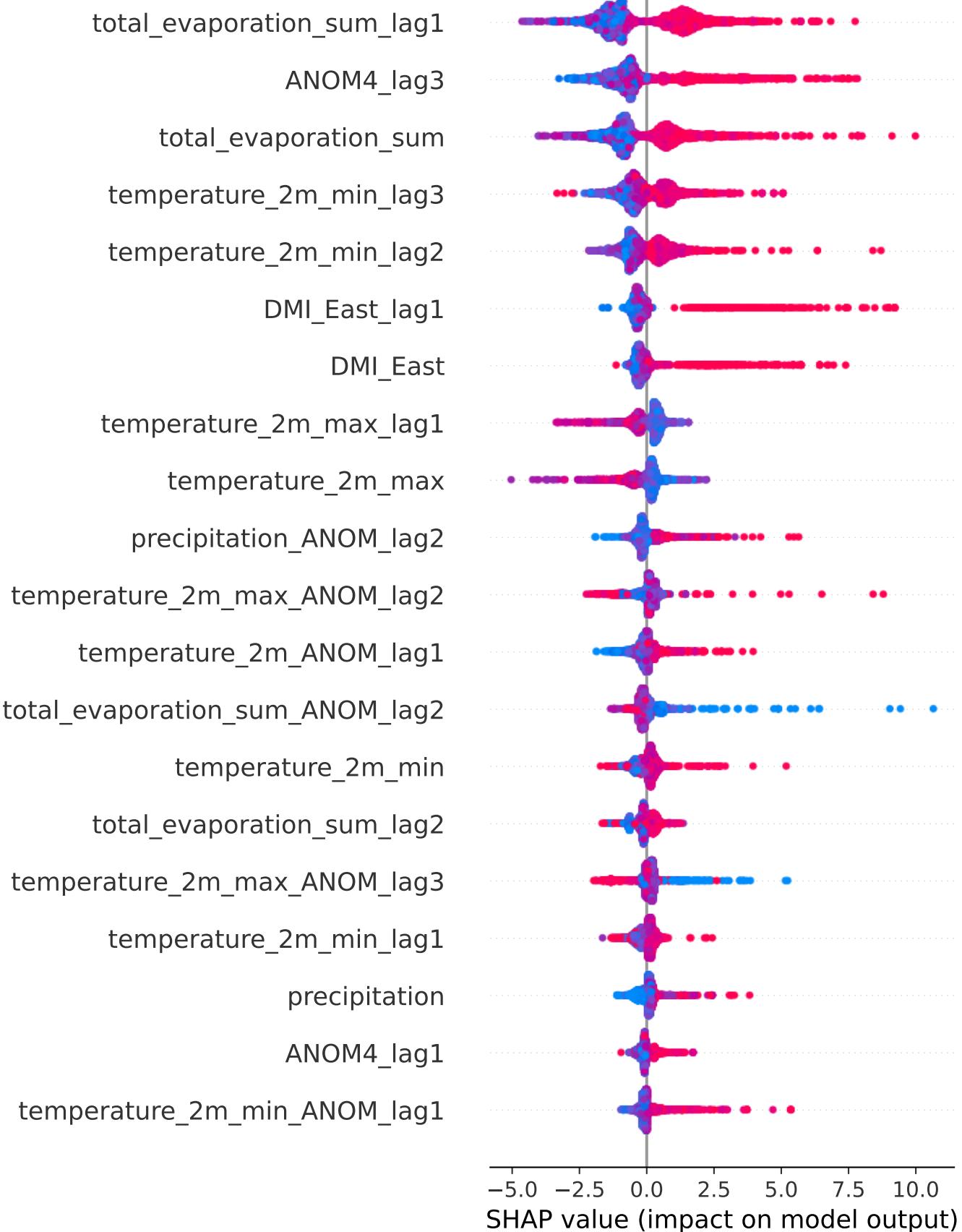


Nusa Tenggara - Test | RMSE: 26.29, MAE: 11.40

High



High



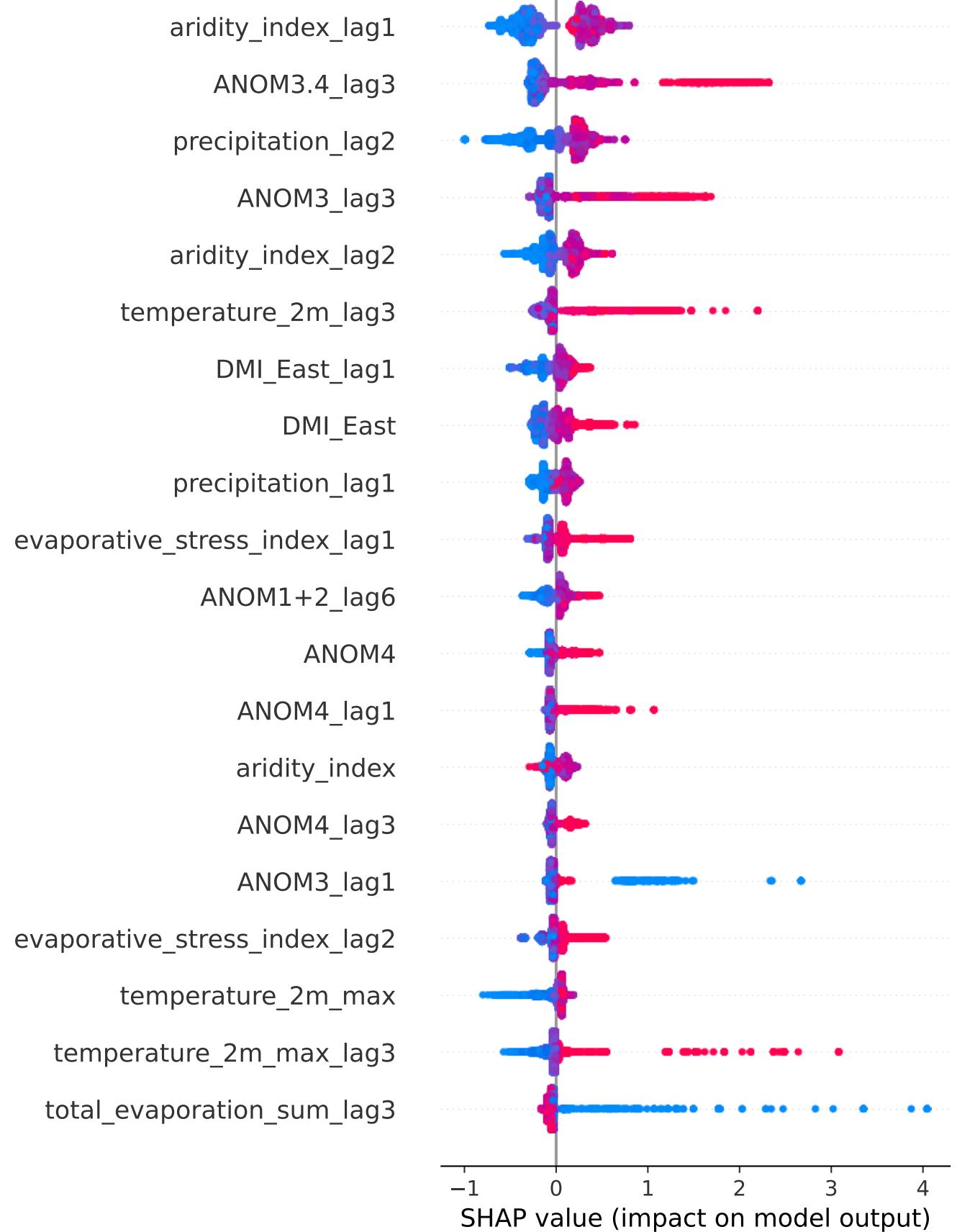
Low

Java - Train/Val | RMSE: 4.55, MAE: 2.65

