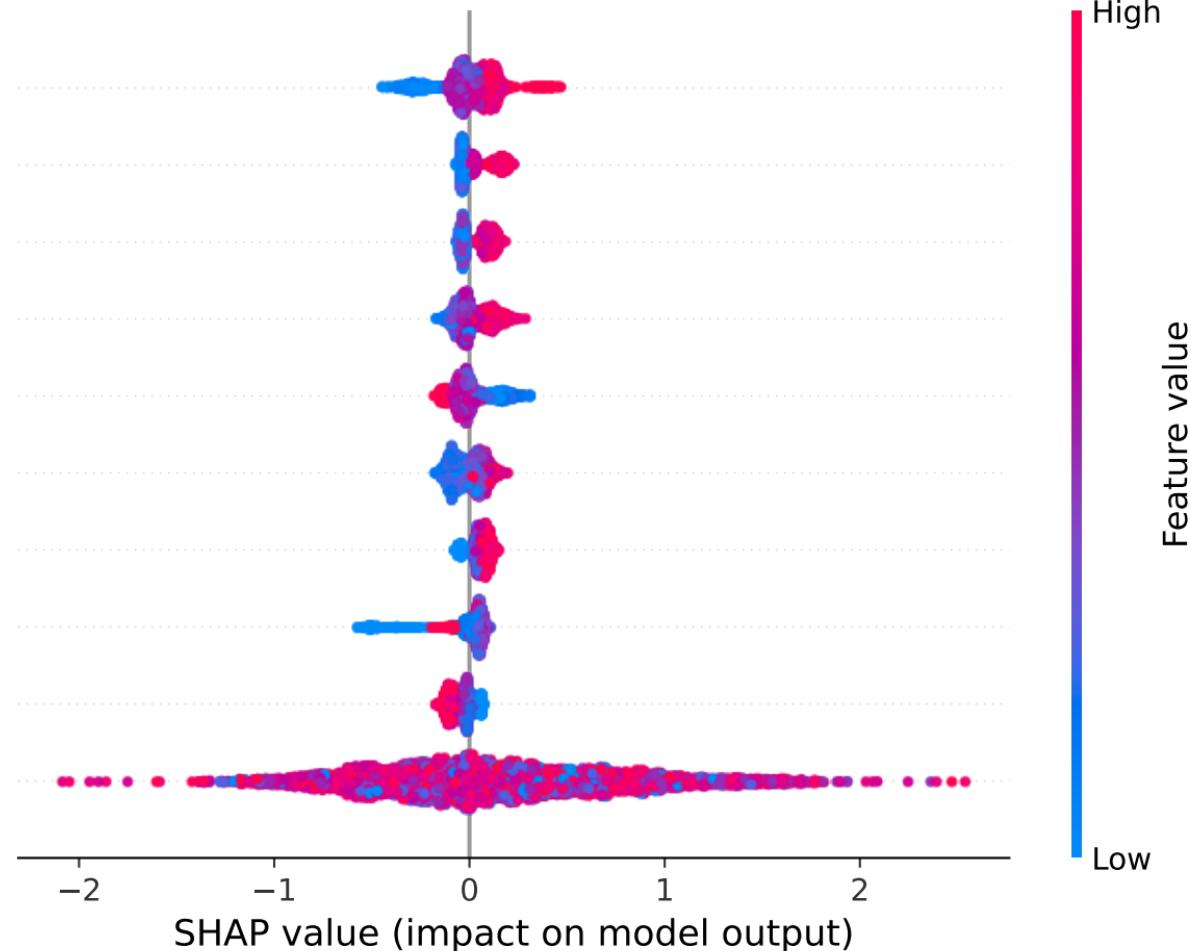
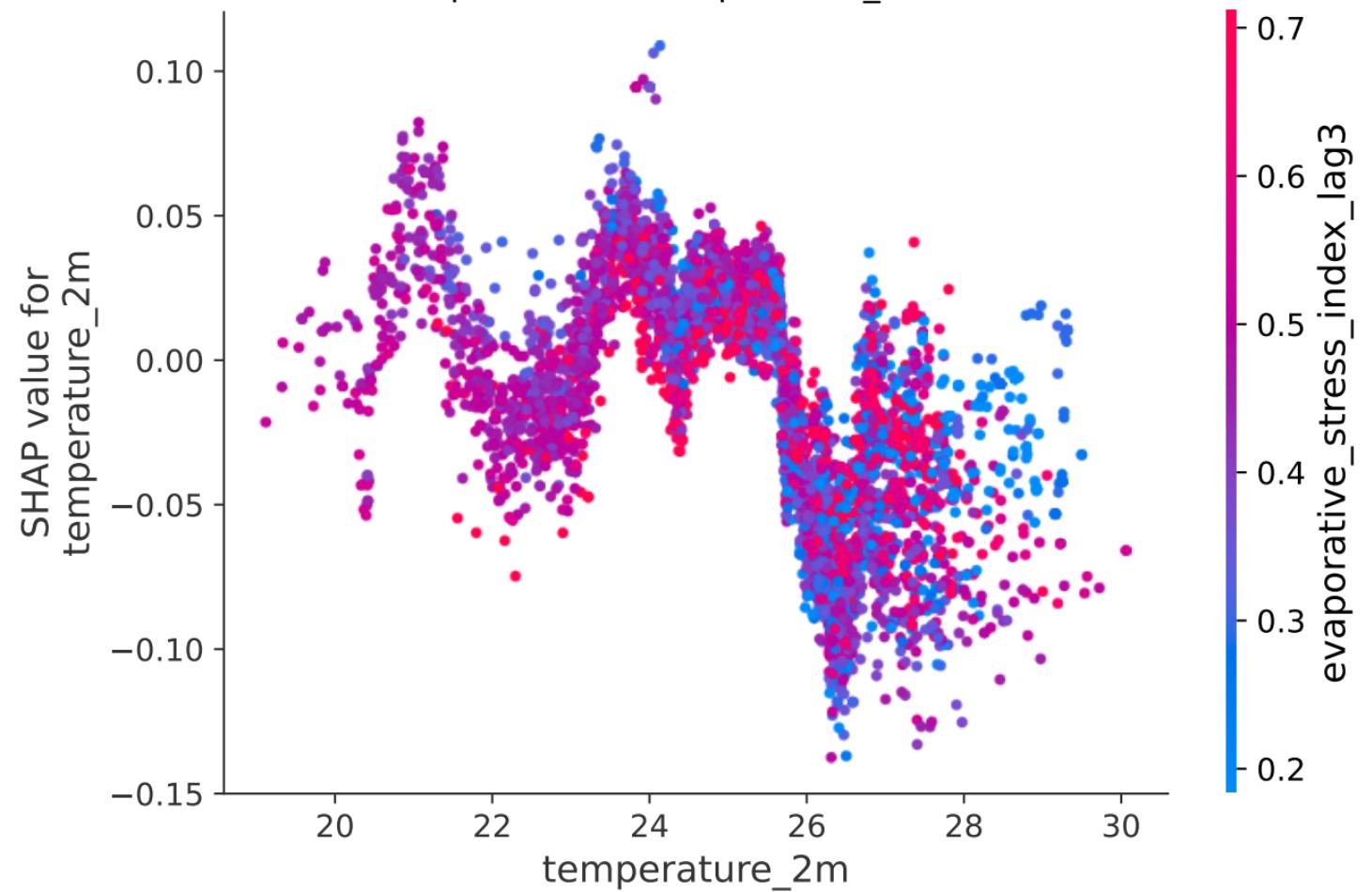


### SHAP Beeswarm - Class 0

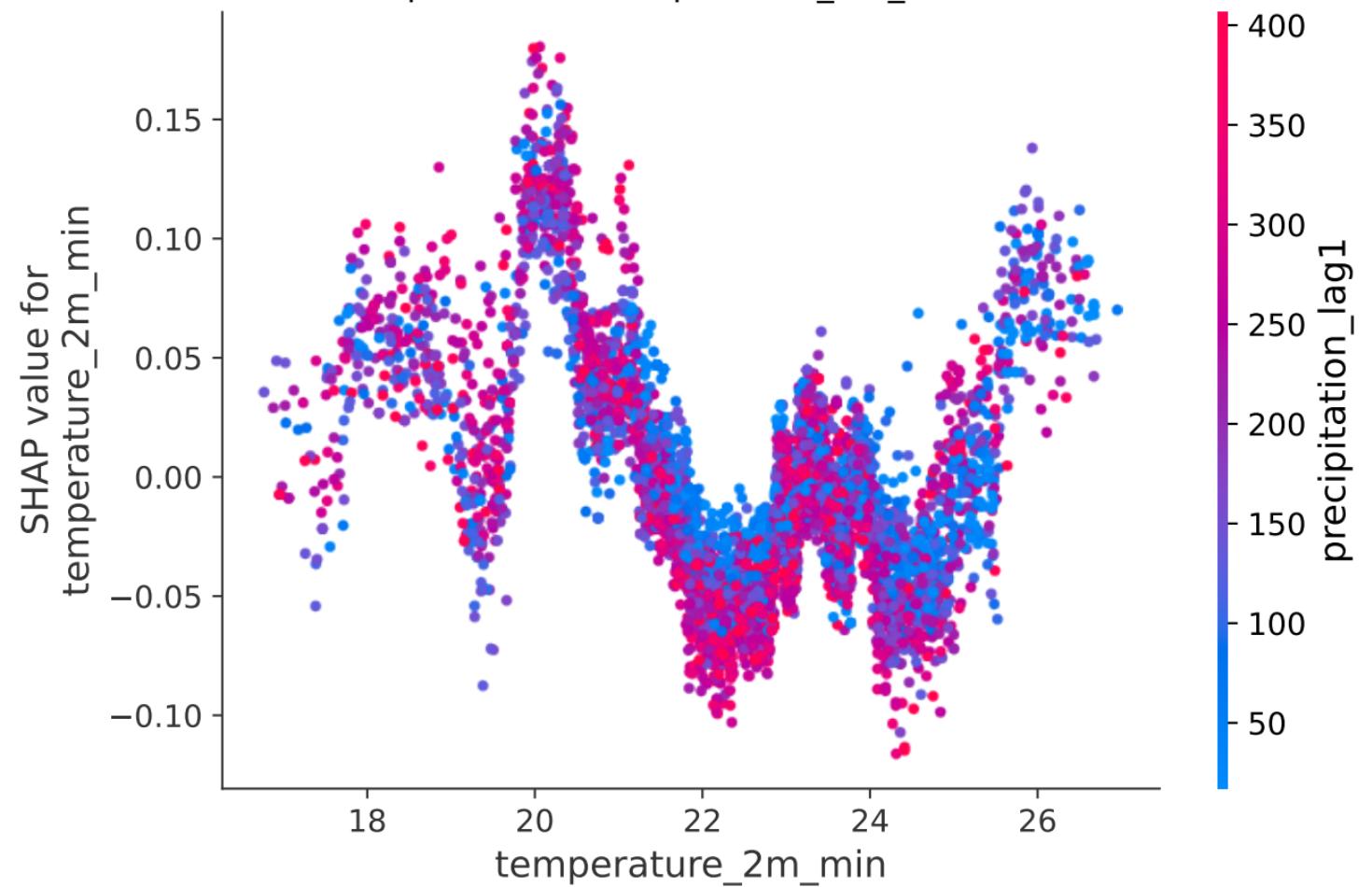
temperature\_2m\_min\_lag3  
ANOM4\_lag1  
ANOM4  
temperature\_2m\_max\_lag3  
temperature\_2m\_max  
potential\_evaporation\_sum\_lag3  
ANOM1+2\_lag2  
aridity\_index  
DMI\_lag1  
Sum of 71 other features



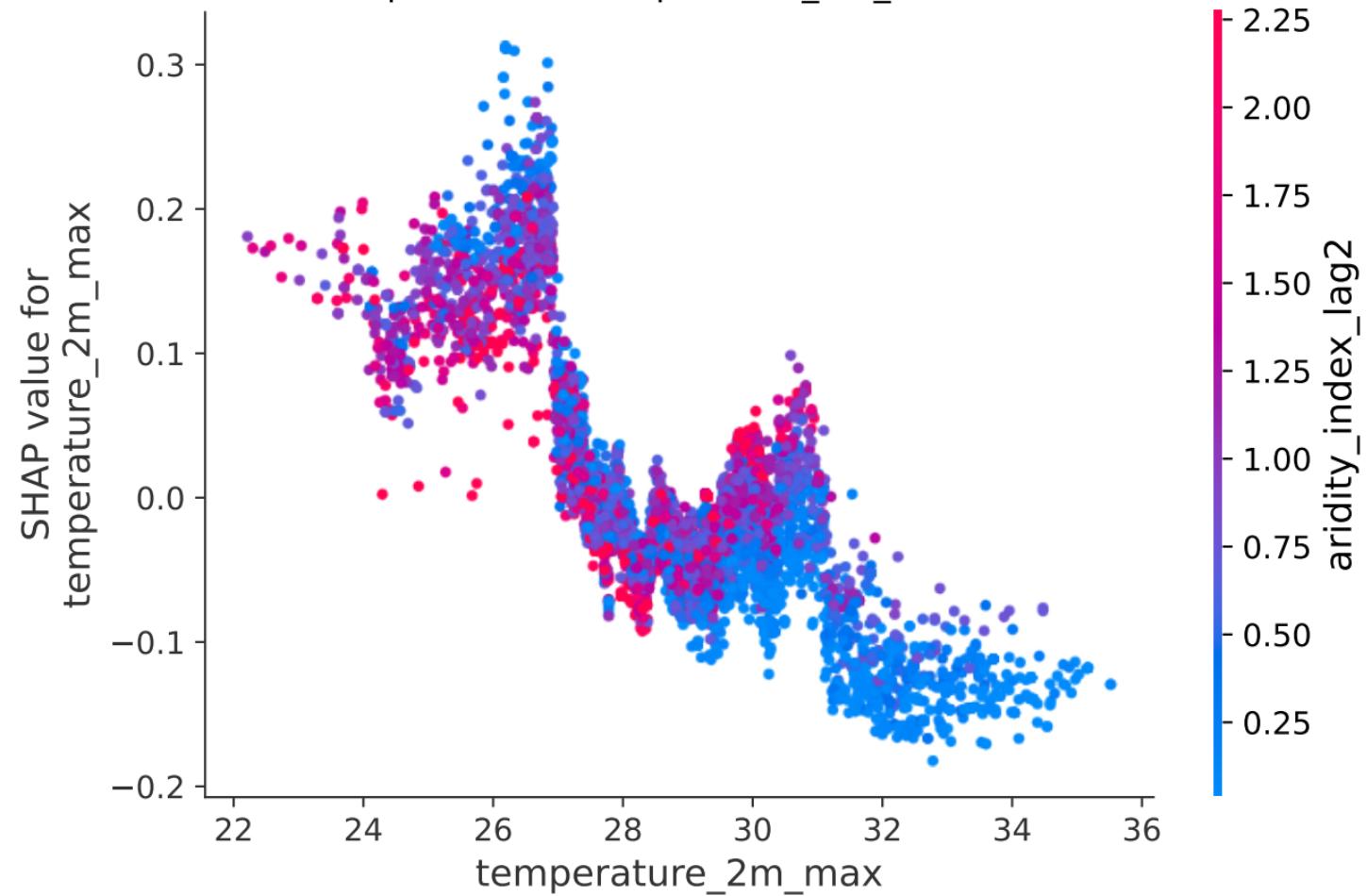
# SHAP Dependence - temperature\_2m - Class 0



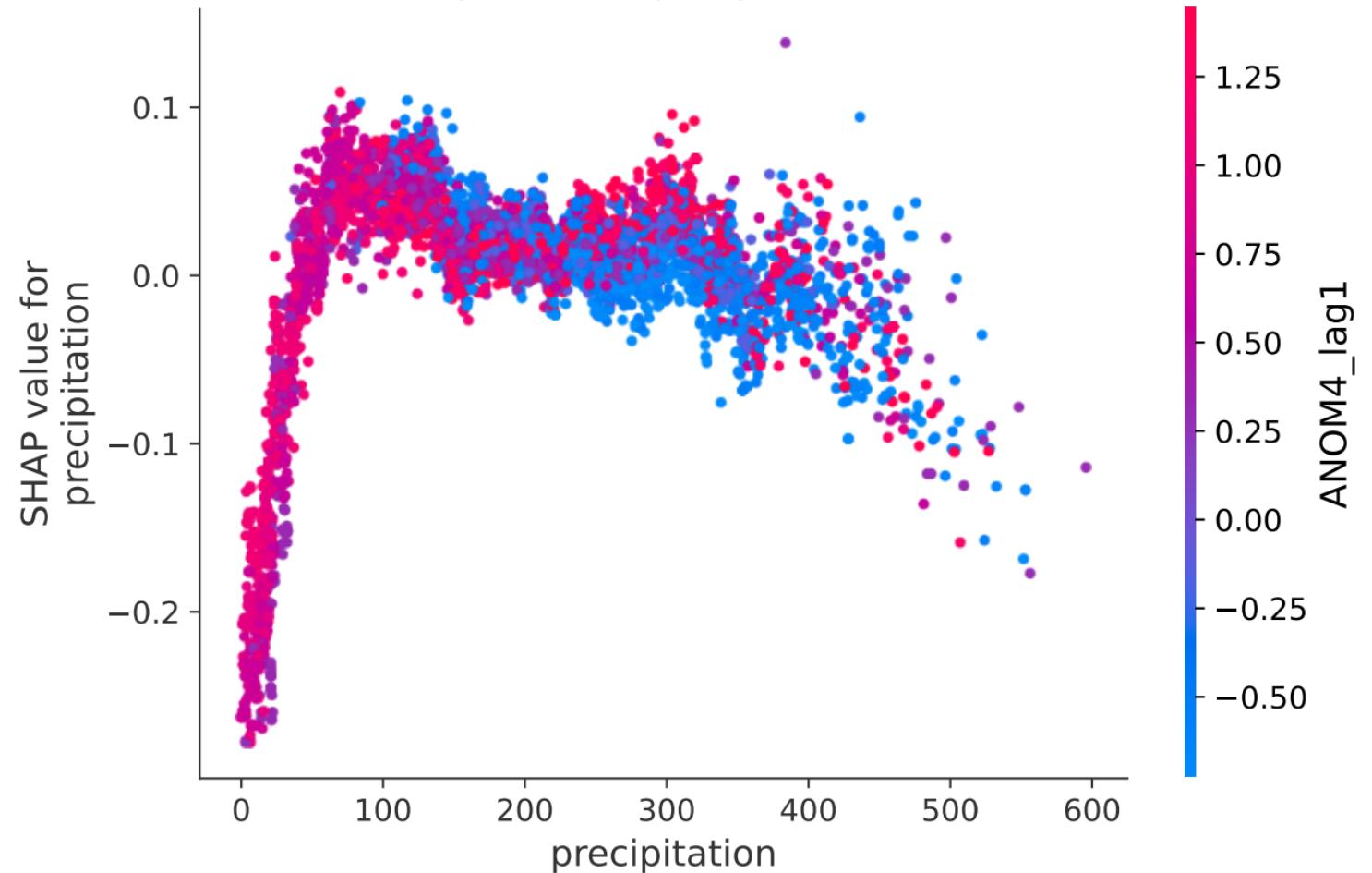
# SHAP Dependence - temperature\_2m\_min - Class 0



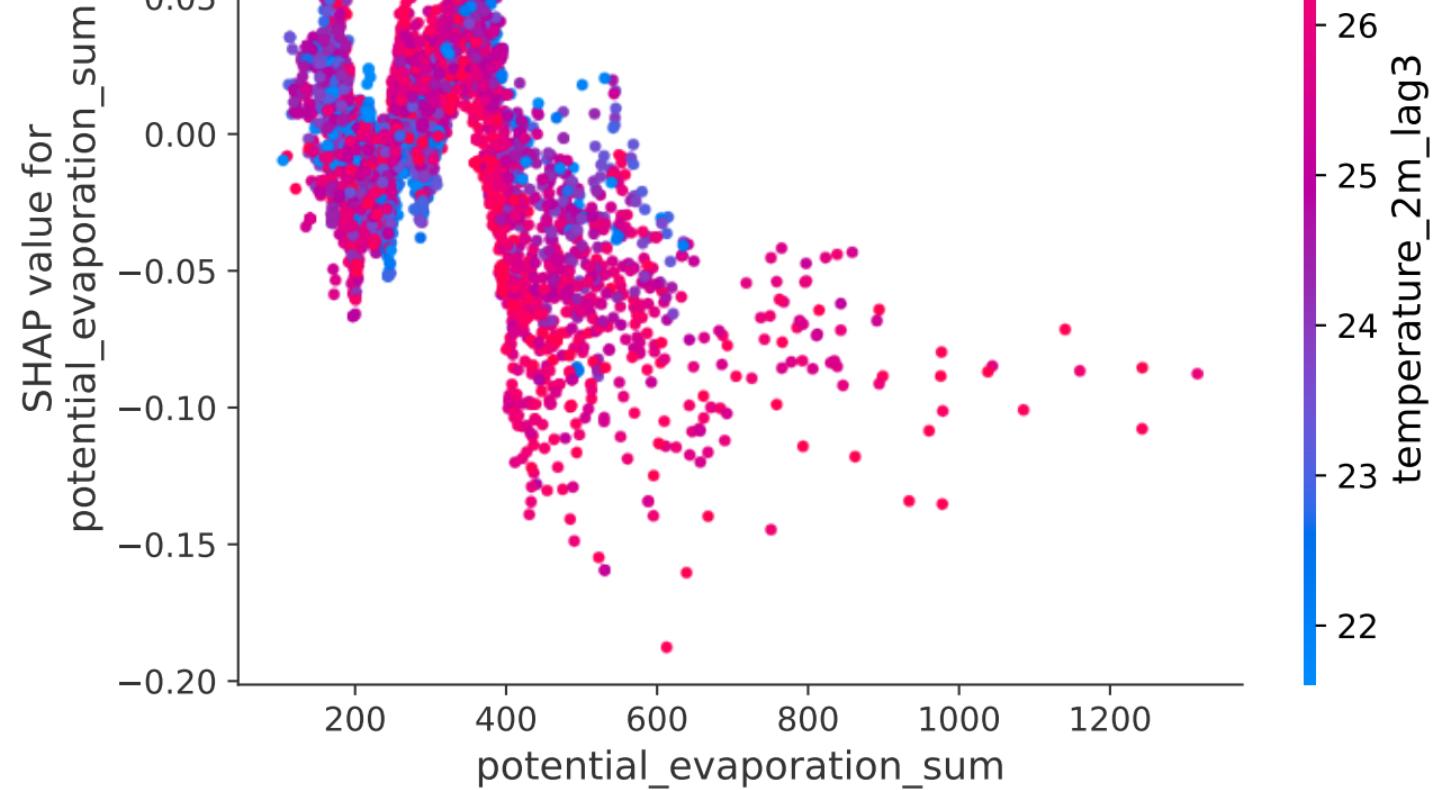
# SHAP Dependence - temperature\_2m\_max - Class 0



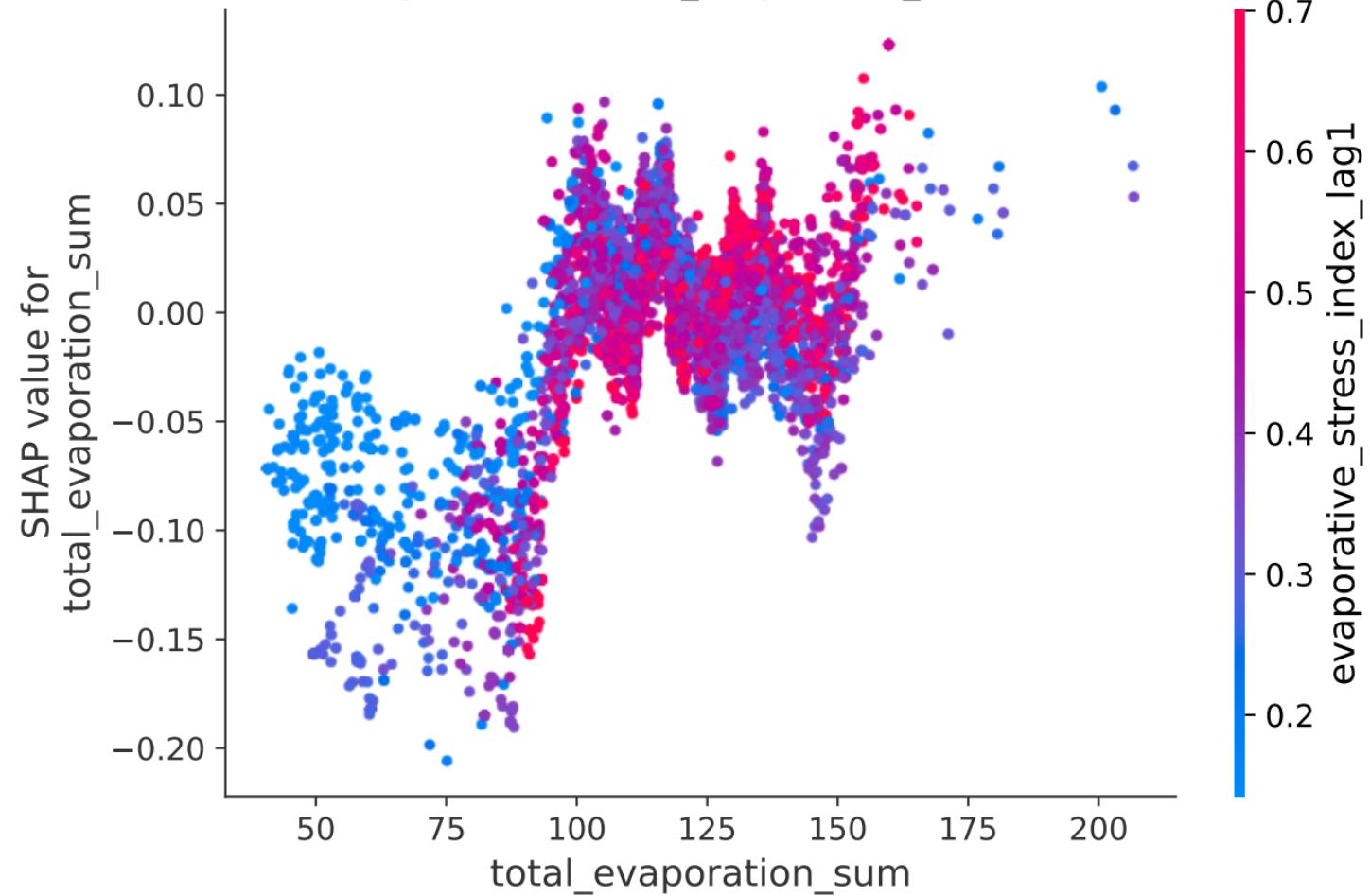
# SHAP Dependence - precipitation - Class 0



