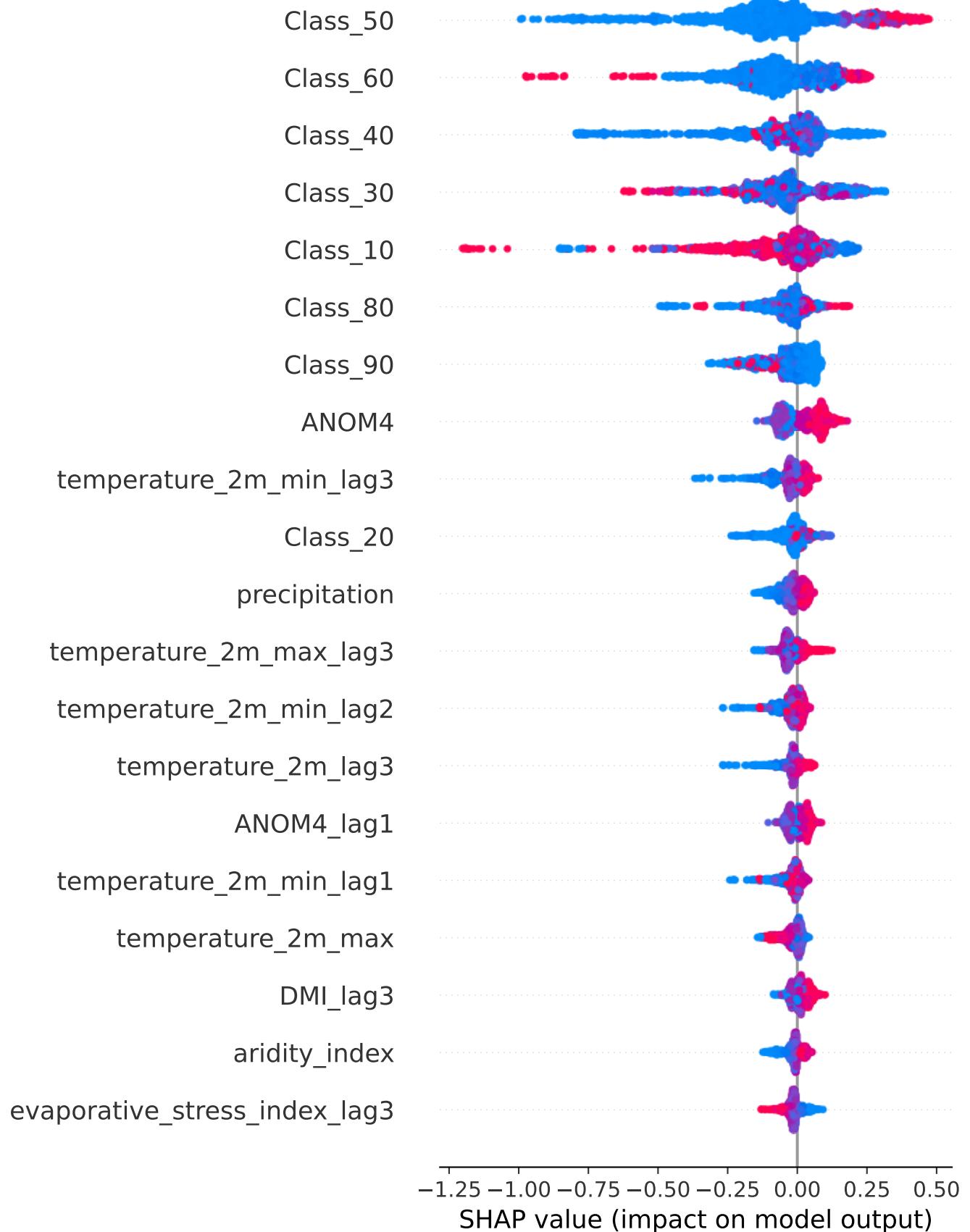


## SHAP Beeswarm Plot - Sumatra

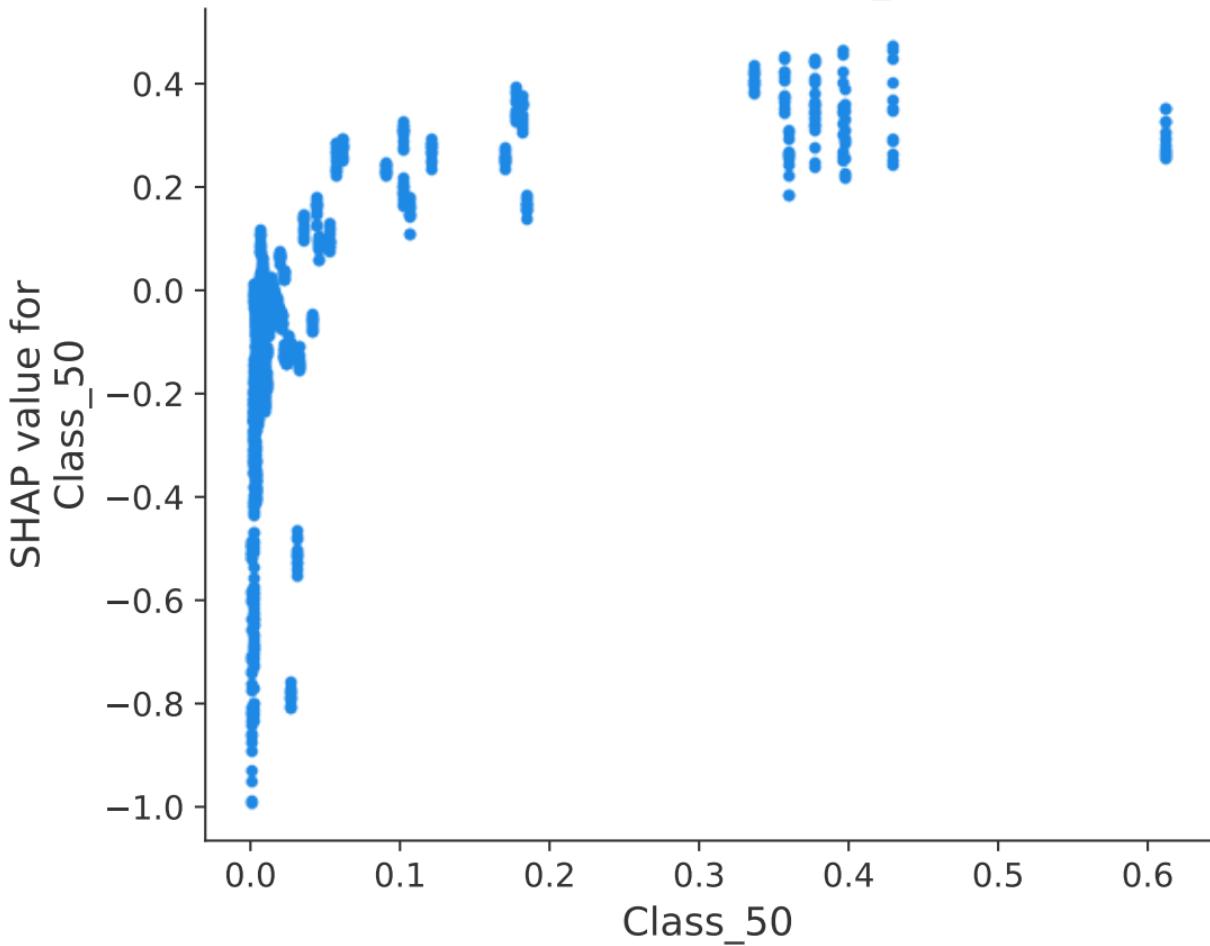
High

Feature value

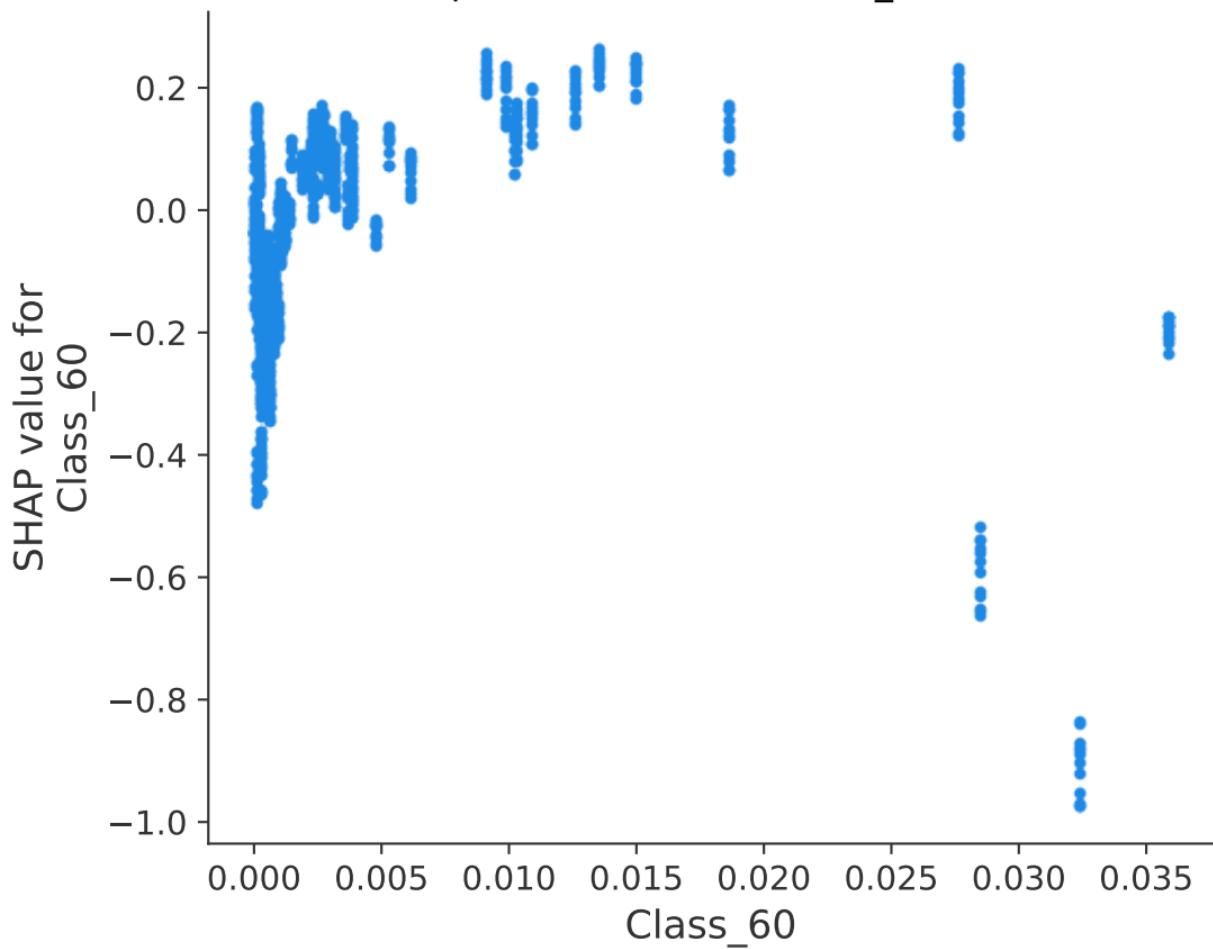
Low



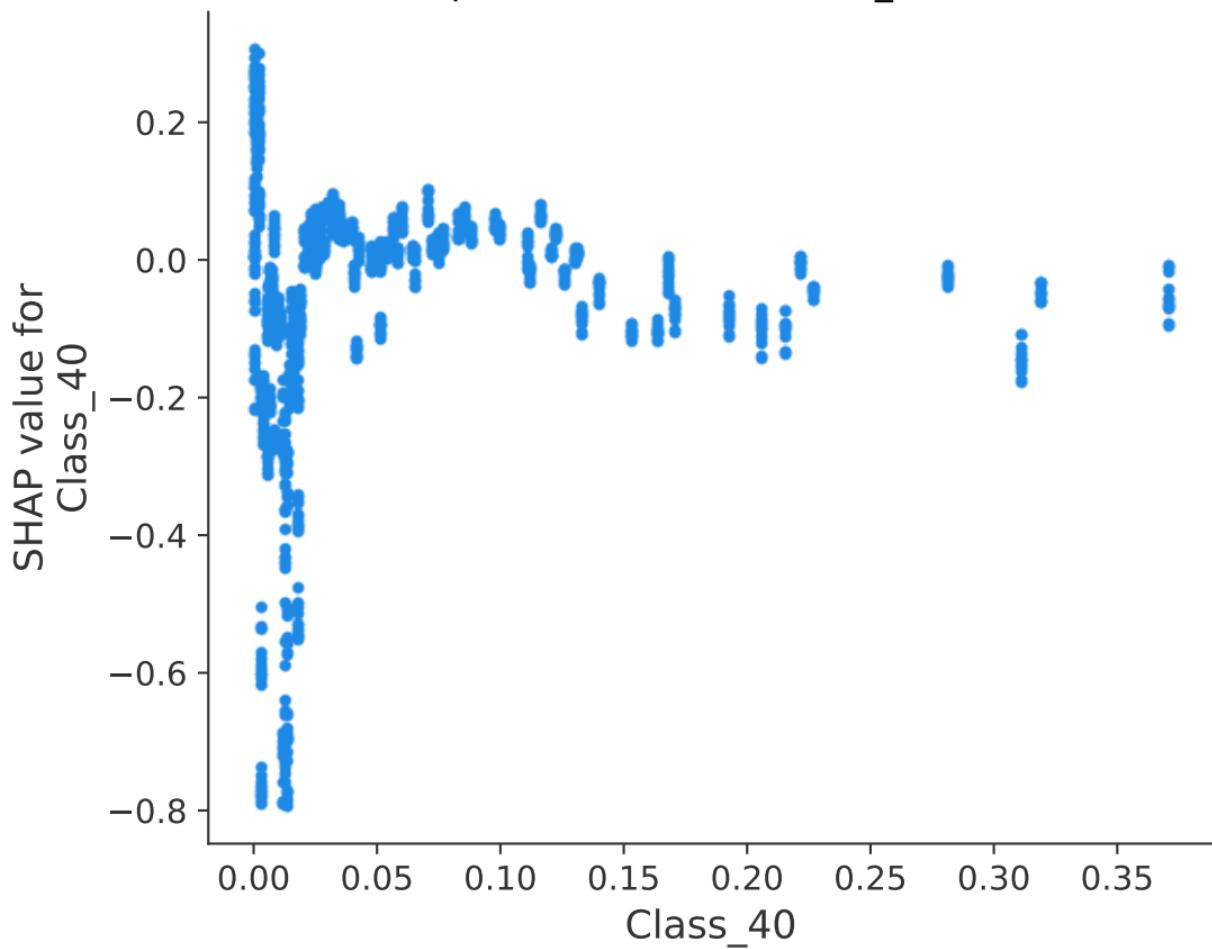
# SHAP Dependence Plot for Class\_50 - Sumatra