High

Feature value

Low



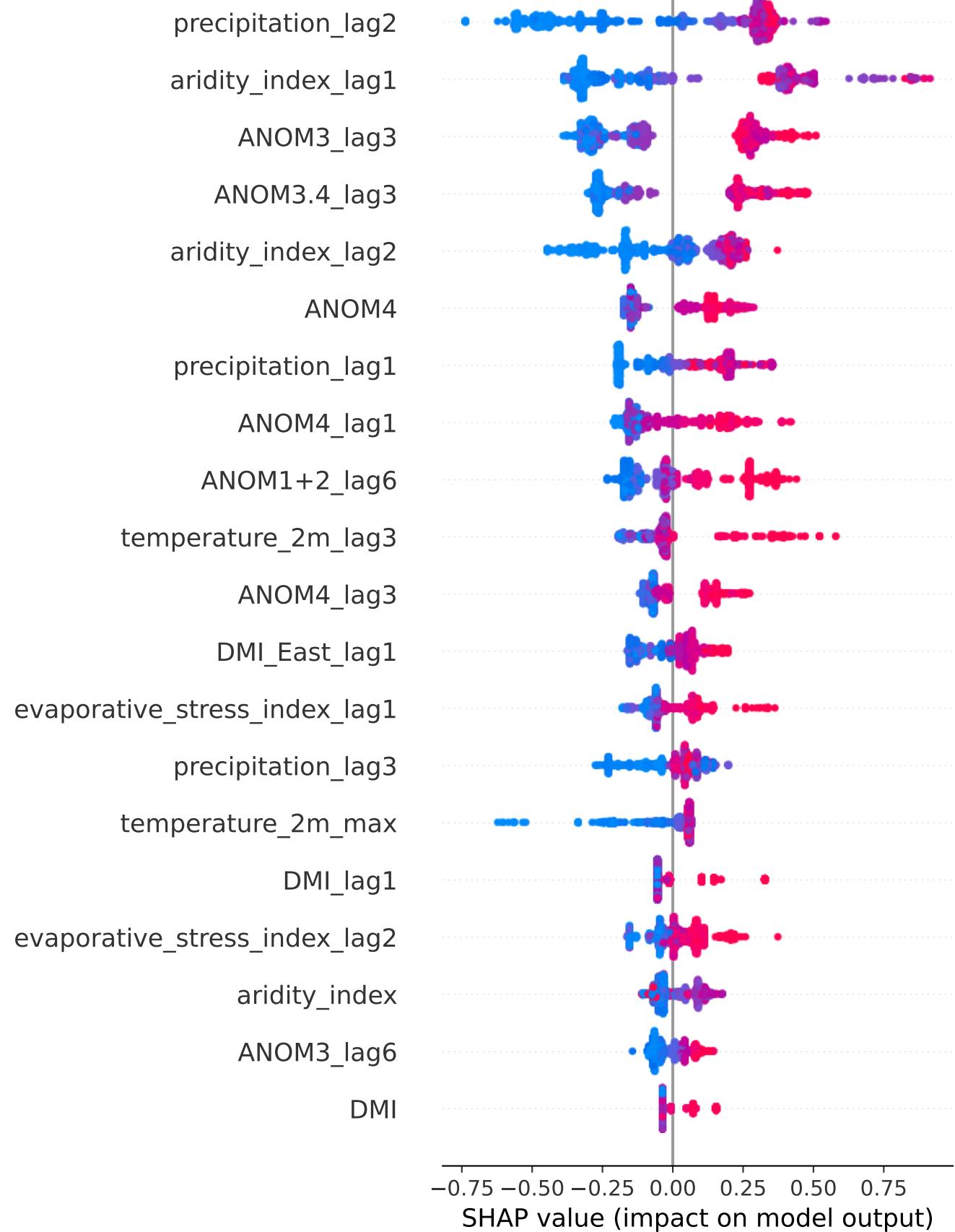
Java - Test | RMSE: 4.66, MAE: 2.86

High

Feature value

Low

SHAP value (impact on model output)