# SHAP Dependence - potential\_evaporation\_sum - Class 0



# SHAP Dependence - total\_evaporation\_sum - Class 0



# SHAP Dependence - evaporative\_stress\_index - Class 0

SHAP value for  
evaporative\_stress\_index

0.2  
0.1  
0.0  
-0.1

0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8

evaporative\_stress\_index

- 27

- 26

- 25

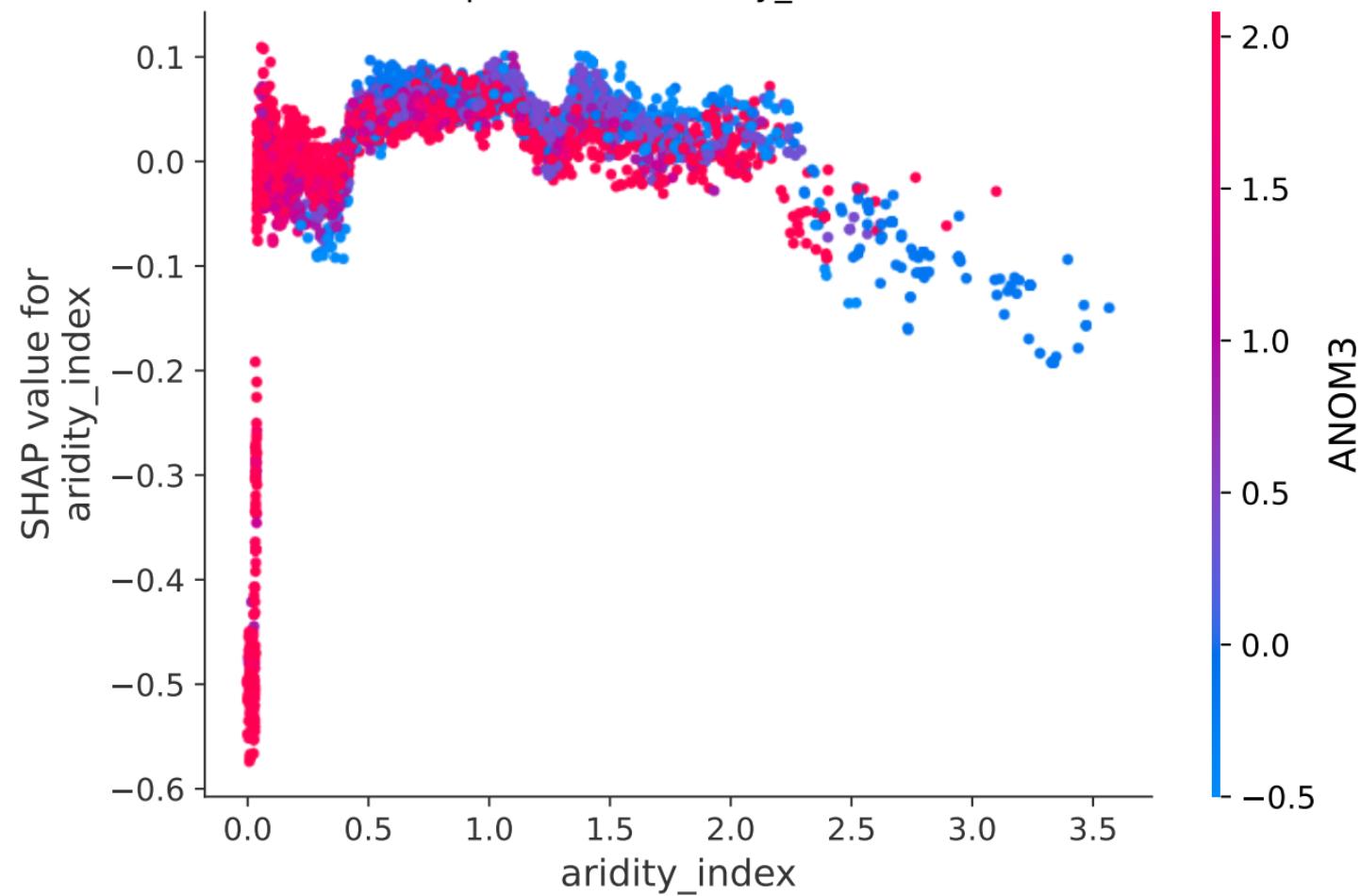
- 24

- 23

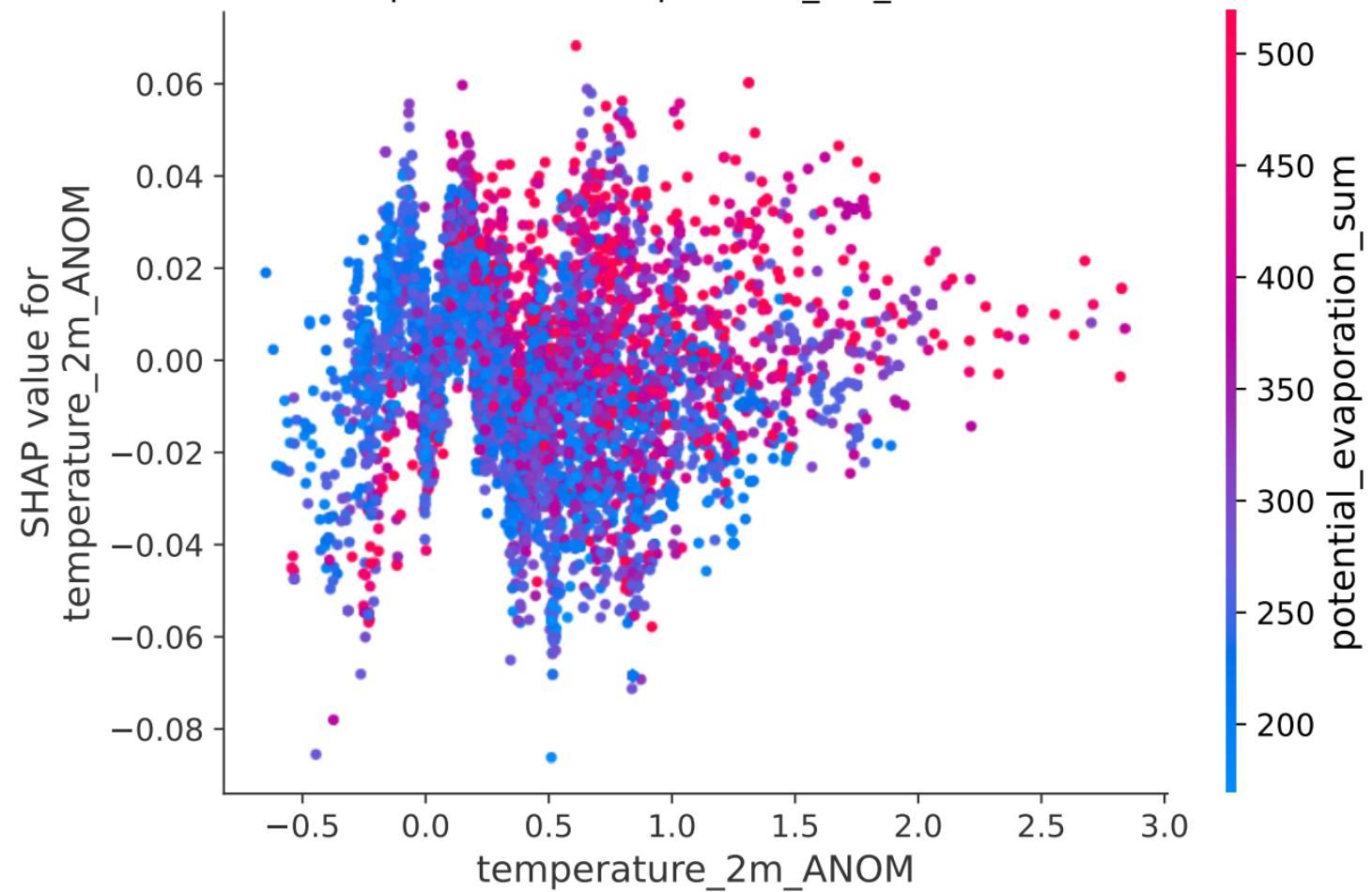
- 22

temperature\_2m\_lag2

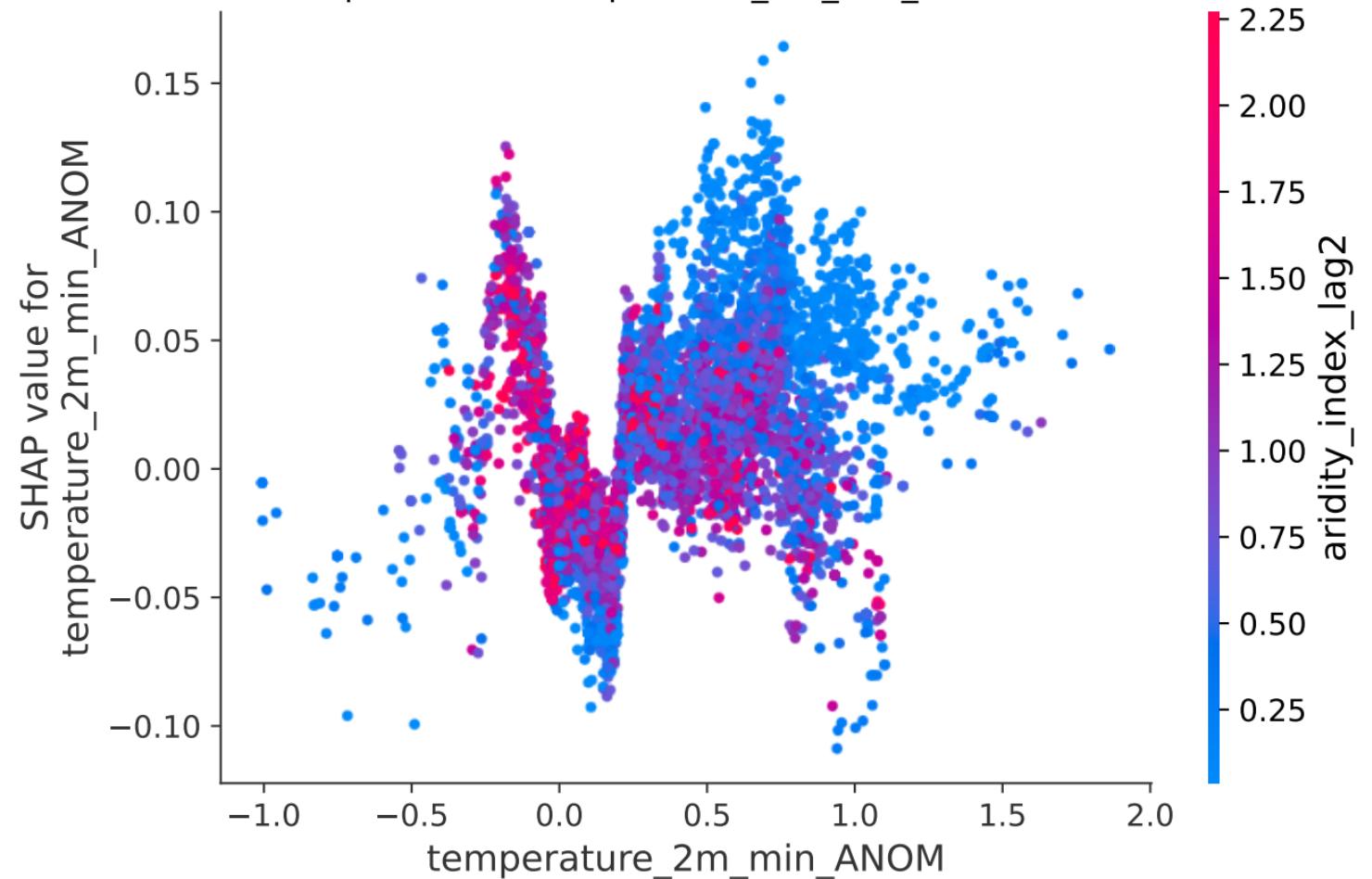
# SHAP Dependence - aridity\_index - Class 0



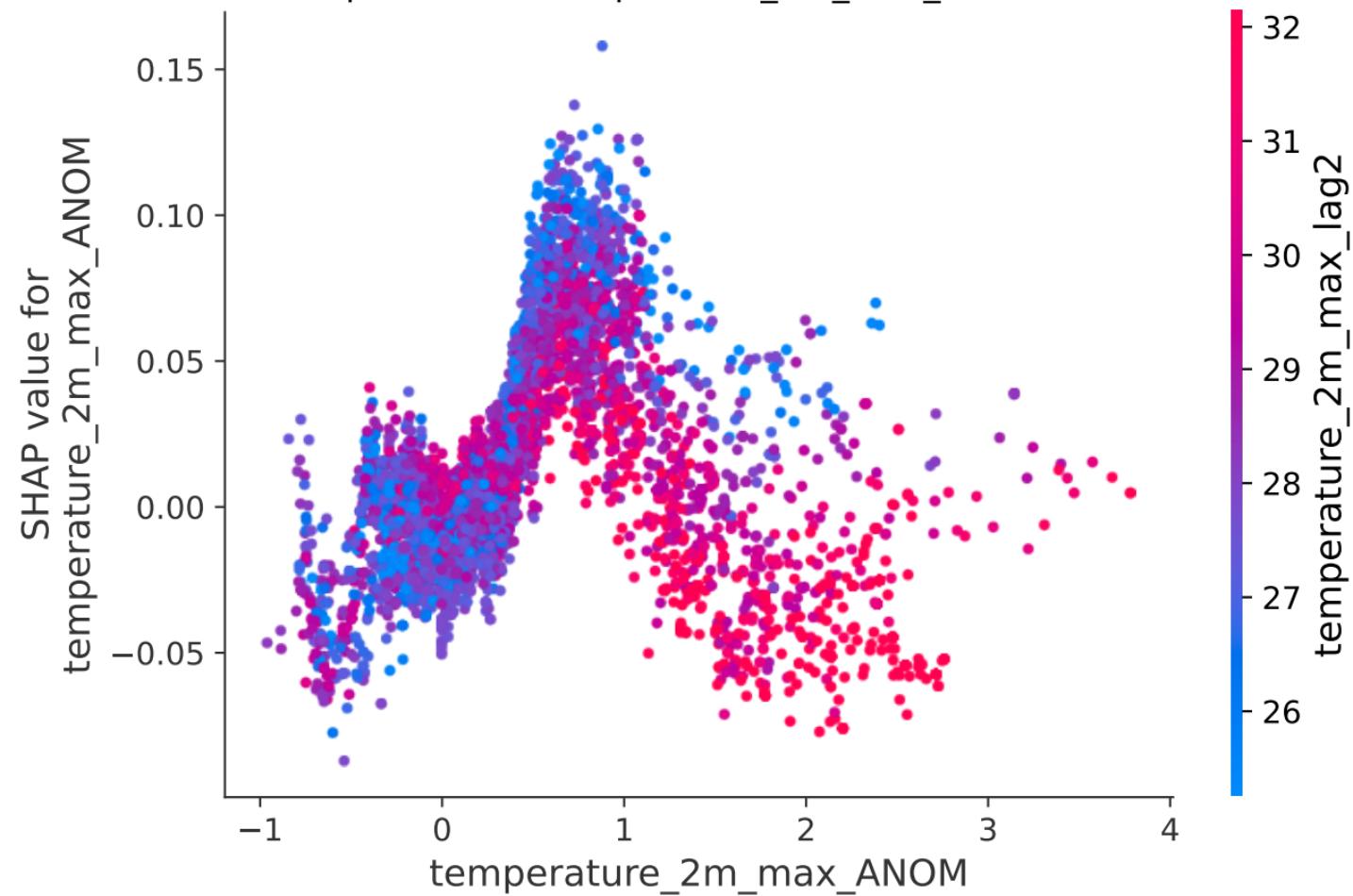
# SHAP Dependence - temperature\_2m\_ANOM - Class 0



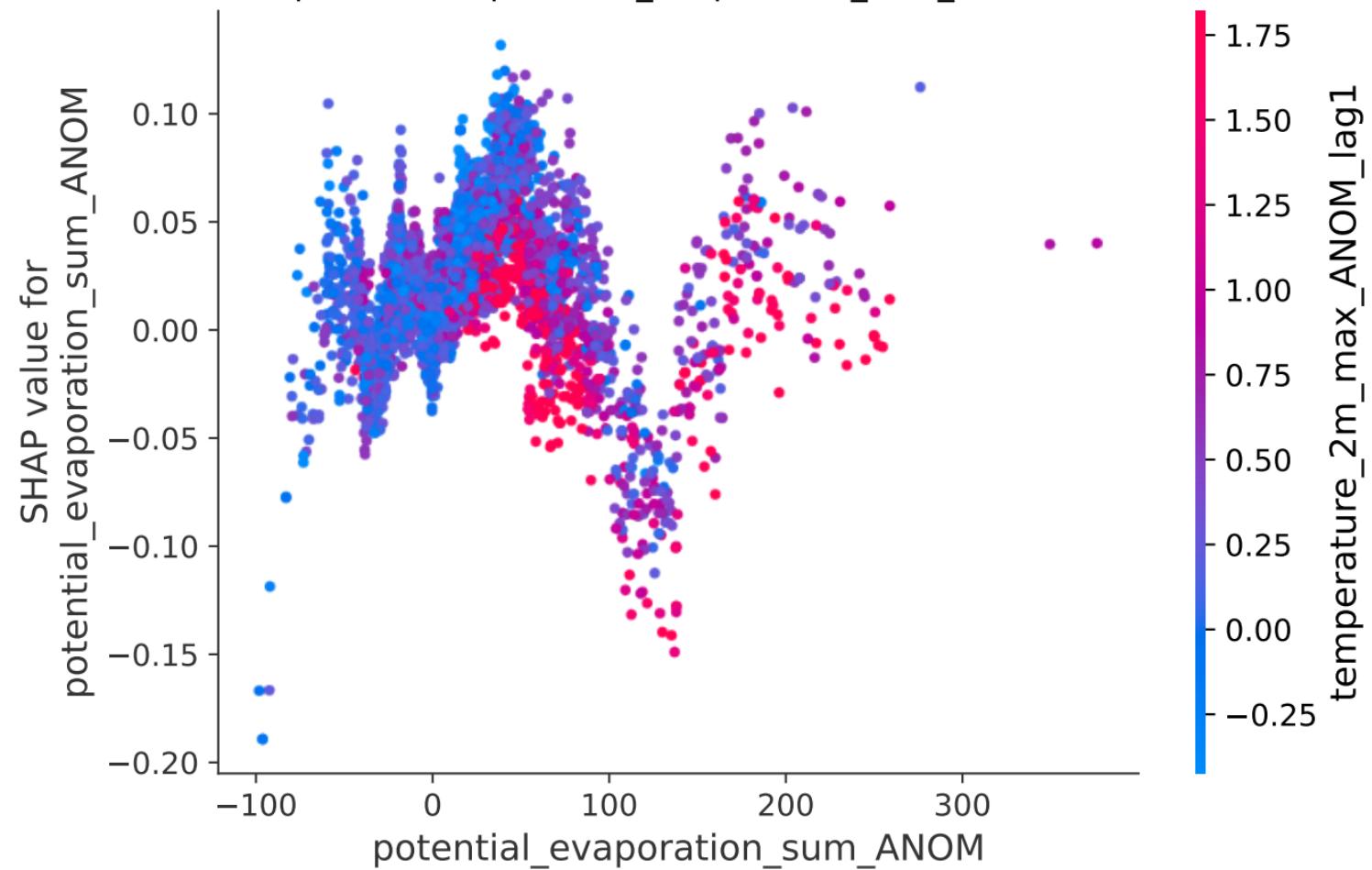
# SHAP Dependence - temperature\_2m\_min\_ANOM - Class 0



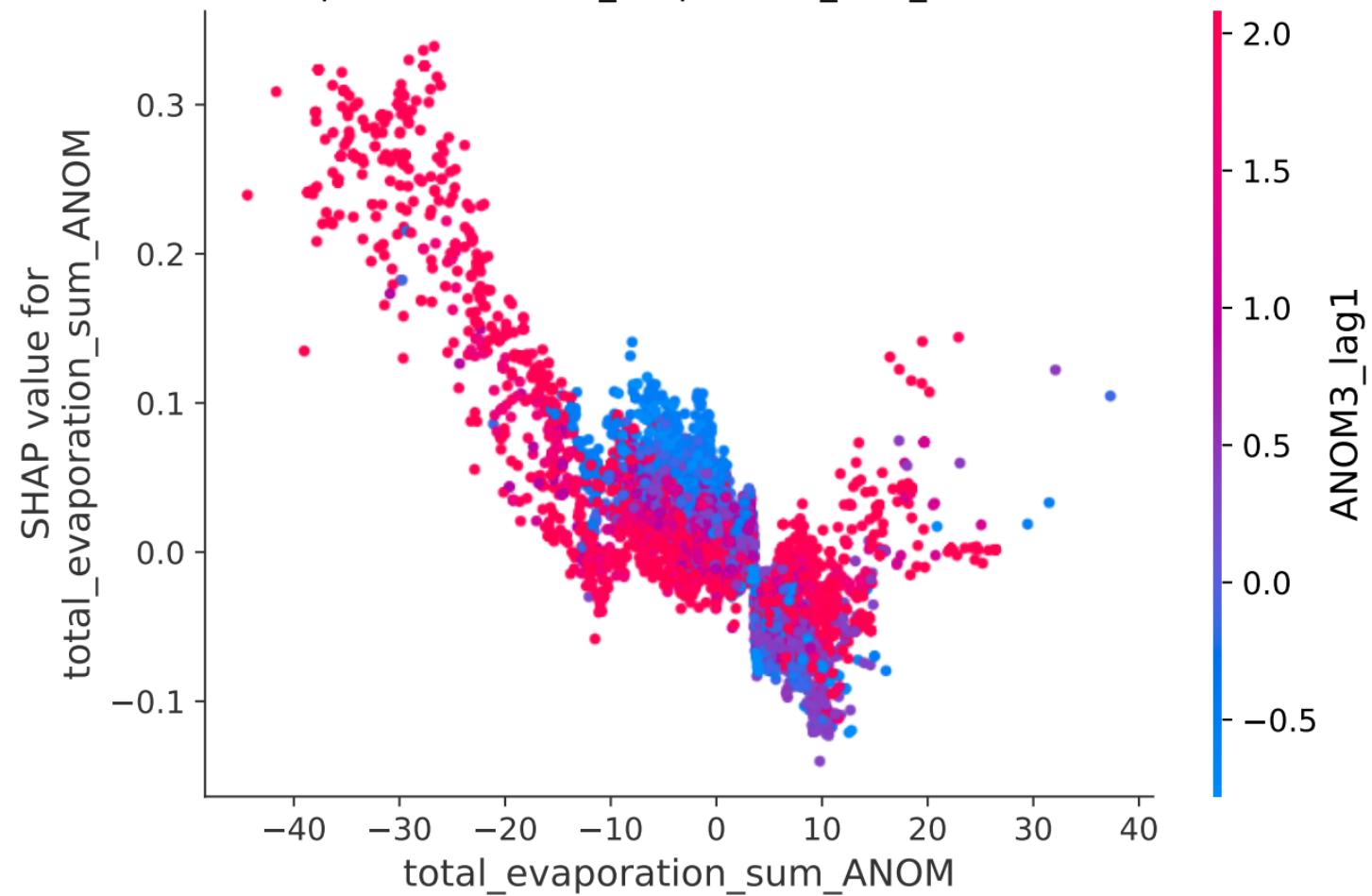
# SHAP Dependence - temperature\_2m\_max\_ANOM - Class 0