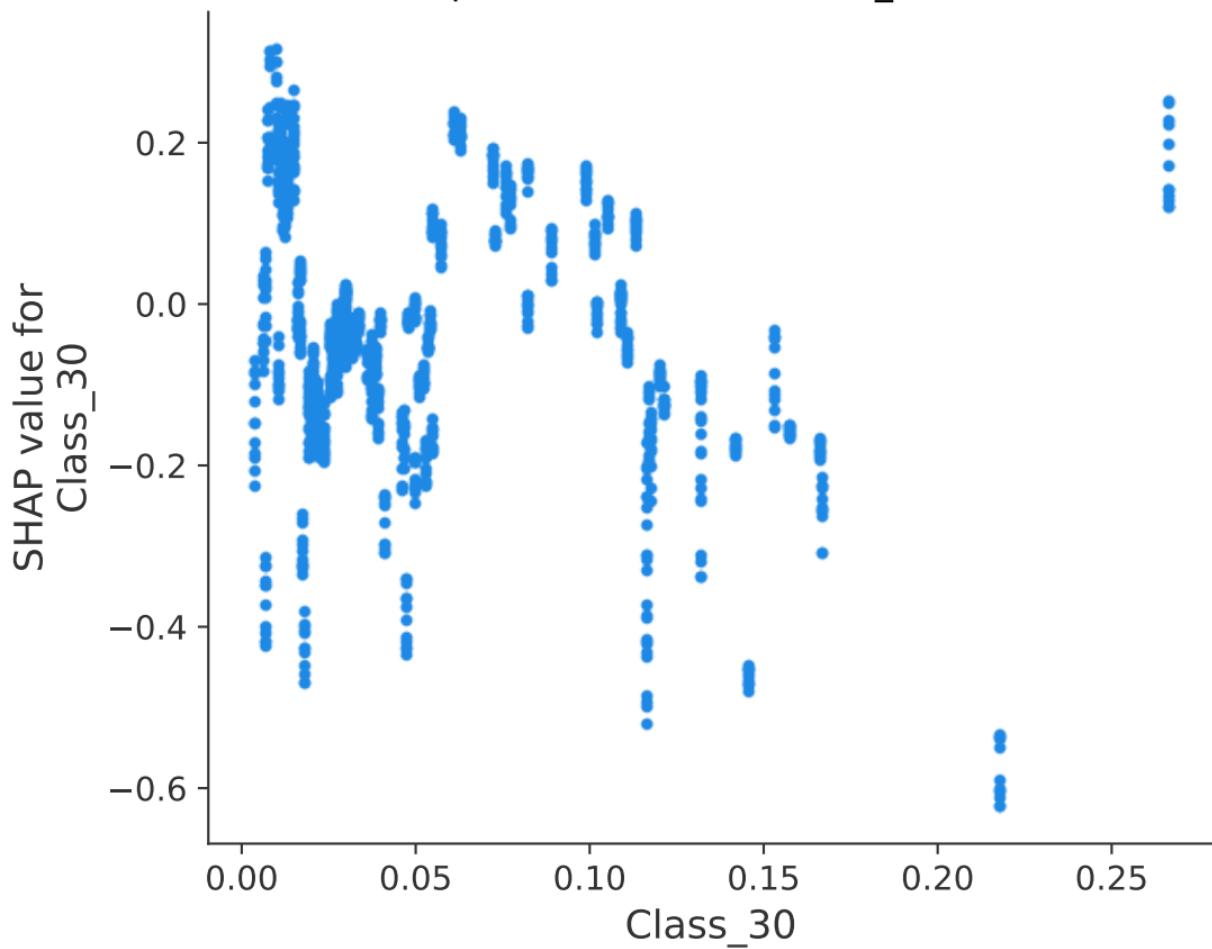
# SHAP Dependence Plot for Class\_60 - Sumatra



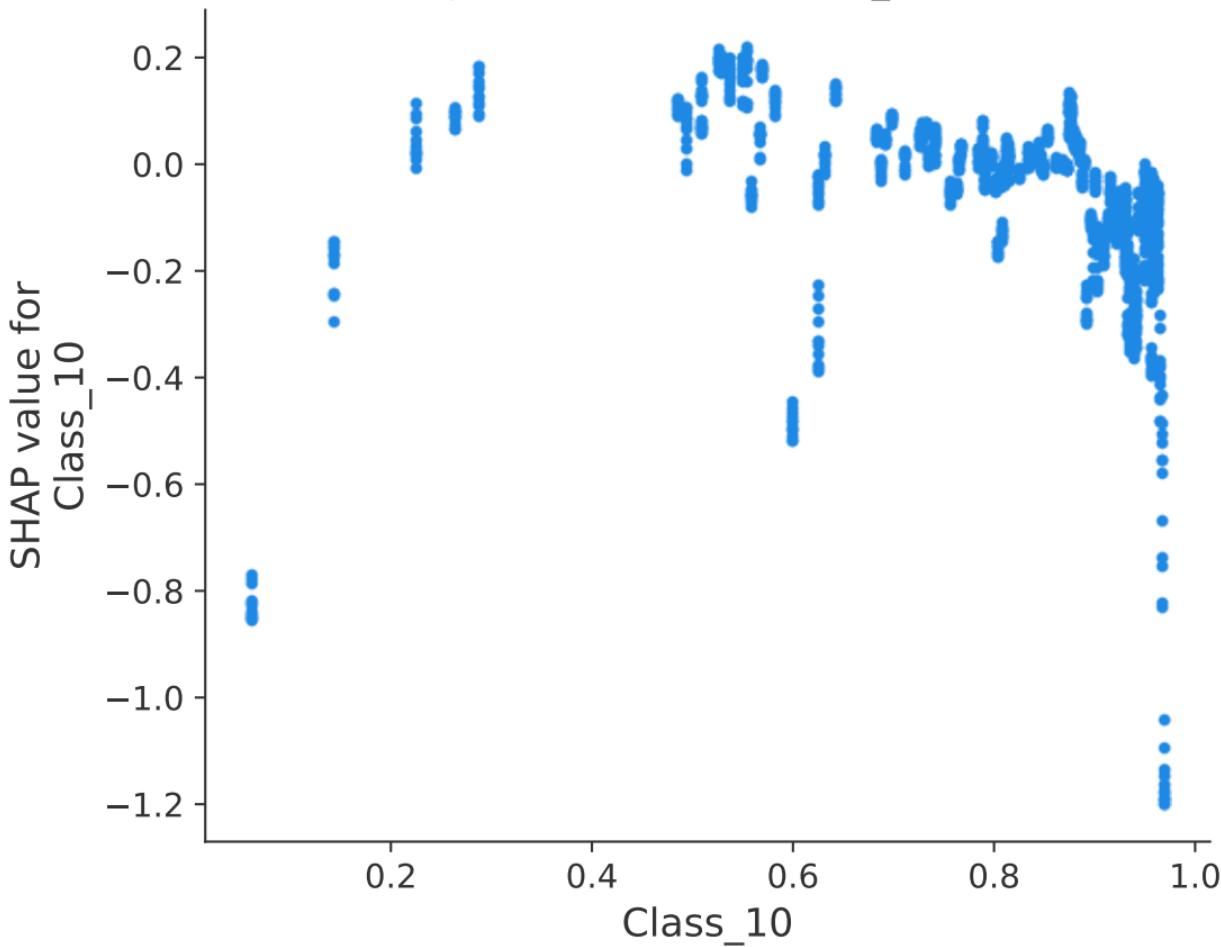
# SHAP Dependence Plot for Class\_40 - Sumatra