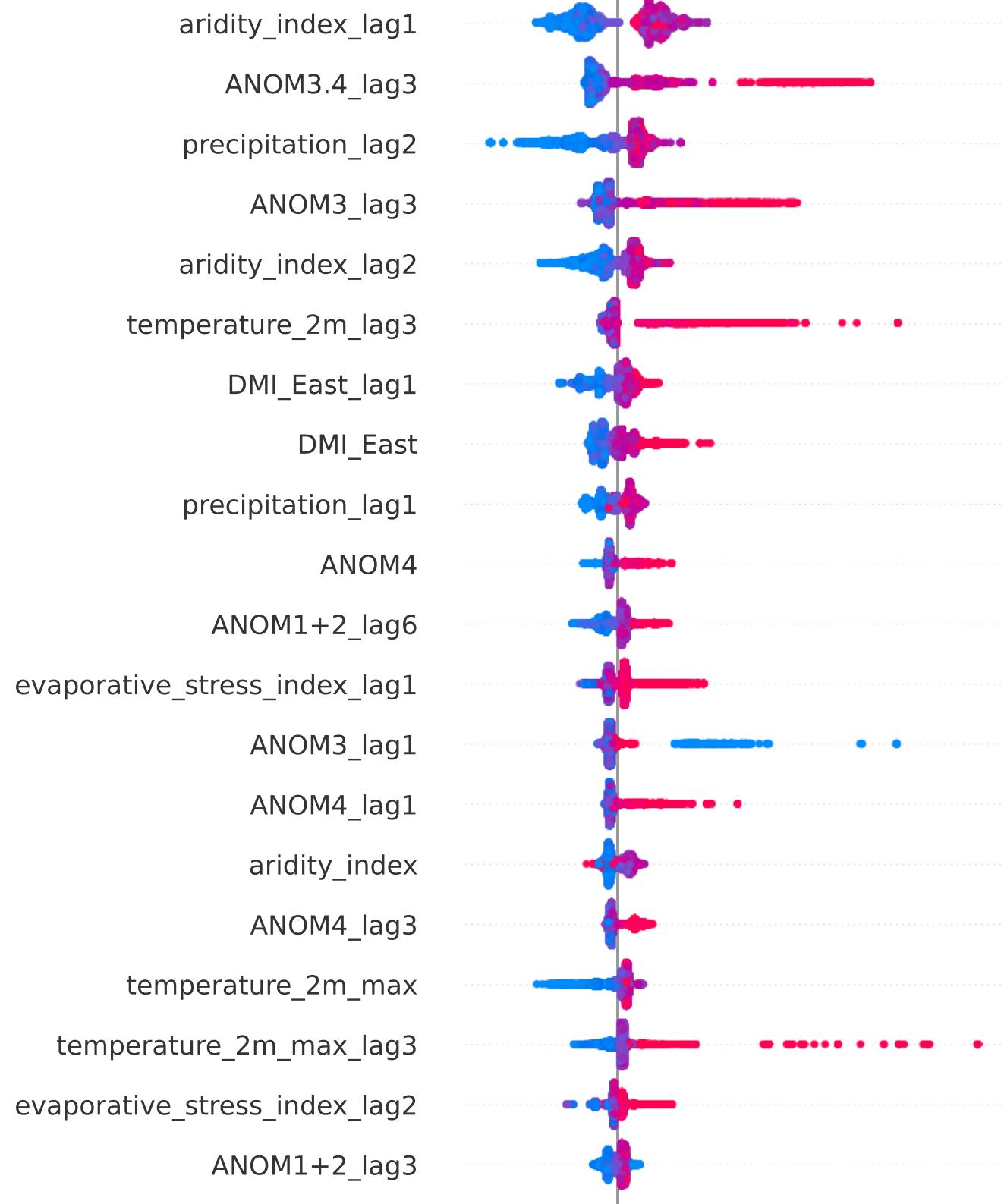
Java - Full | RMSE: 4.56, MAE: 2.67

High

Feature value