# SHAP Dependence - potential\_evaporation\_sum\_ANOM - Class 0

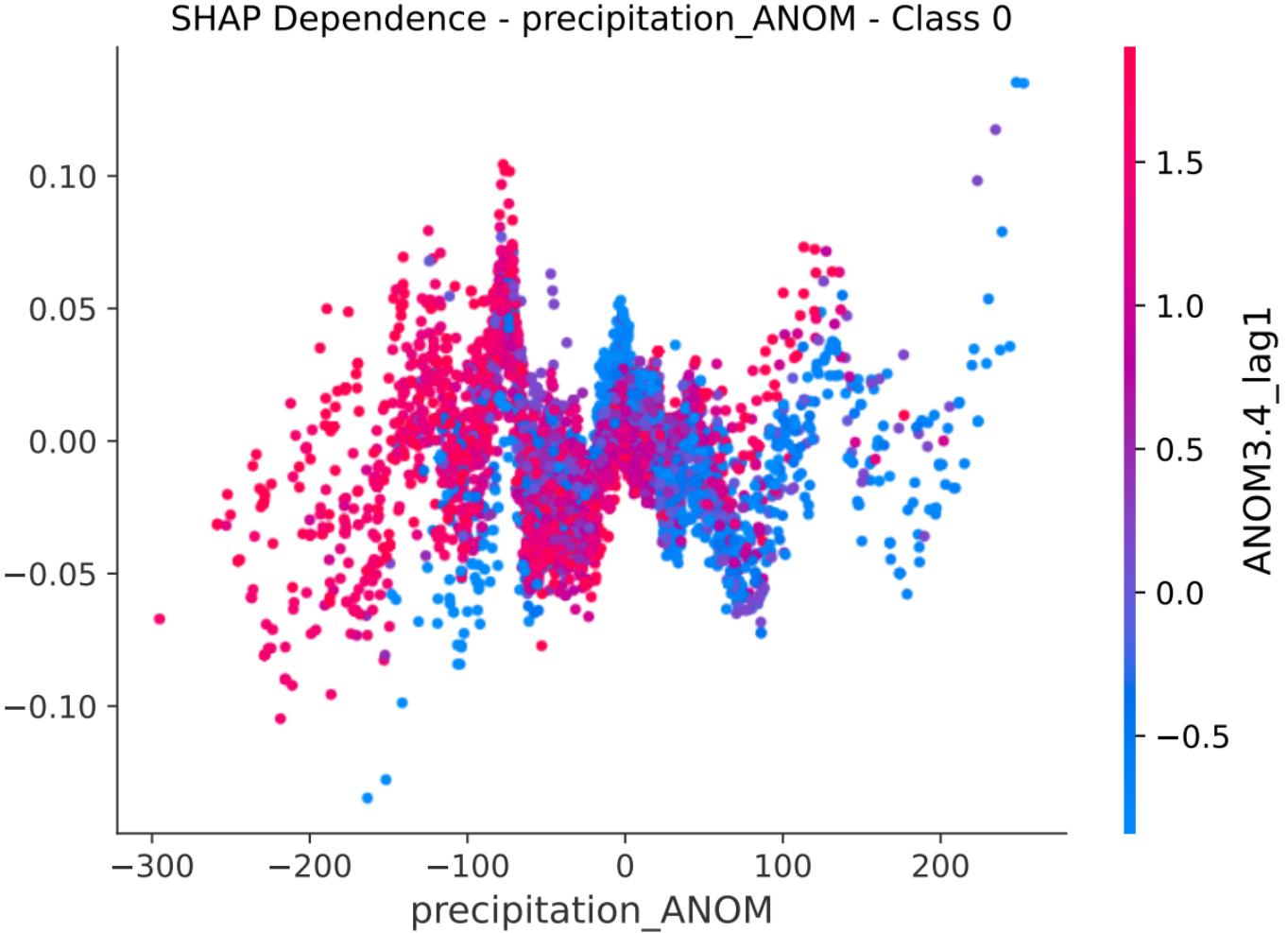


# SHAP Dependence - total\_evaporation\_sum\_ANOM - Class 0

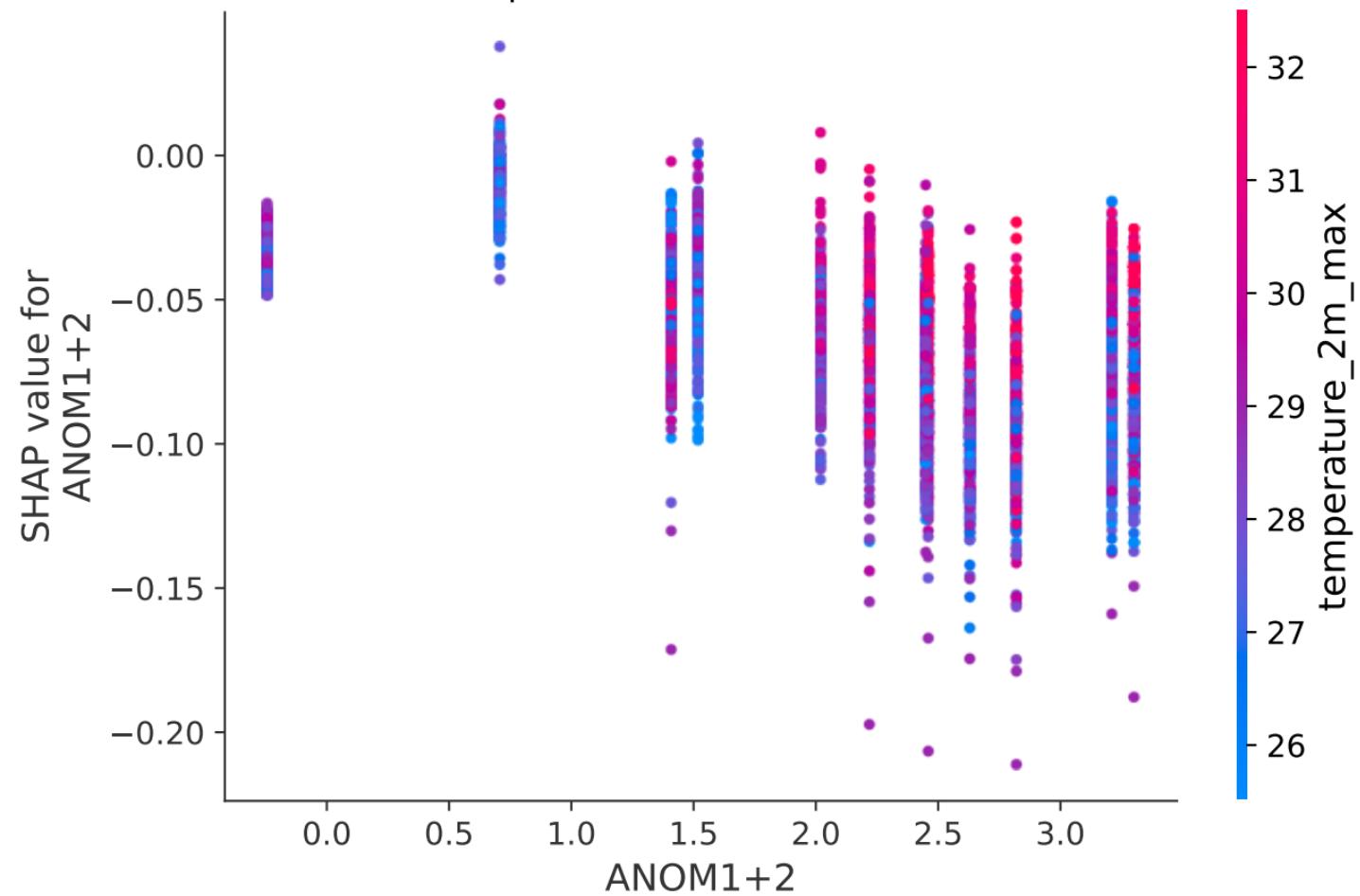


# SHAP Dependence - precipitation\_ANOM - Class 0

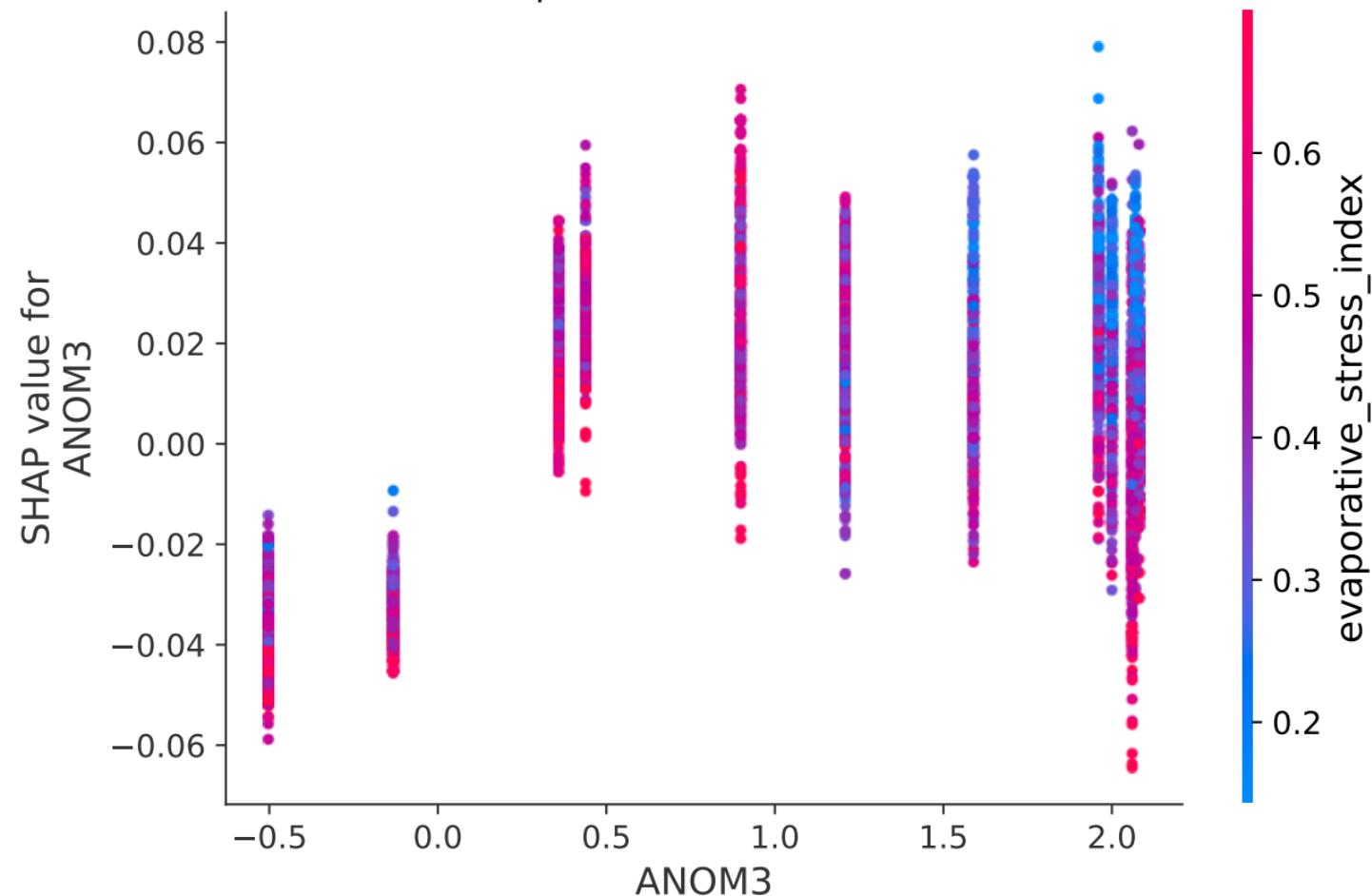
SHAP value for  
precipitation\_ANOM



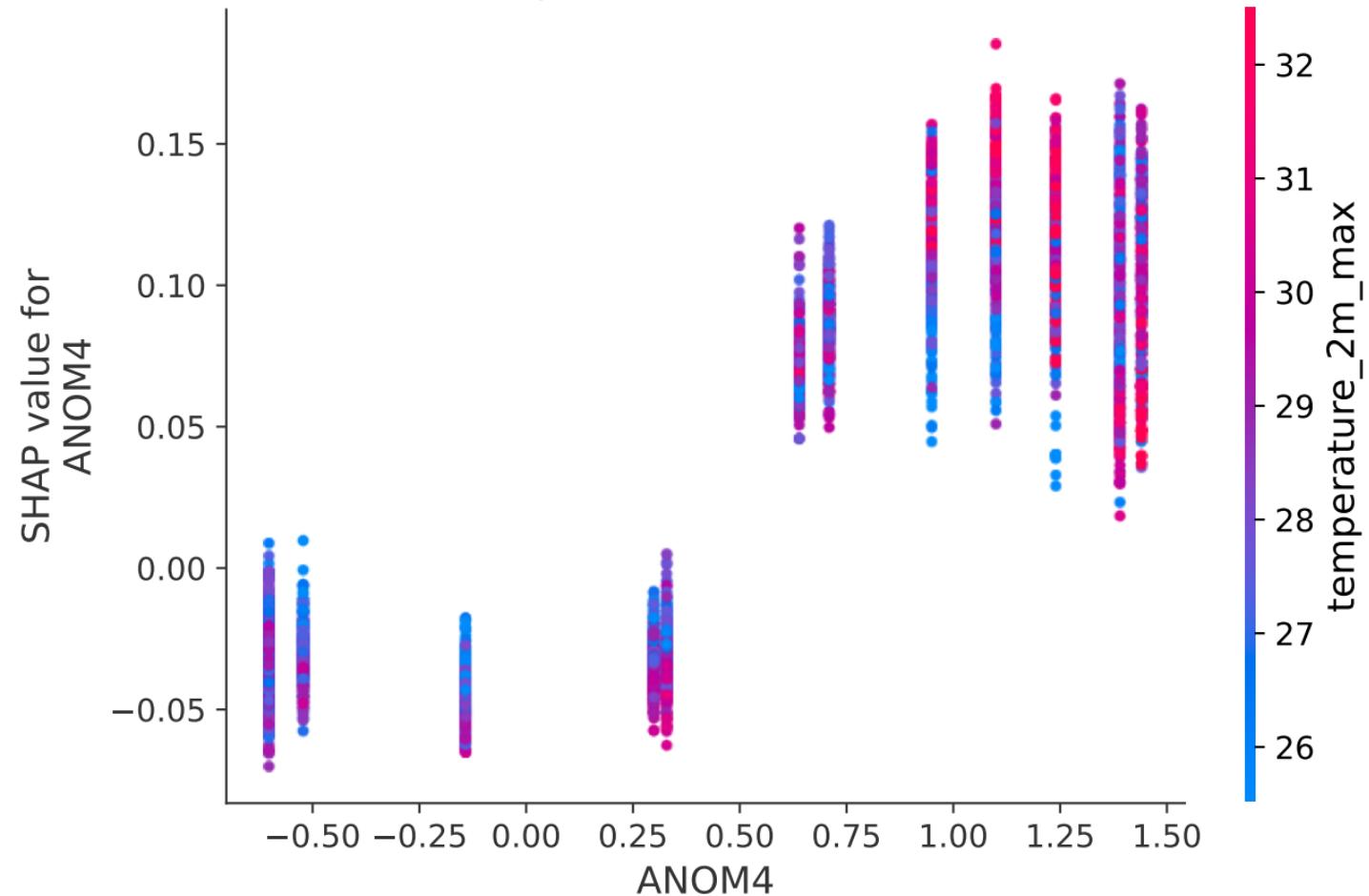
# SHAP Dependence - ANOM1+2 - Class 0



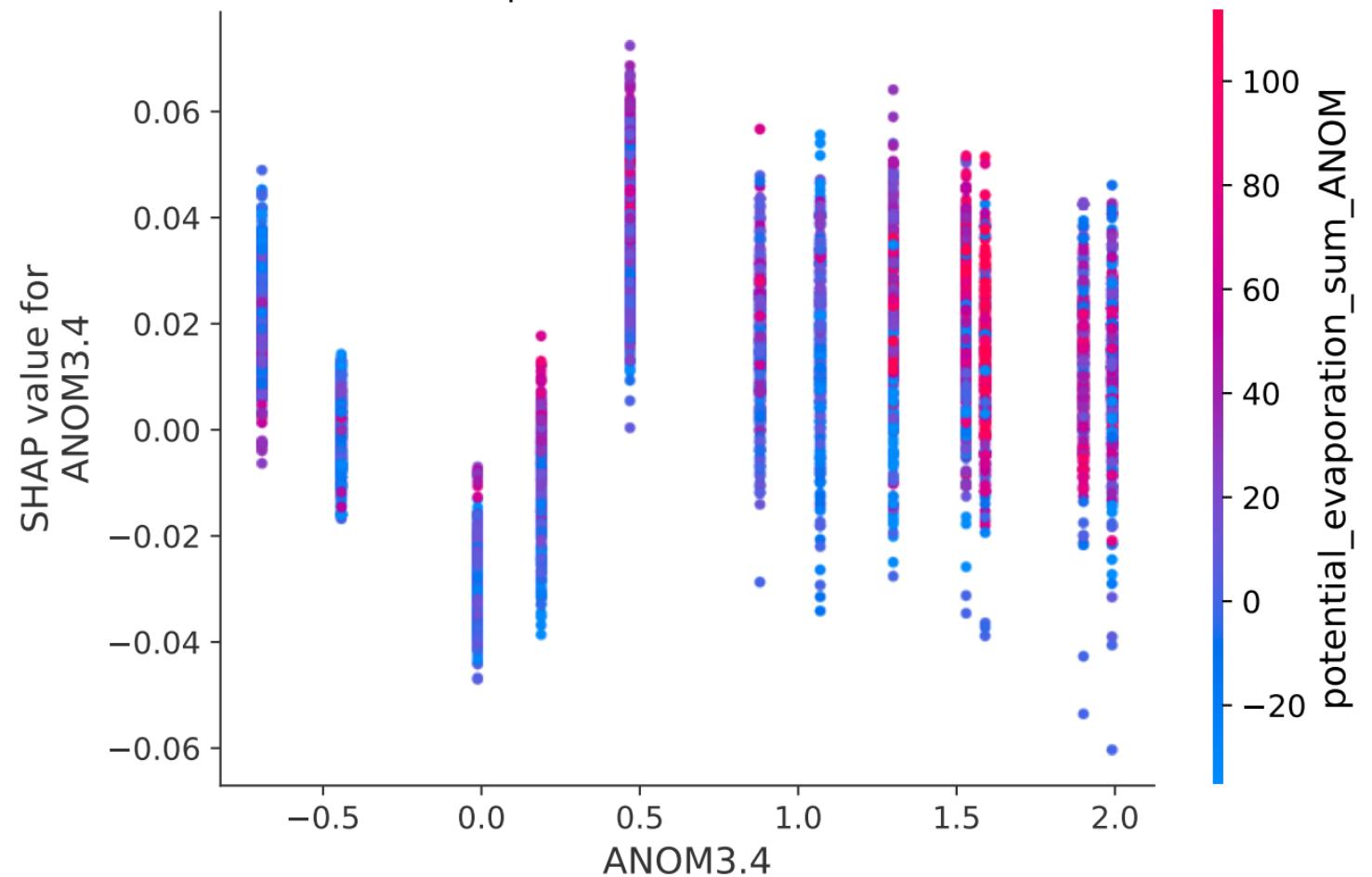
# SHAP Dependence - ANOM3 - Class 0



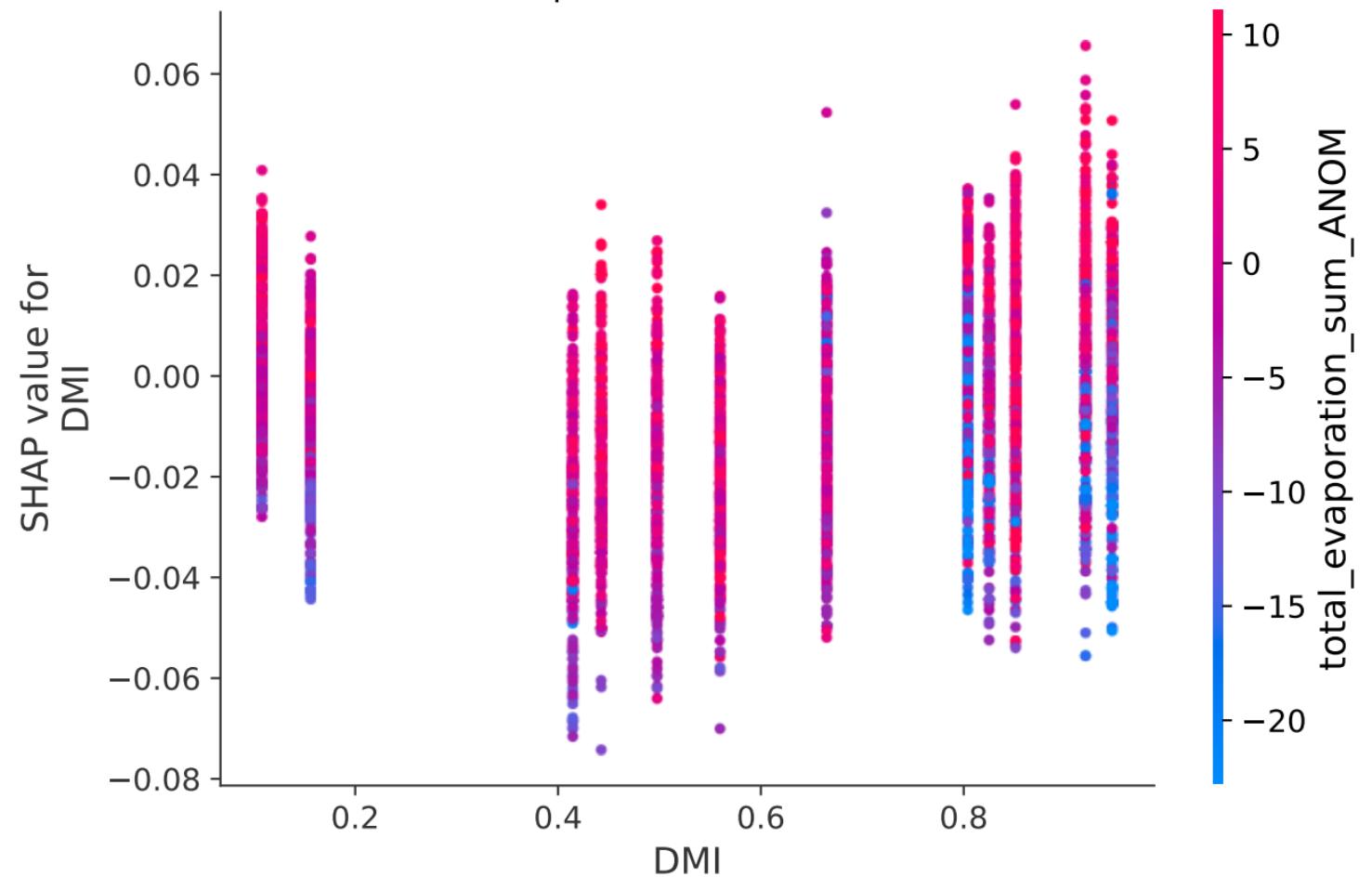
# SHAP Dependence - ANOM4 - Class 0



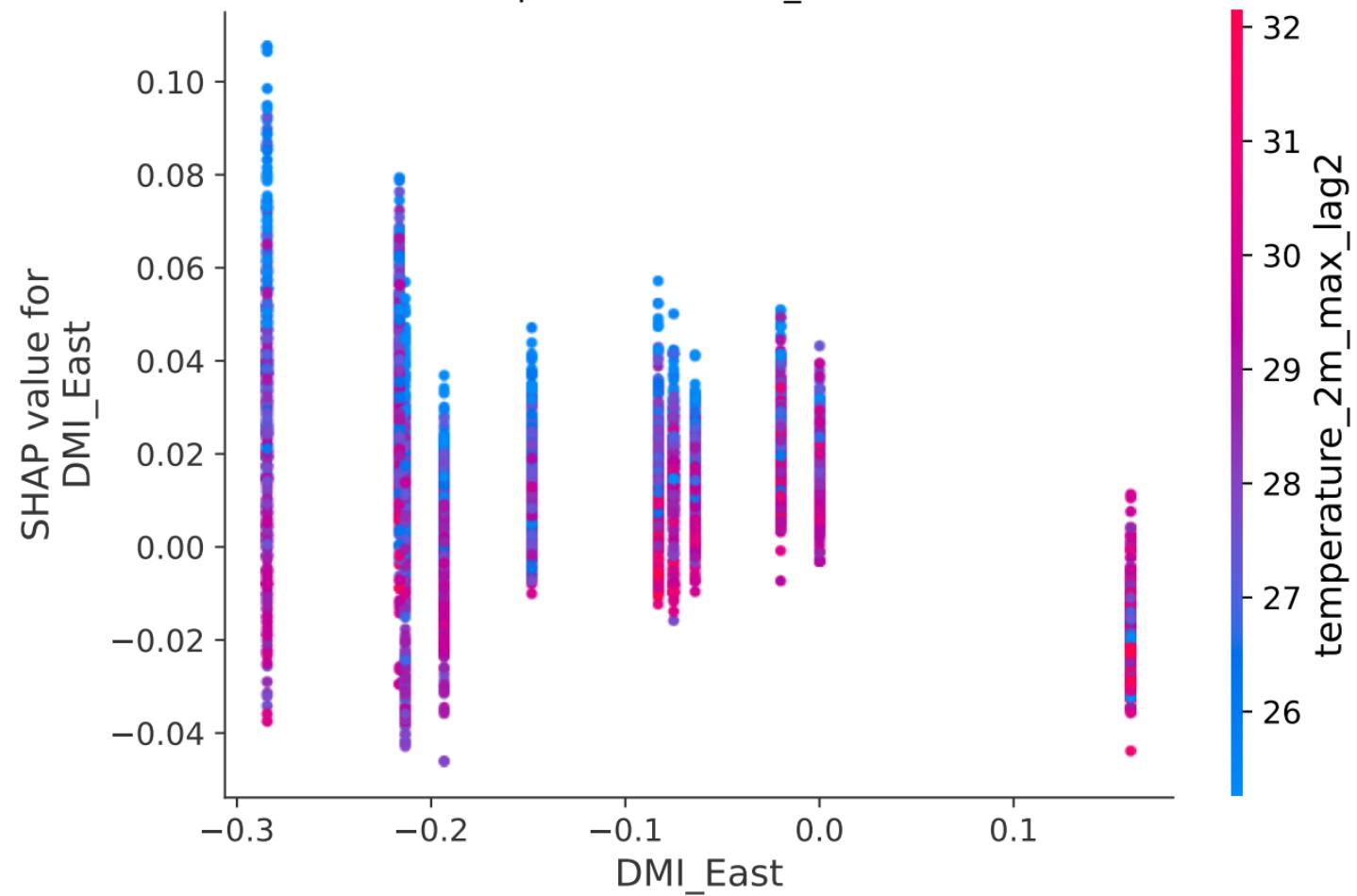
# SHAP Dependence - ANOM3.4 - Class 0



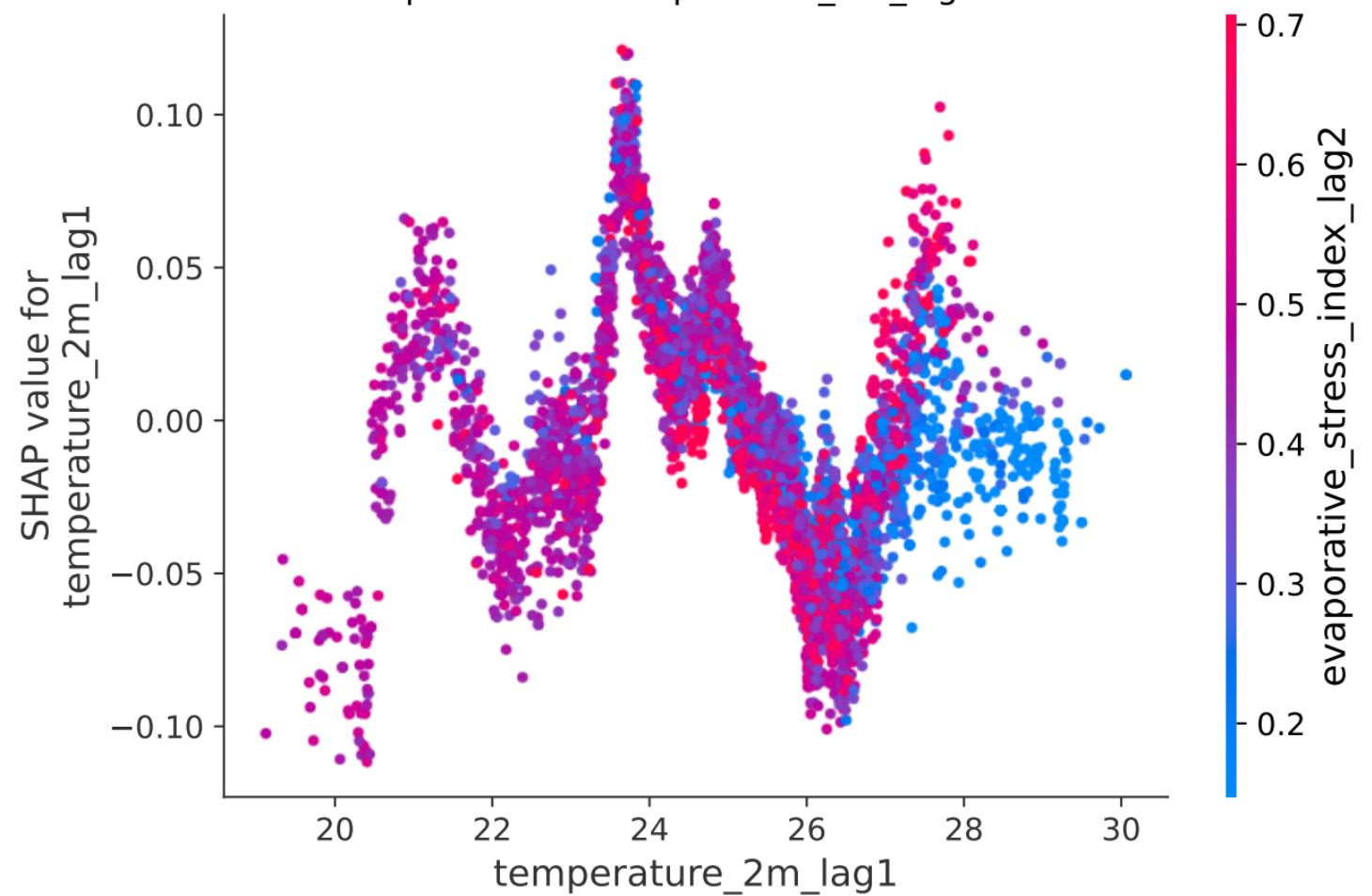
# SHAP Dependence - DMI - Class 0



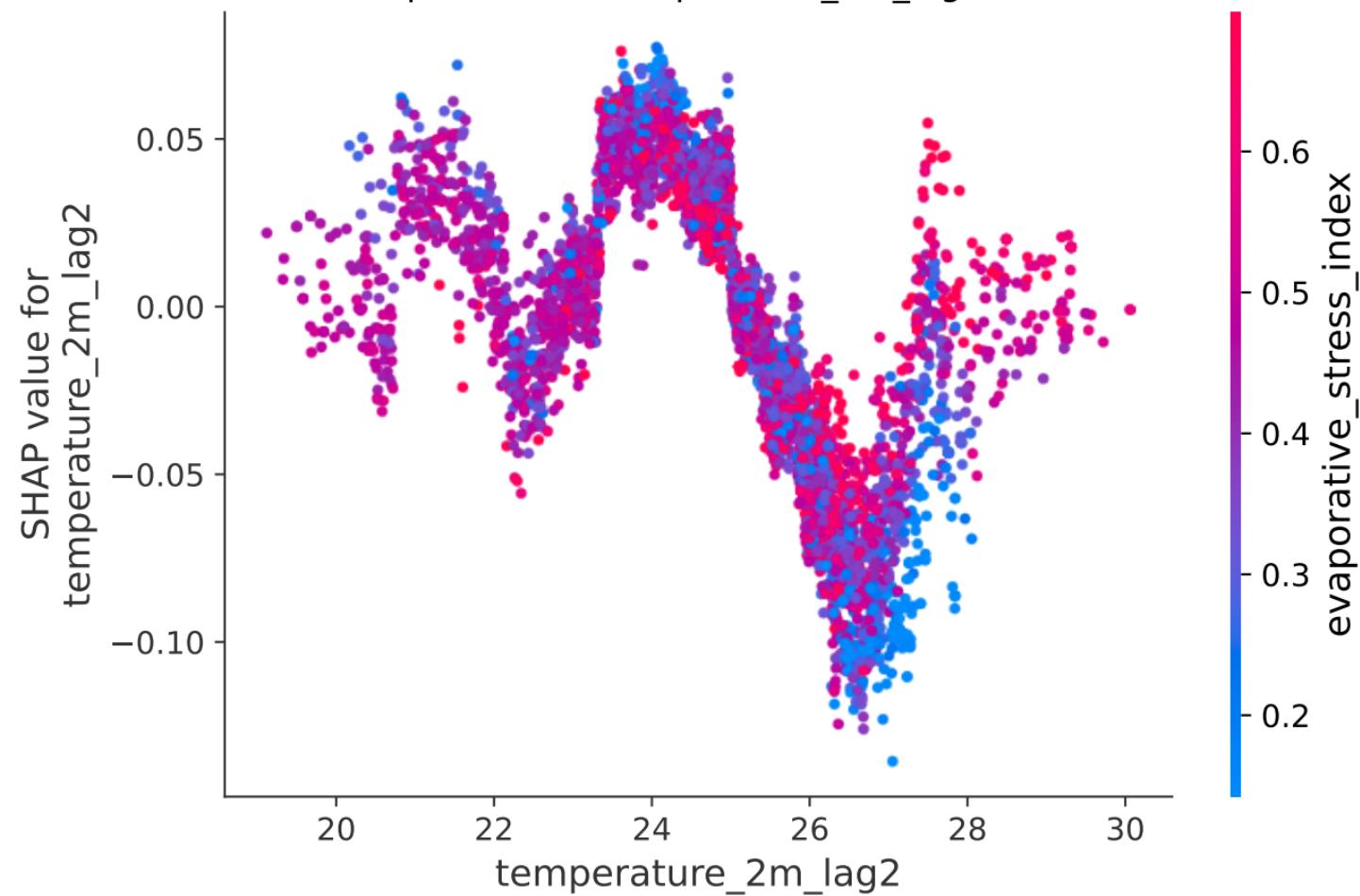
# SHAP Dependence - DMI\_East - Class 0



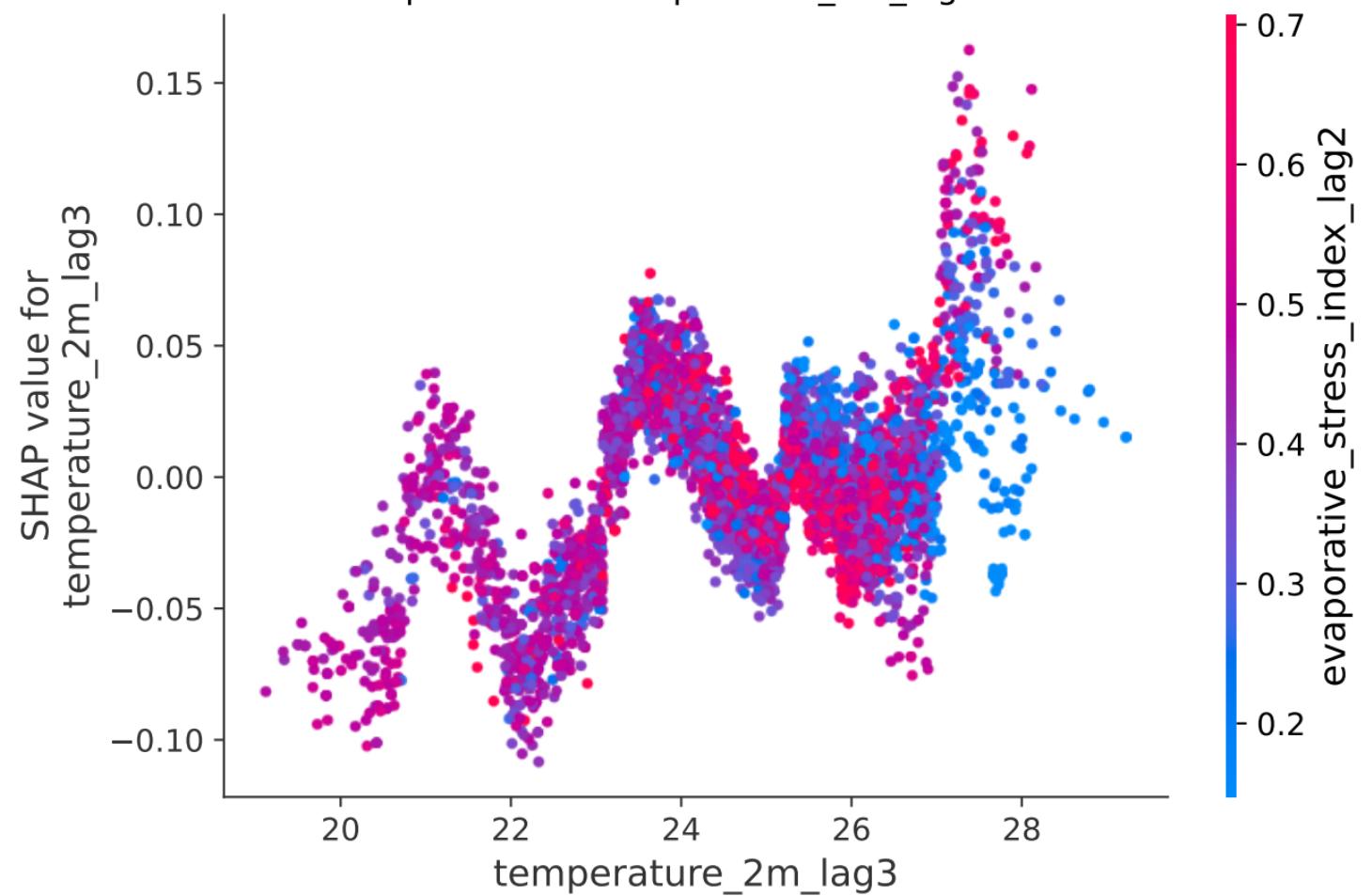
# SHAP Dependence - temperature\_2m\_lag1 - Class 0



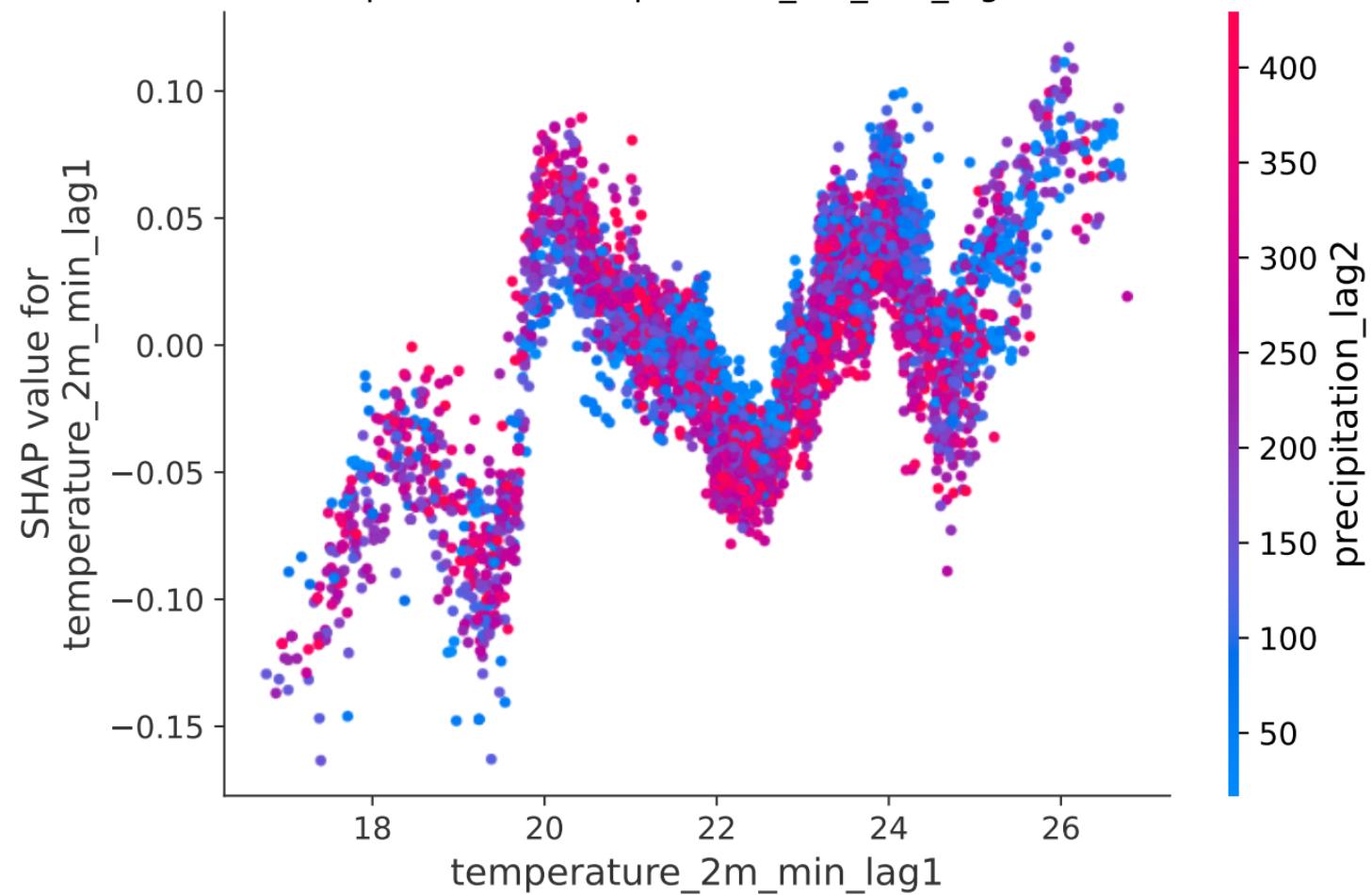
# SHAP Dependence - temperature\_2m\_lag2 - Class 0



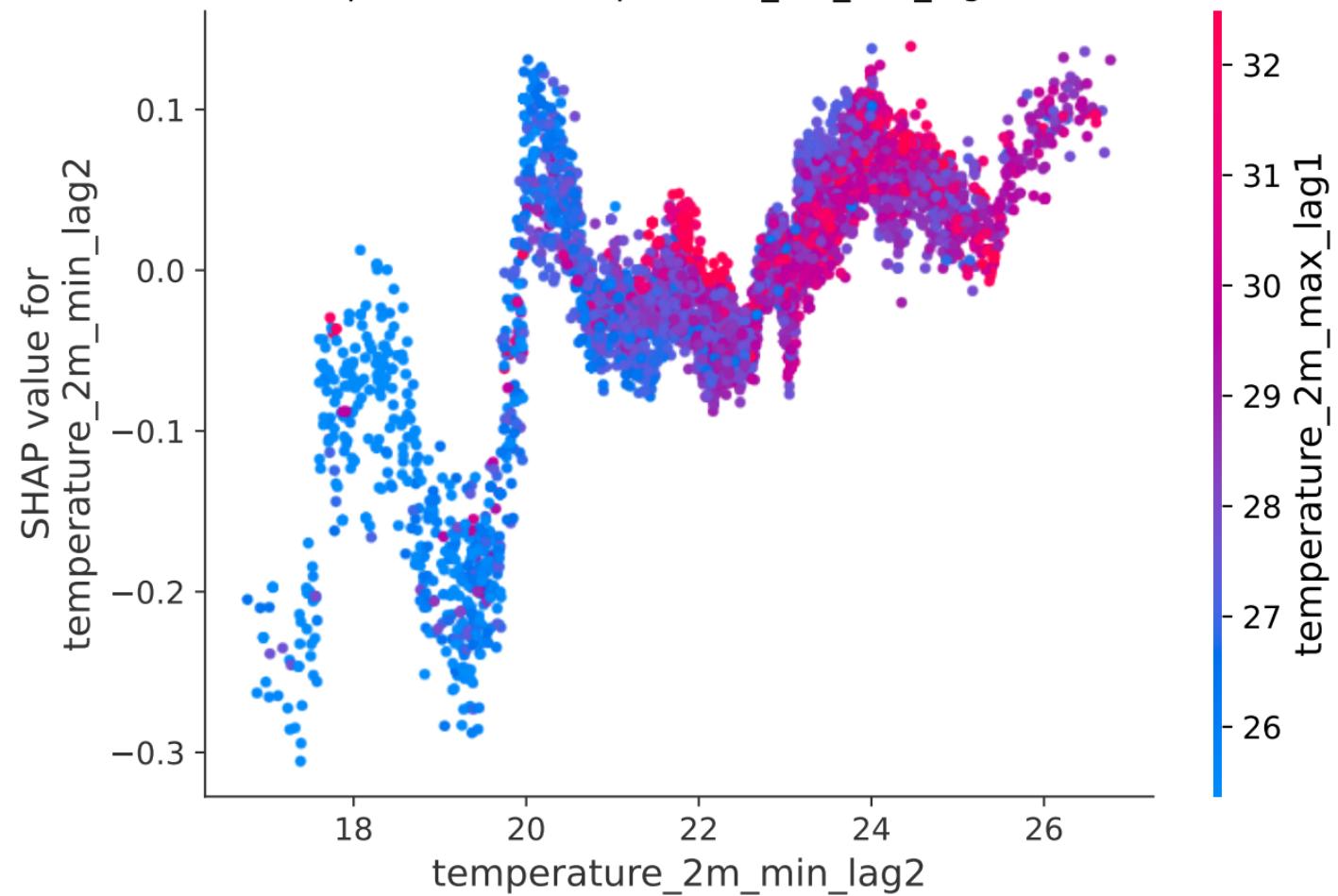
# SHAP Dependence - temperature\_2m\_lag3 - Class 0