# SHAP Dependence Plot for Class\_30 - Sumatra



# SHAP Dependence Plot for Class\_10 - Sumatra

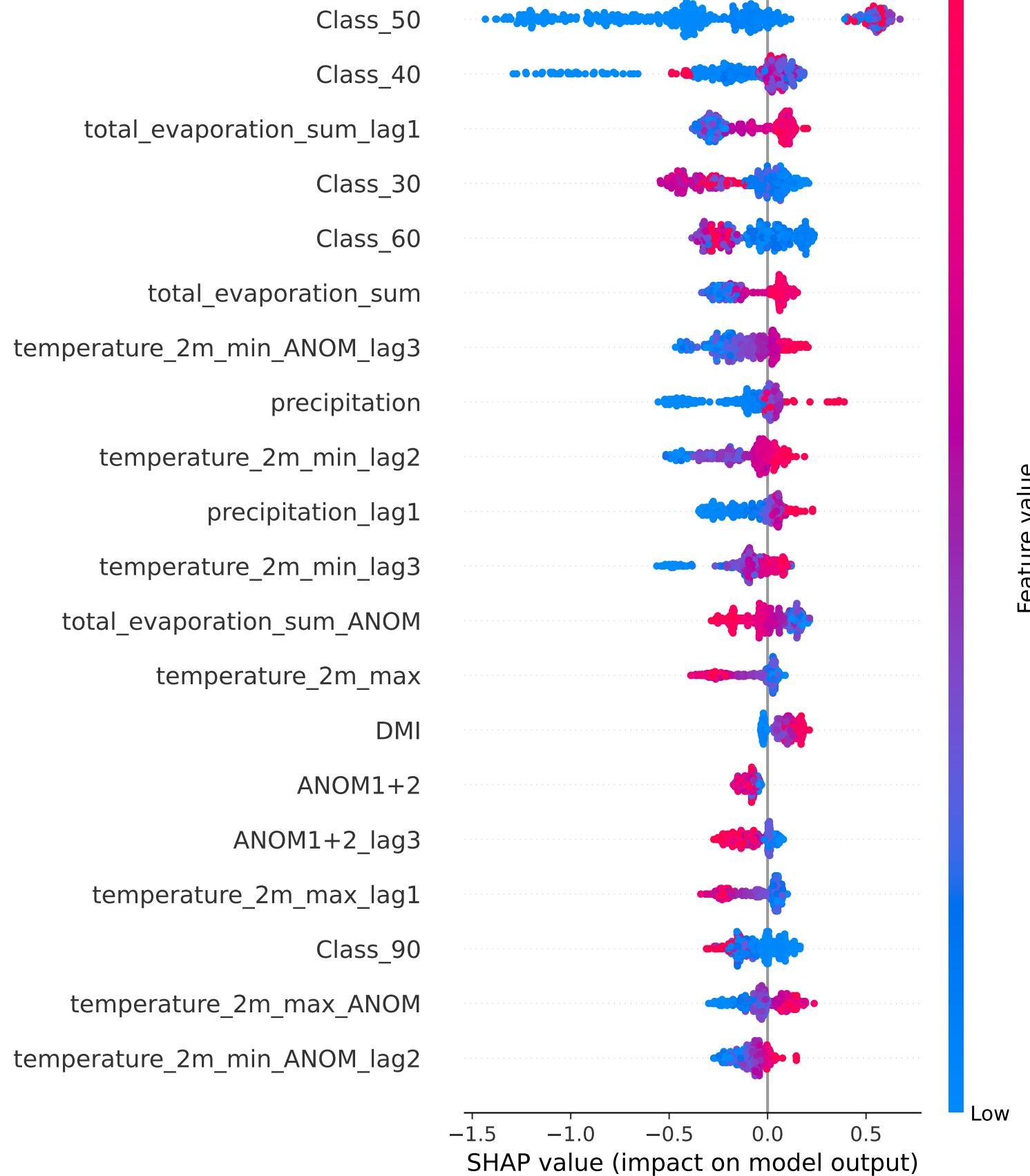


## SHAP Beeswarm Plot - Nusa Tenggara

High

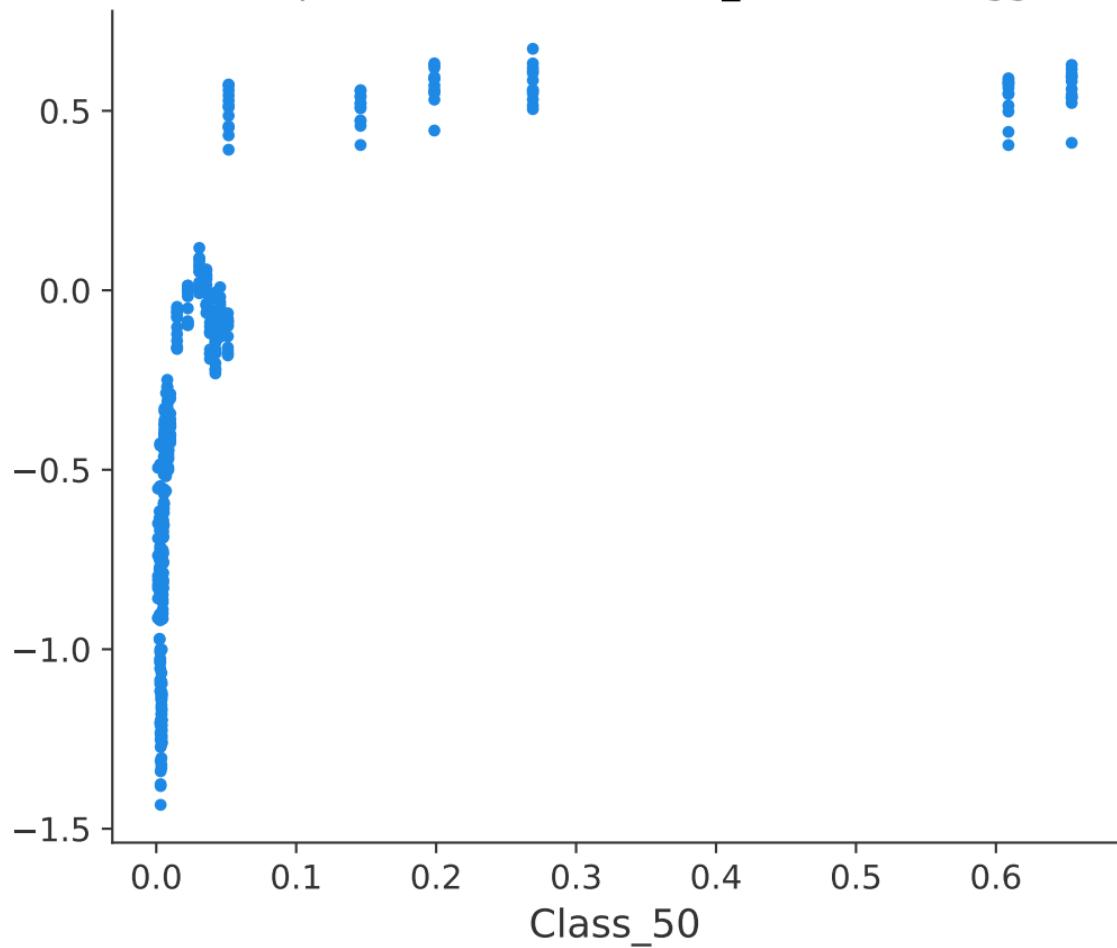
Feature value

Low

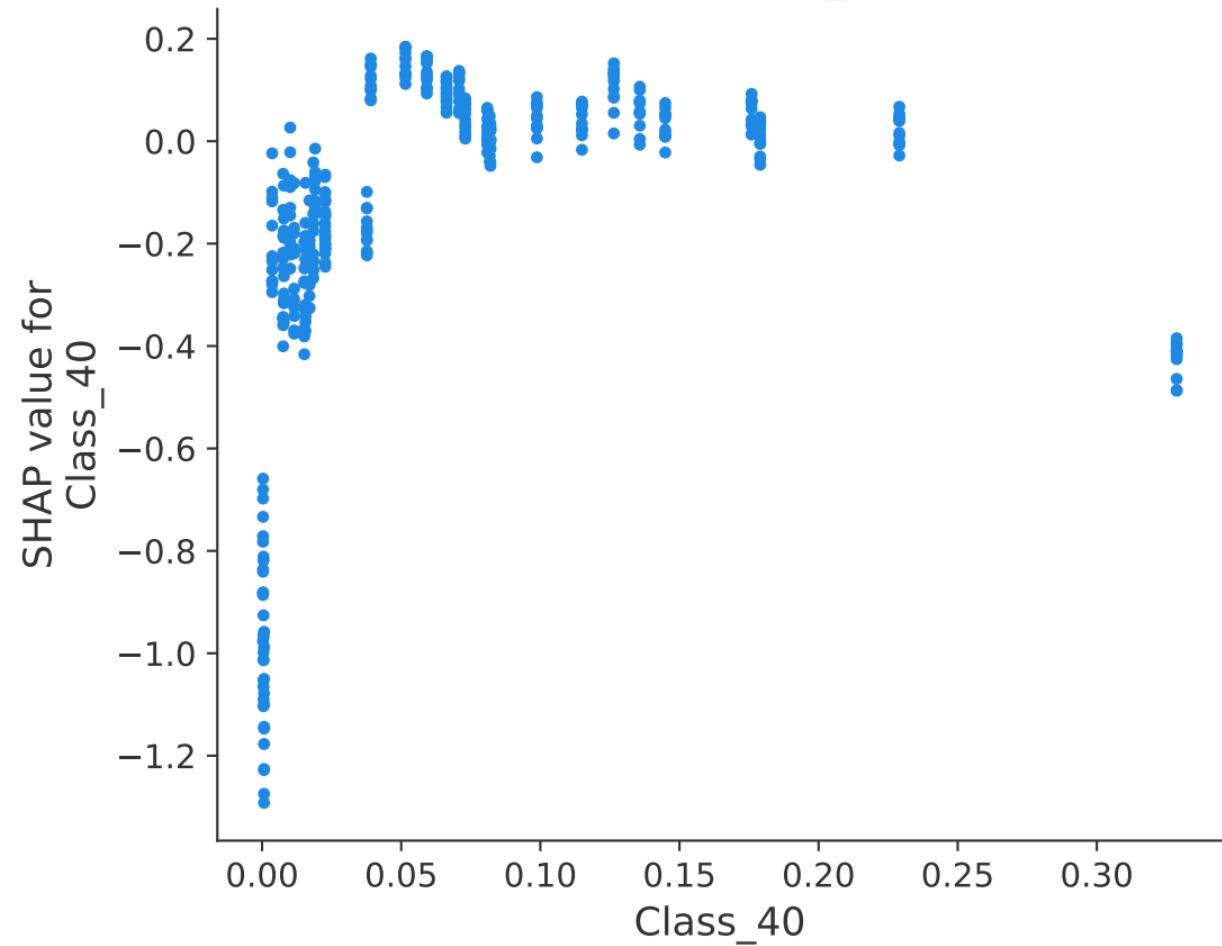


# SHAP Dependence Plot for Class\_50 - Nusa Tenggara

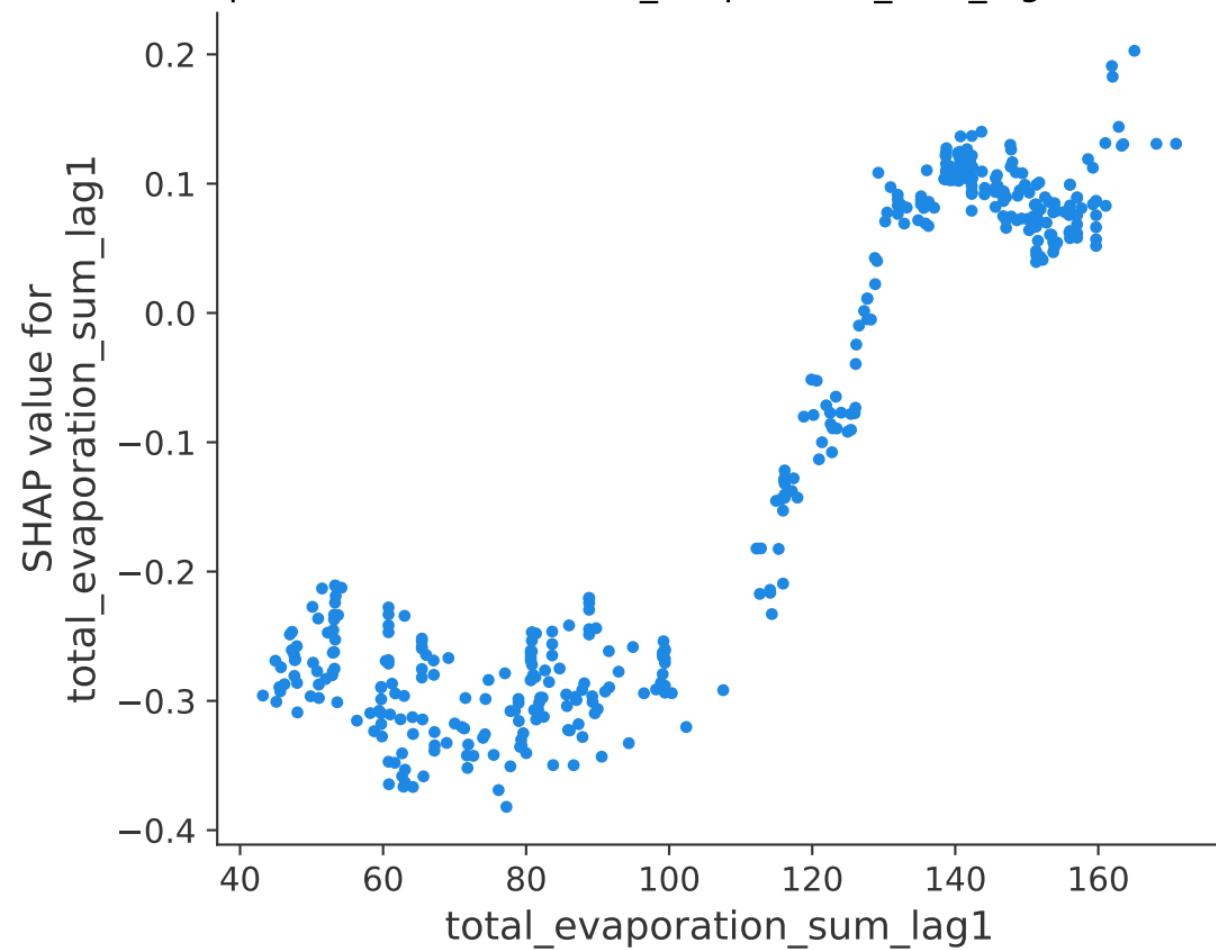
SHAP value for  
Class\_50



# SHAP Dependence Plot for Class\_40 - Nusa Tenggara



# SHAP Dependence Plot for total\_evaporation\_sum\_lag1 - Nusa Tenggara



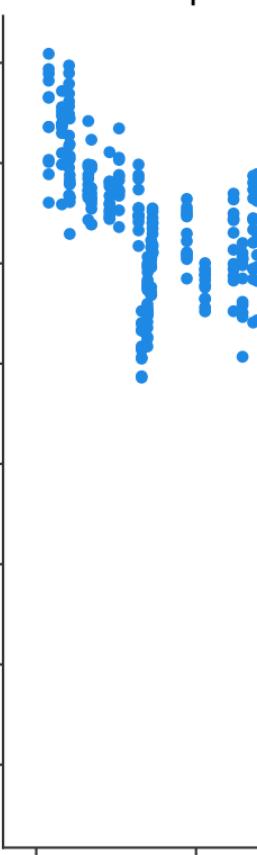
# SHAP Dependence Plot for Class\_30 - Nusa Tenggara