Low

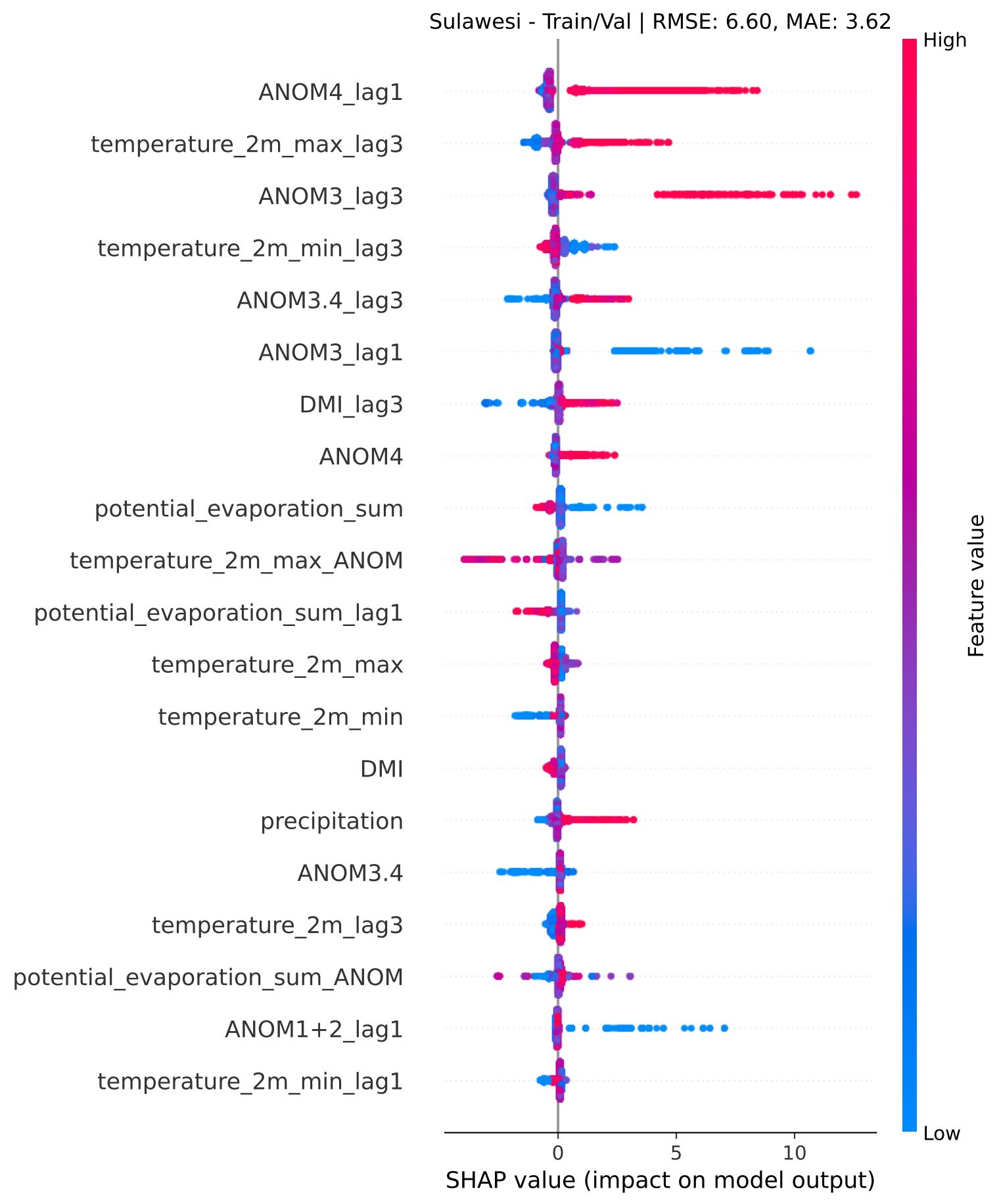
SHAP value (impact on model output)