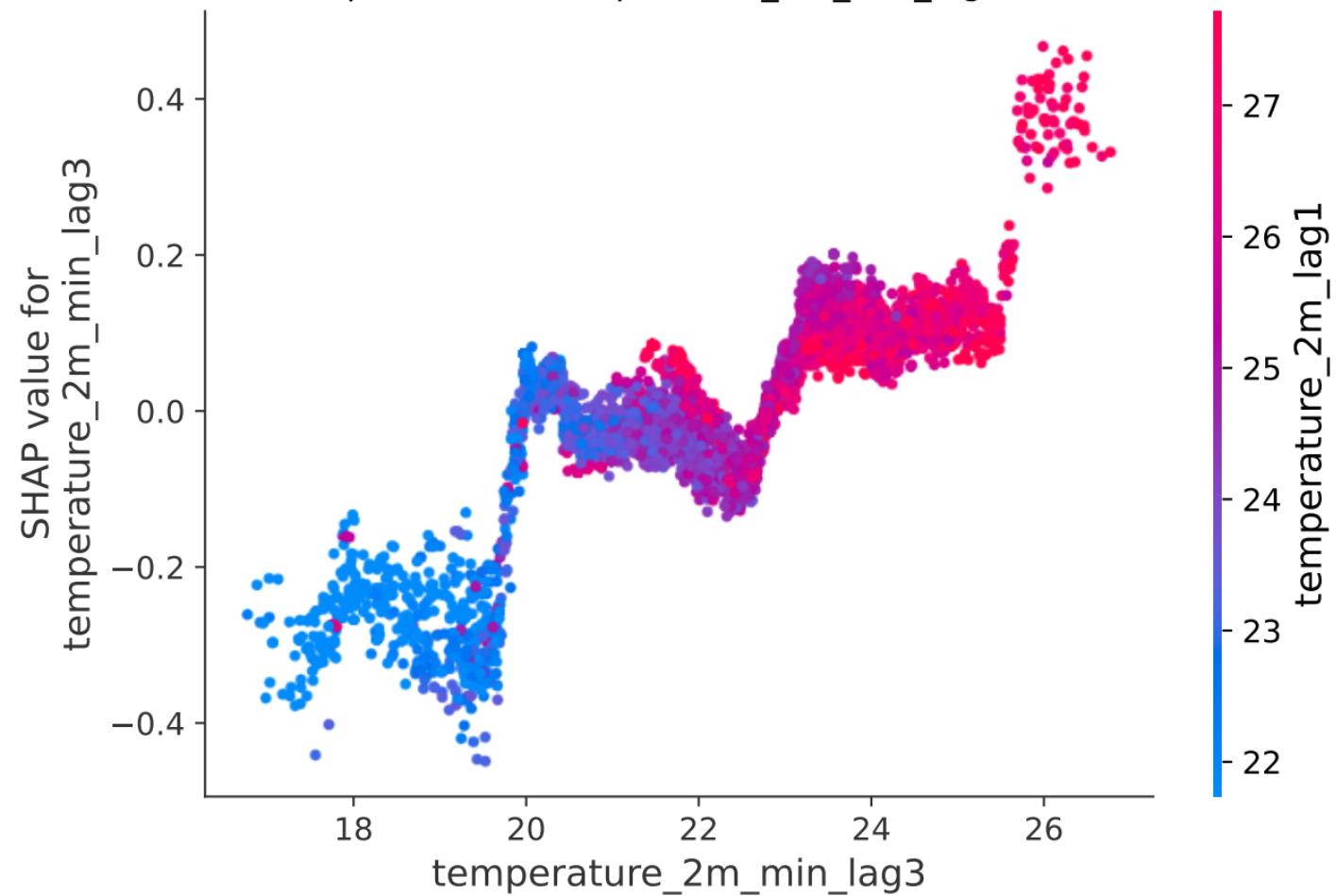
# SHAP Dependence - temperature\_2m\_min\_lag1 - Class 0



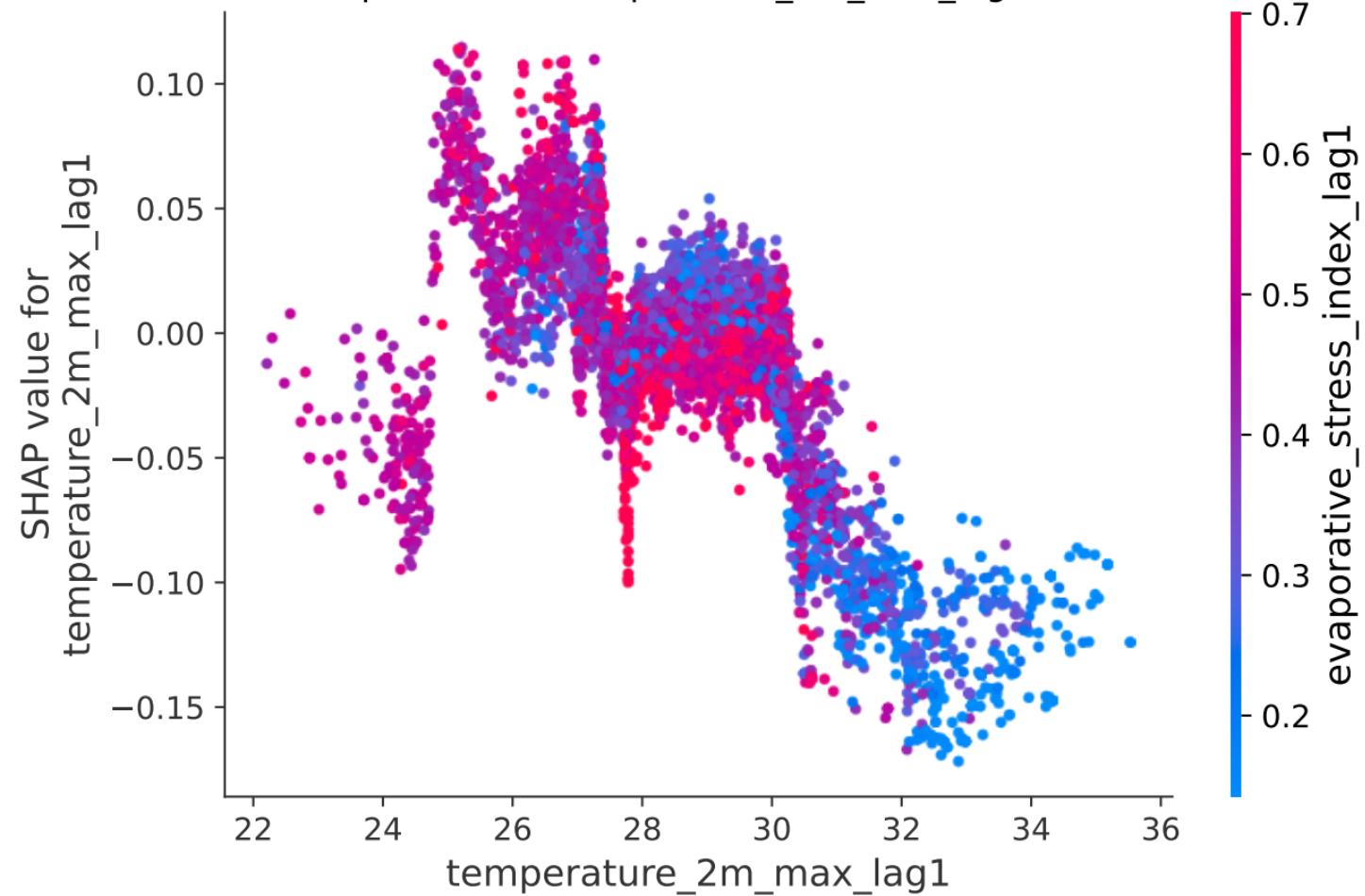
# SHAP Dependence - temperature\_2m\_min\_lag2 - Class 0



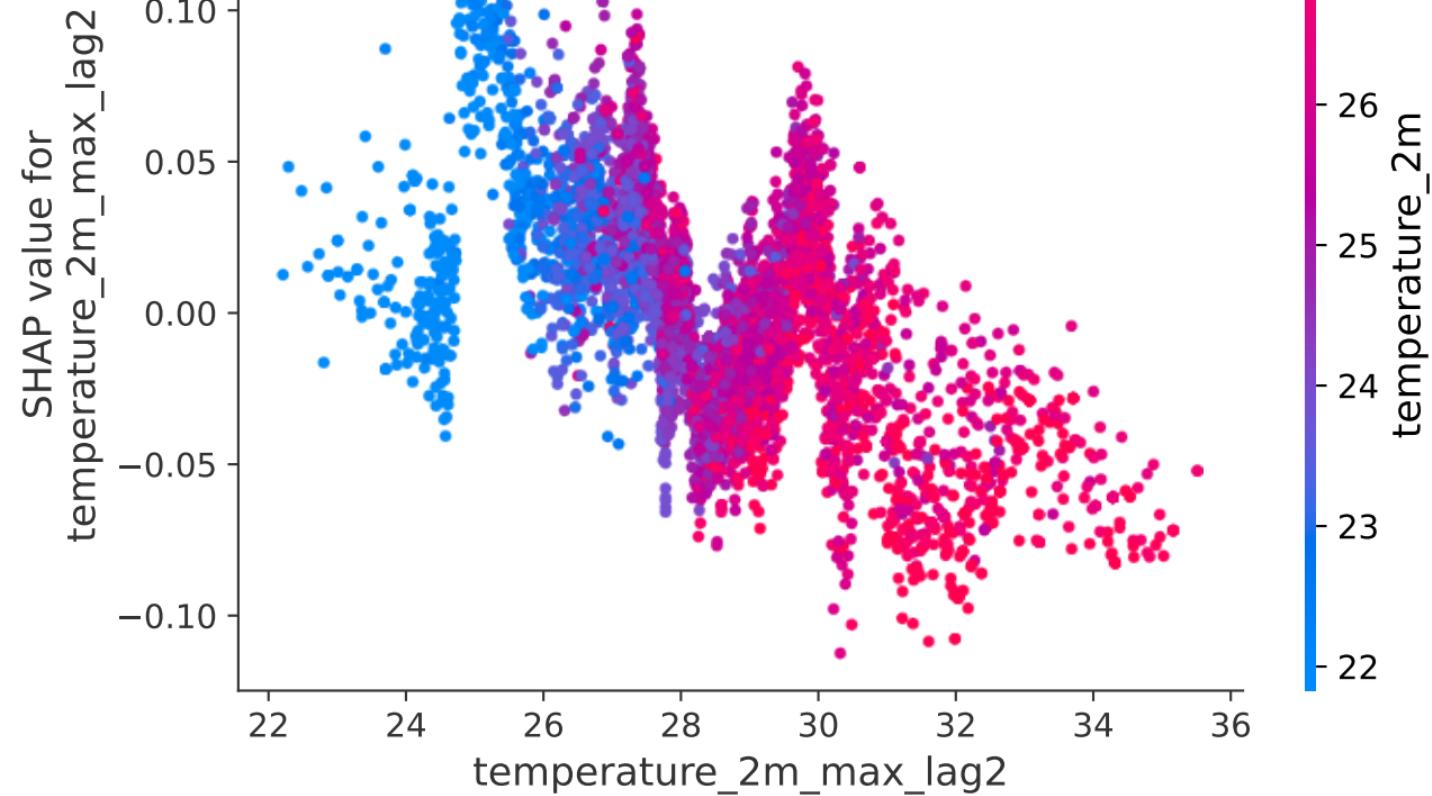
# SHAP Dependence - temperature\_2m\_min\_lag3 - Class 0



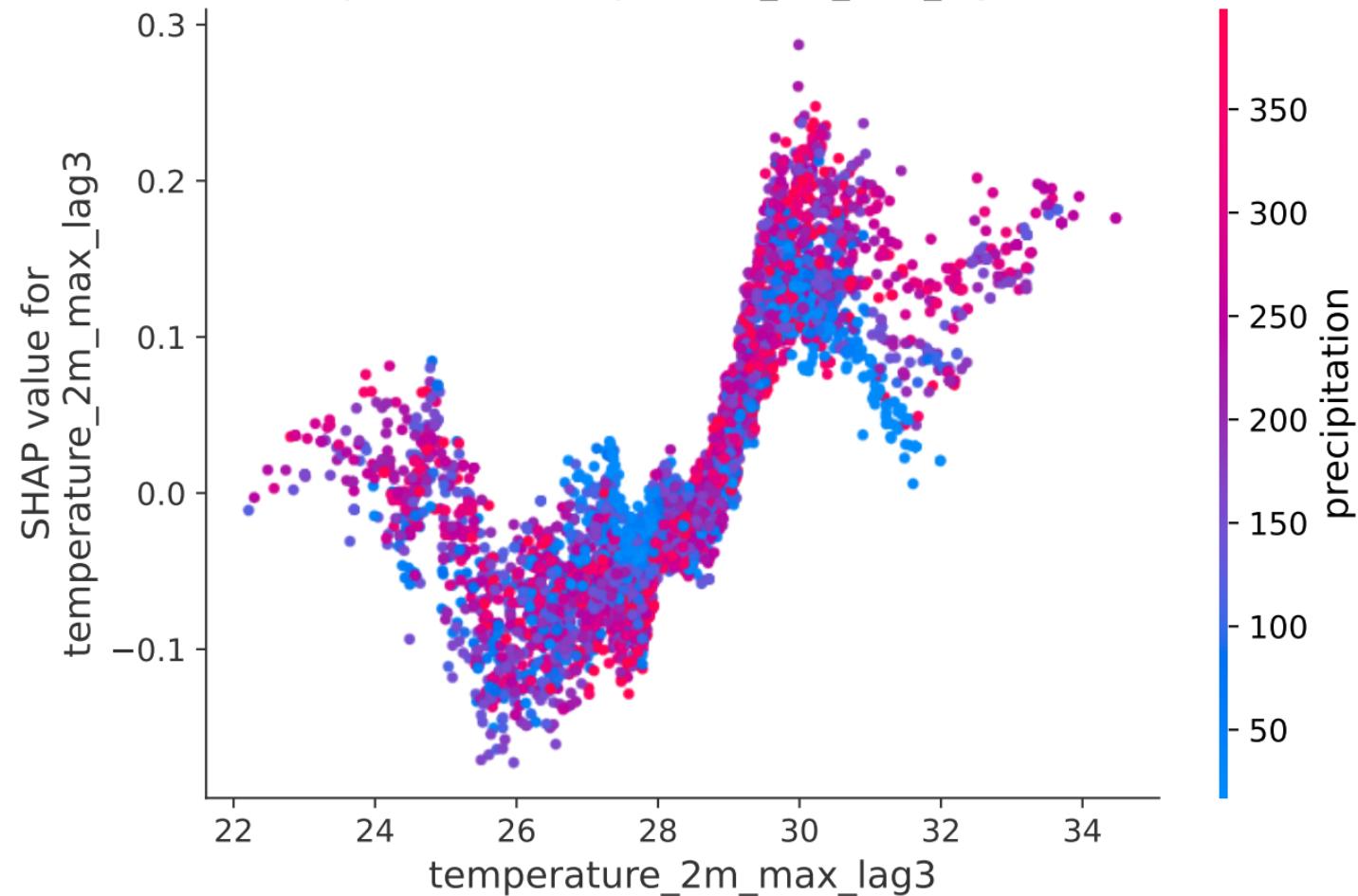
# SHAP Dependence - temperature\_2m\_max\_lag1 - Class 0



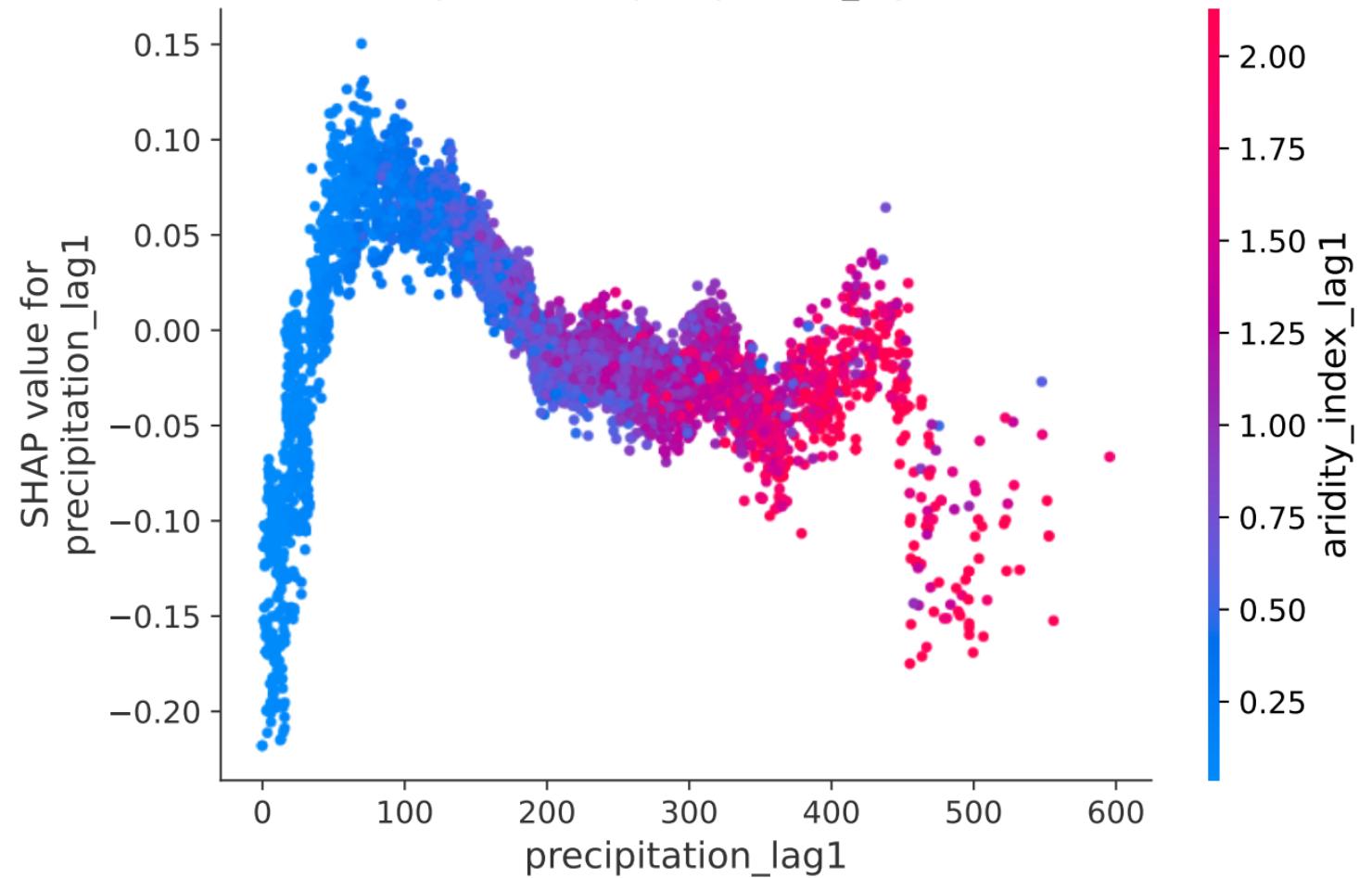
# SHAP Dependence - temperature\_2m\_max\_lag2 - Class 0



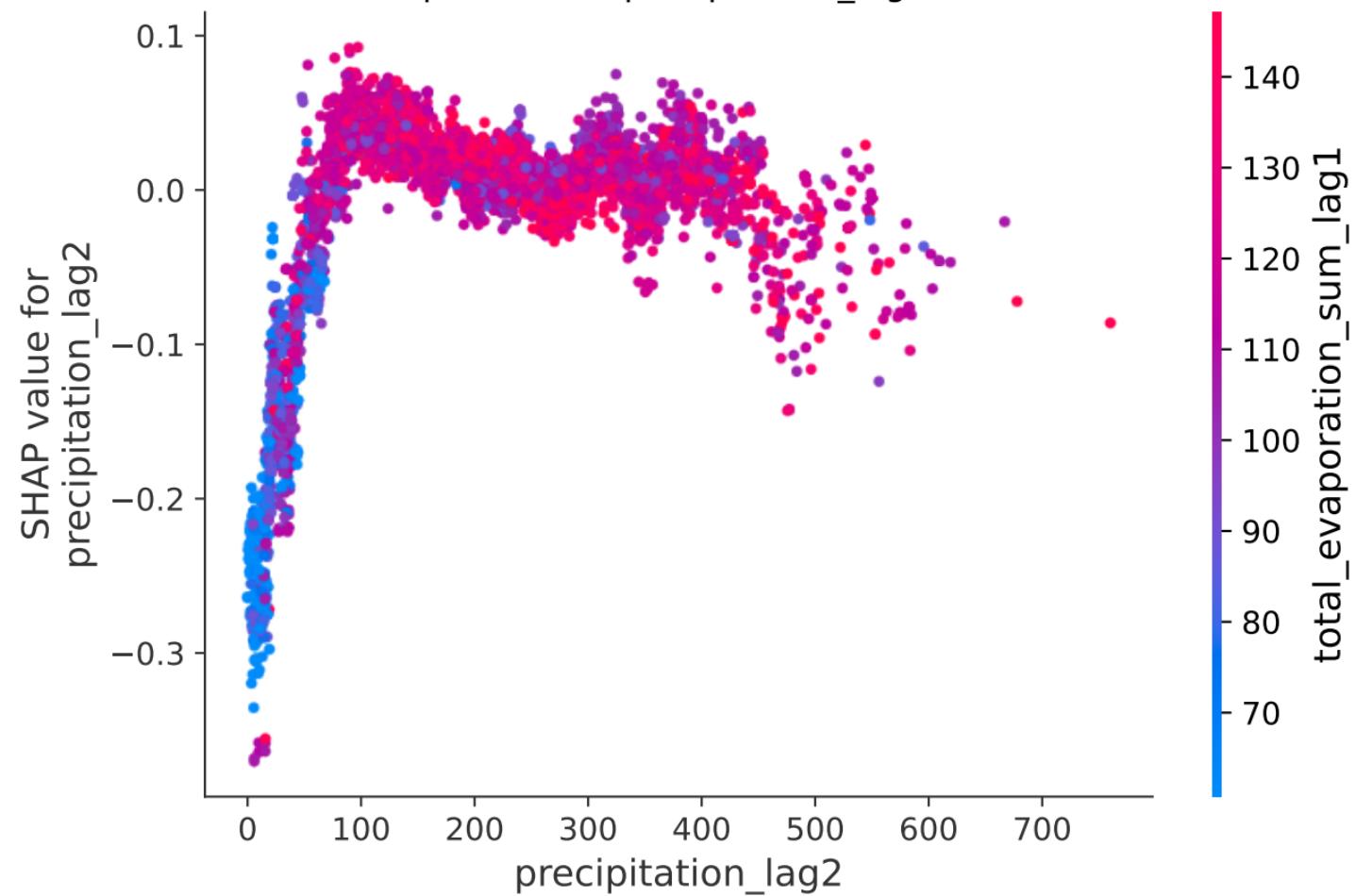
# SHAP Dependence - temperature\_2m\_max\_lag3 - Class 0



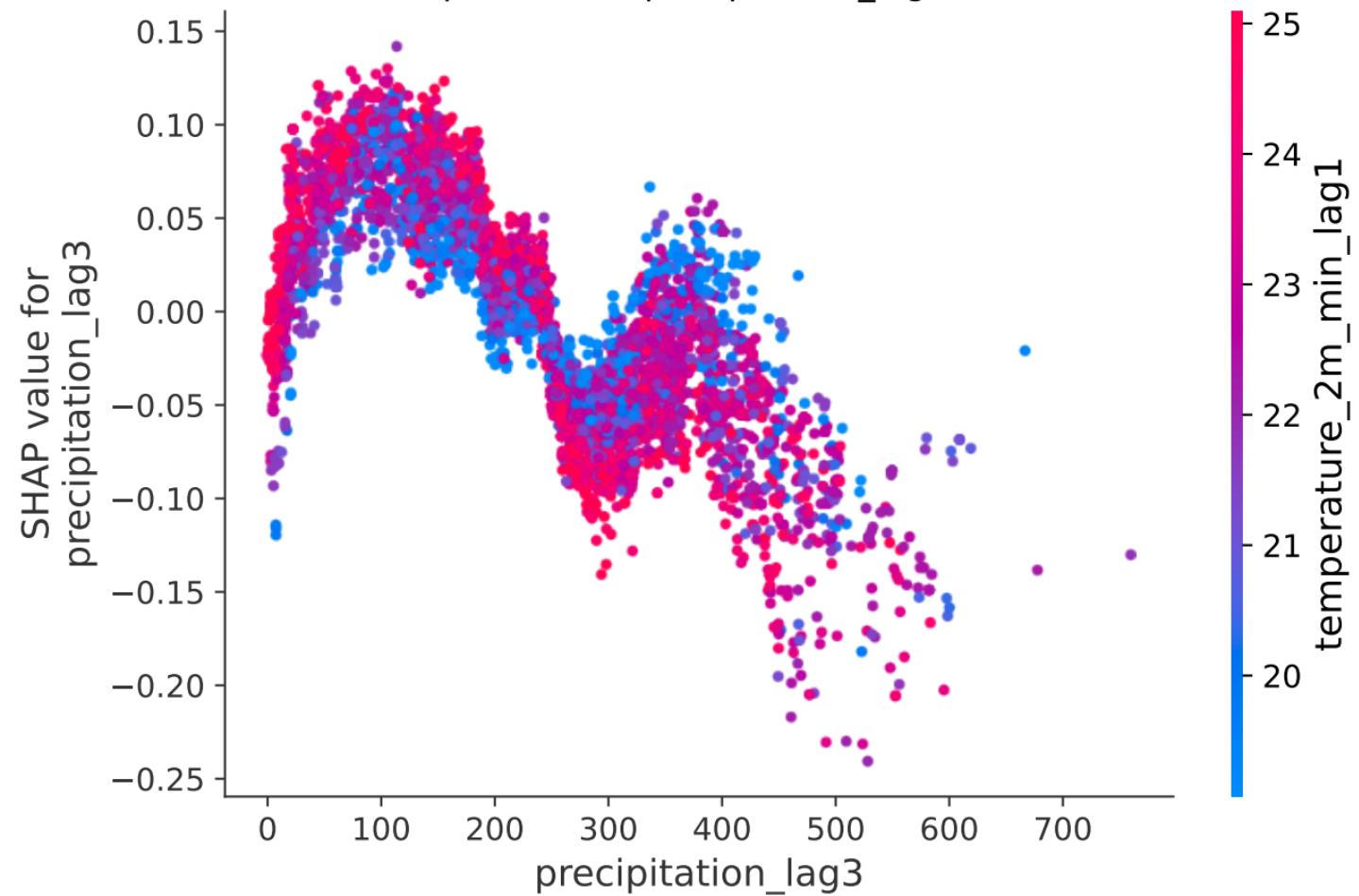
SHAP Dependence - precipitation\_lag1 - Class 0