SHAP value for  
Class\_30

0.0 0.1 0.2 0.3 0.4 0.5 0.6

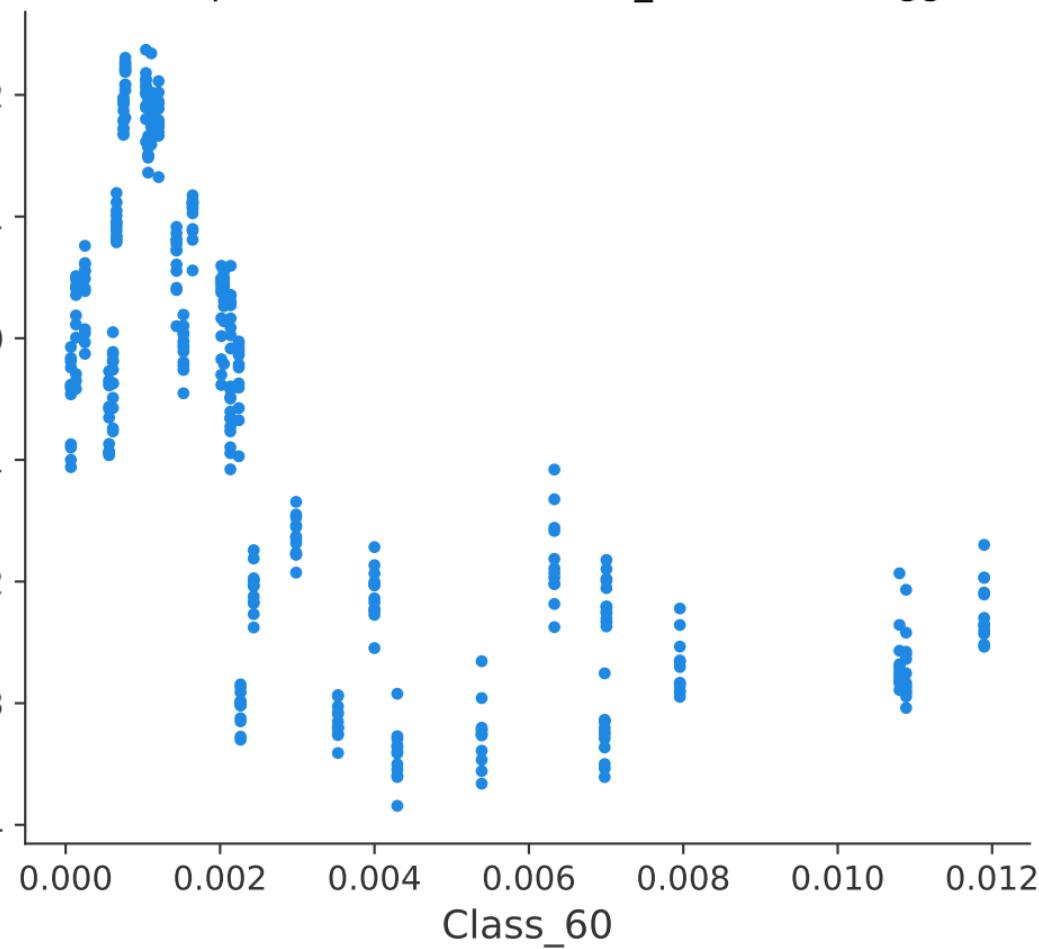
Class\_30

0.2  
0.1  
0.0  
-0.1  
-0.2  
-0.3  
-0.4  
-0.5



# SHAP Dependence Plot for Class\_60 - Nusa Tenggara

SHAP value for  
Class\_60



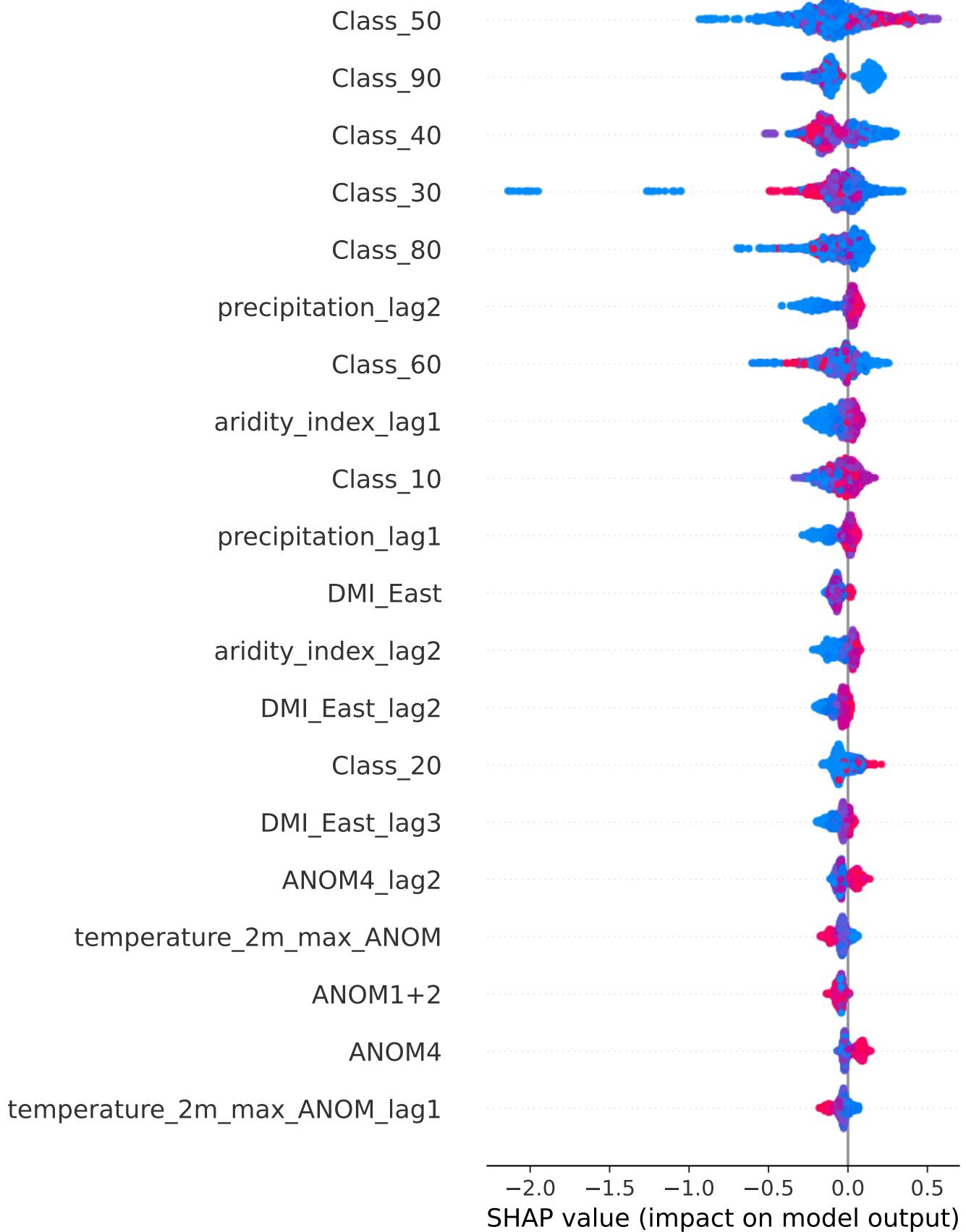
## SHAP Beeswarm Plot - Java

High

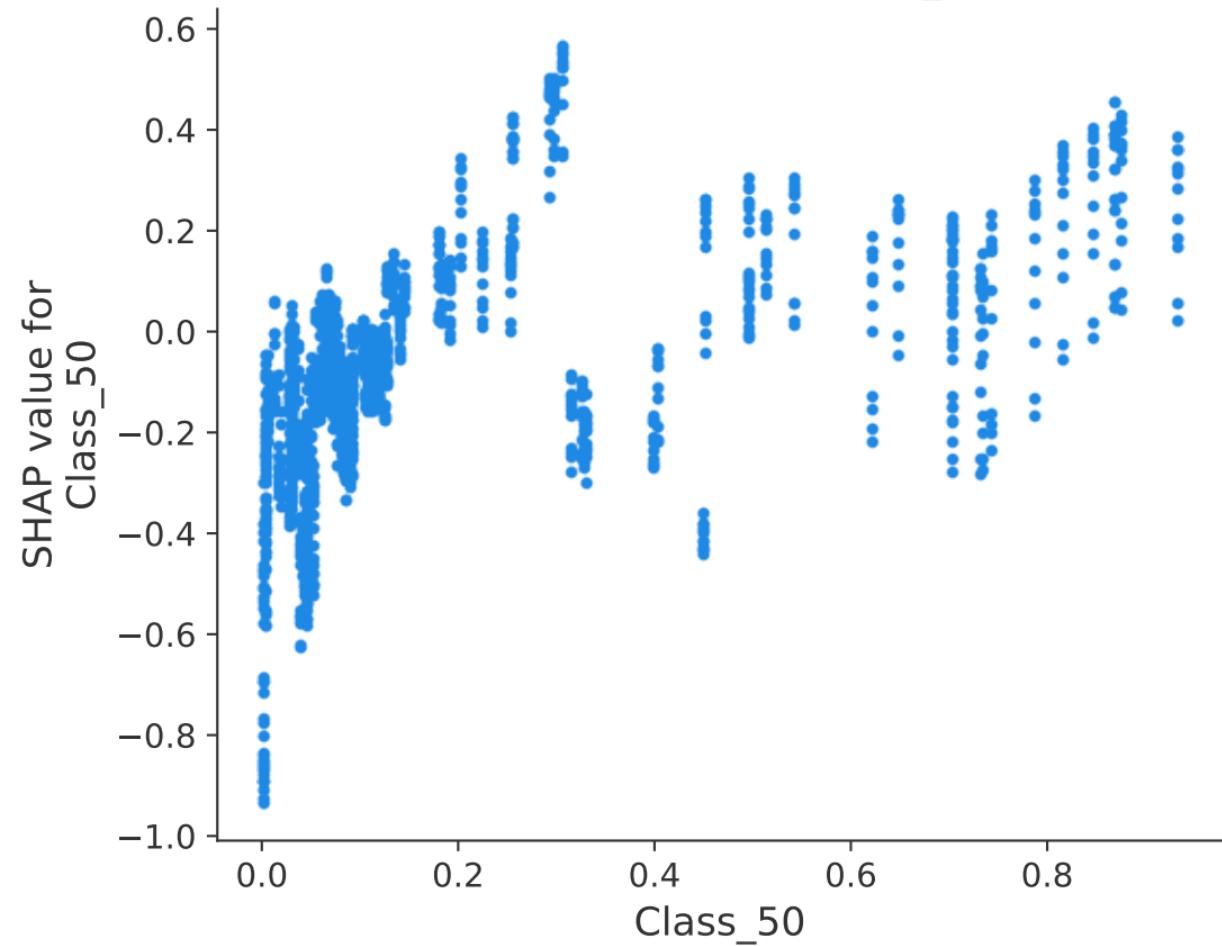
Feature value

Low

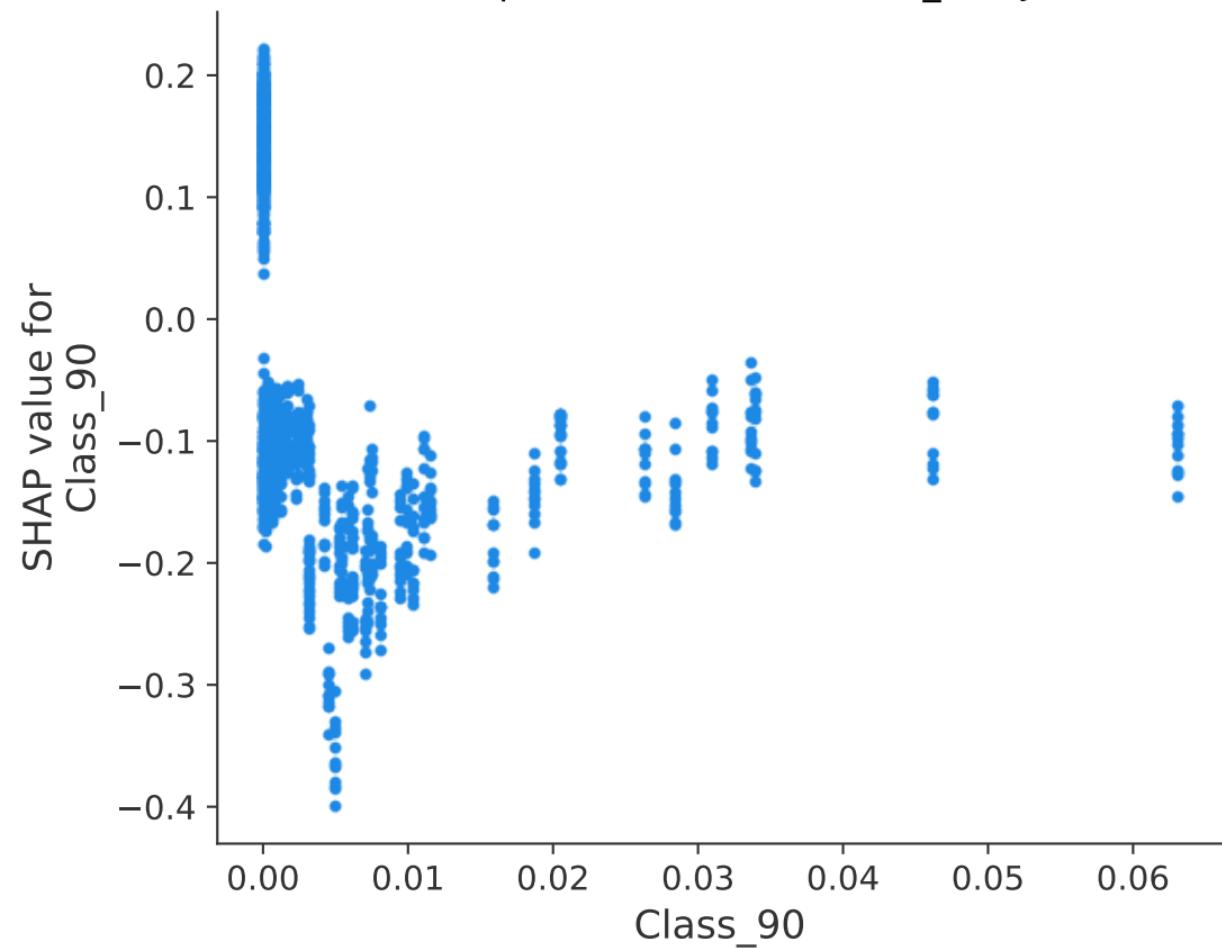
SHAP value (impact on model output)