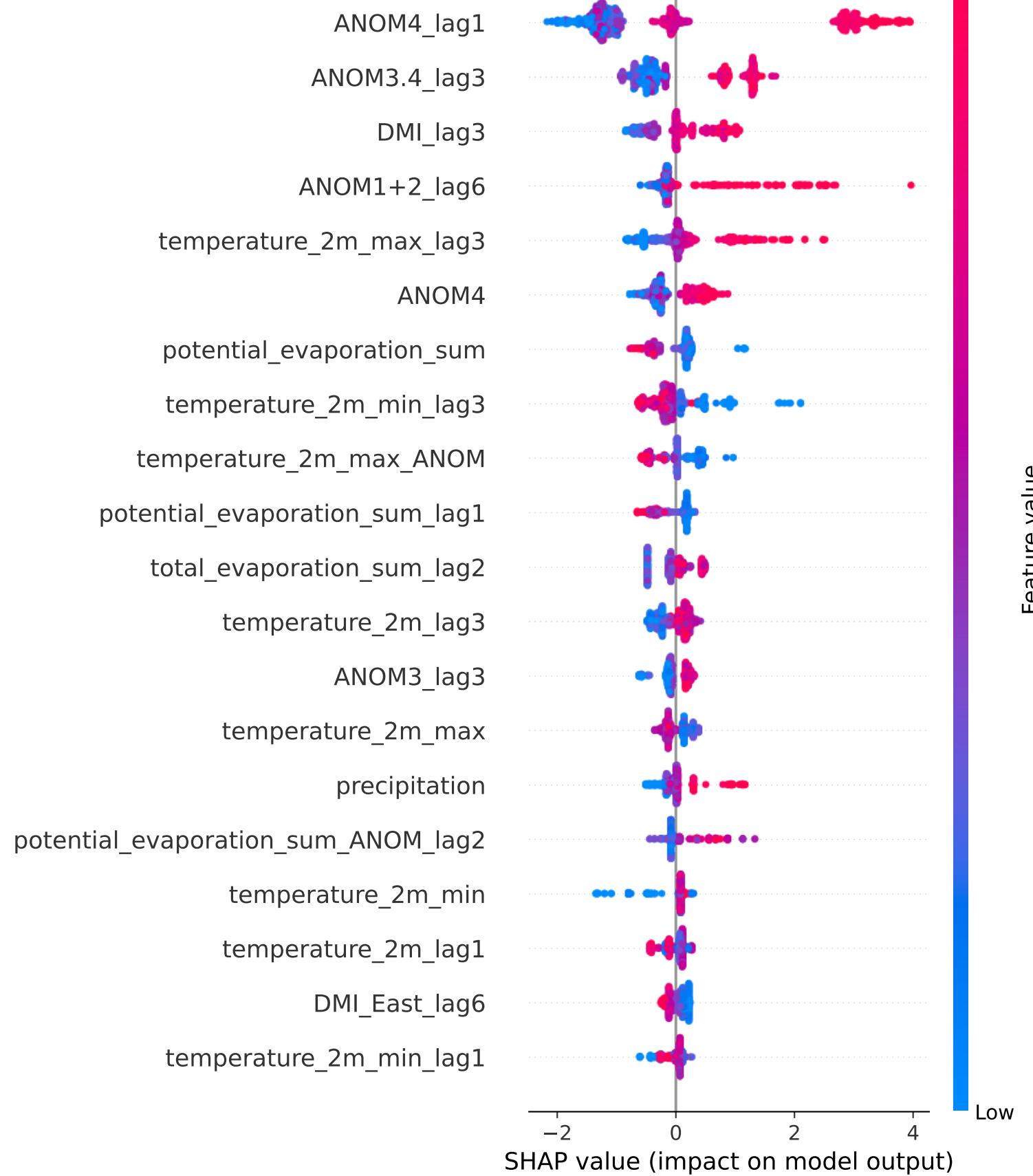
High

Feature value

Low



SHAP value (impact on model output)