# SHAP Dependence - precipitation\_lag2 - Class 0

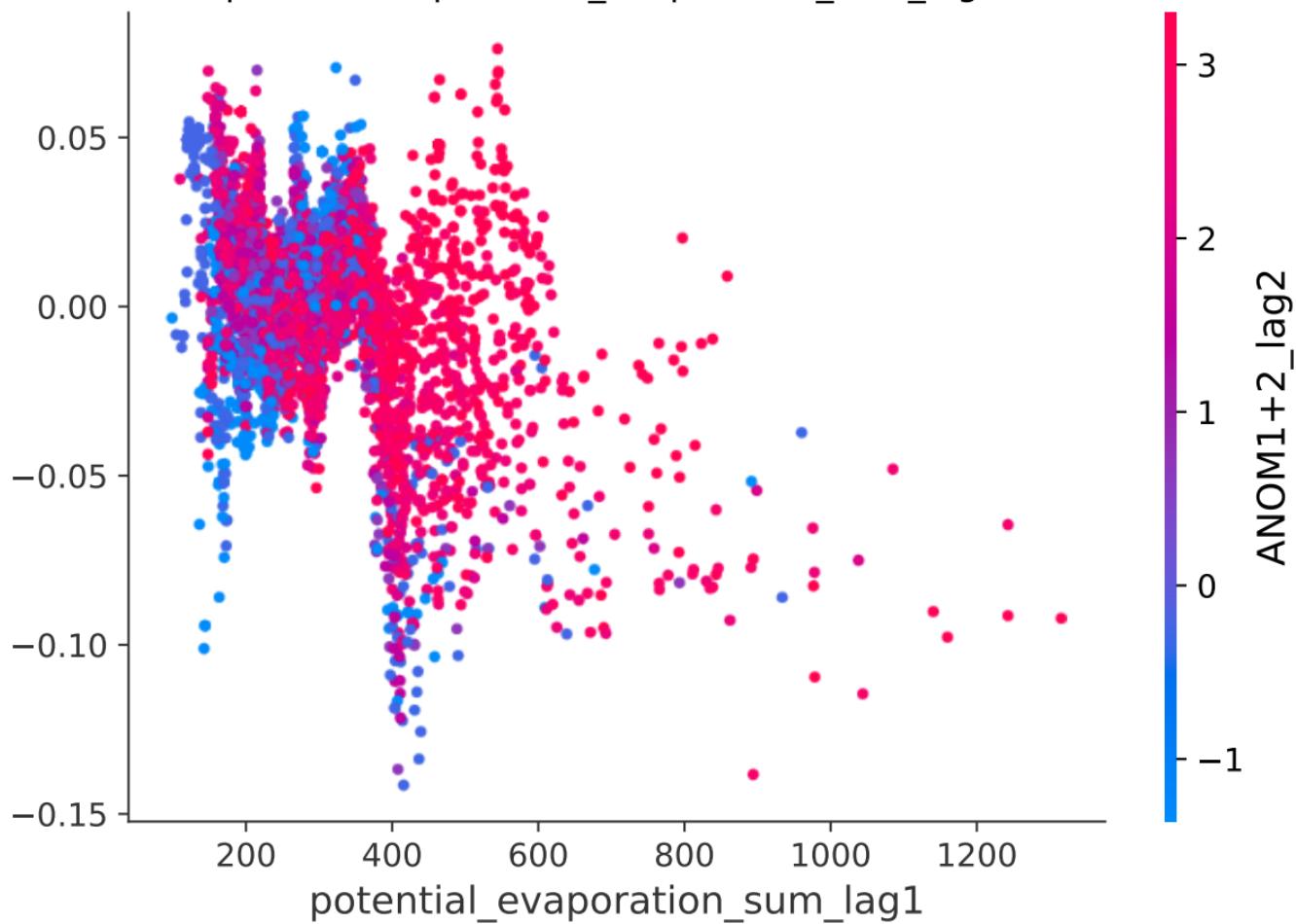


# SHAP Dependence - precipitation\_lag3 - Class 0

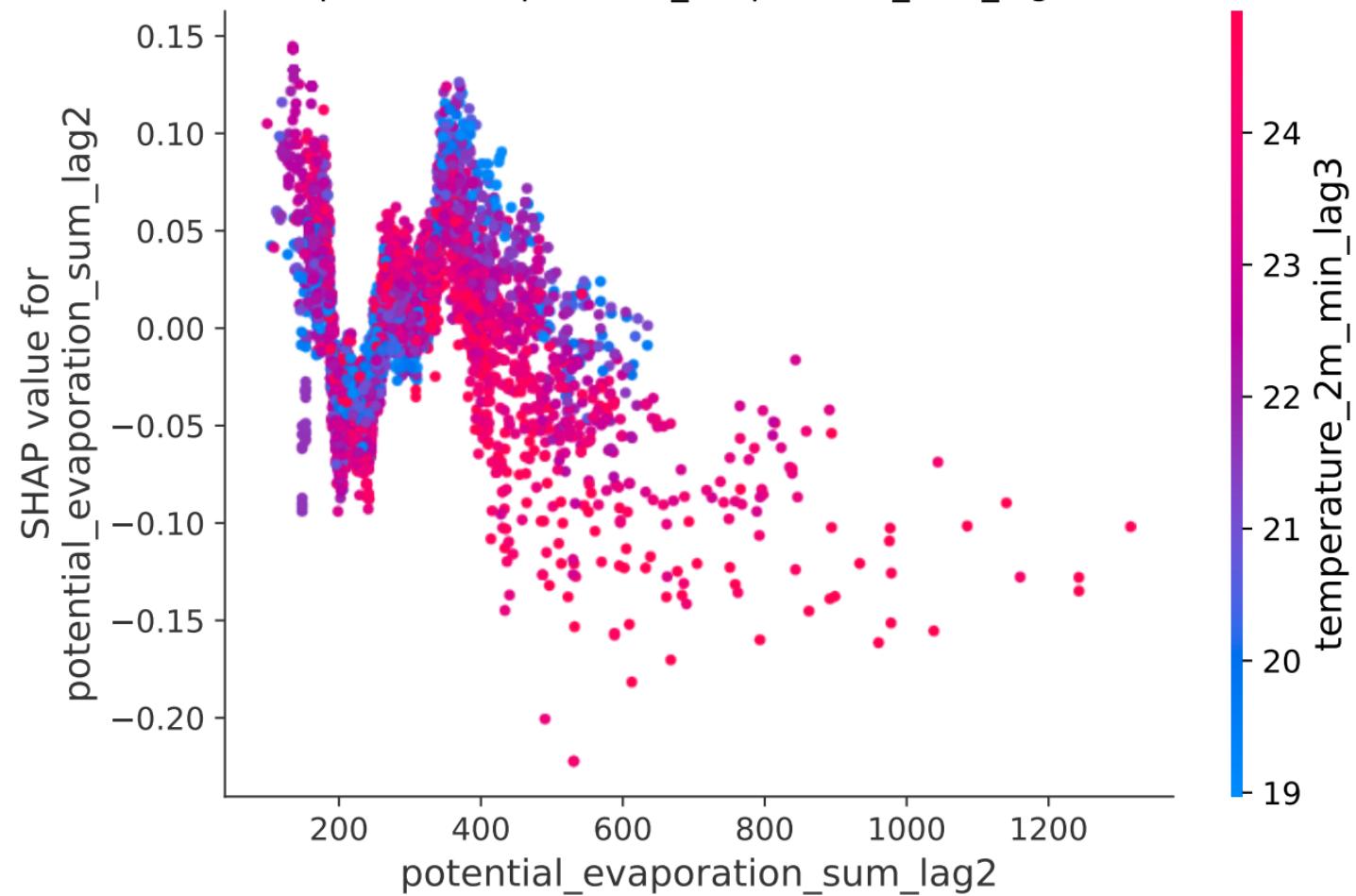


# SHAP Dependence - potential\_evaporation\_sum\_lag1 - Class 0

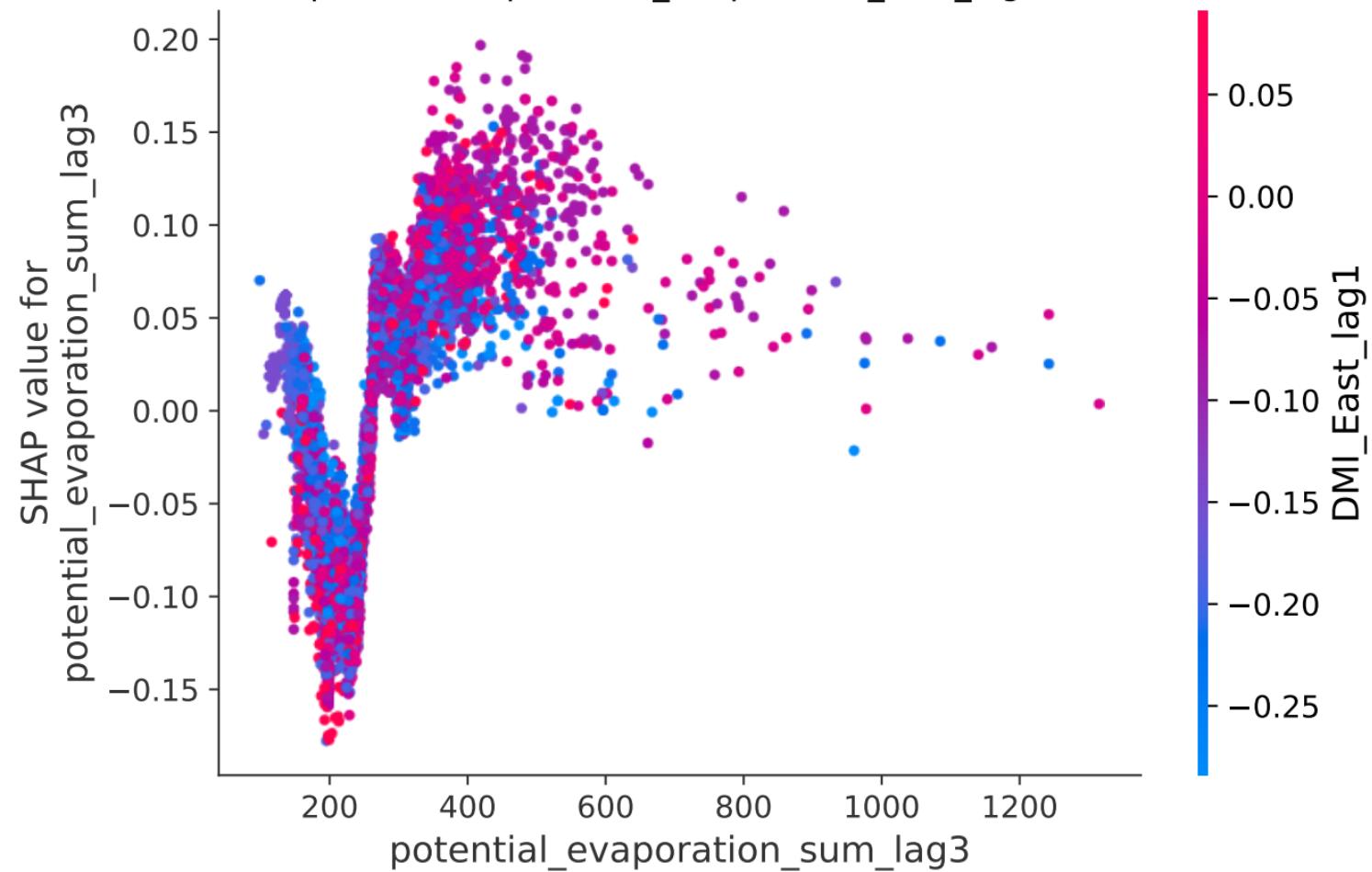
SHAP value for  
potential\_evaporation\_sum\_lag1



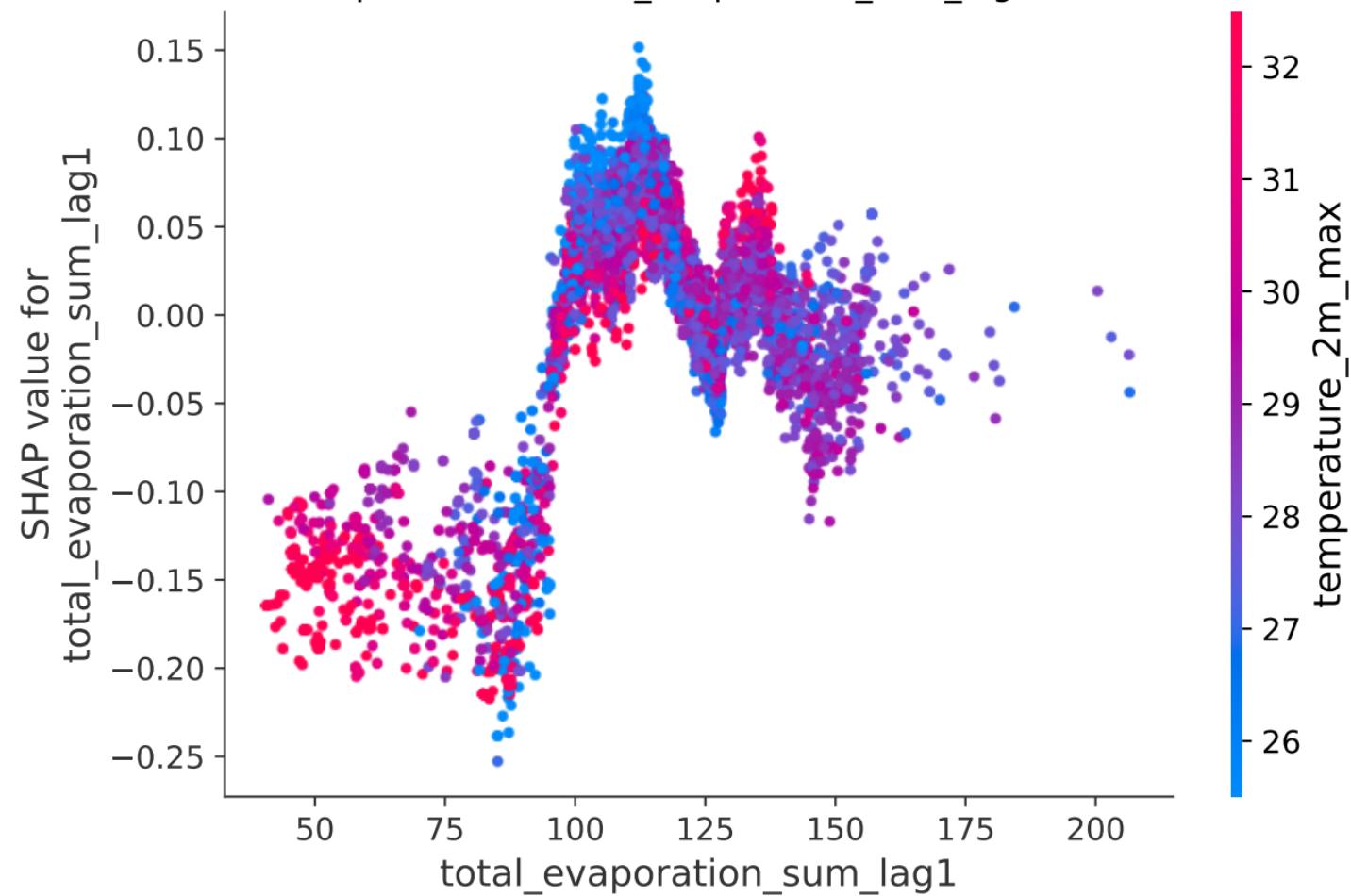
# SHAP Dependence - potential\_evaporation\_sum\_lag2 - Class 0



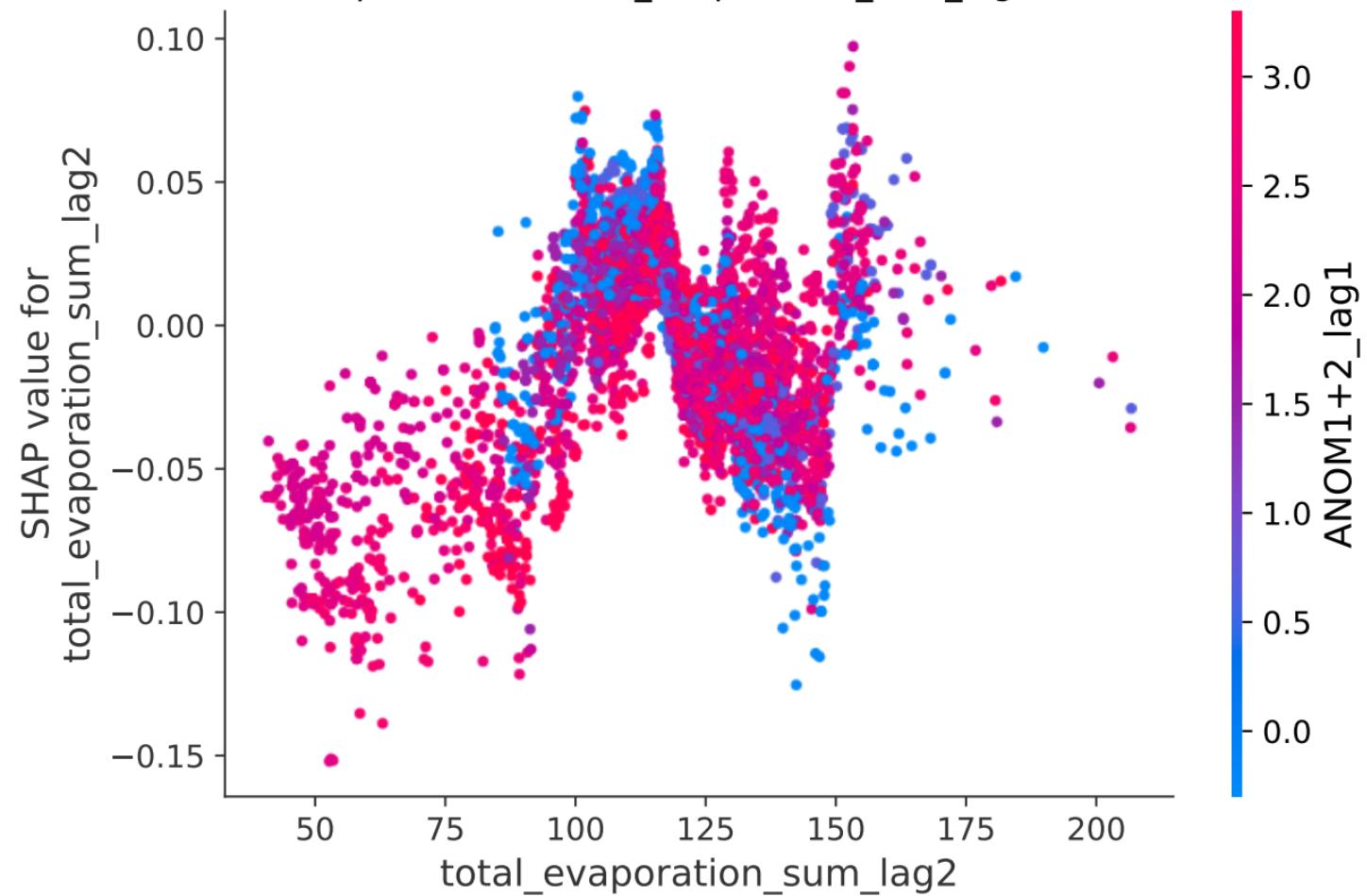
# SHAP Dependence - potential\_evaporation\_sum\_lag3 - Class 0



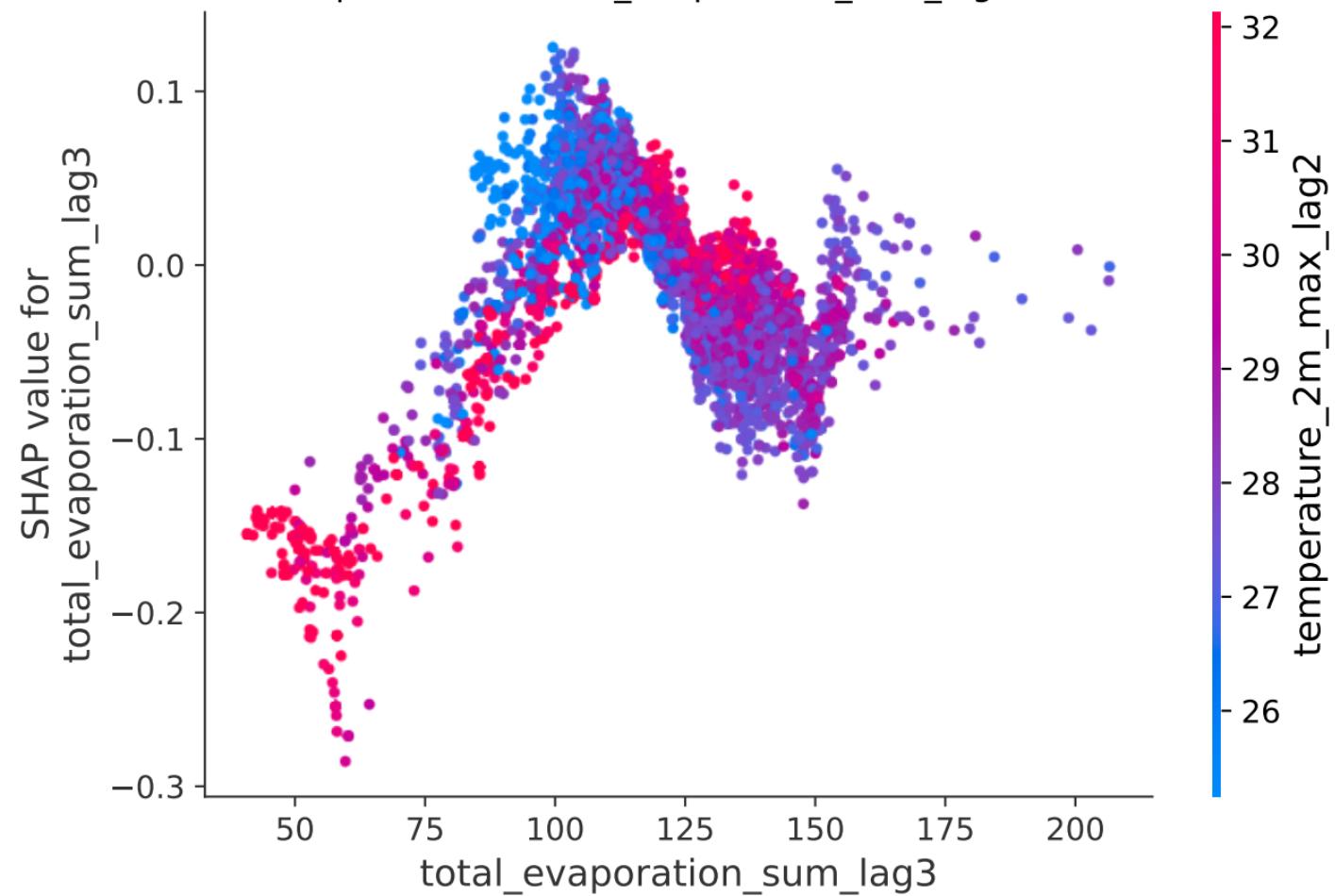
# SHAP Dependence - total\_evaporation\_sum\_lag1 - Class 0



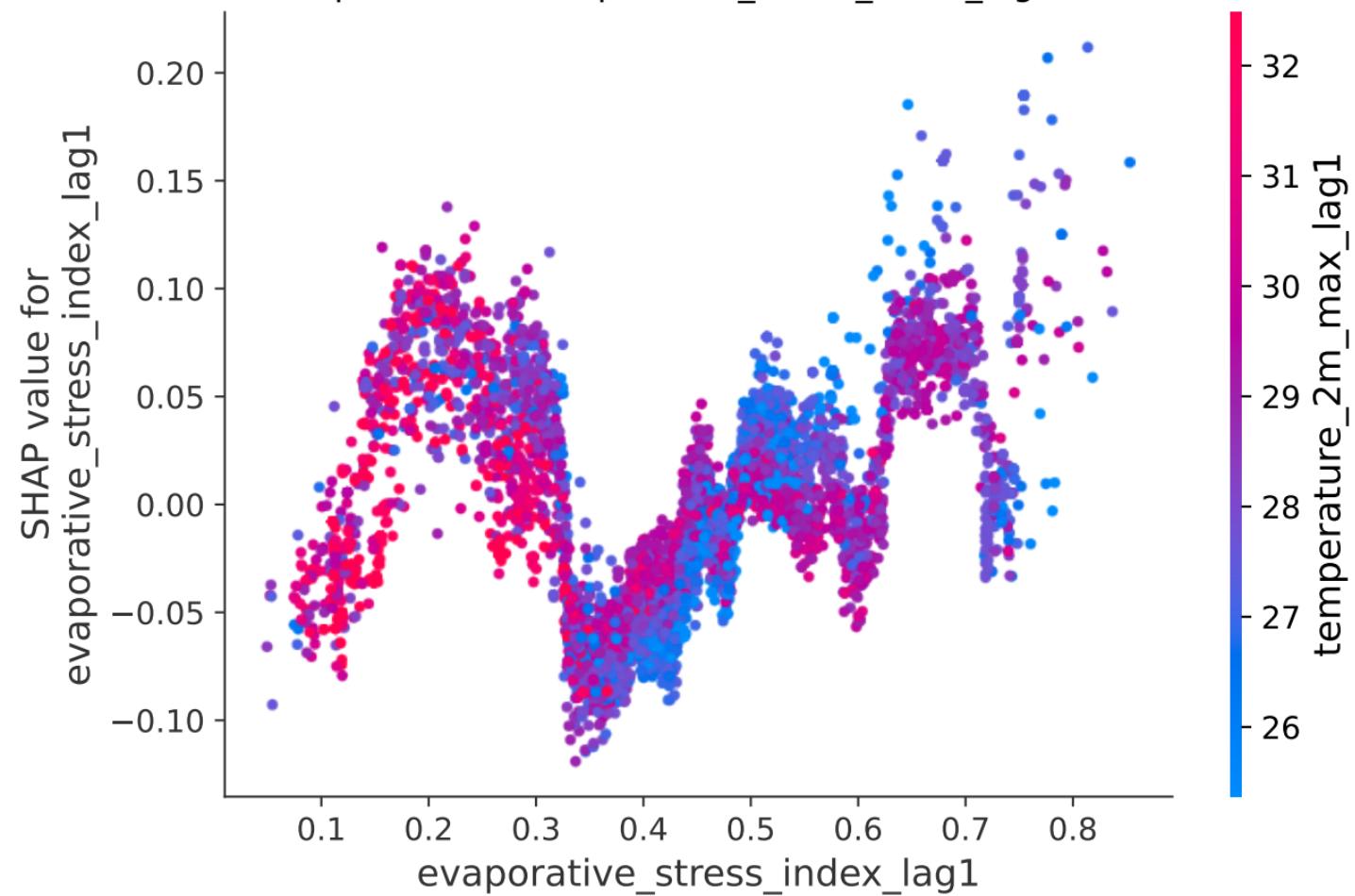
# SHAP Dependence - total\_evaporation\_sum\_lag2 - Class 0



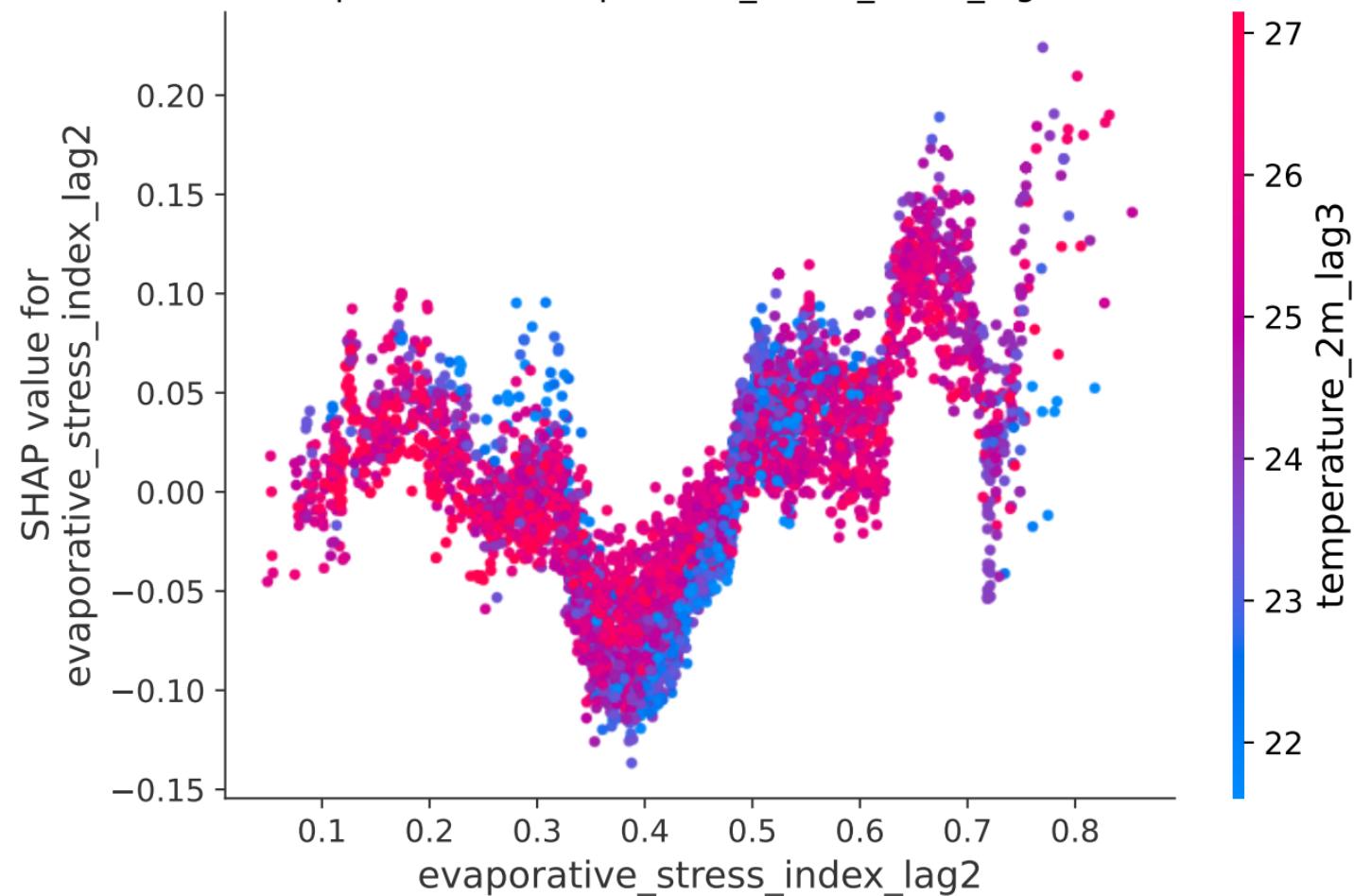
# SHAP Dependence - total\_evaporation\_sum\_lag3 - Class 0



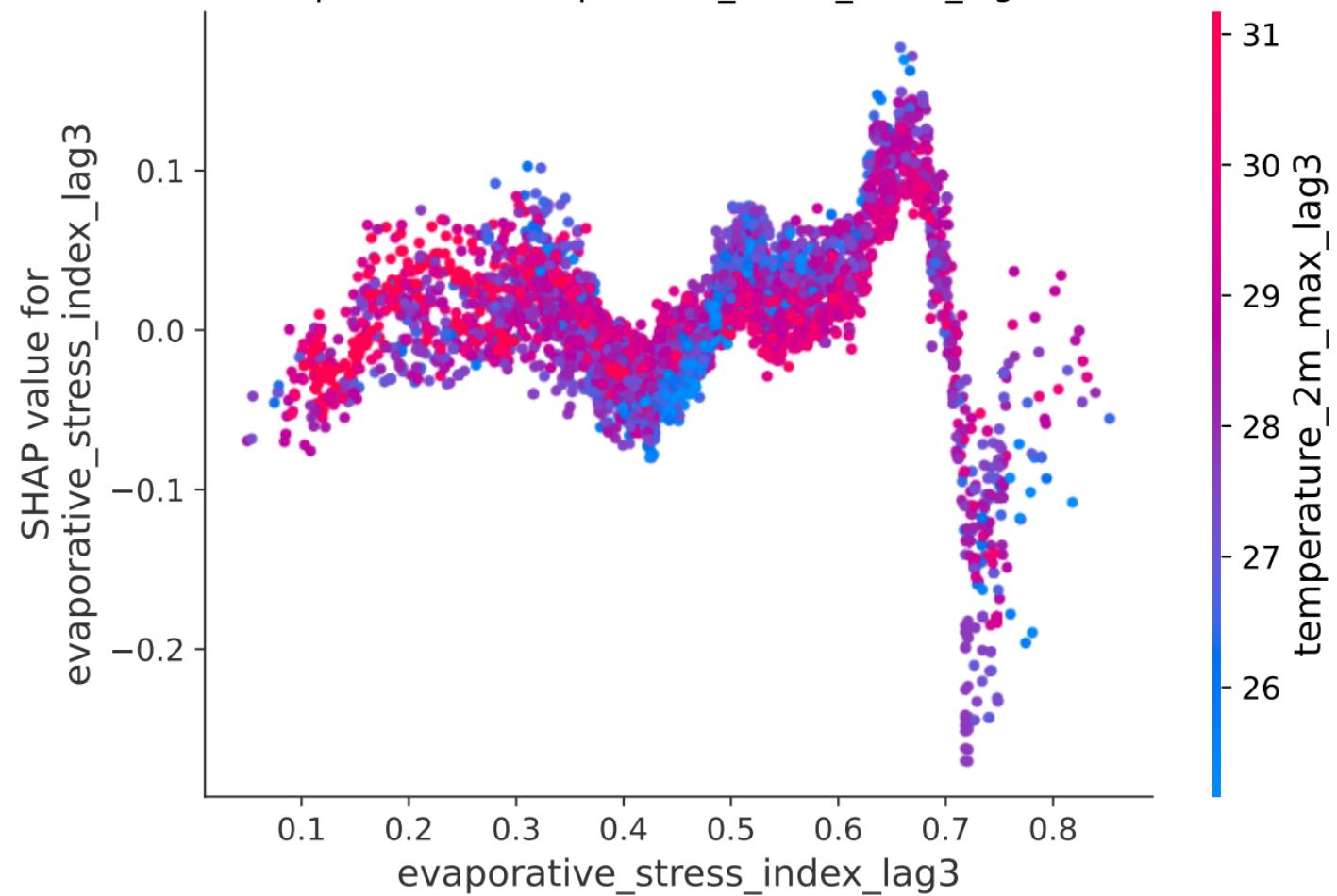
# SHAP Dependence - evaporative\_stress\_index\_lag1 - Class 0



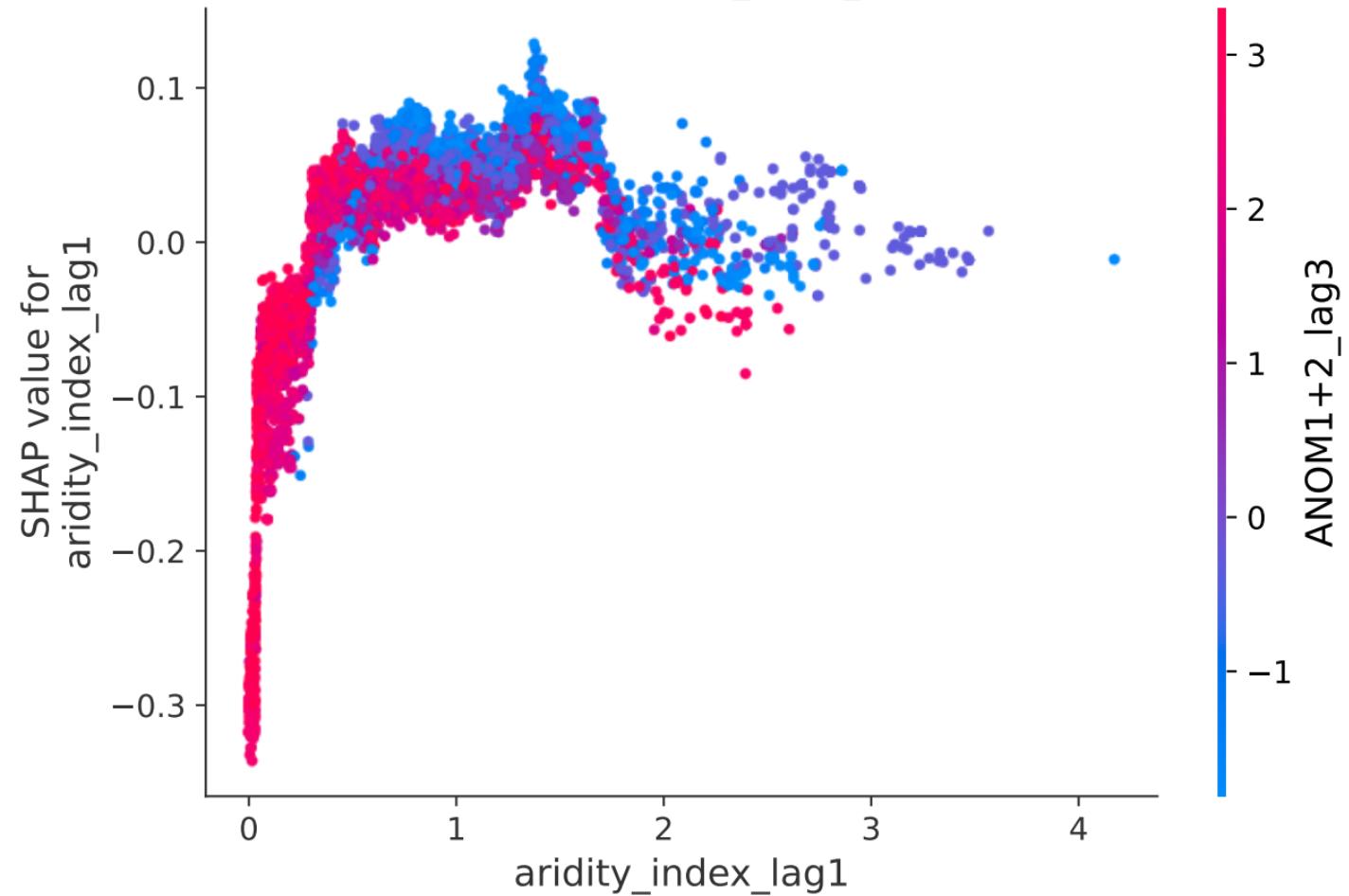
# SHAP Dependence - evaporative\_stress\_index\_lag2 - Class 0