# SHAP Dependence Plot for Class\_50 - Java



## SHAP Dependence Plot for Class\_90 - Java



## SHAP Dependence Plot for Class\_40 - Java

SHAP value for  
Class\_40

0.2

0.0

-0.2

-0.4

0.0

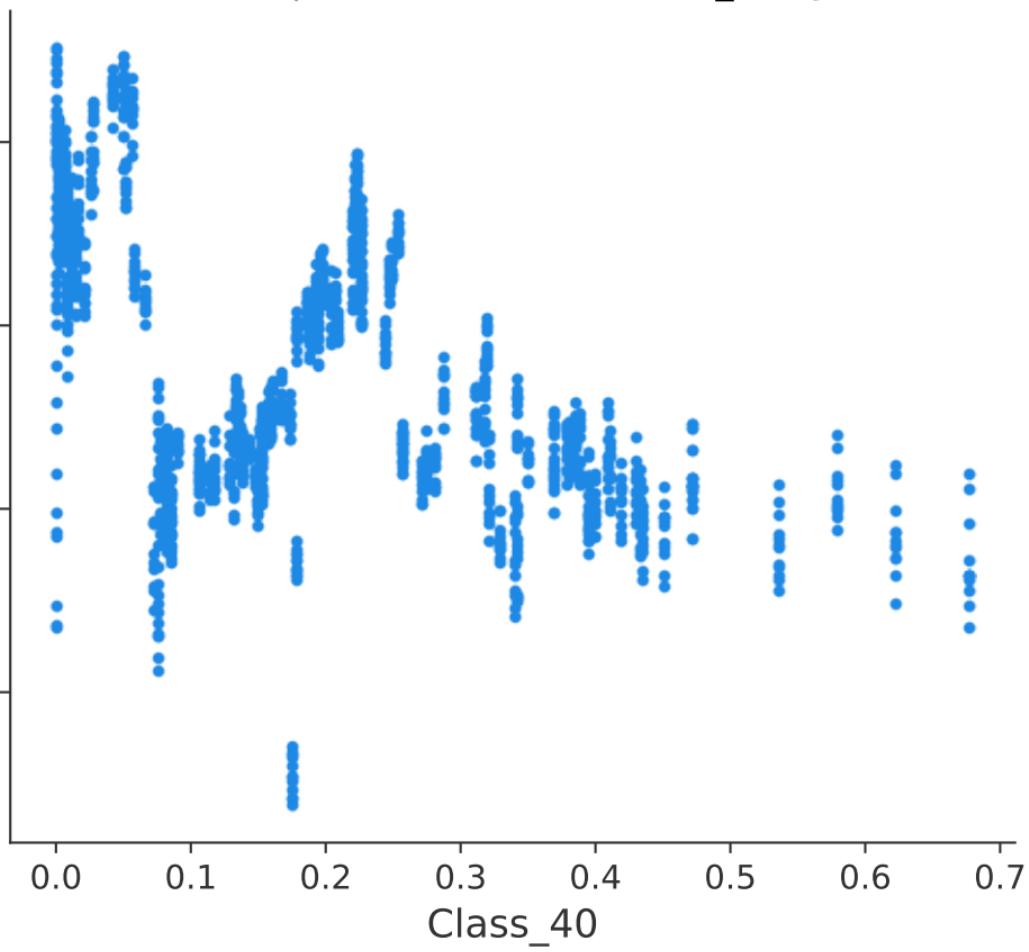
0.1

0.2

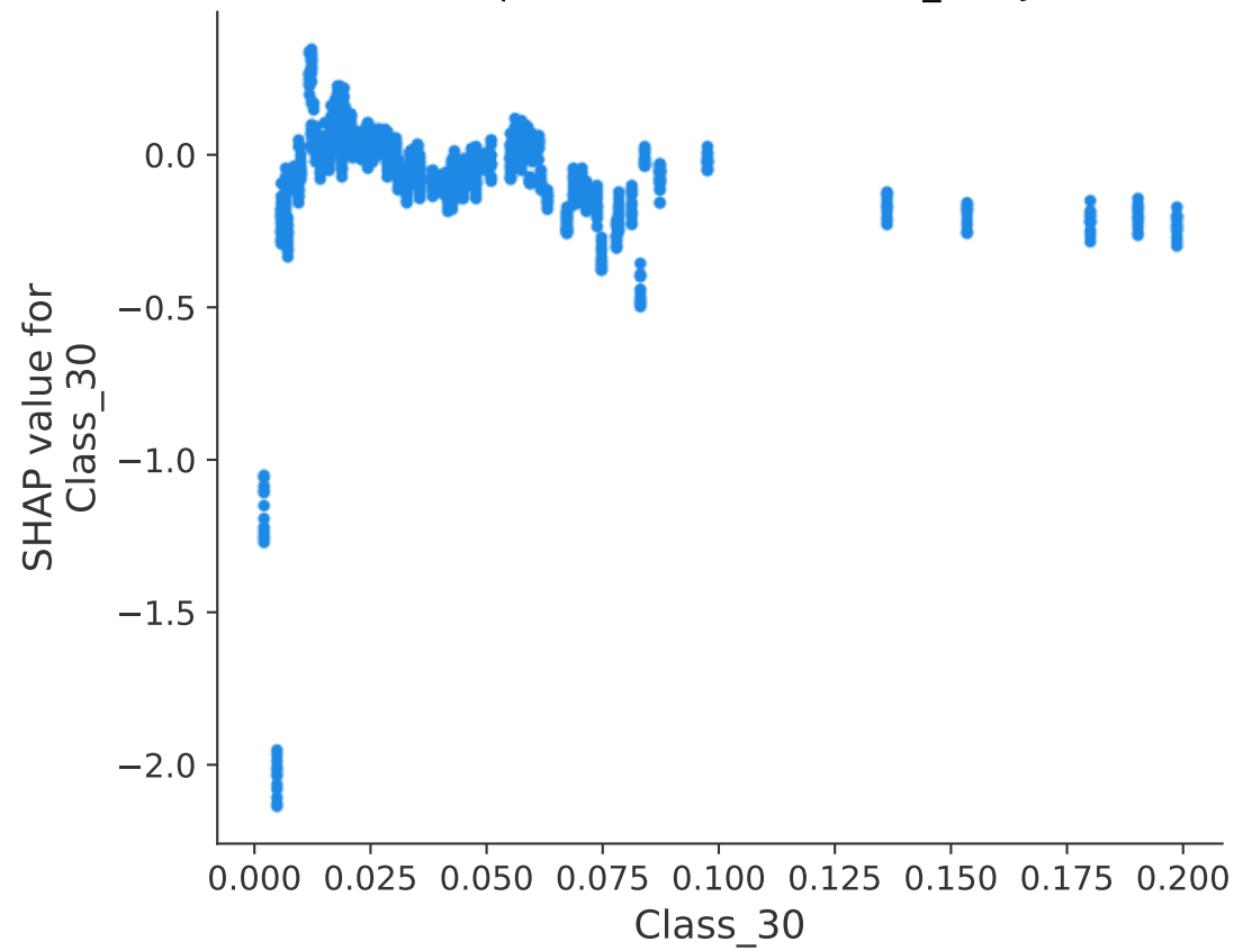
Class\_40

0.6

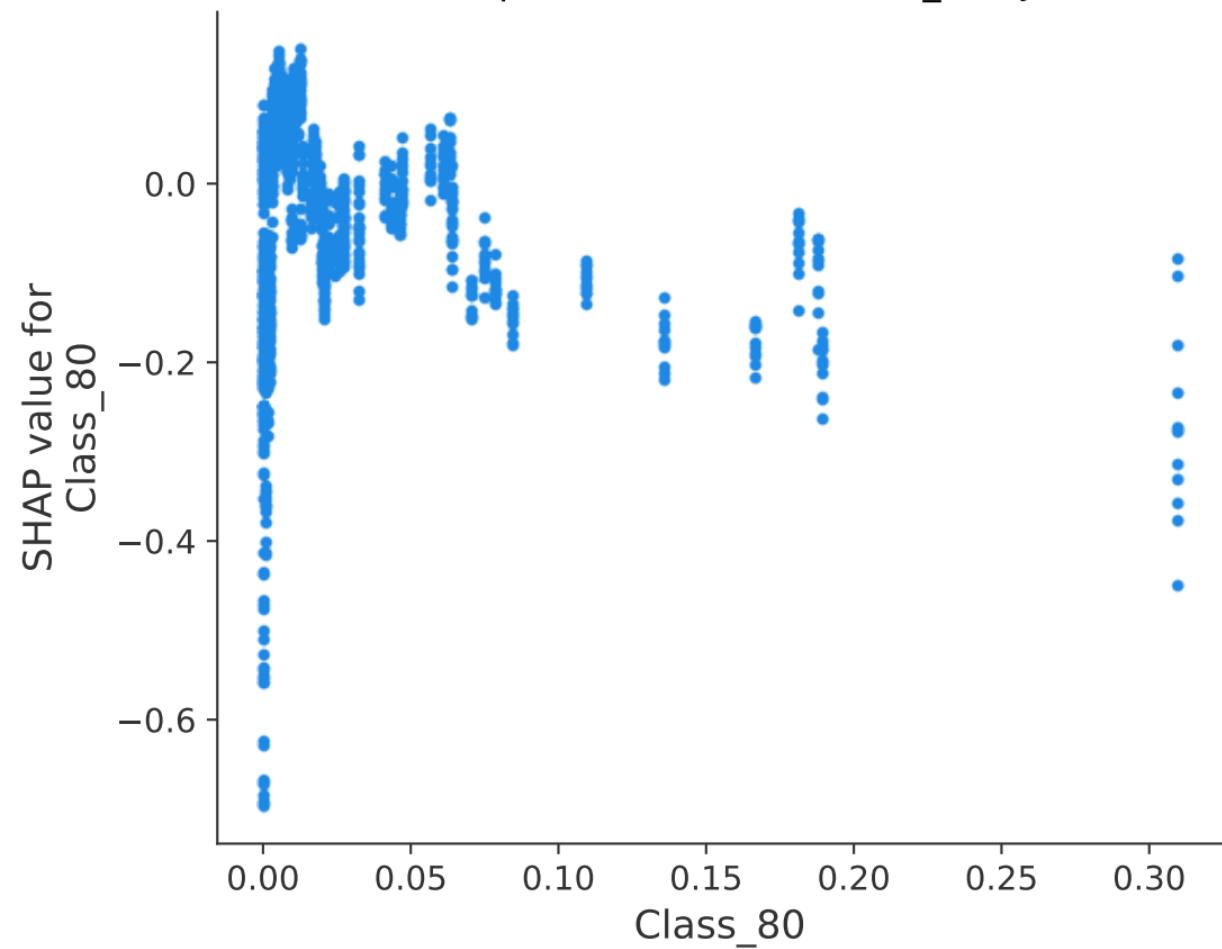
0.7



## SHAP Dependence Plot for Class\_30 - Java



## SHAP Dependence Plot for Class\_80 - Java

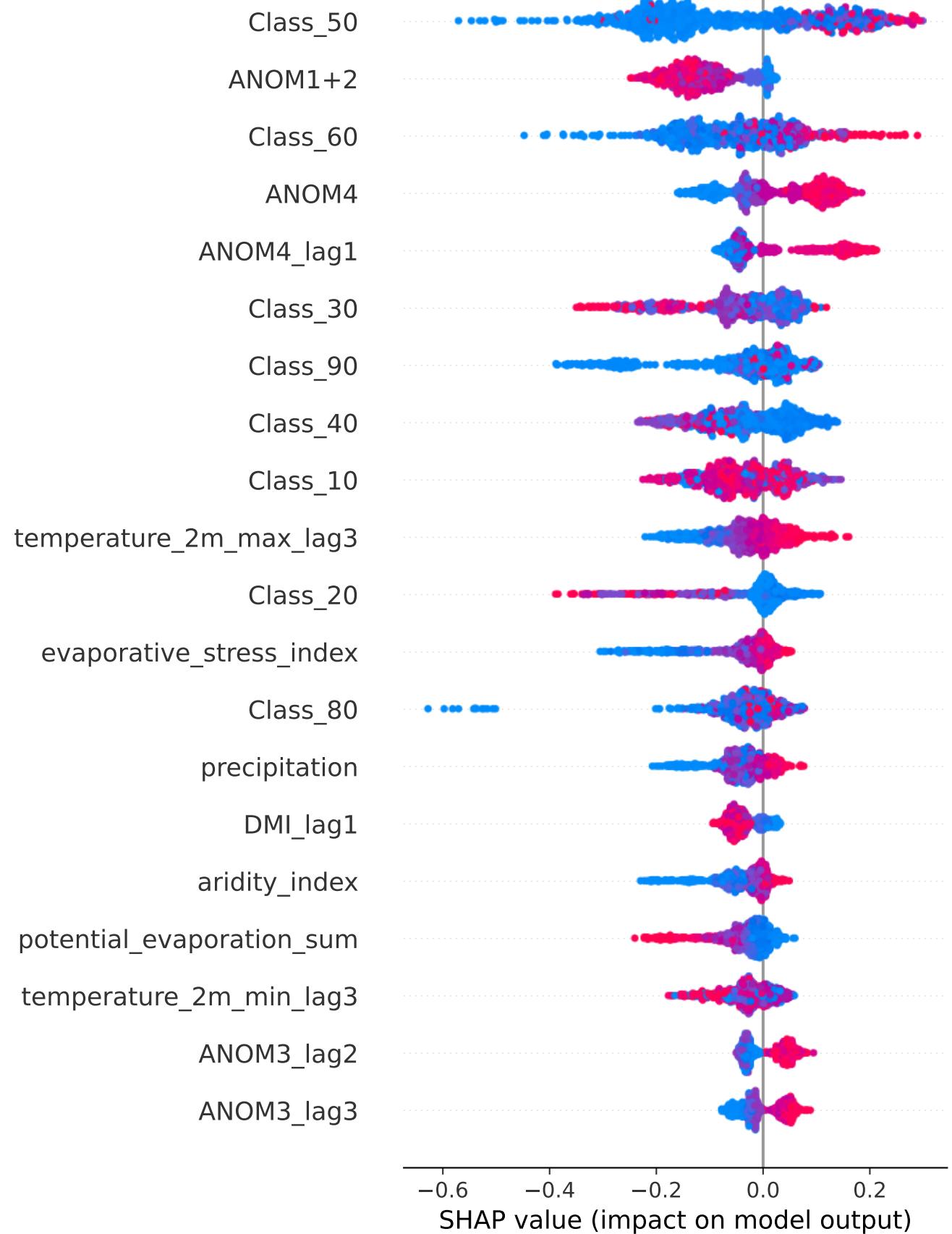


## SHAP Beeswarm Plot - Sulawesi

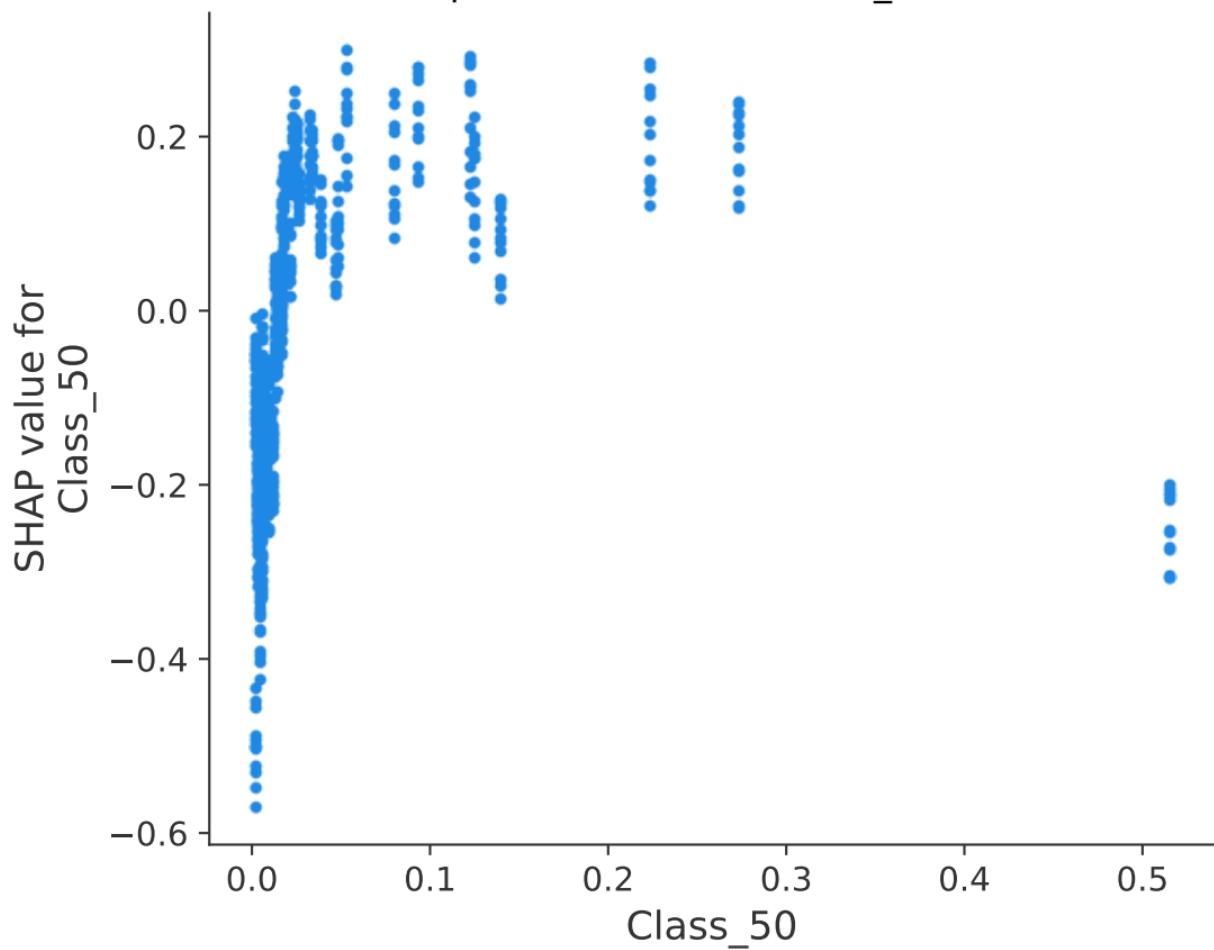
High

Feature value

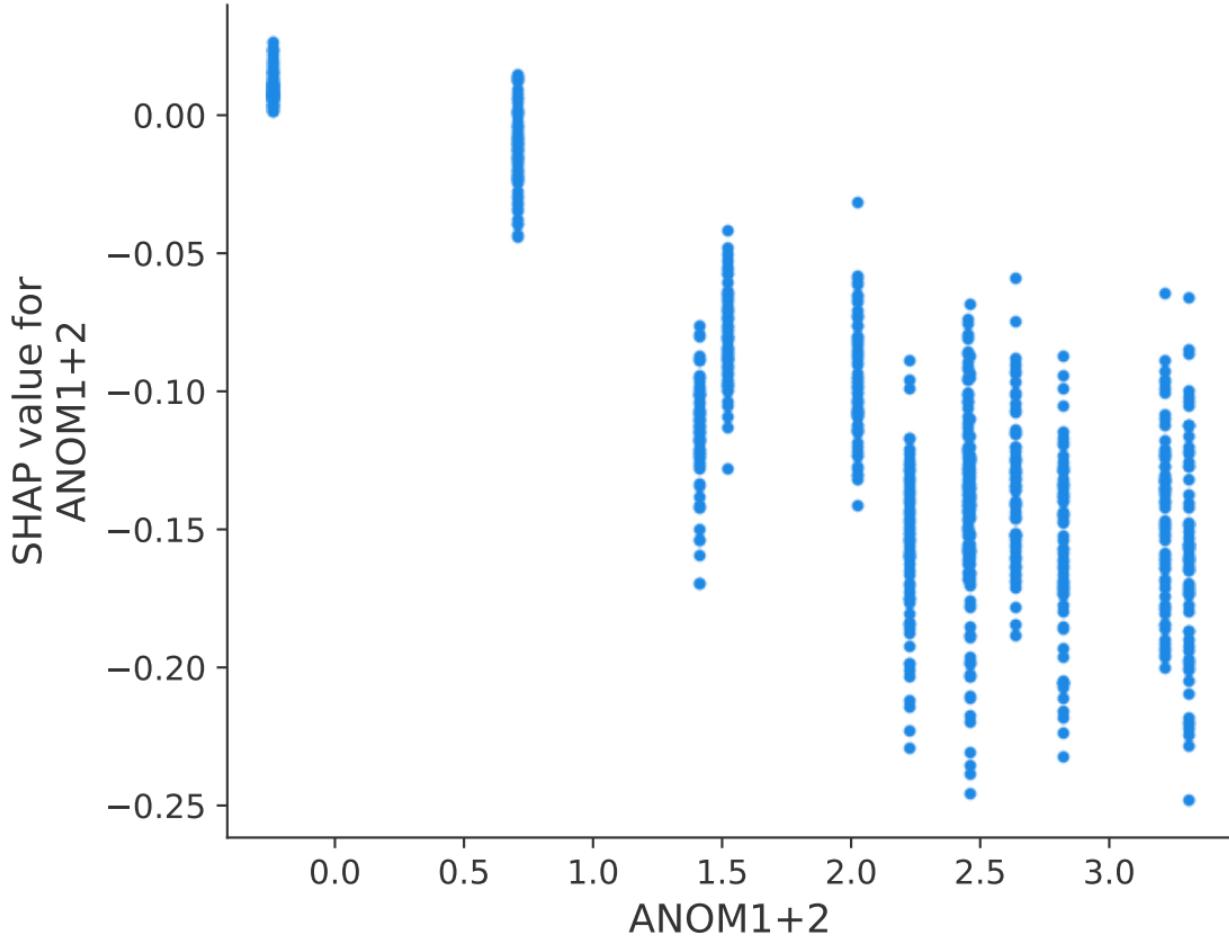
Low



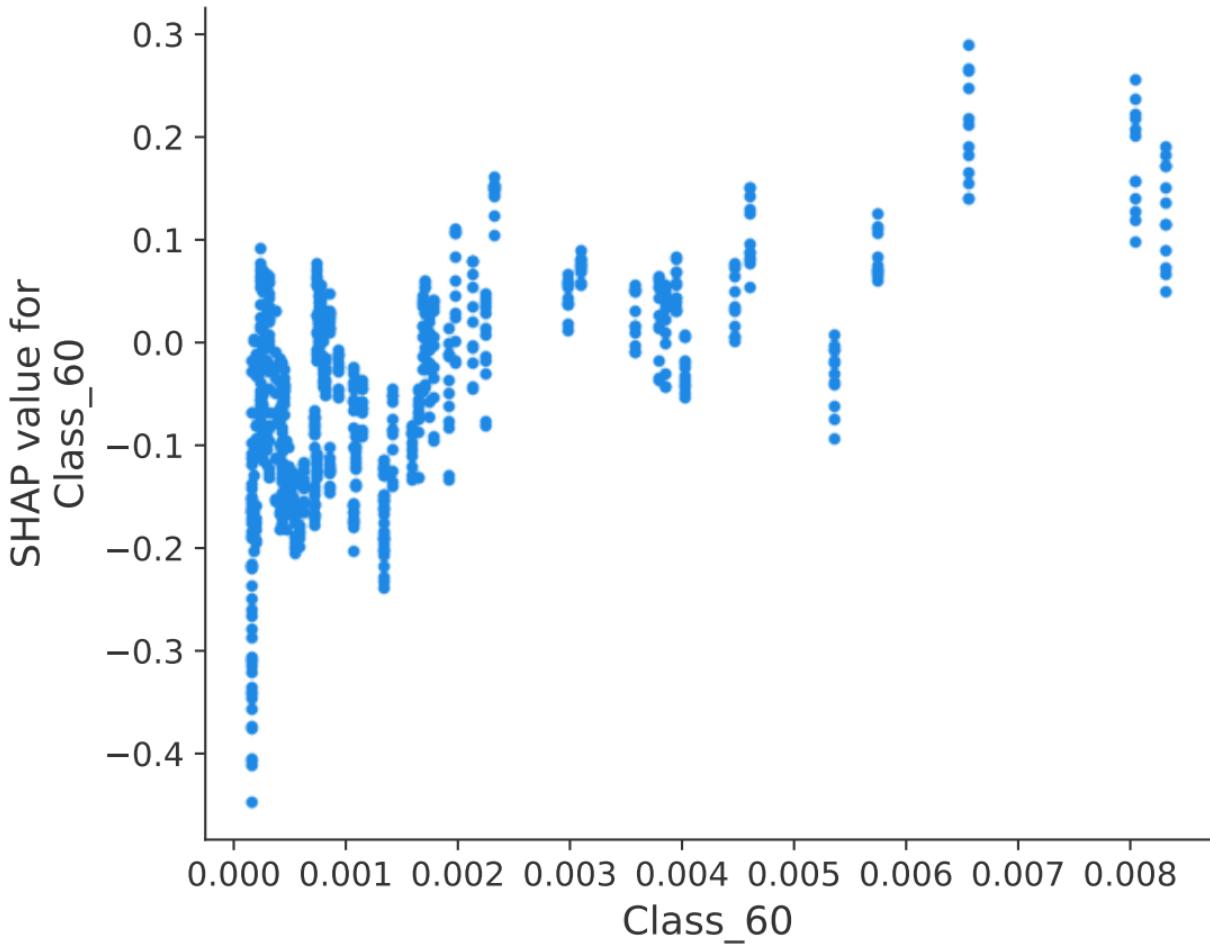
# SHAP Dependence Plot for Class\_50 - Sulawesi