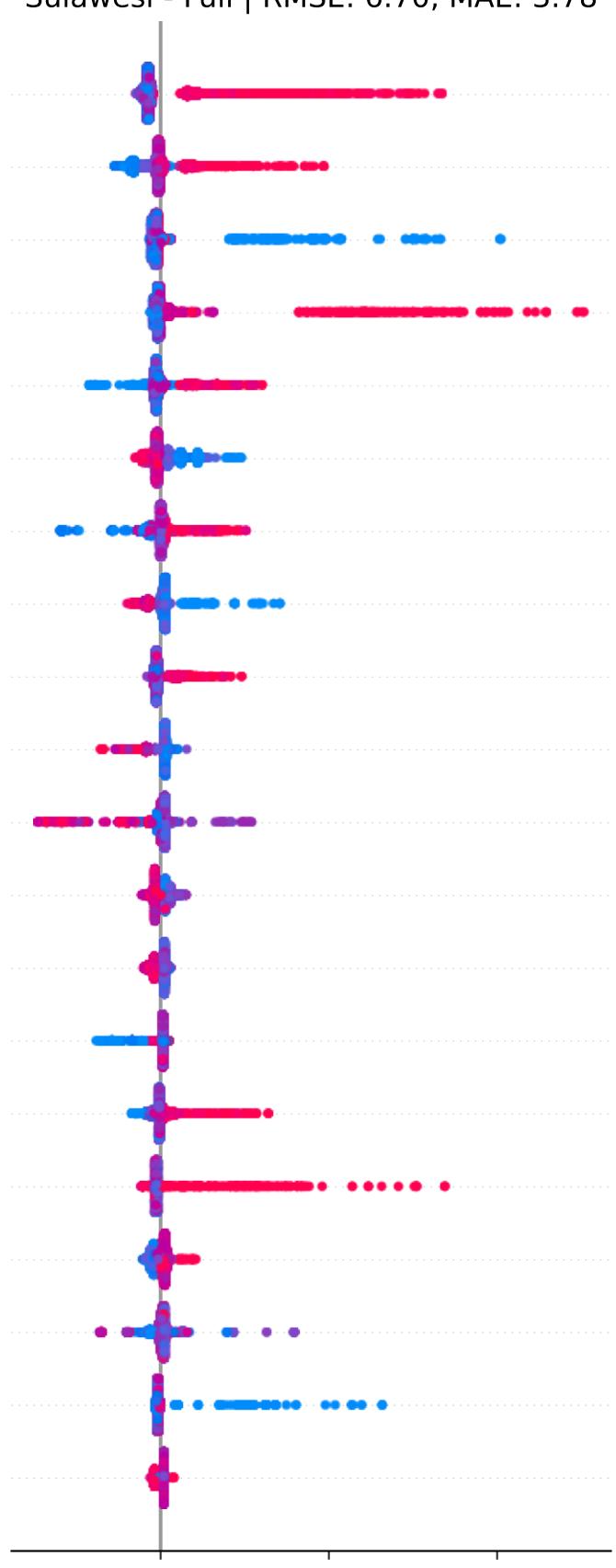
High

ANOM4\_lag1  
temperature\_2m\_max\_lag3  
ANOM3\_lag1  
ANOM3\_lag3  
ANOM3.4\_lag3  
temperature\_2m\_min\_lag3  
DMI\_lag3  
potential\_evaporation\_sum  
ANOM4  
potential\_evaporation\_sum\_lag1  
temperature\_2m\_max\_ANOM  
temperature\_2m\_max  
DMI  
temperature\_2m\_min  
precipitation  
temperature\_2m\_max\_ANOM\_lag3  
temperature\_2m\_lag3  
potential\_evaporation\_sum\_ANOM  
ANOM1+2\_lag1  
temperature\_2m

SHAP value (impact on model output)

Feature value

Low



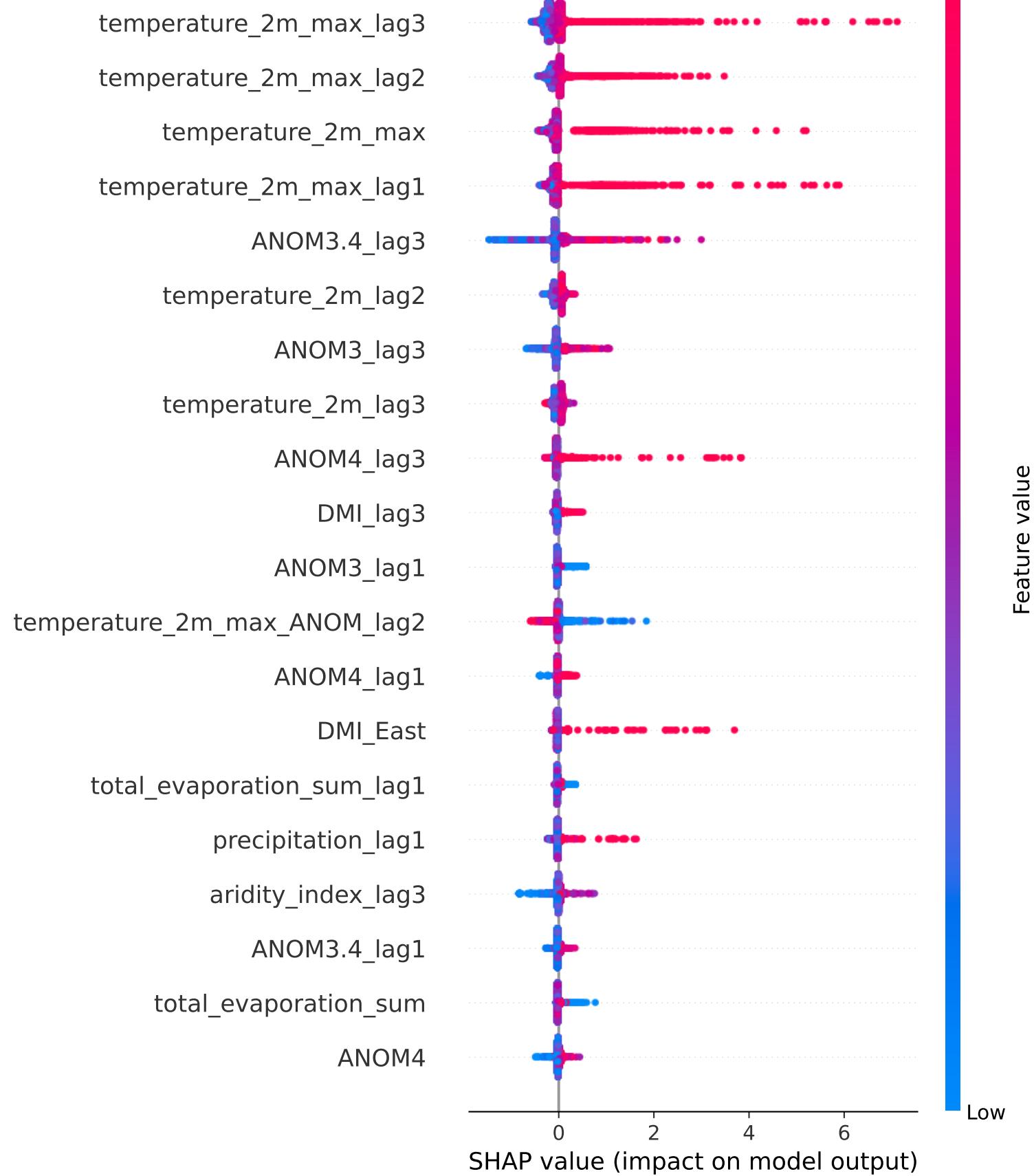
Maluku\_Papua - Train/Val | RMSE: 7.76, MAE: 2.29

High

Feature value

Low

SHAP value (impact on model output)