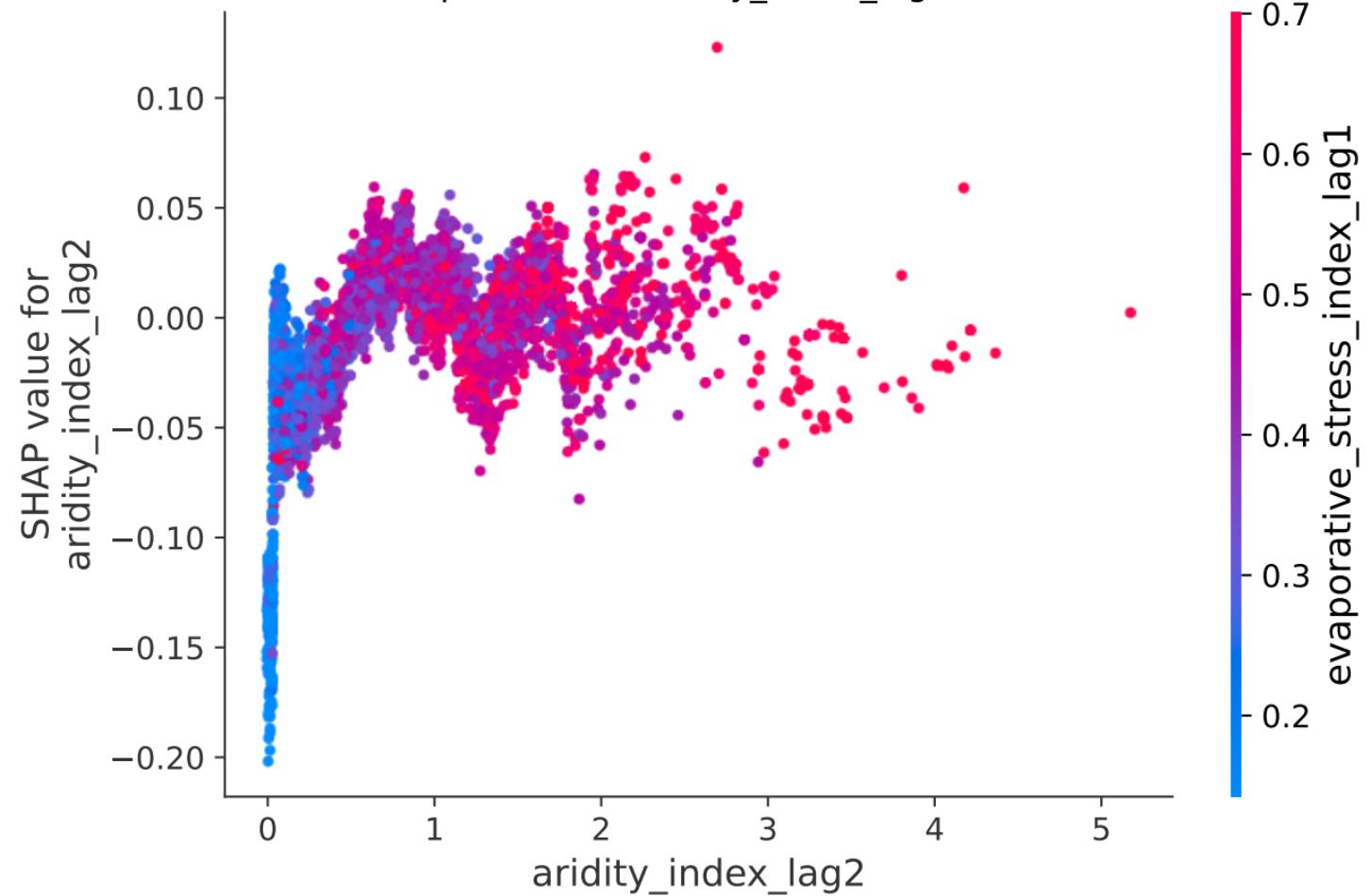
# SHAP Dependence - evaporative\_stress\_index\_lag3 - Class 0



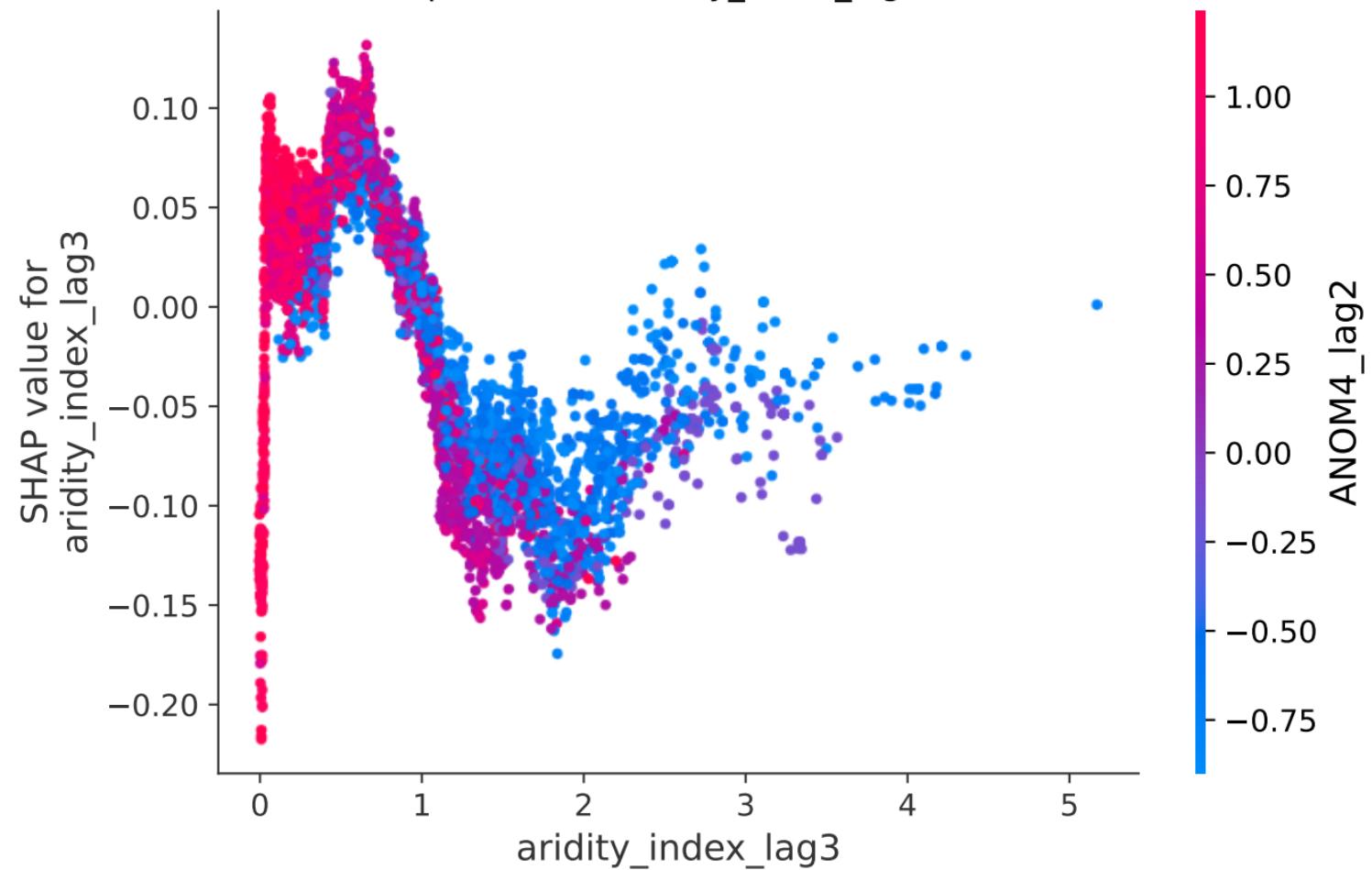
# SHAP Dependence - aridity\_index\_lag1 - Class 0

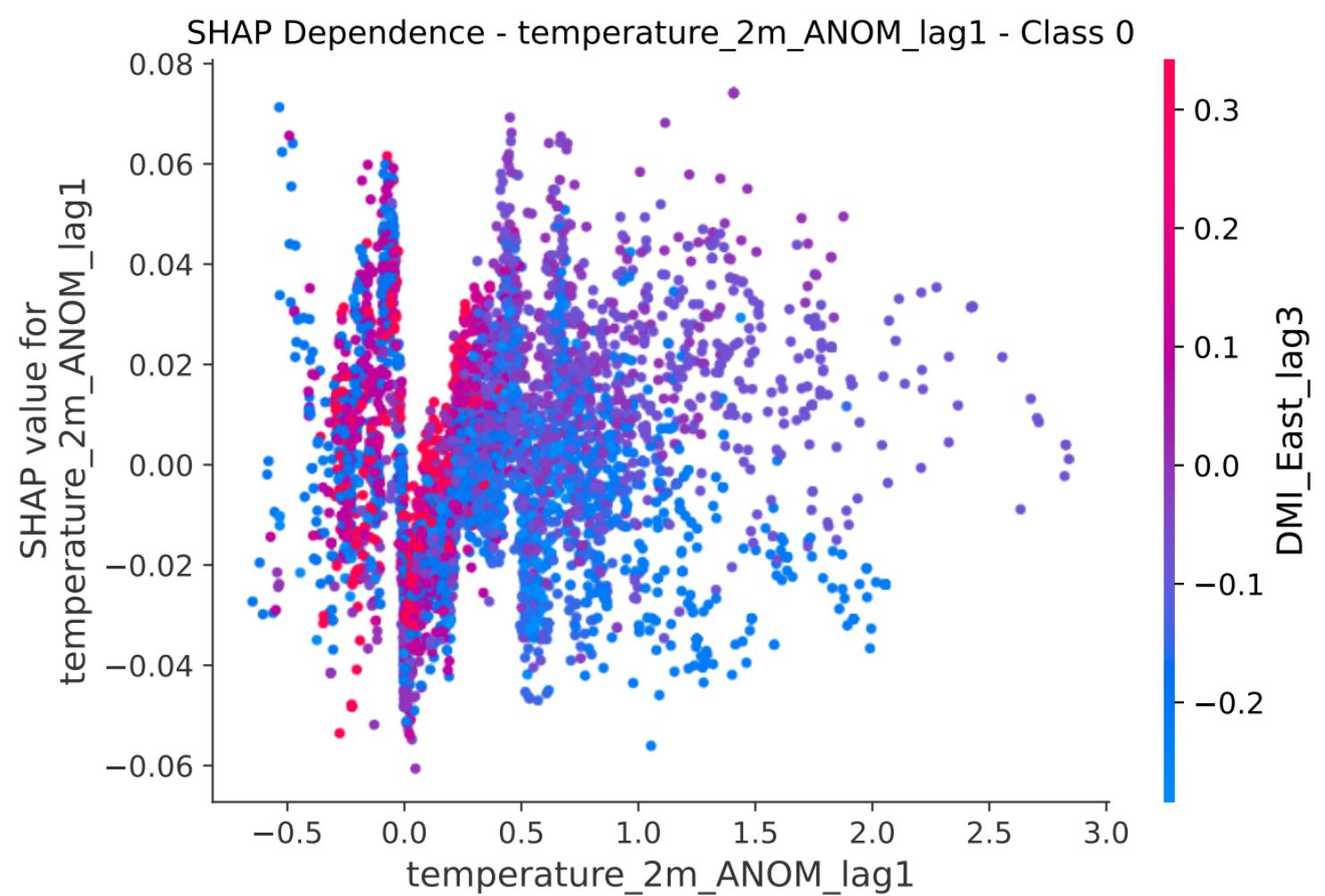


# SHAP Dependence - aridity\_index\_lag2 - Class 0

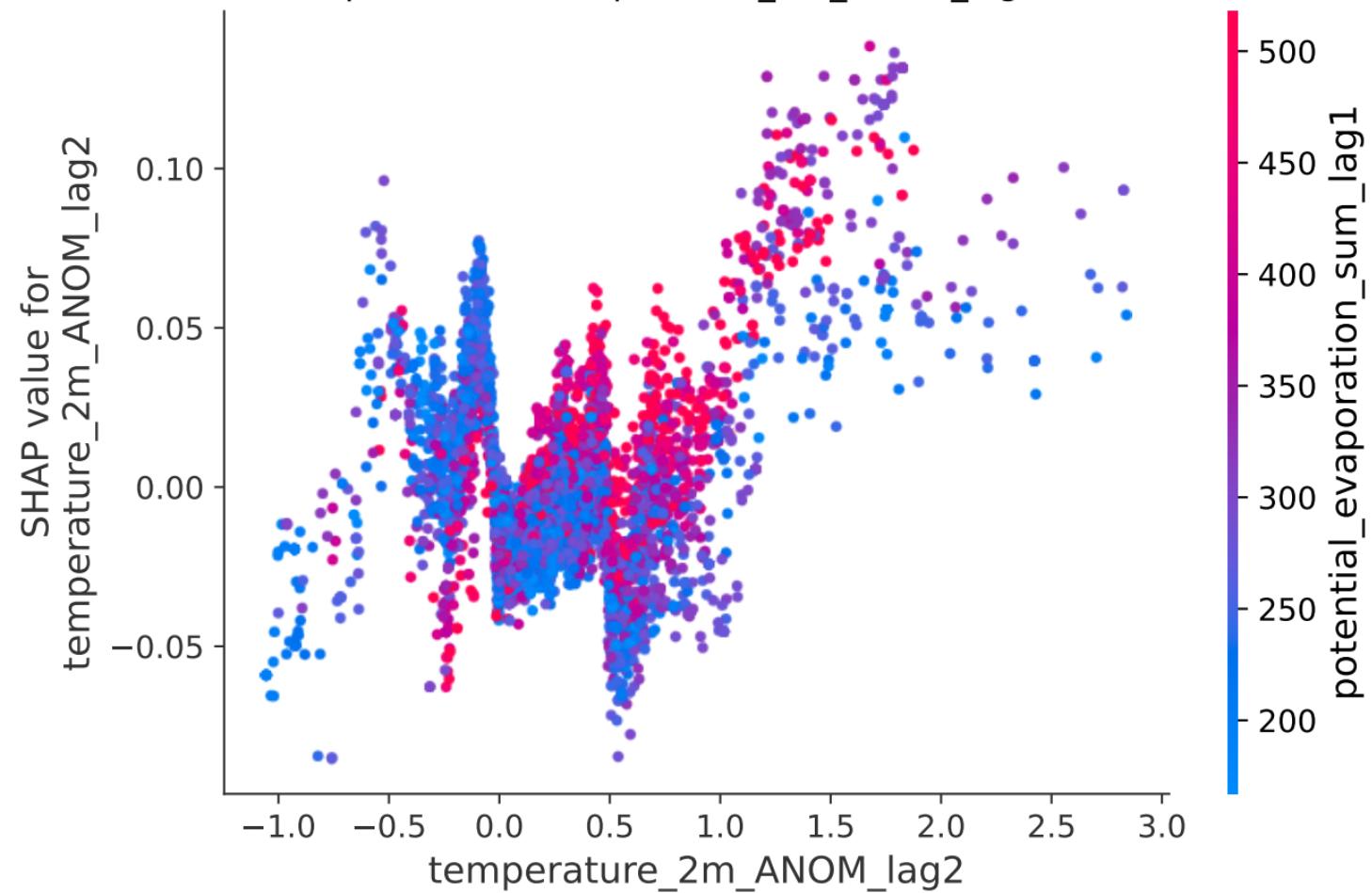


# SHAP Dependence - aridity\_index\_lag3 - Class 0

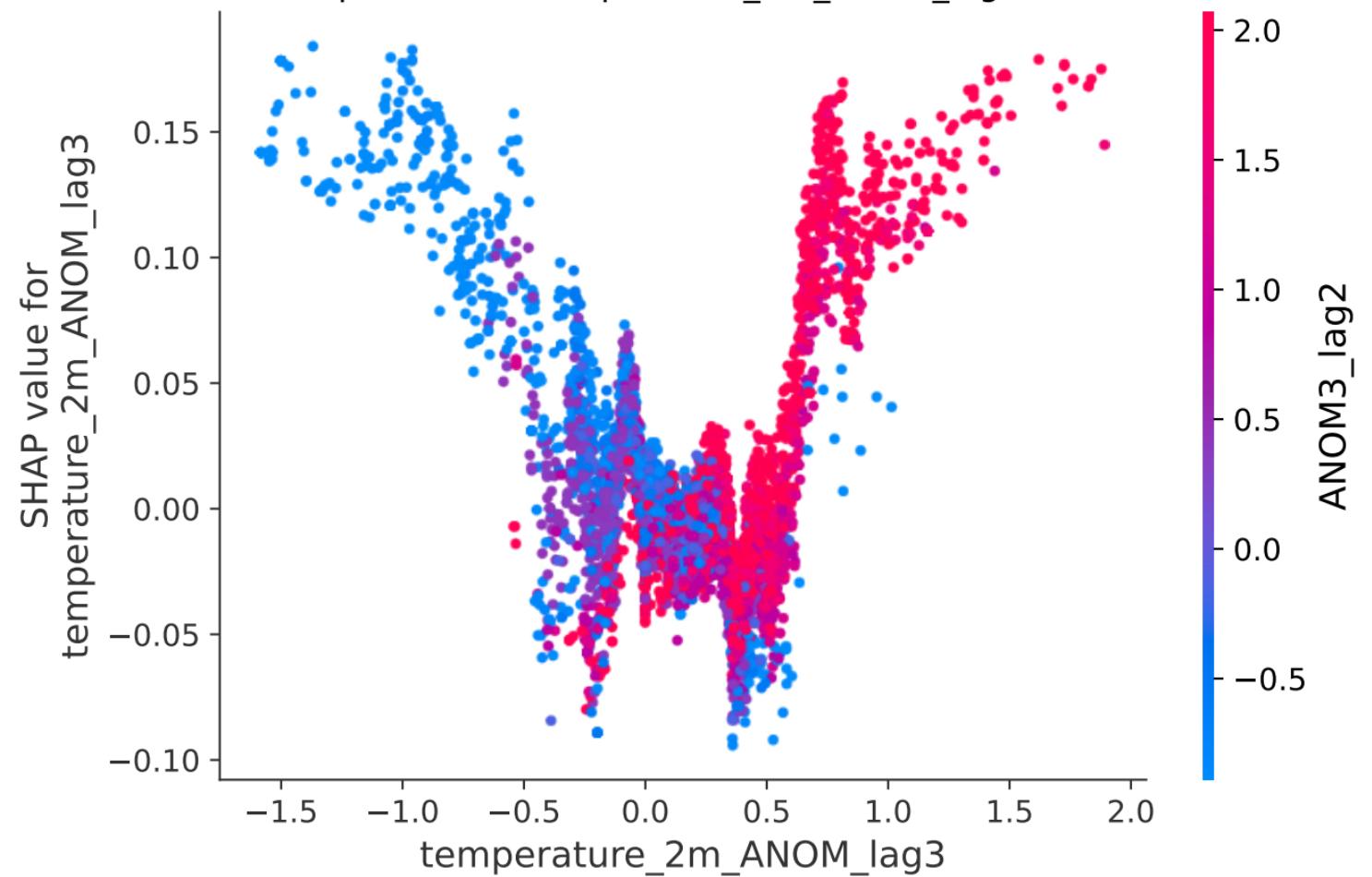




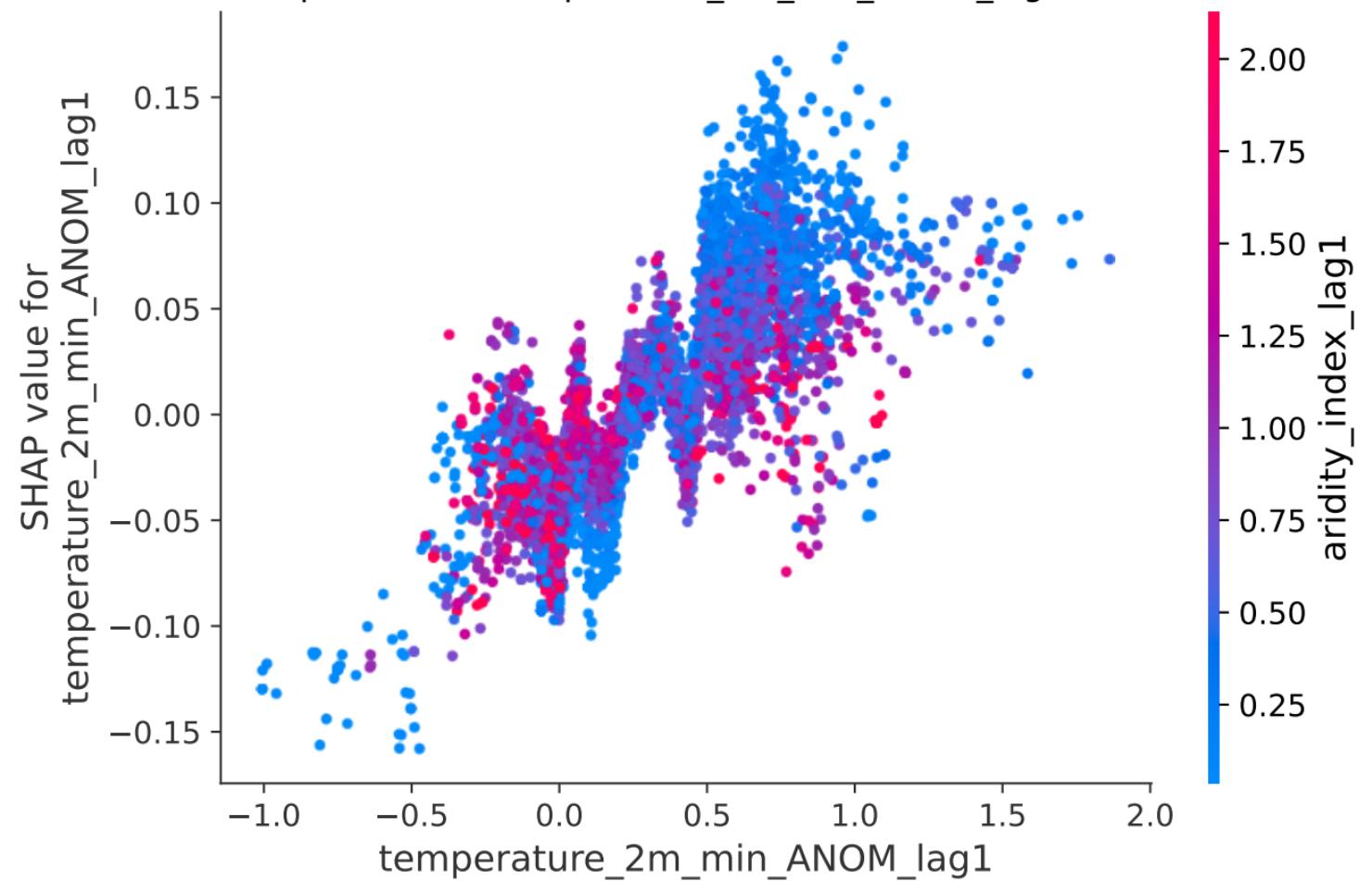
# SHAP Dependence - temperature\_2m\_ANOM\_lag2 - Class 0



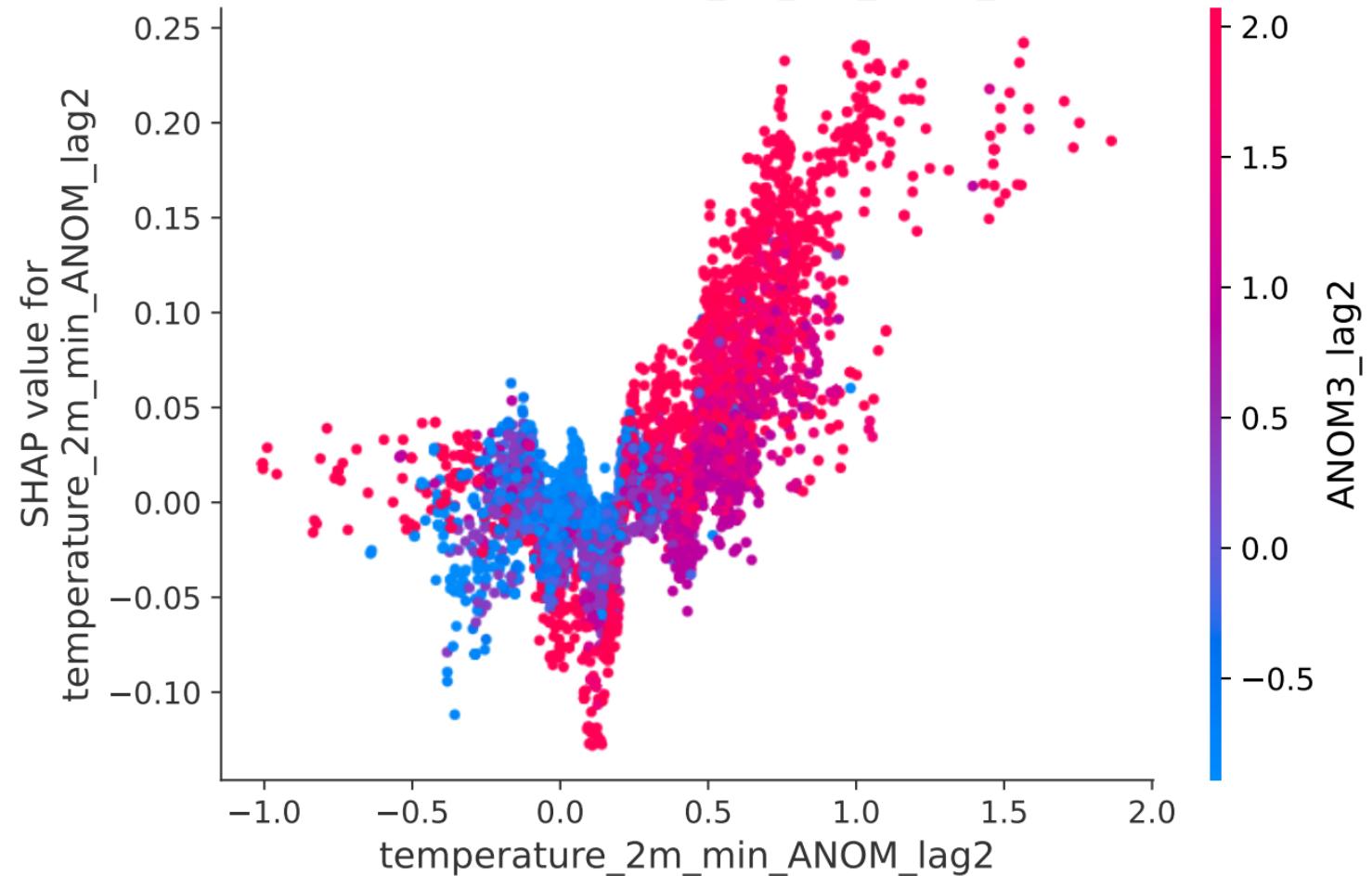
SHAP Dependence - temperature\_2m\_ANOM\_lag3 - Class 0



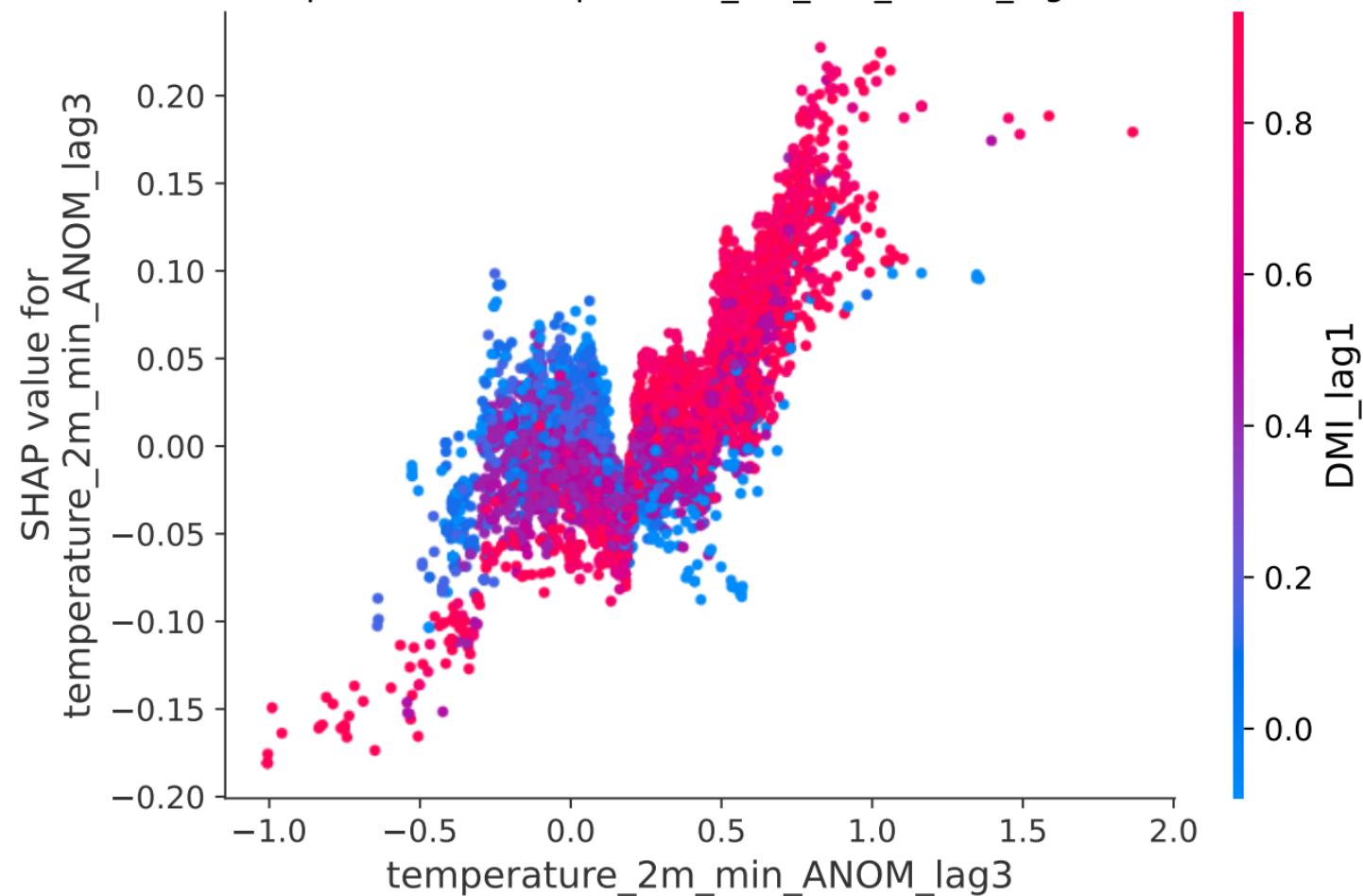
# SHAP Dependence - temperature\_2m\_min\_ANOM\_lag1 - Class 0