# SHAP Dependence Plot for ANOM1+2 - Sulawesi



# SHAP Dependence Plot for Class\_60 - Sulawesi



# SHAP Dependence Plot for ANOM4 - Sulawesi

SHAP value for  
ANOM4

0.20

0.15

0.10

0.05

0.00

-0.05

-0.10

-0.15

-0.50

-0.25

0.00

0.25

0.50

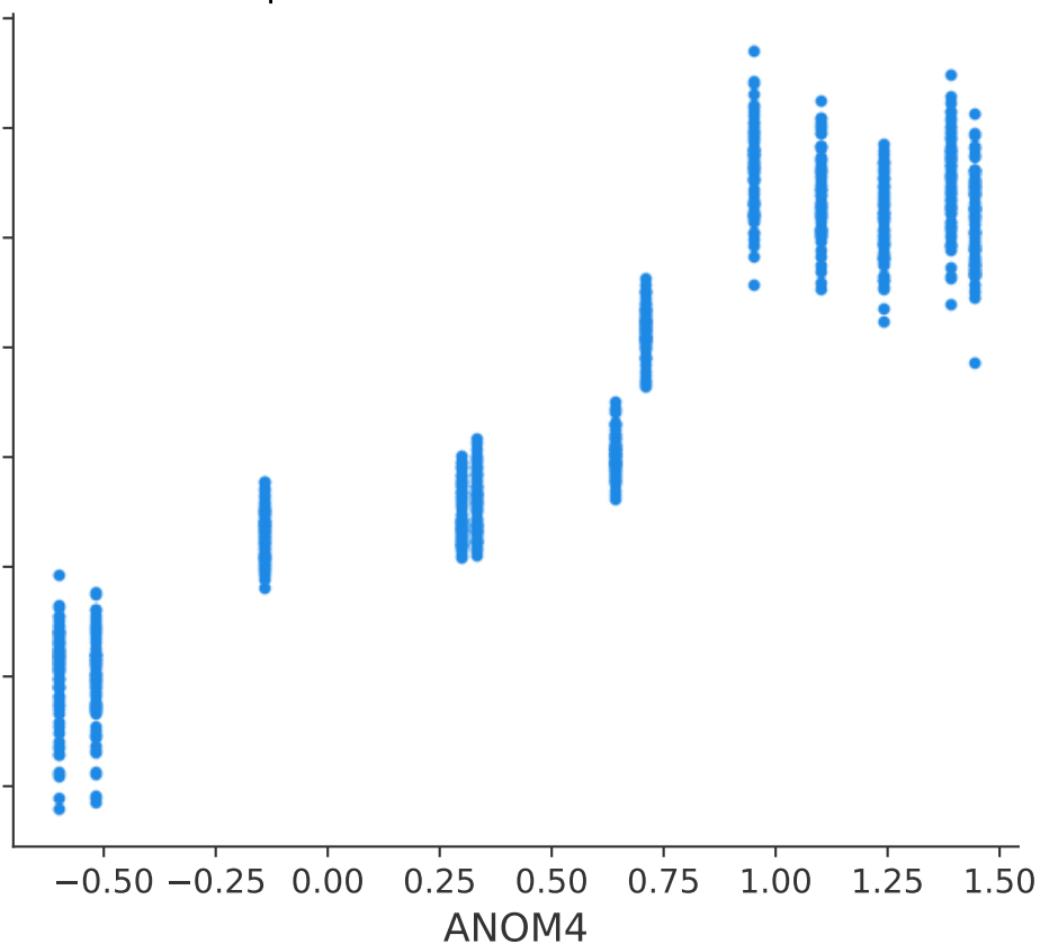
0.75

1.00

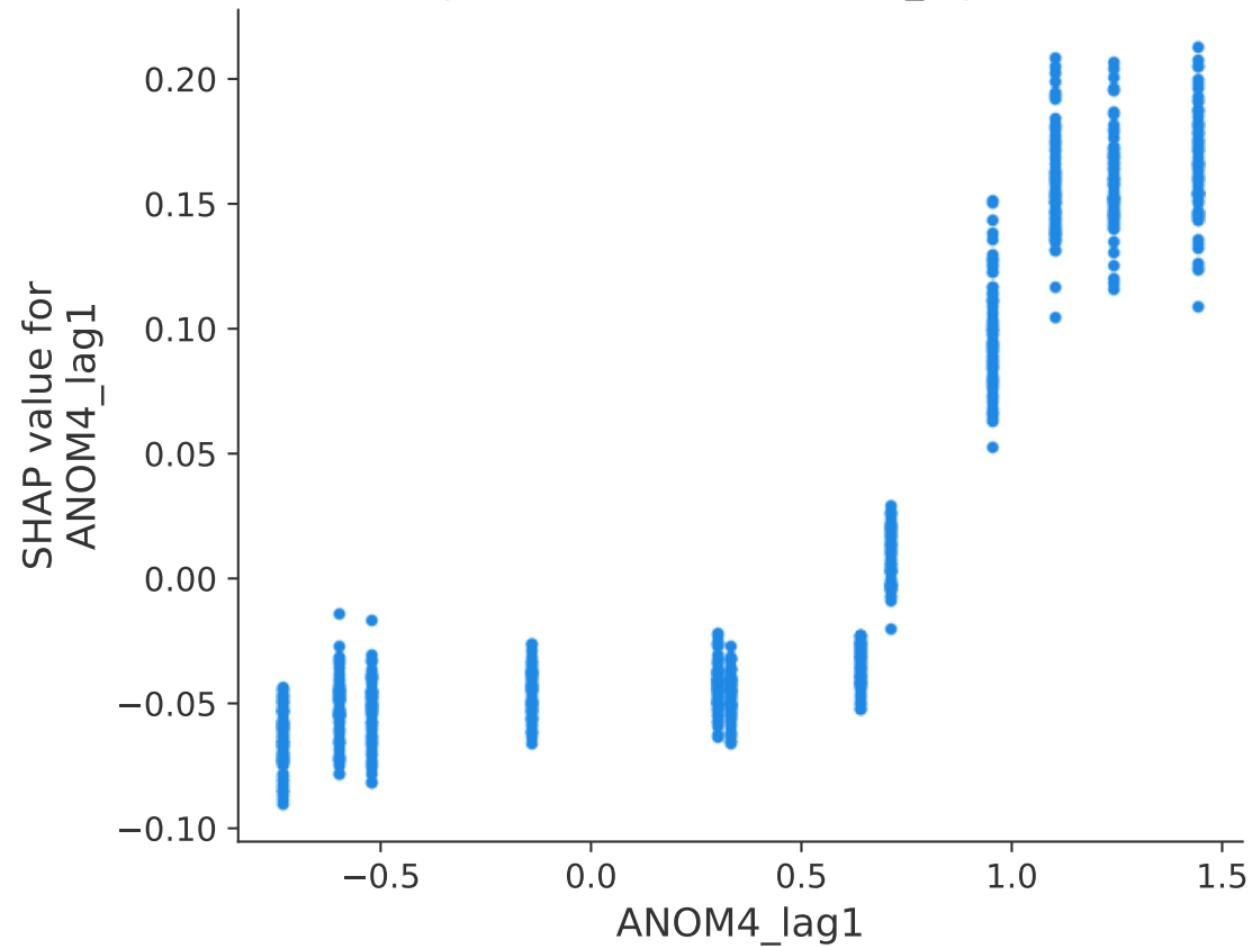
1.25

1.50

ANOM4



SHAP Dependence Plot for ANOM4\_lag1 - Sulawesi

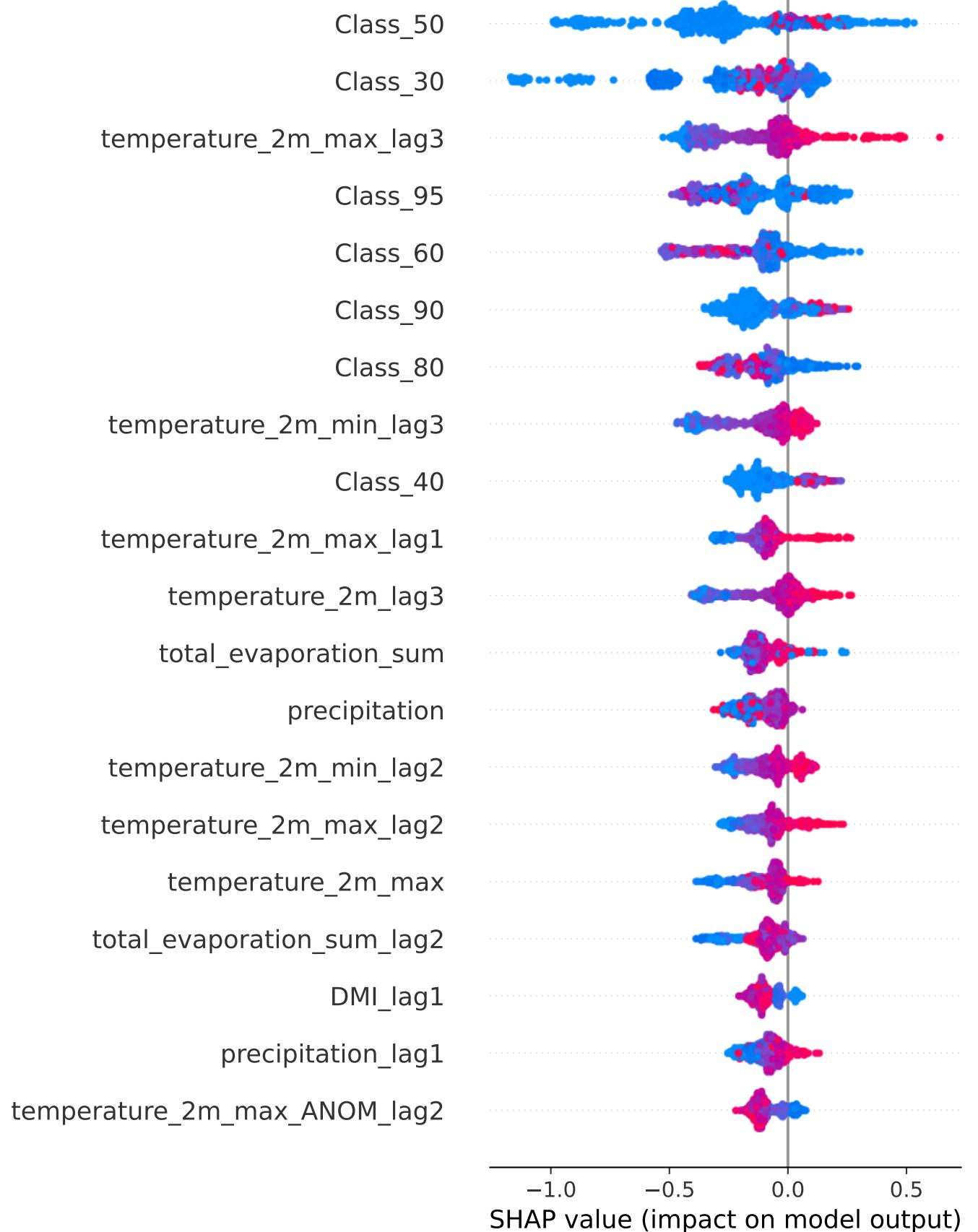


SHAP Beeswarm Plot - Maluku-Papua

High

Feature value

Low



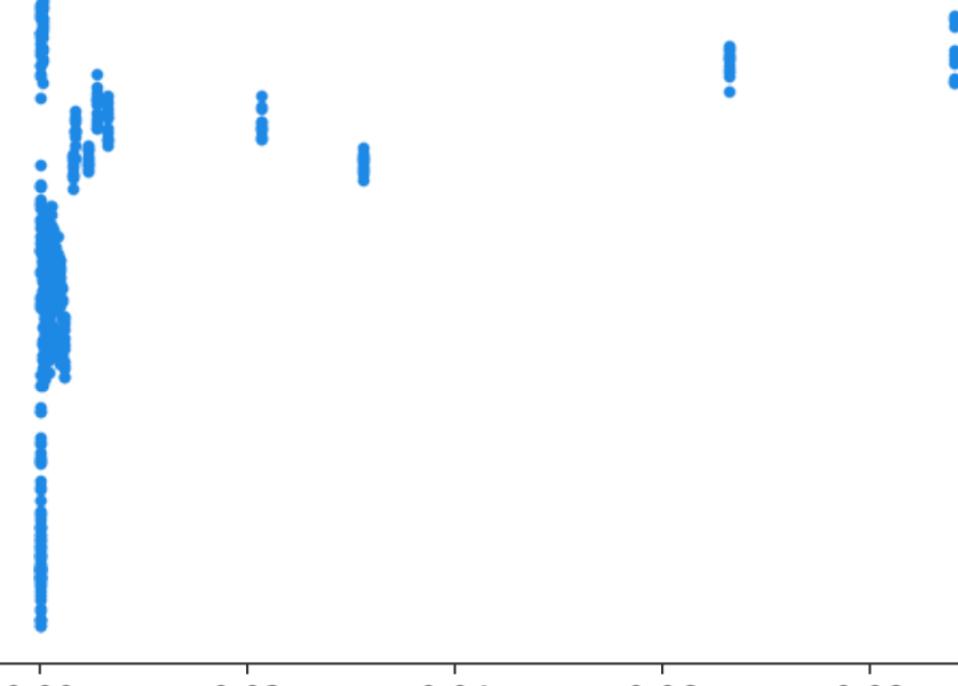
# SHAP Dependence Plot for Class\_50 - Maluku-Papua