Maluku\_Papua - Test | RMSE: 3.94, MAE: 2.34

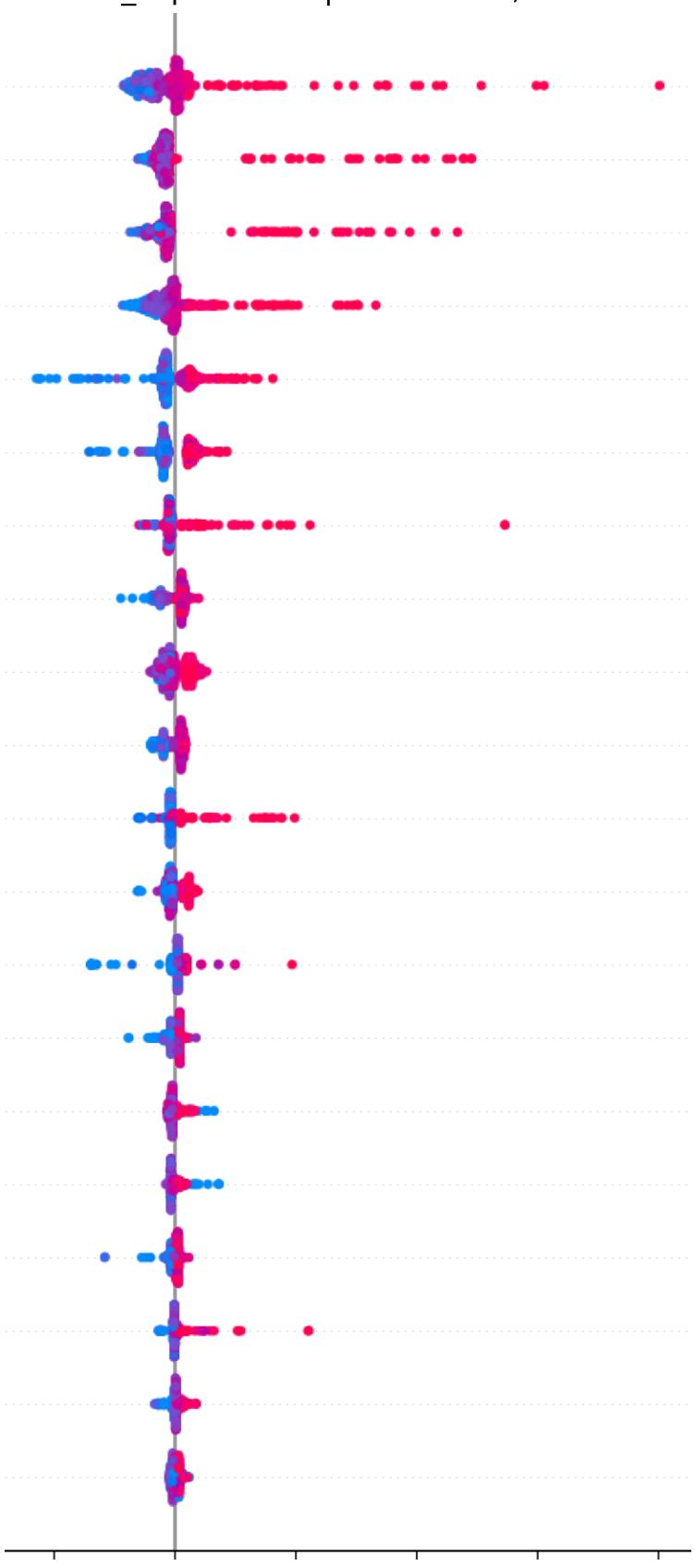
High

temperature\_2m\_max\_lag3  
temperature\_2m\_max\_lag1  
temperature\_2m\_max  
temperature\_2m\_max\_lag2  
ANOM3.4\_lag3  
ANOM3\_lag3  
ANOM4\_lag3  
temperature\_2m\_lag2  
DMI\_lag3  
temperature\_2m\_lag3  
ANOM1+2\_lag6  
ANOM4\_lag1  
aridity\_index\_lag3  
ANOM3.4\_lag1  
total\_evaporation\_sum  
total\_evaporation\_sum\_lag1  
ANOM4  
precipitation\_lag3  
aridity\_index\_lag1  
total\_evaporation\_sum\_lag2

Feature value

Low

SHAP value (impact on model output)