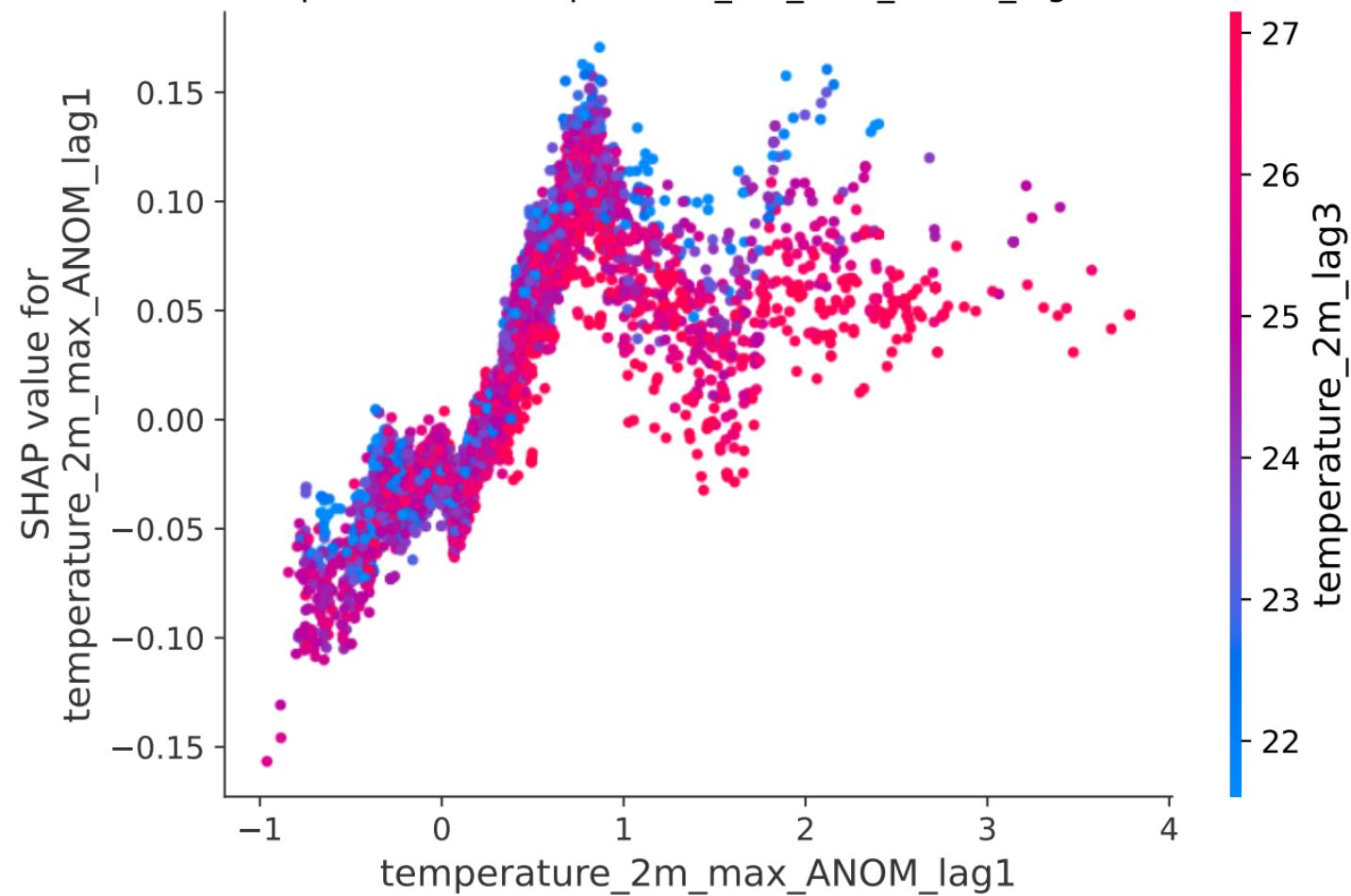
# SHAP Dependence - temperature\_2m\_min\_ANOM\_lag2 - Class 0



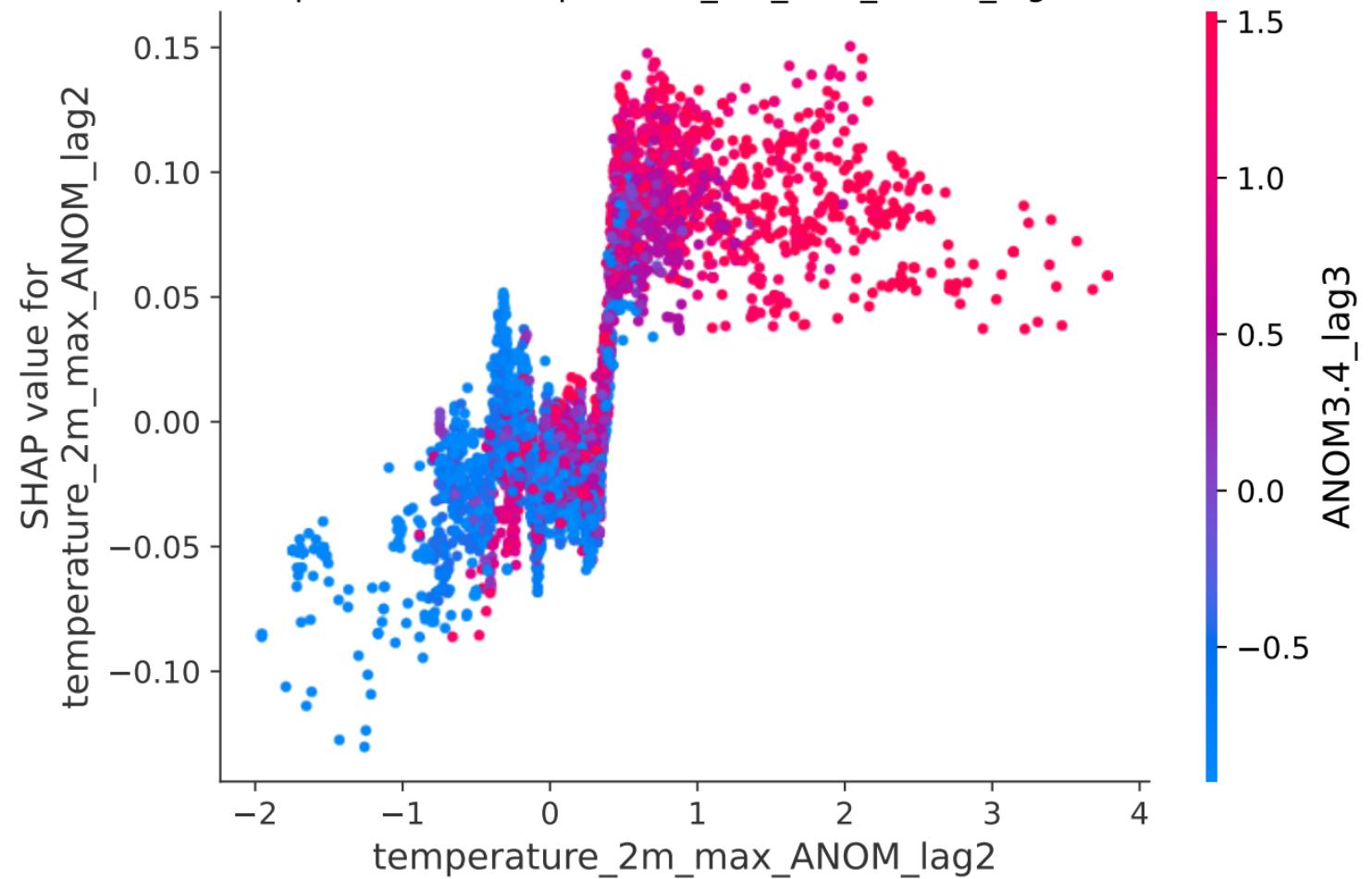
# SHAP Dependence - temperature\_2m\_min\_ANOM\_lag3 - Class 0



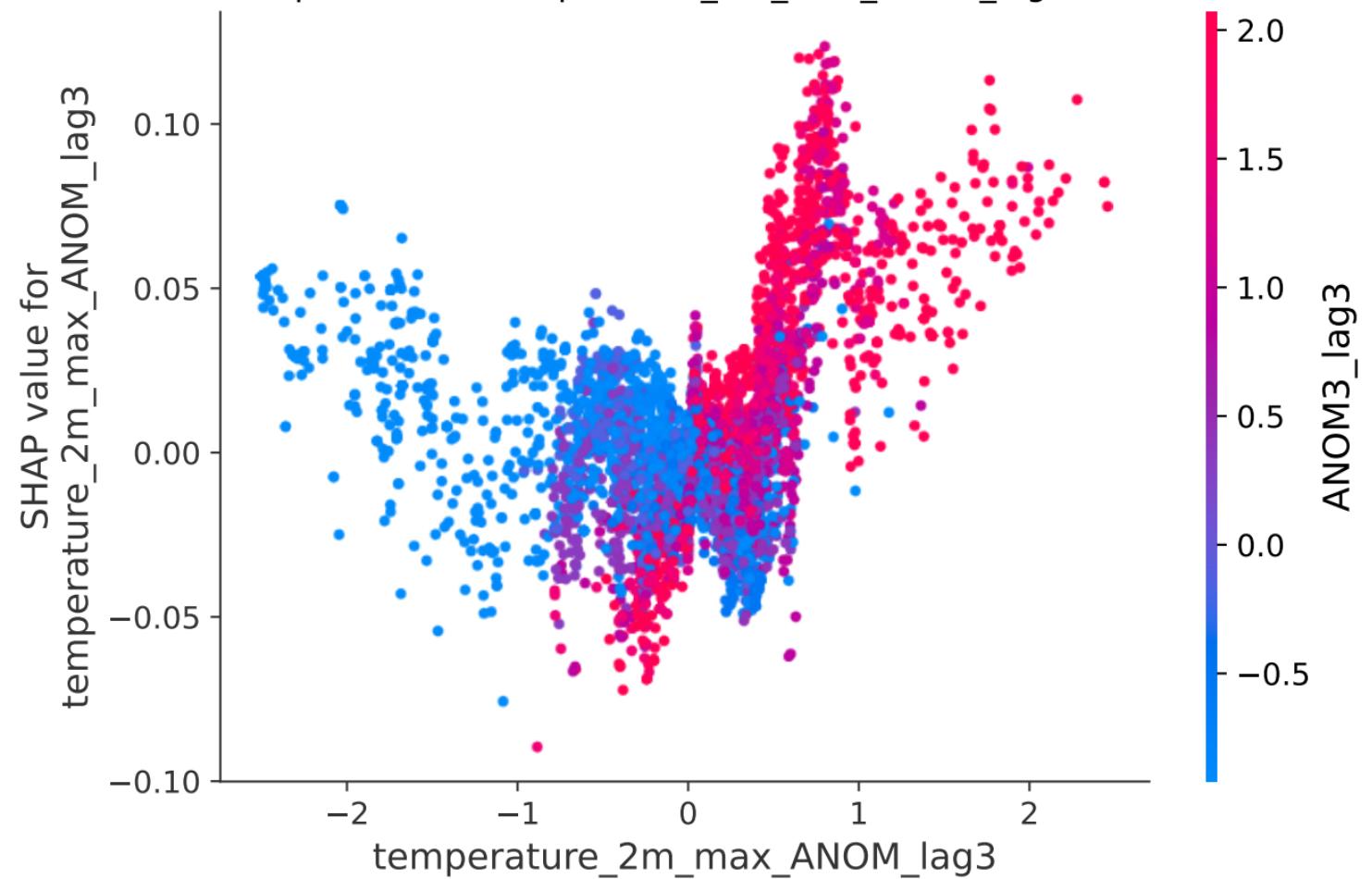
# SHAP Dependence - temperature\_2m\_max\_ANOM\_lag1 - Class 0



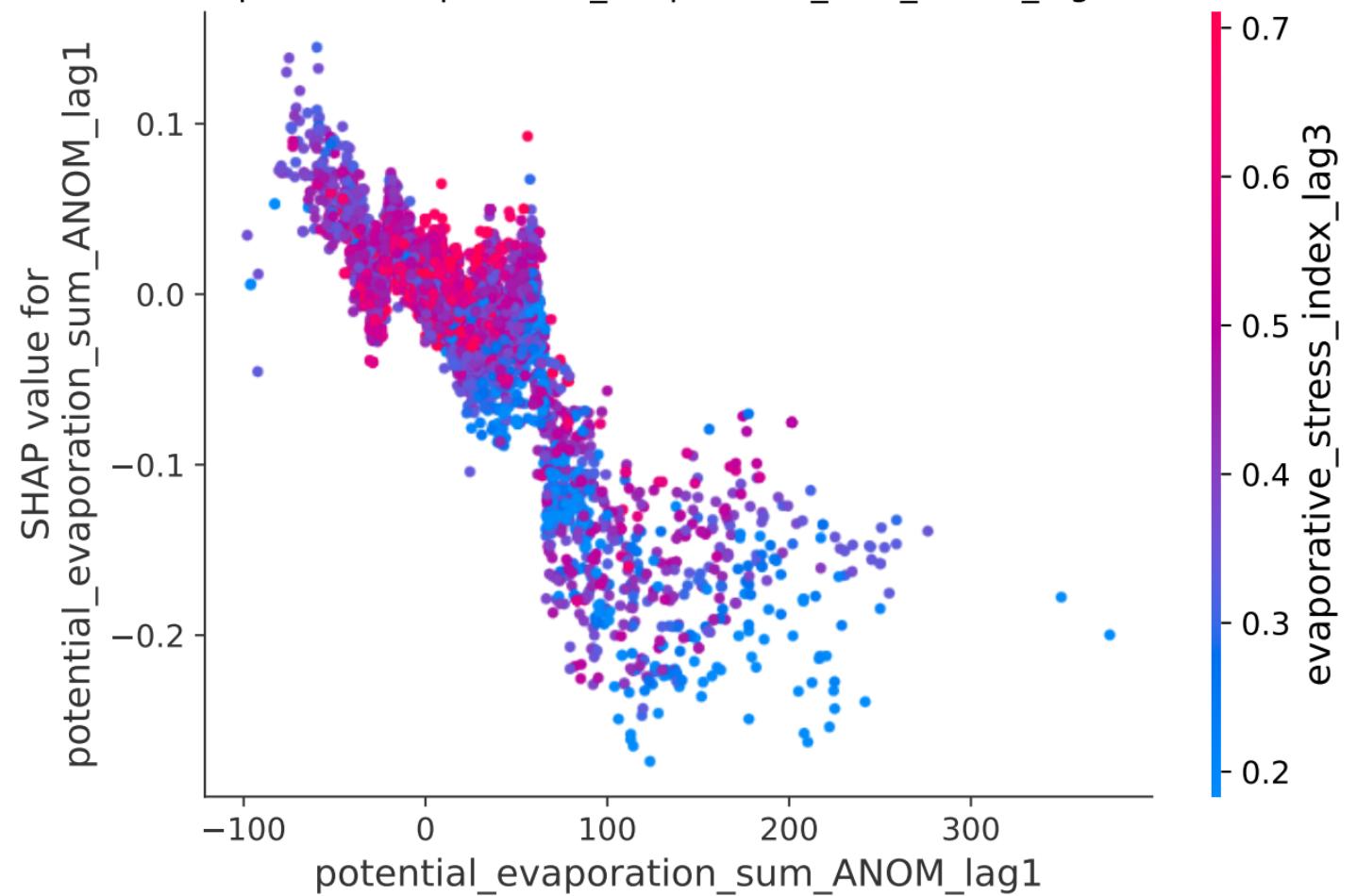
# SHAP Dependence - temperature\_2m\_max\_ANOM\_lag2 - Class 0



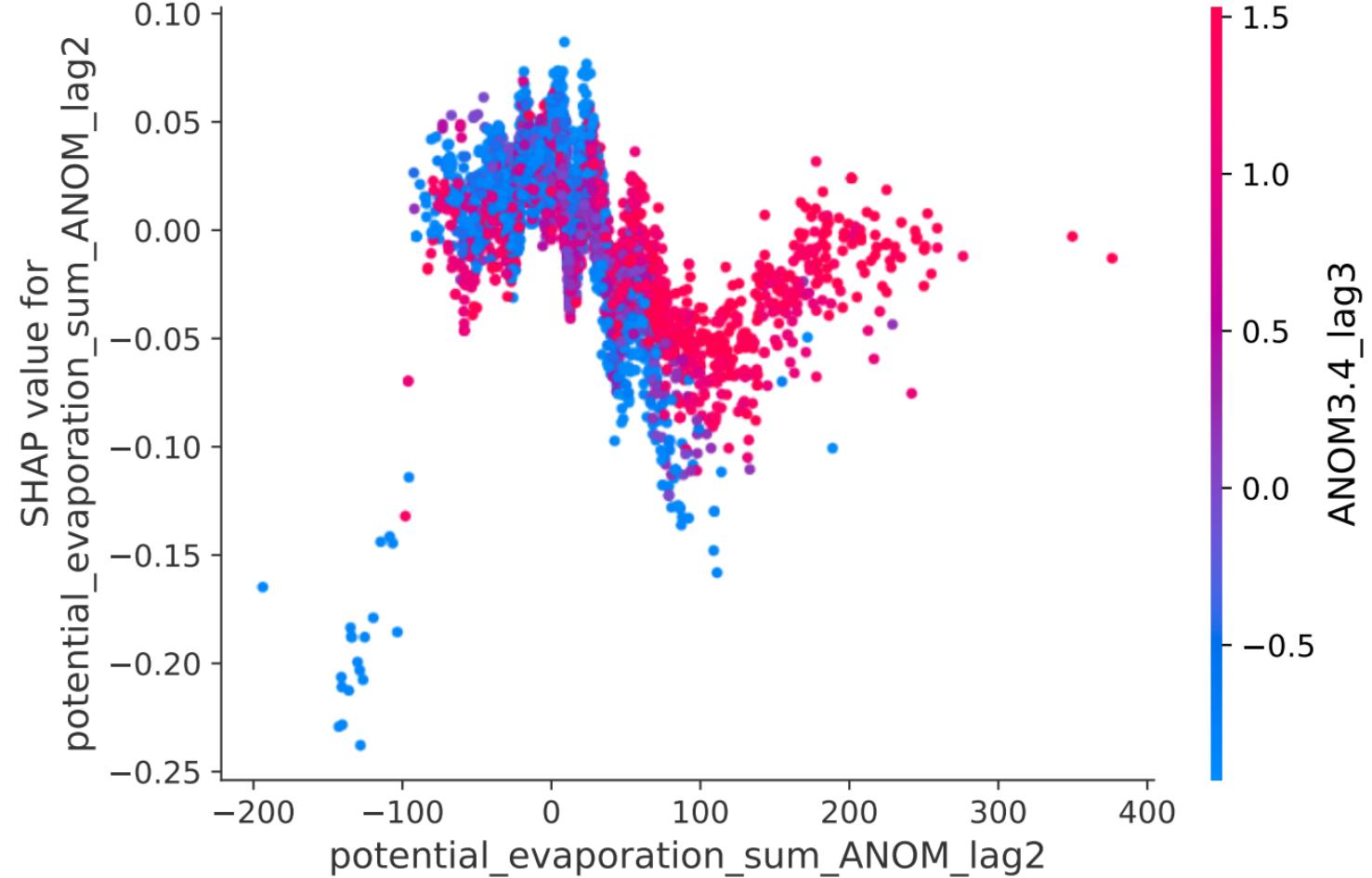
# SHAP Dependence - temperature\_2m\_max\_ANOM\_lag3 - Class 0



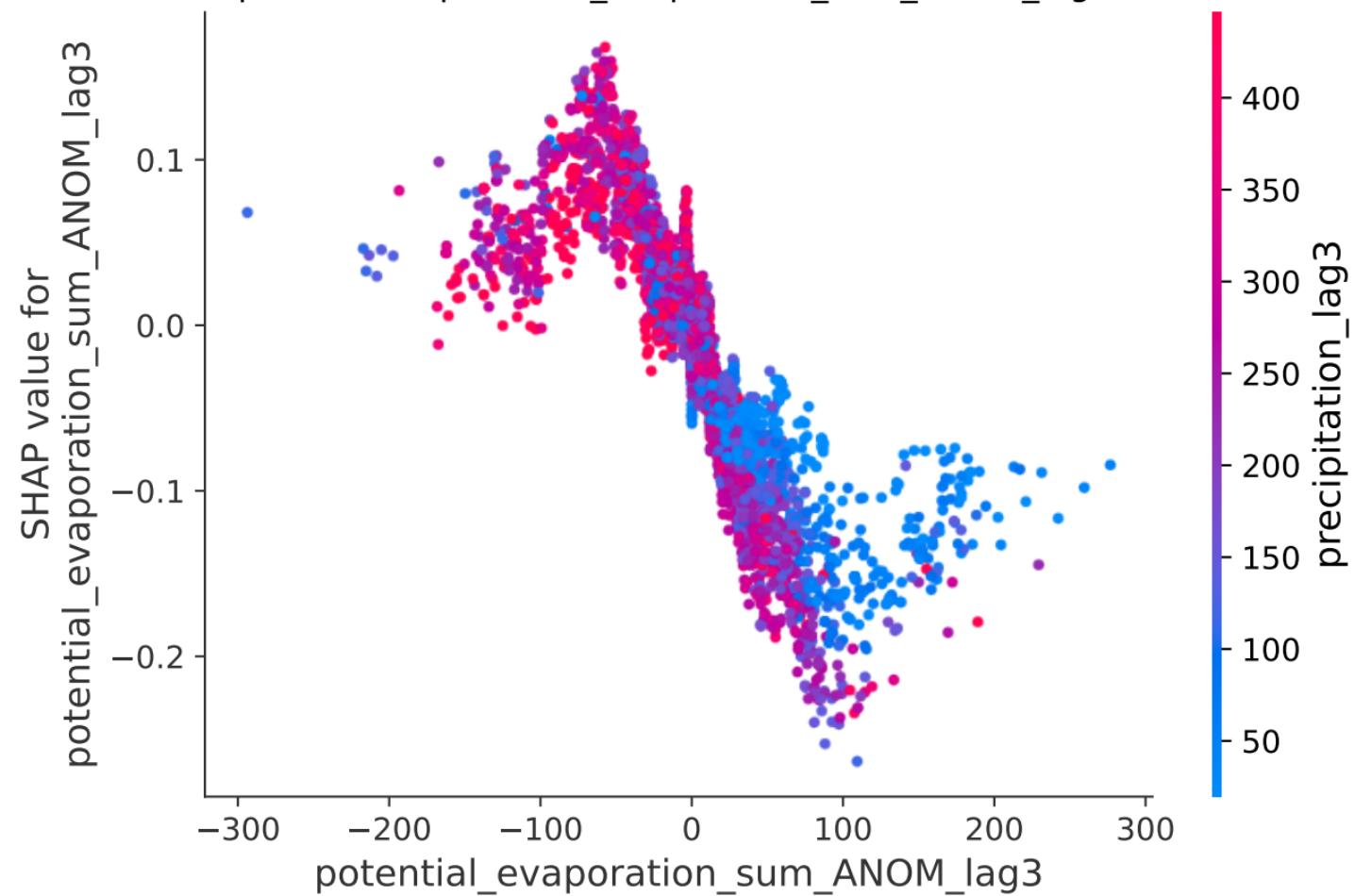
# SHAP Dependence - potential\_evaporation\_sum\_ANOM\_lag1 - Class 0



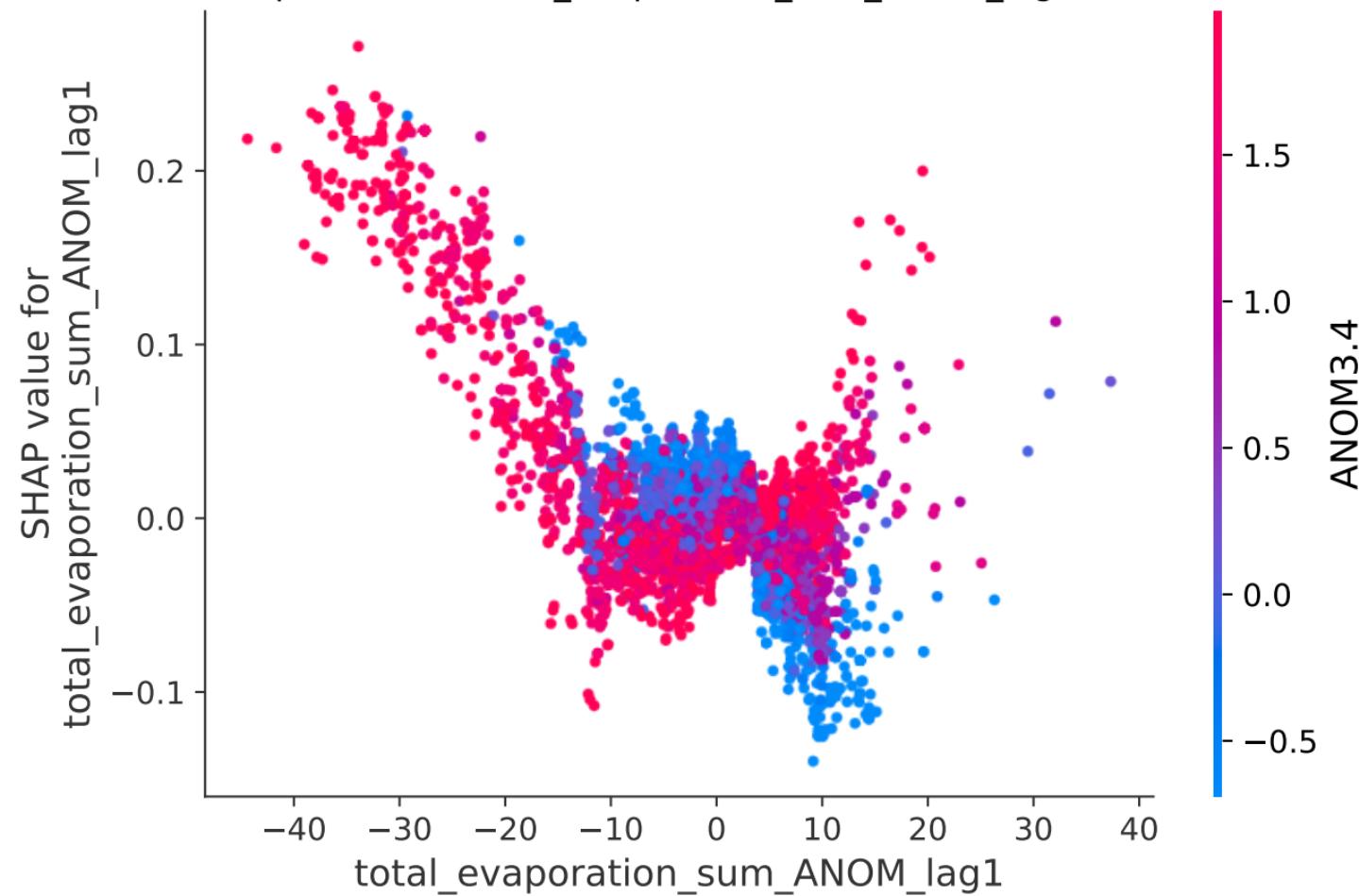
# SHAP Dependence - potential\_evaporation\_sum\_ANOM\_lag2 - Class 0



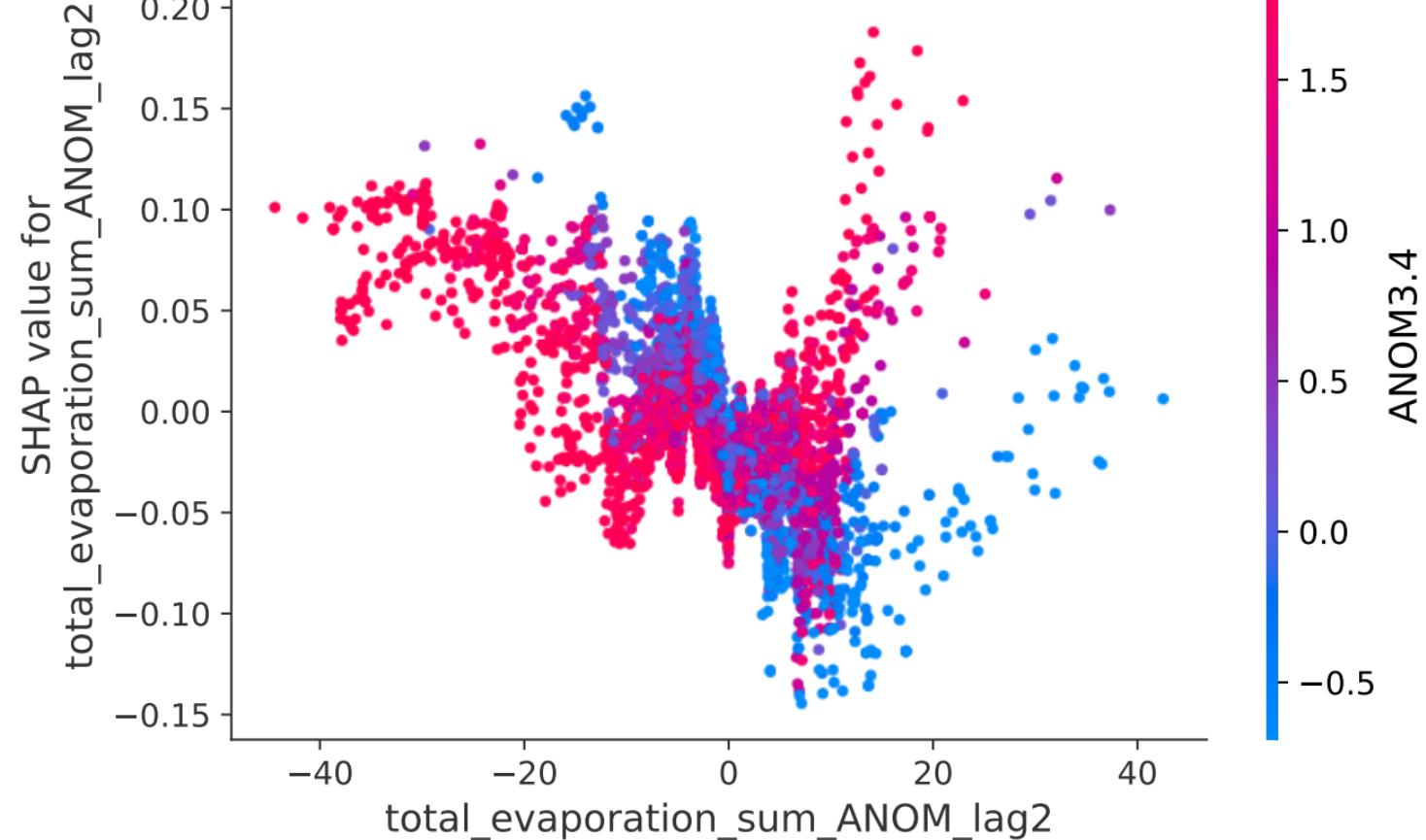
# SHAP Dependence - potential\_evaporation\_sum\_ANOM\_lag3 - Class 0



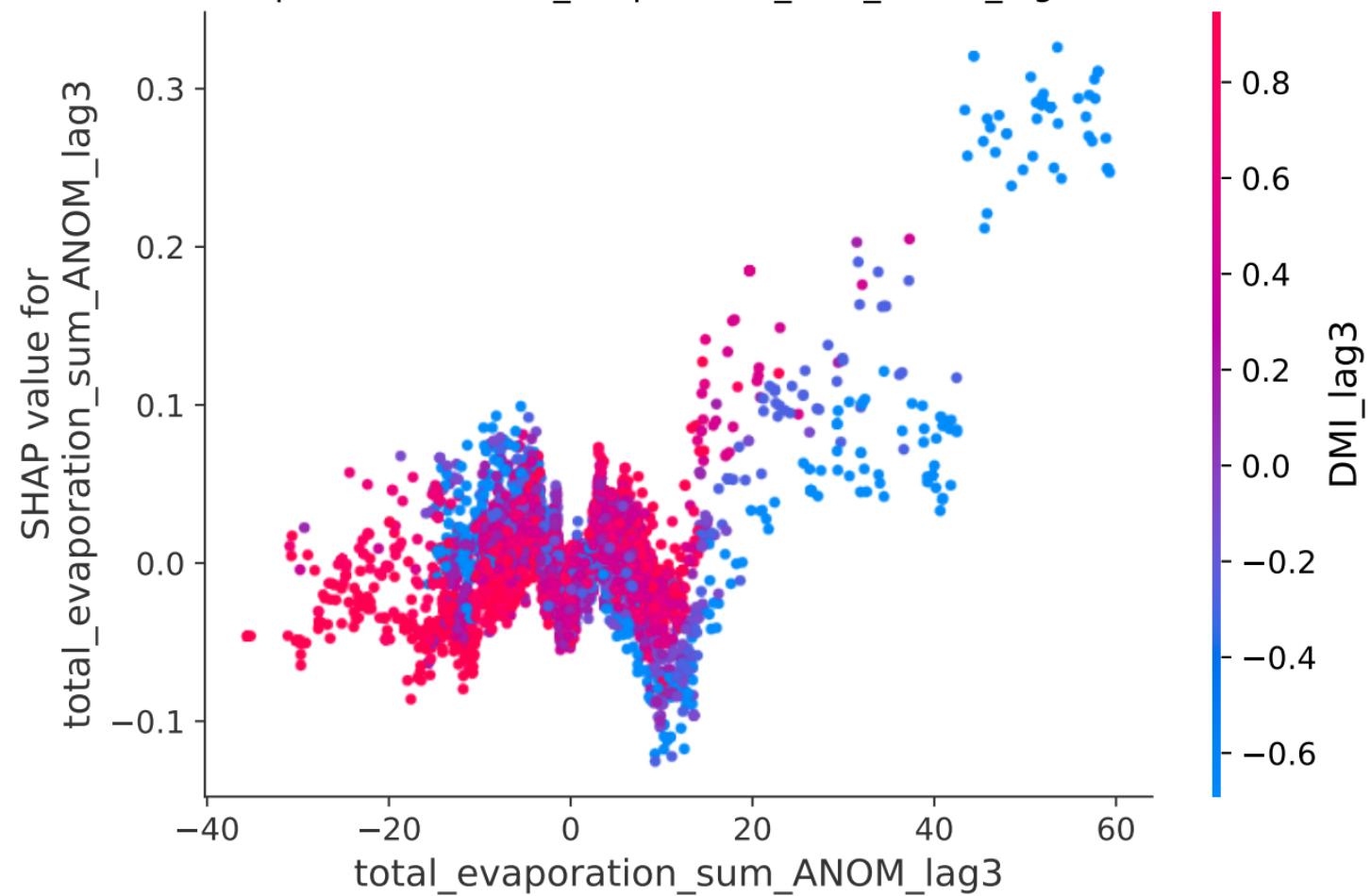
# SHAP Dependence - total\_evaporation\_sum\_ANOM\_lag1 - Class 0