SHAP value for  
Class\_50

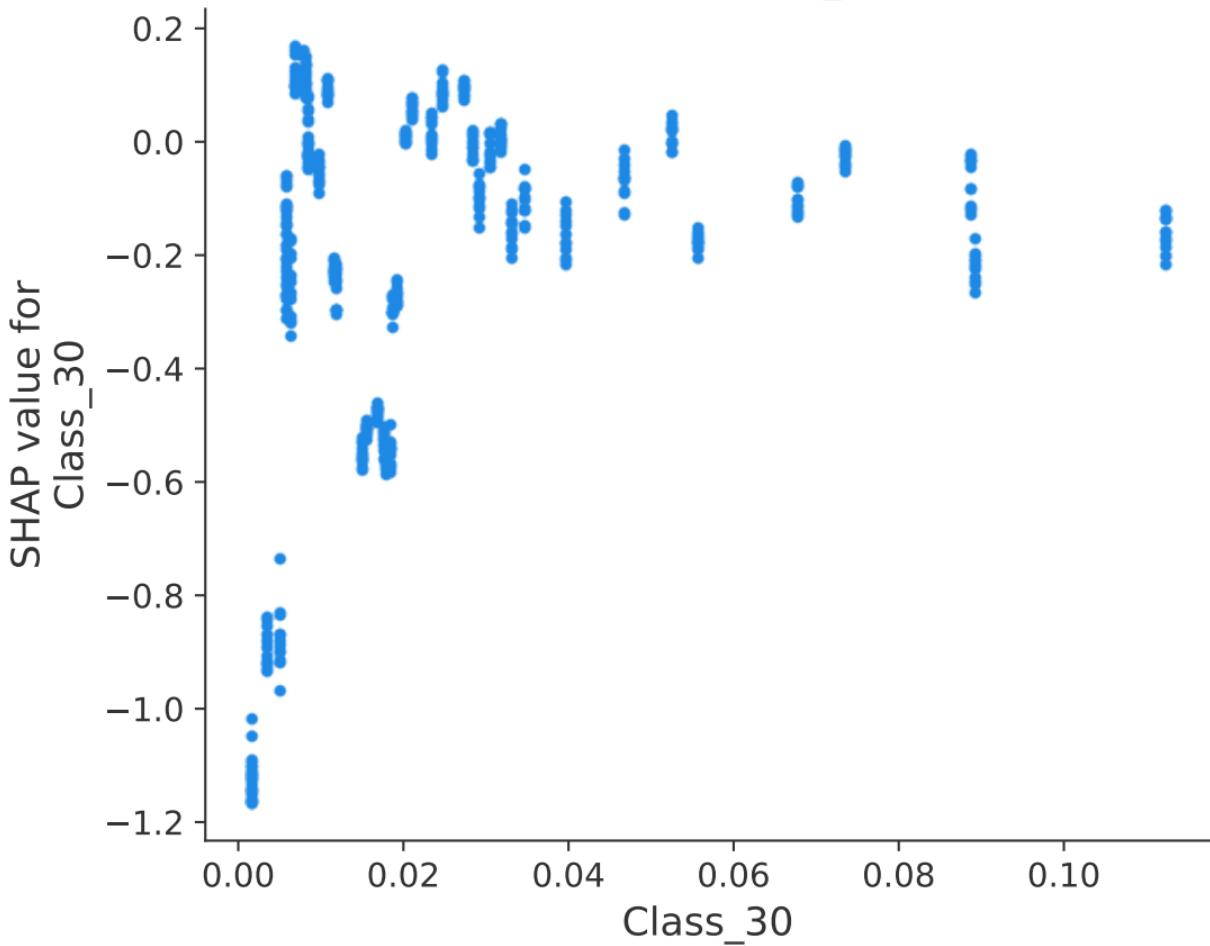
0.6  
0.4  
0.2  
0.0  
-0.2  
-0.4  
-0.6  
-0.8  
-1.0

0.00 0.02 0.04 0.06 0.08

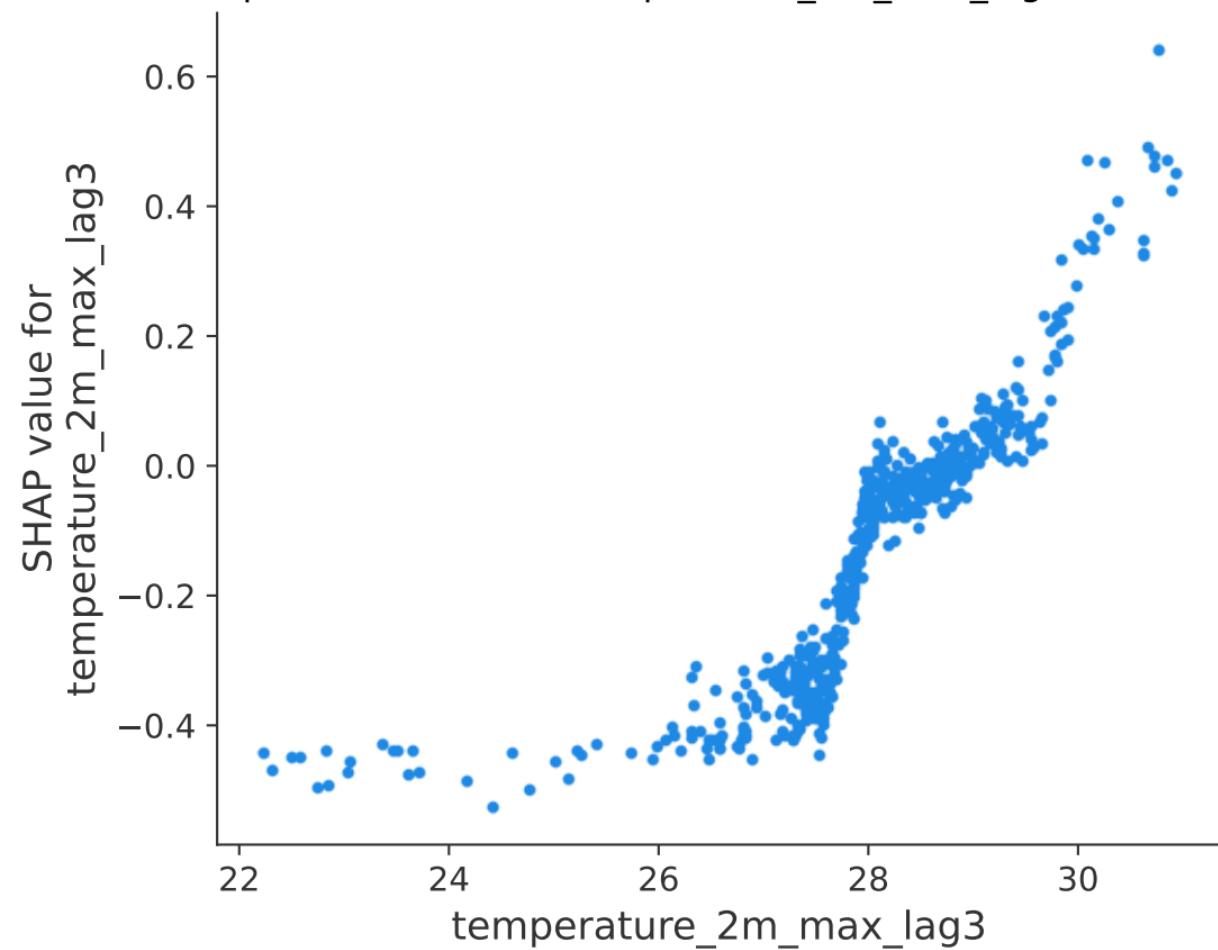
Class\_50



# SHAP Dependence Plot for Class\_30 - Maluku-Papua



# SHAP Dependence Plot for temperature\_2m\_max\_lag3 - Maluku-Papua



# SHAP Dependence Plot for Class\_95 - Maluku-Papua

SHAP value for  
Class\_95

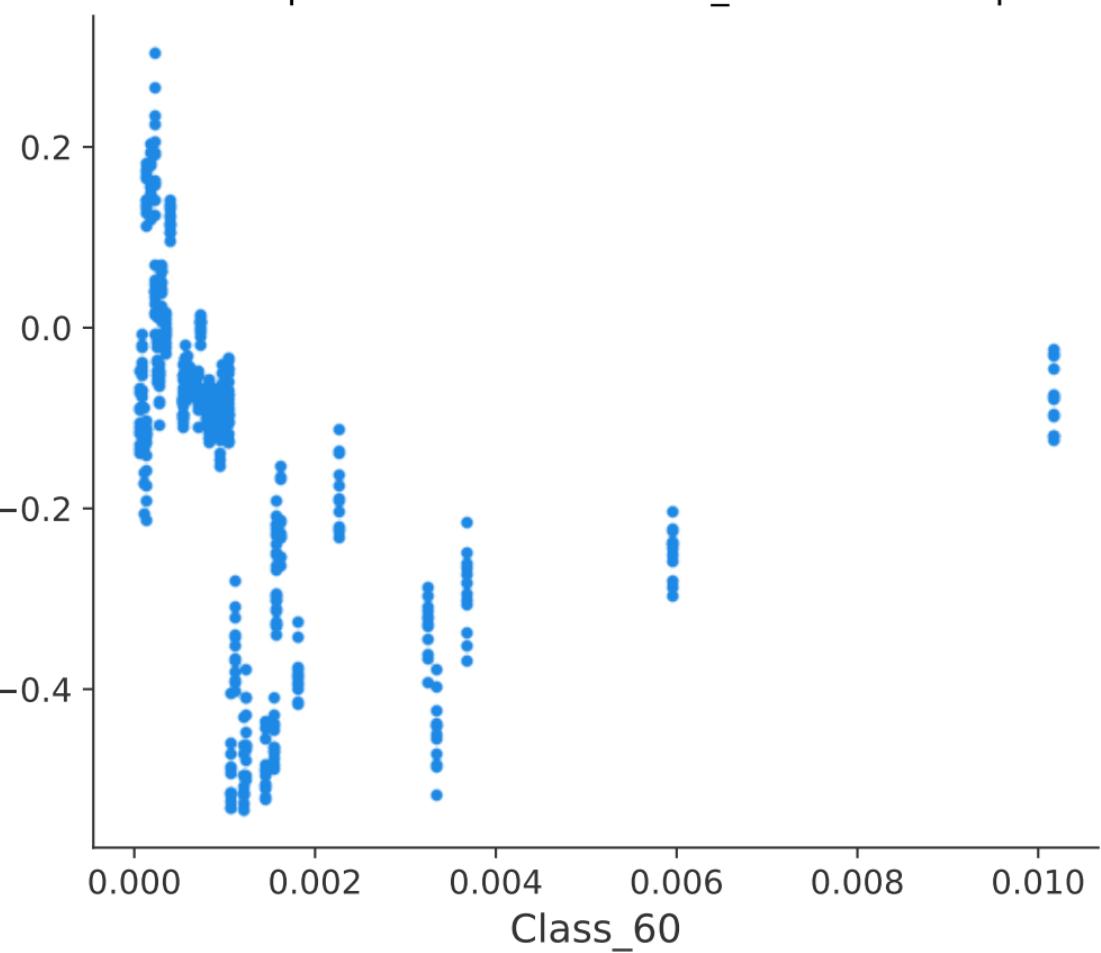
0.00 0.02 0.04 0.06 0.08 0.10 0.12 0.14 0.16