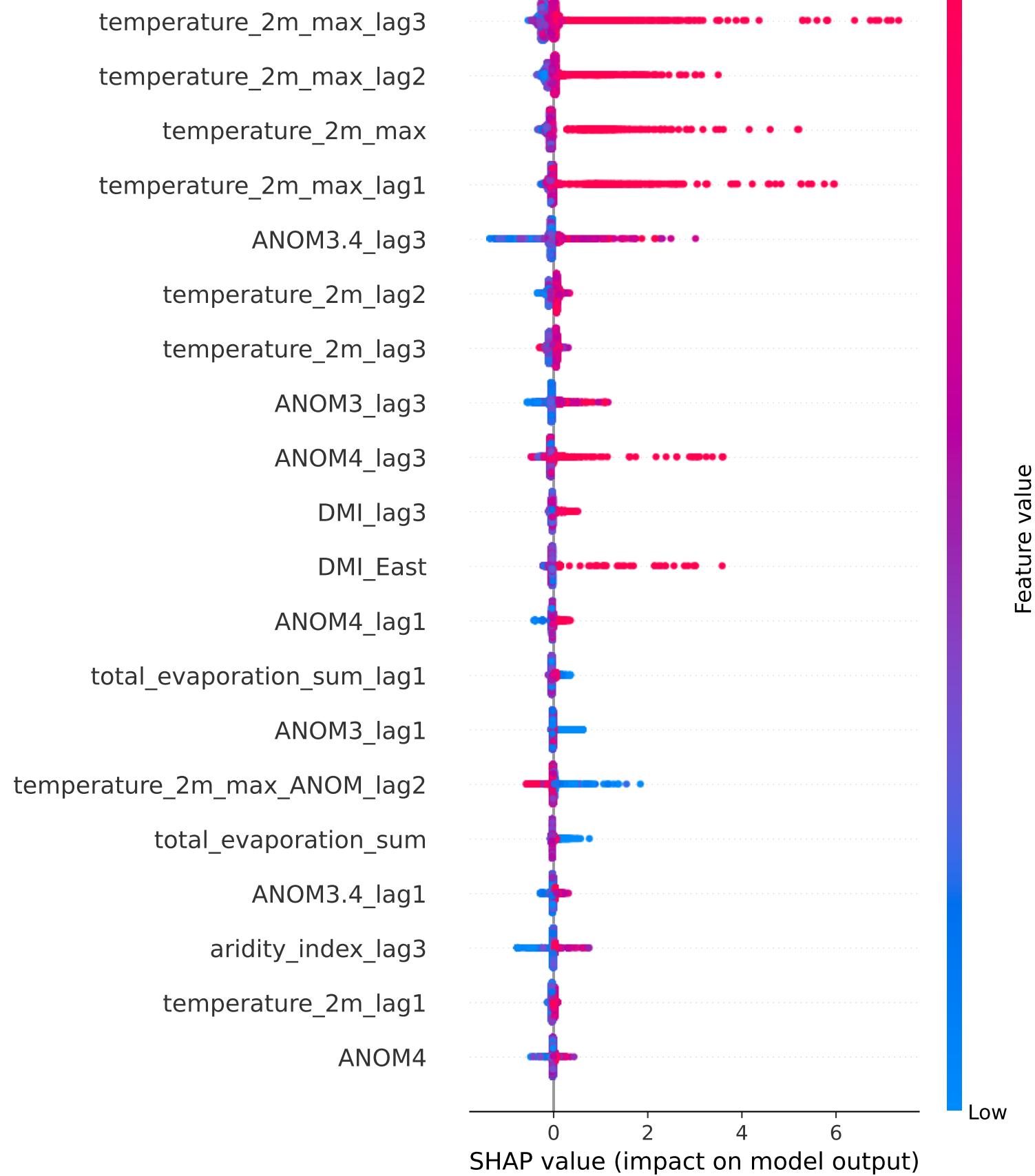
Maluku\_Papua - Full | RMSE: 7.54, MAE: 2.29

High

Feature value

Low

SHAP value (impact on model output)



Kalimantan - Train/Val | RMSE: 7.58, MAE: 4.40

High

evaporative\_stress\_index\_lag3

ANOM4

ANOM3\_lag3

ANOM3\_lag1

ANOM3.4\_lag1

potential\_evaporation\_sum\_lag3

ANOM1+2\_lag1

ANOM4\_lag6

ANOM3.4

ANOM1+2

temperature\_2m\_lag1

ANOM4\_lag1

ANOM3.4\_lag3

DMI\_East\_lag1

potential\_evaporation\_sum\_lag2

temperature\_2m

DMI

ANOM3.4\_lag6

temperature\_2m\_max\_lag3

DMI\_East

SHAP value (impact on model output)

Low

Feature value

High

evaporative\_stress\_index\_lag3



ANOM4\_lag1



ANOM4



ANOM3\_lag3



total\_evaporation\_sum\_ANOM



temperature\_2m\_min\_ANOM



temperature\_2m\_lag1



ANOM1+2\_lag6



temperature\_2m\_max\_ANOM



potential\_evaporation\_sum\_lag3



ANOM1+2



DMI\_lag3



ANOM3.4\_lag6



temperature\_2m\_min\_ANOM\_lag1



aridity\_index\_lag3



ANOM3.4\_lag1



ANOM4\_lag6



total\_evaporation\_sum\_ANOM\_lag2



ANOM3\_lag1



potential\_evaporation\_sum\_lag2



Low

SHAP value (impact on model output)

Kalimantan - Full | RMSE: 7.80, MAE: 4.62

High

evaporative\_stress\_index\_lag3

ANOM4

ANOM3\_lag3

ANOM3\_lag1

ANOM3.4\_lag1

ANOM4\_lag1

potential\_evaporation\_sum\_lag3

ANOM1+2

ANOM1+2\_lag1

ANOM4\_lag6

temperature\_2m\_lag1

potential\_evaporation\_sum\_lag2

ANOM3.4

ANOM3.4\_lag3

DMI\_East\_lag1

ANOM1+2\_lag6

ANOM3.4\_lag6

DMI

temperature\_2m\_min\_ANOM

total\_evaporation\_sum\_ANOM

Feature value

SHAP value (impact on model output)

-2 0 2 4 6 8

Low