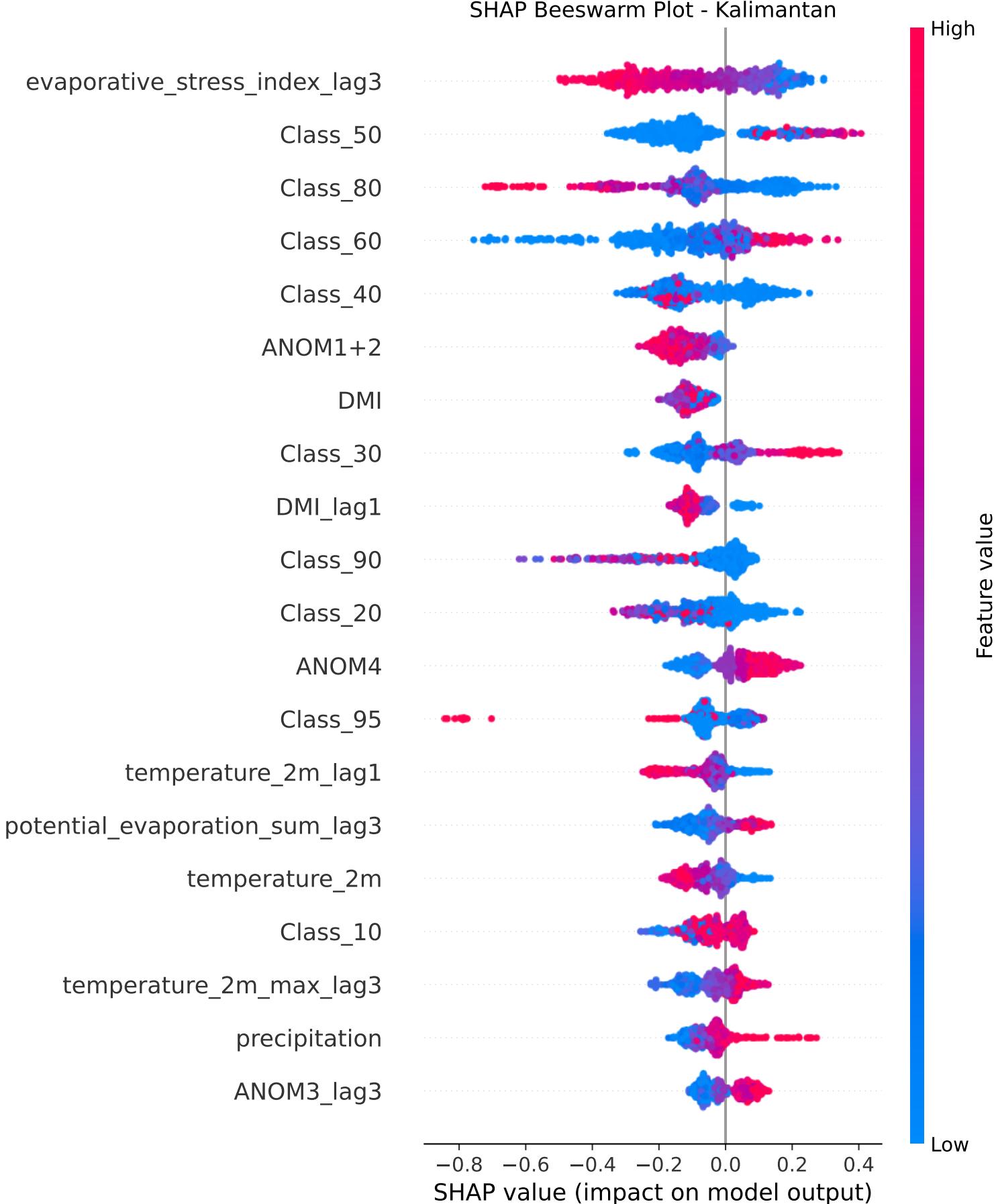
Class\_95

0.2  
0.1  
0.0  
-0.1  
-0.2  
-0.3  
-0.4  
-0.5

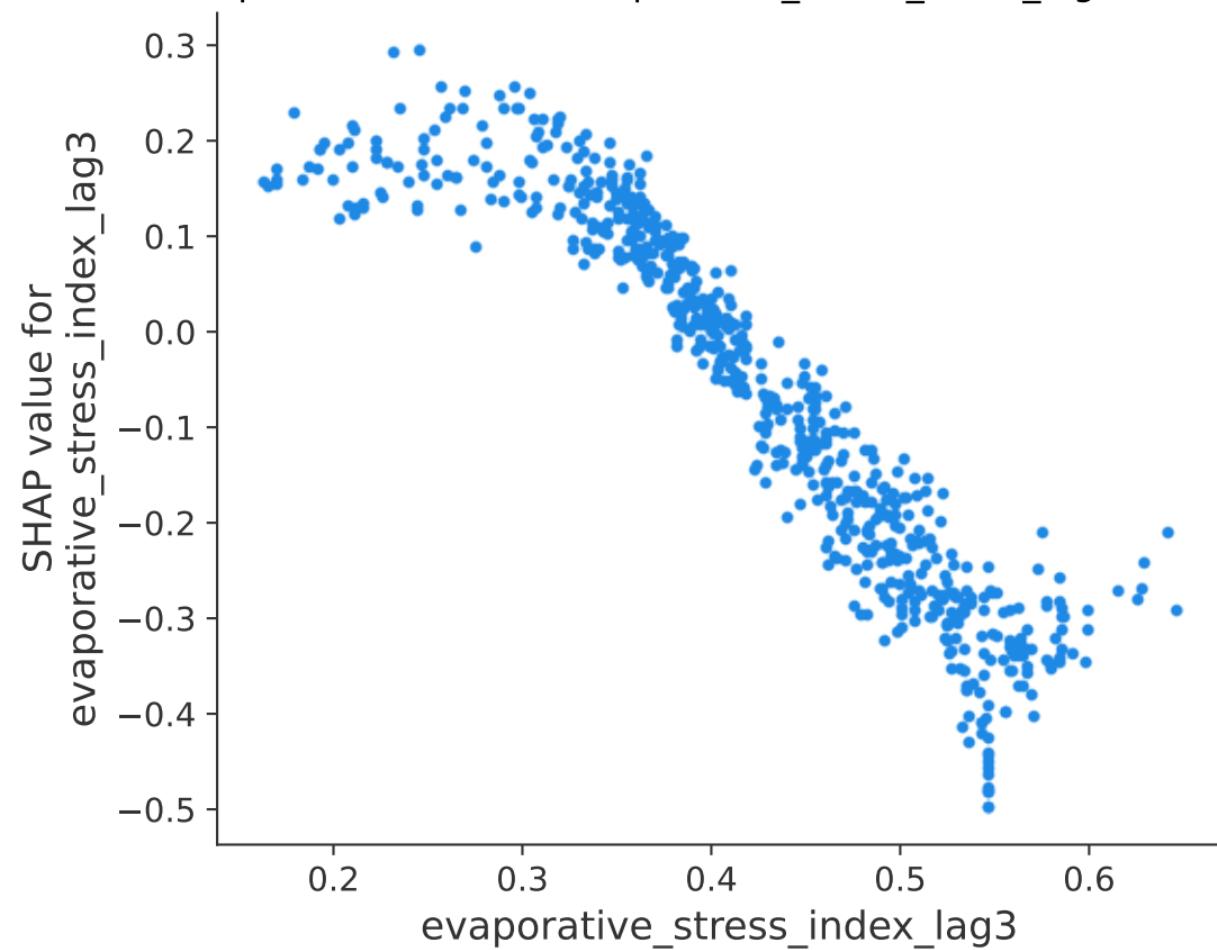
# SHAP Dependence Plot for Class\_60 - Maluku-Papua

SHAP value for  
Class\_60

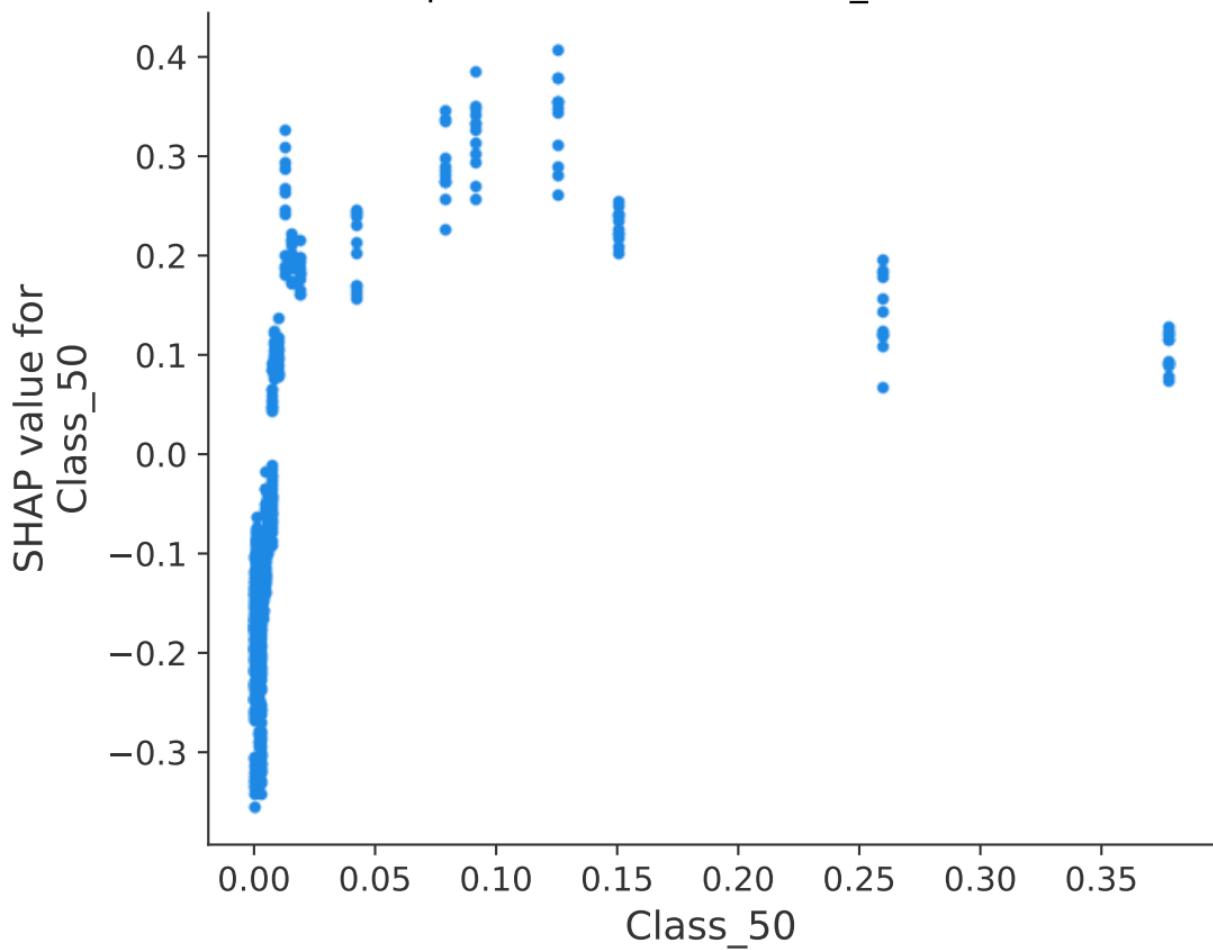




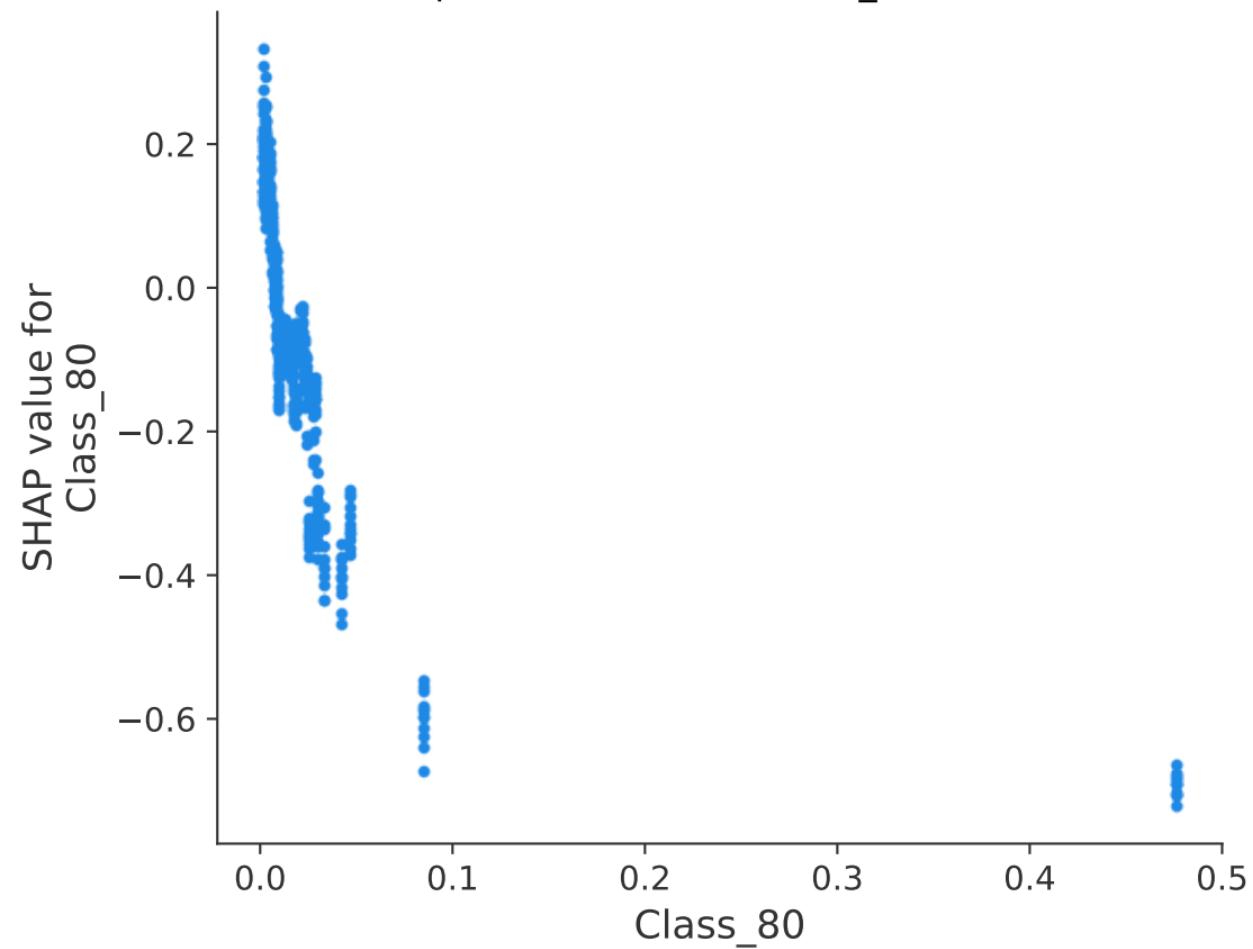
# SHAP Dependence Plot for evaporative\_stress\_index\_lag3 - Kalimantan



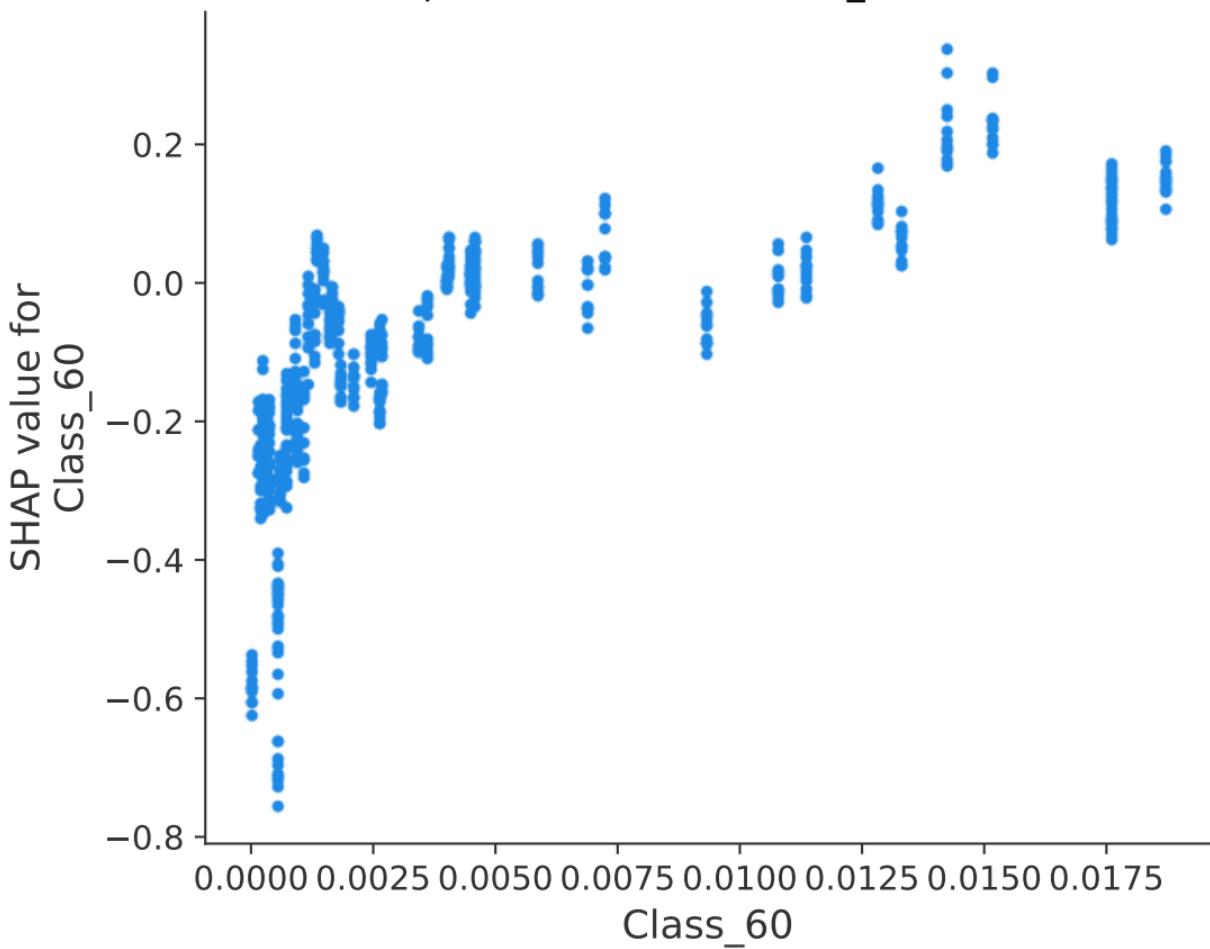
# SHAP Dependence Plot for Class\_50 - Kalimantan



# SHAP Dependence Plot for Class\_80 - Kalimantan



# SHAP Dependence Plot for Class\_60 - Kalimantan



# SHAP Dependence Plot for Class\_40 - Kalimantan