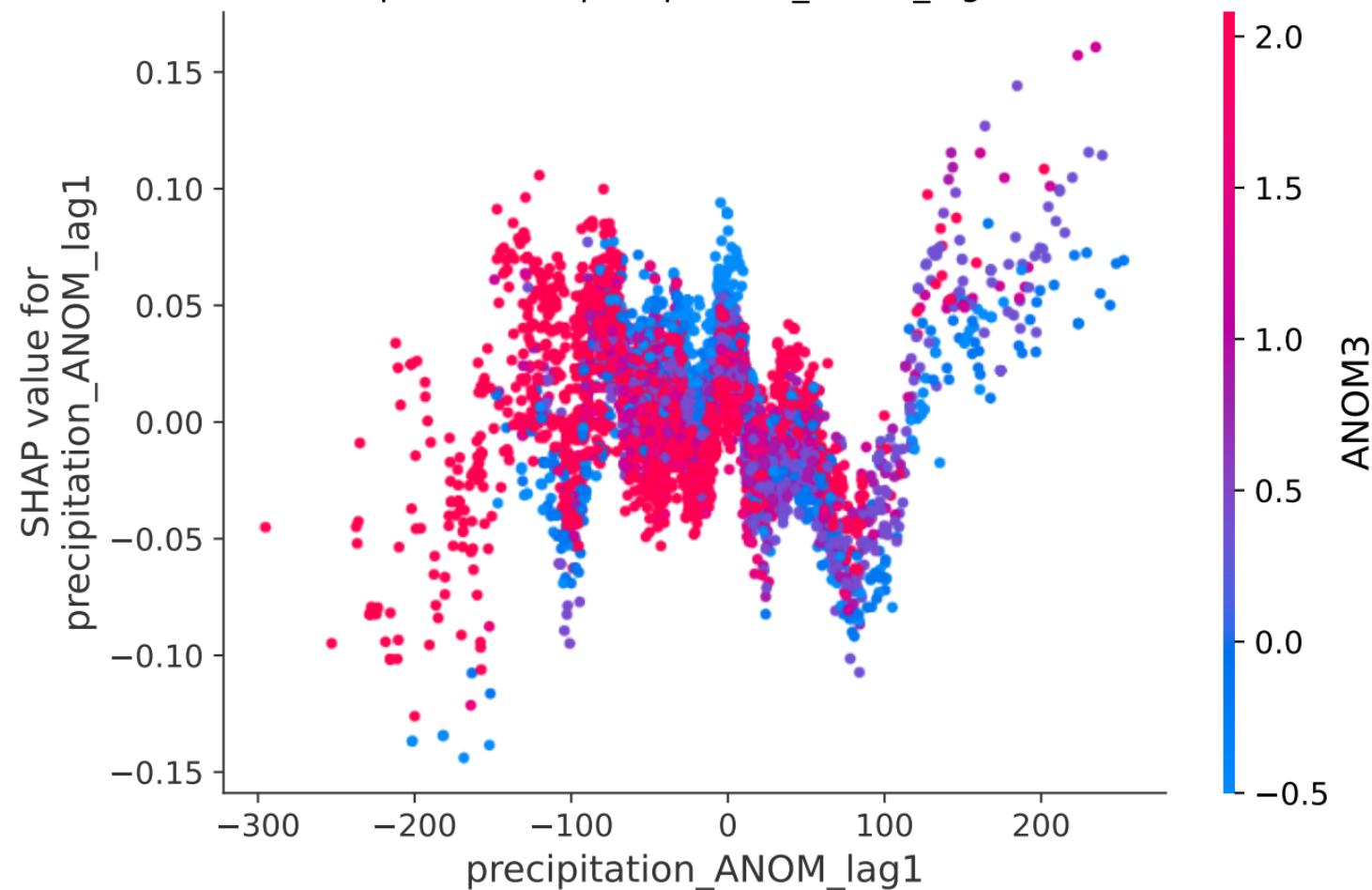
# SHAP Dependence - total\_evaporation\_sum\_ANOM\_lag2 - Class 0



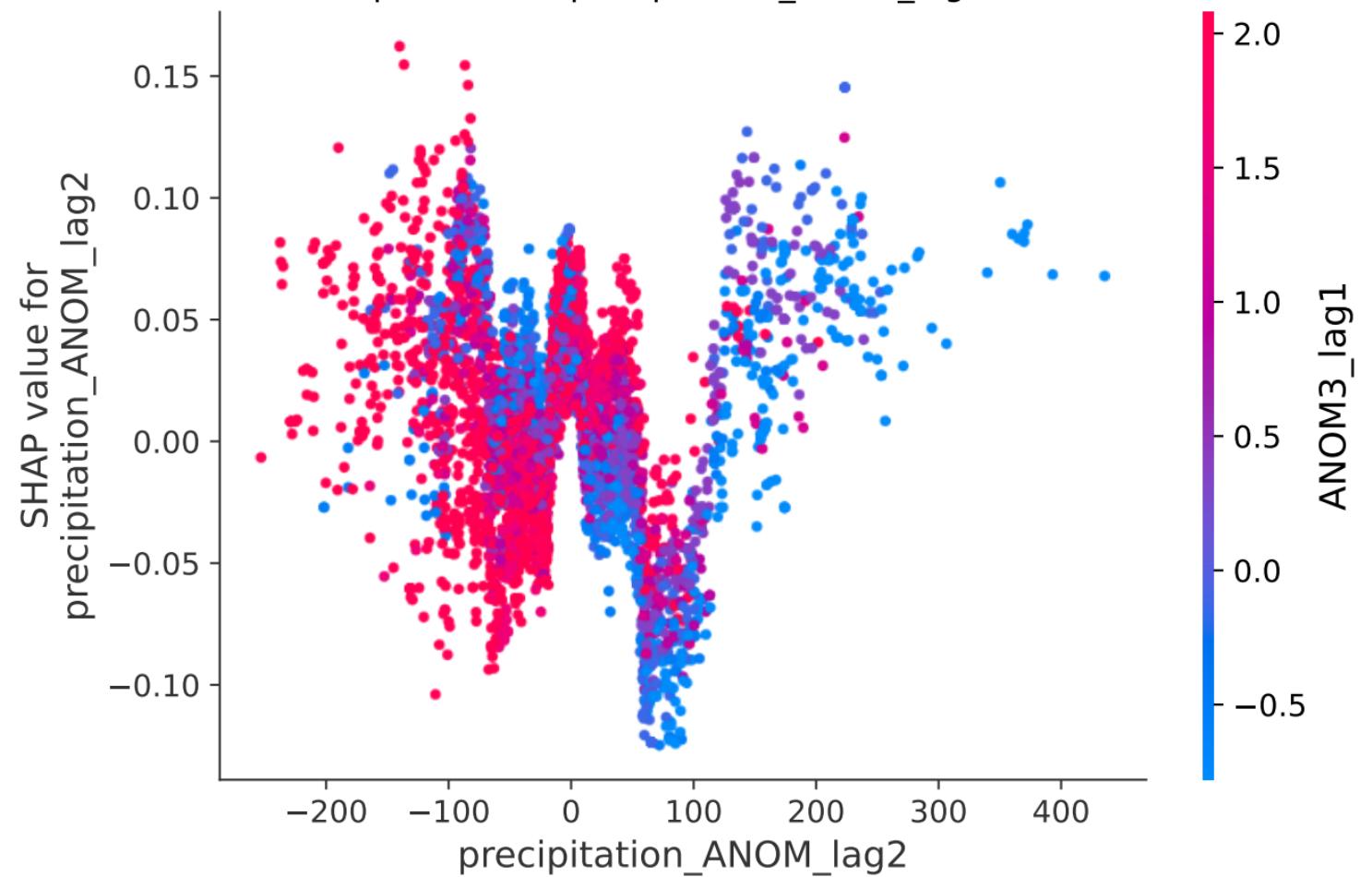
# SHAP Dependence - total\_evaporation\_sum\_ANOM\_lag3 - Class 0



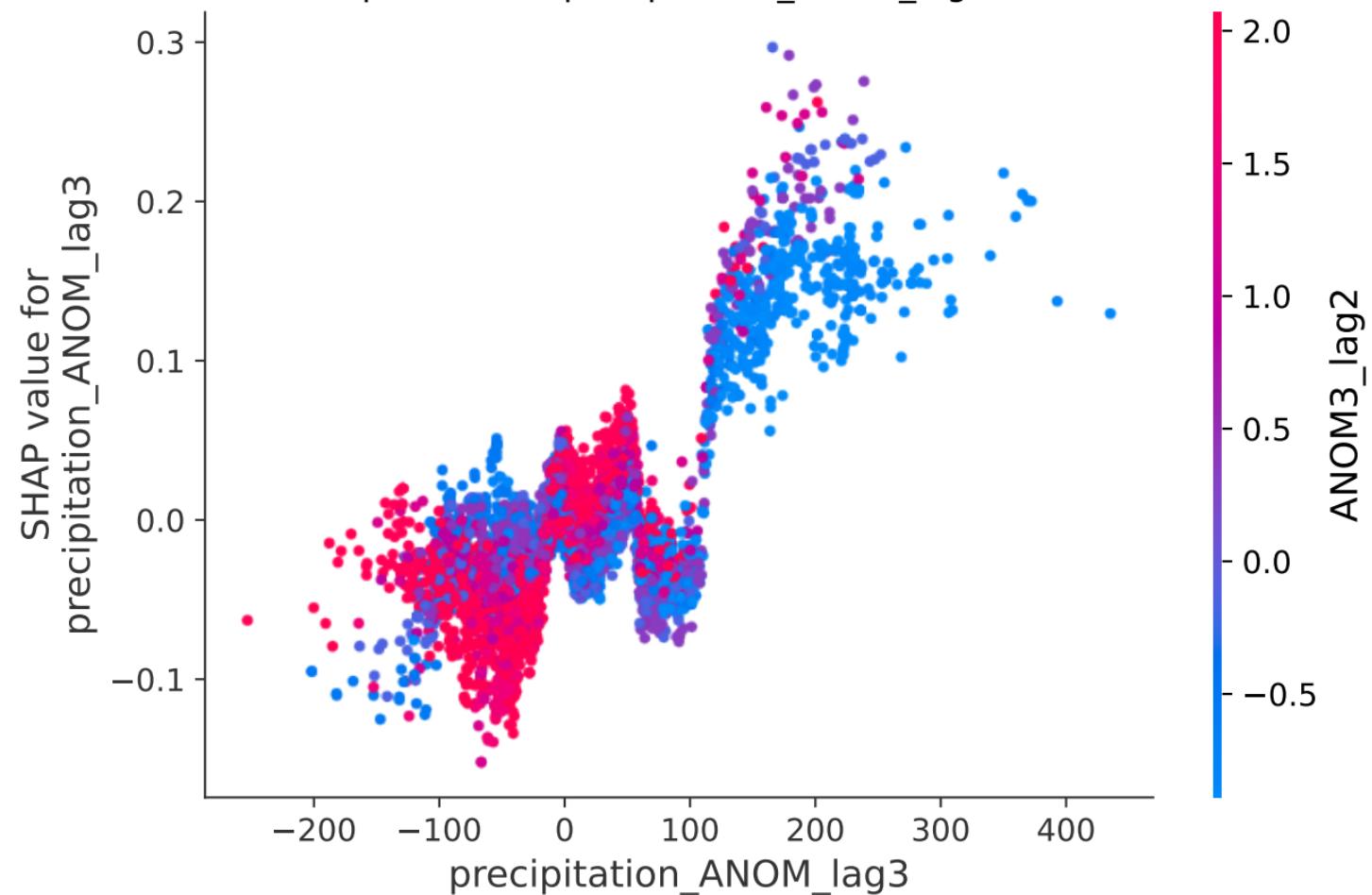
# SHAP Dependence - precipitation\_ANOM\_lag1 - Class 0



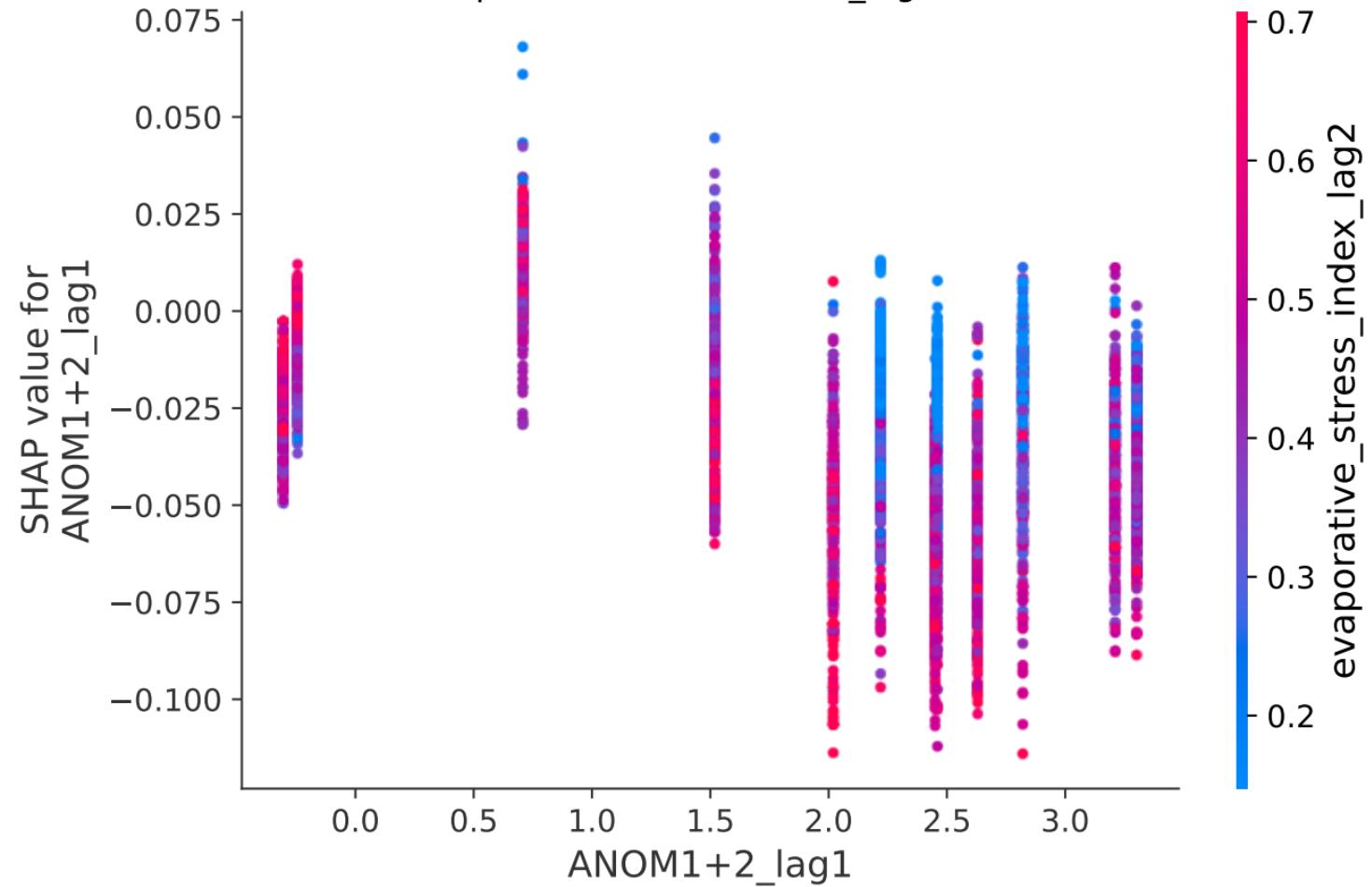
# SHAP Dependence - precipitation\_ANOM\_lag2 - Class 0



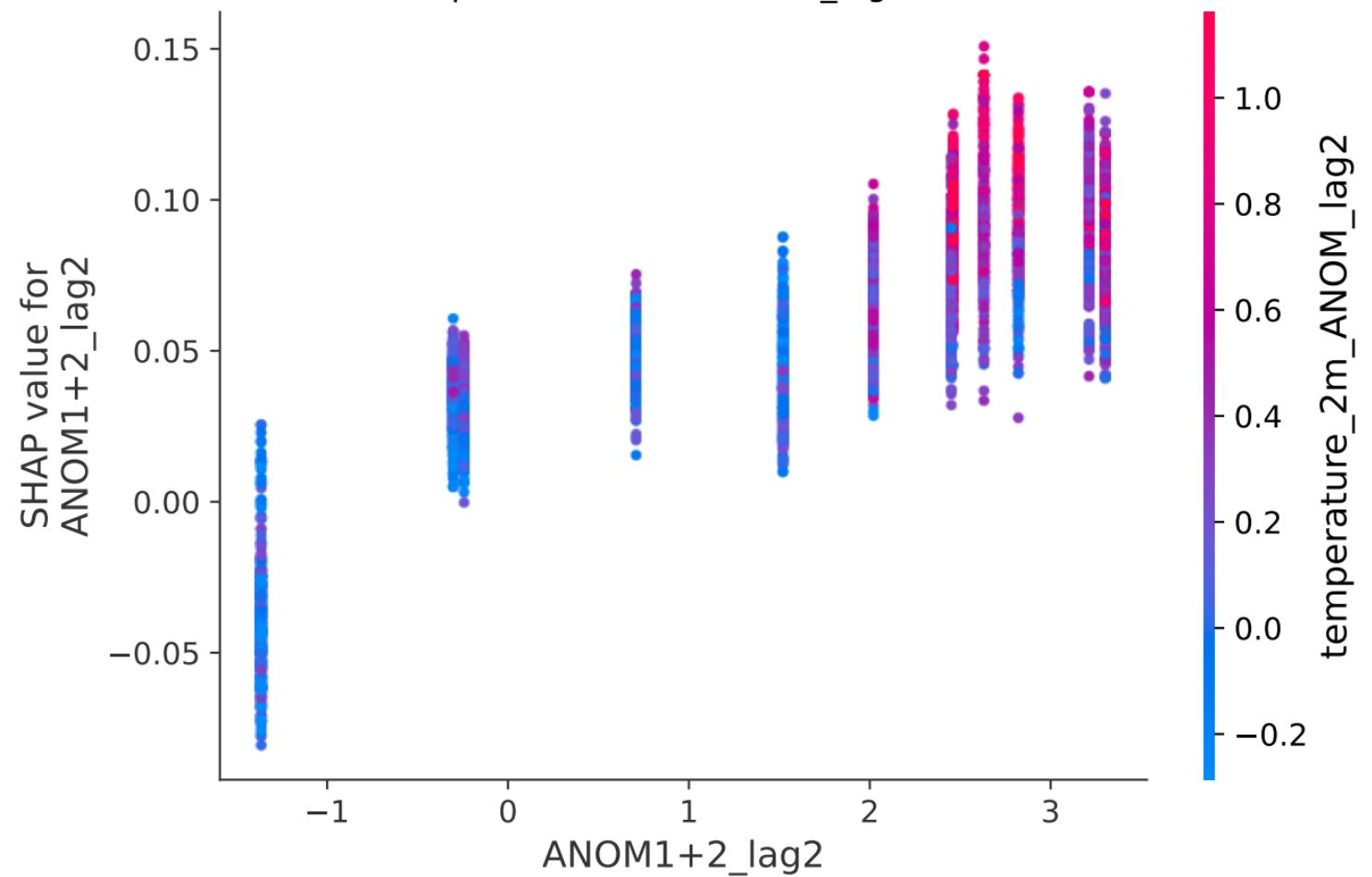
# SHAP Dependence - precipitation\_ANOM\_lag3 - Class 0



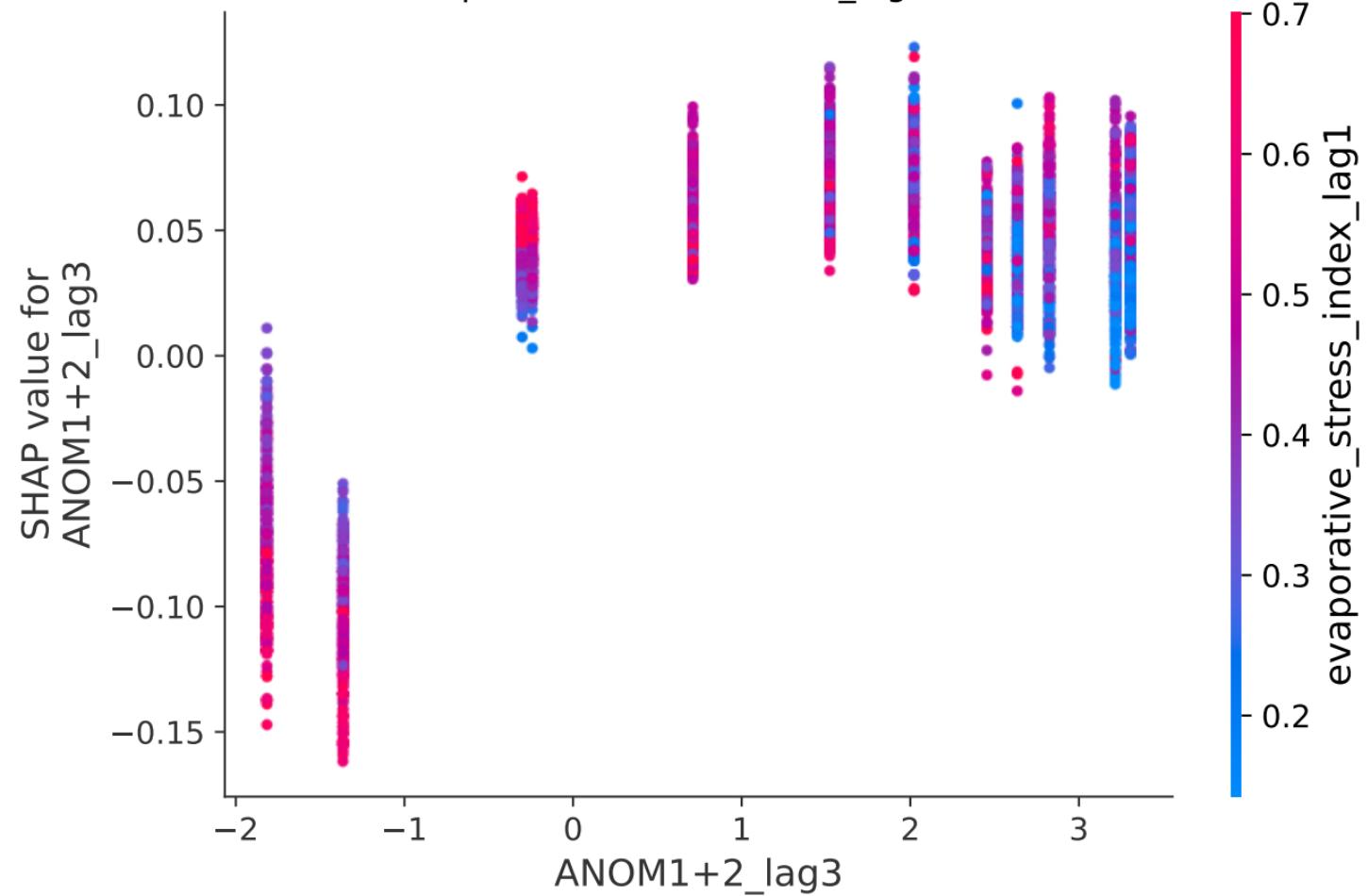
# SHAP Dependence - ANOM1+2\_lag1 - Class 0



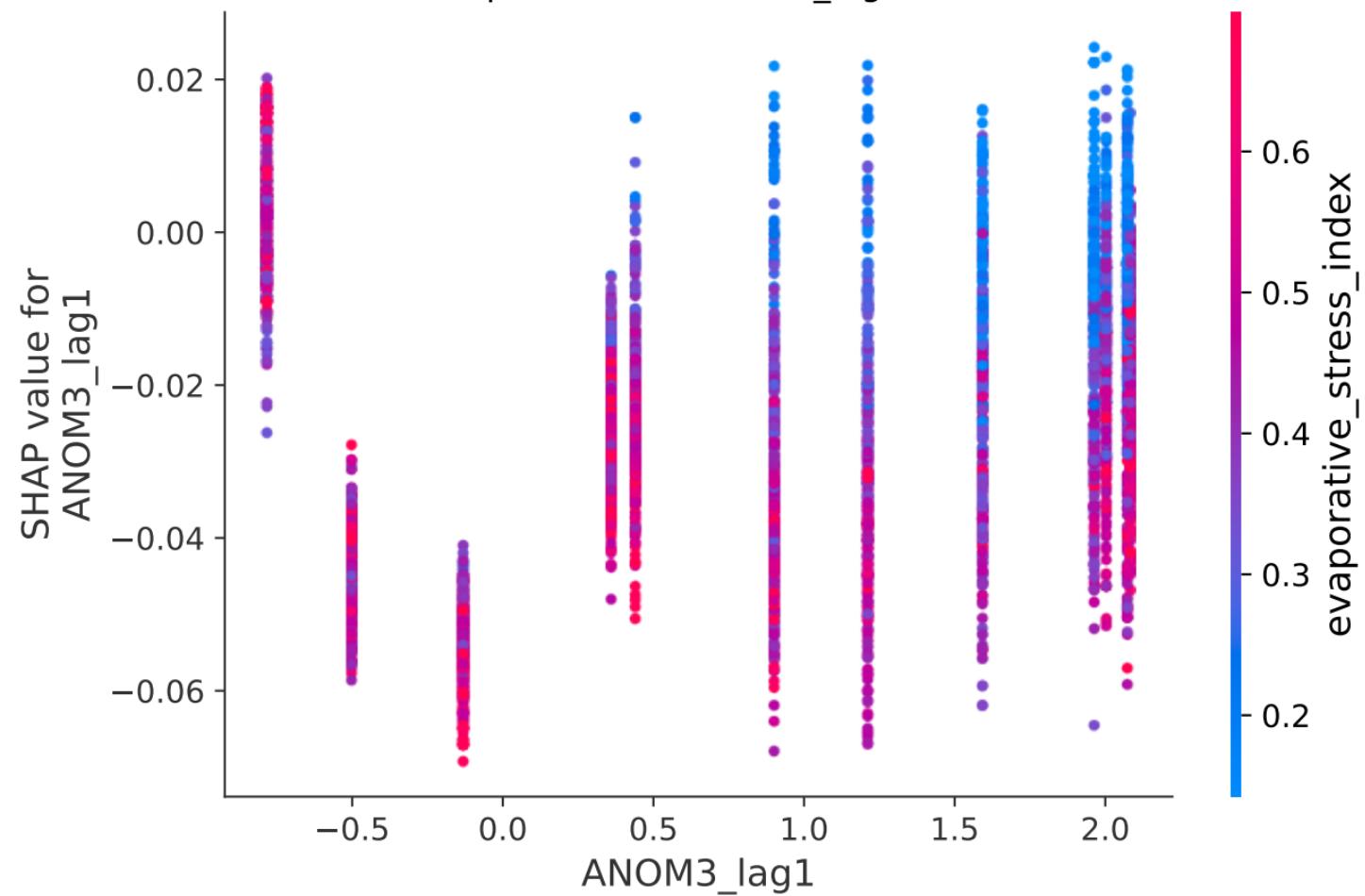
# SHAP Dependence - ANOM1+2\_lag2 - Class 0



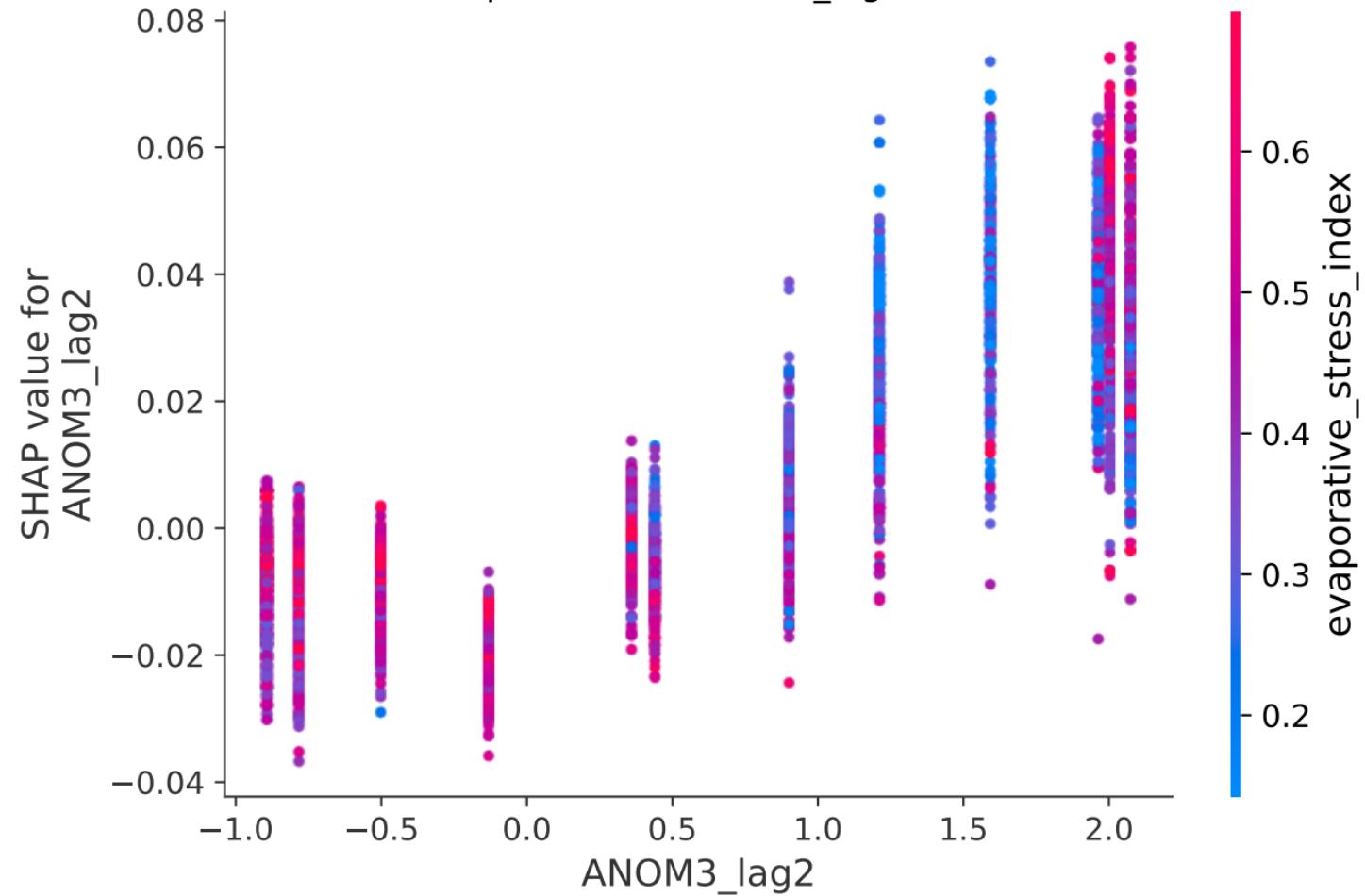
# SHAP Dependence - ANOM1+2\_lag3 - Class 0



# SHAP Dependence - ANOM3\_lag1 - Class 0

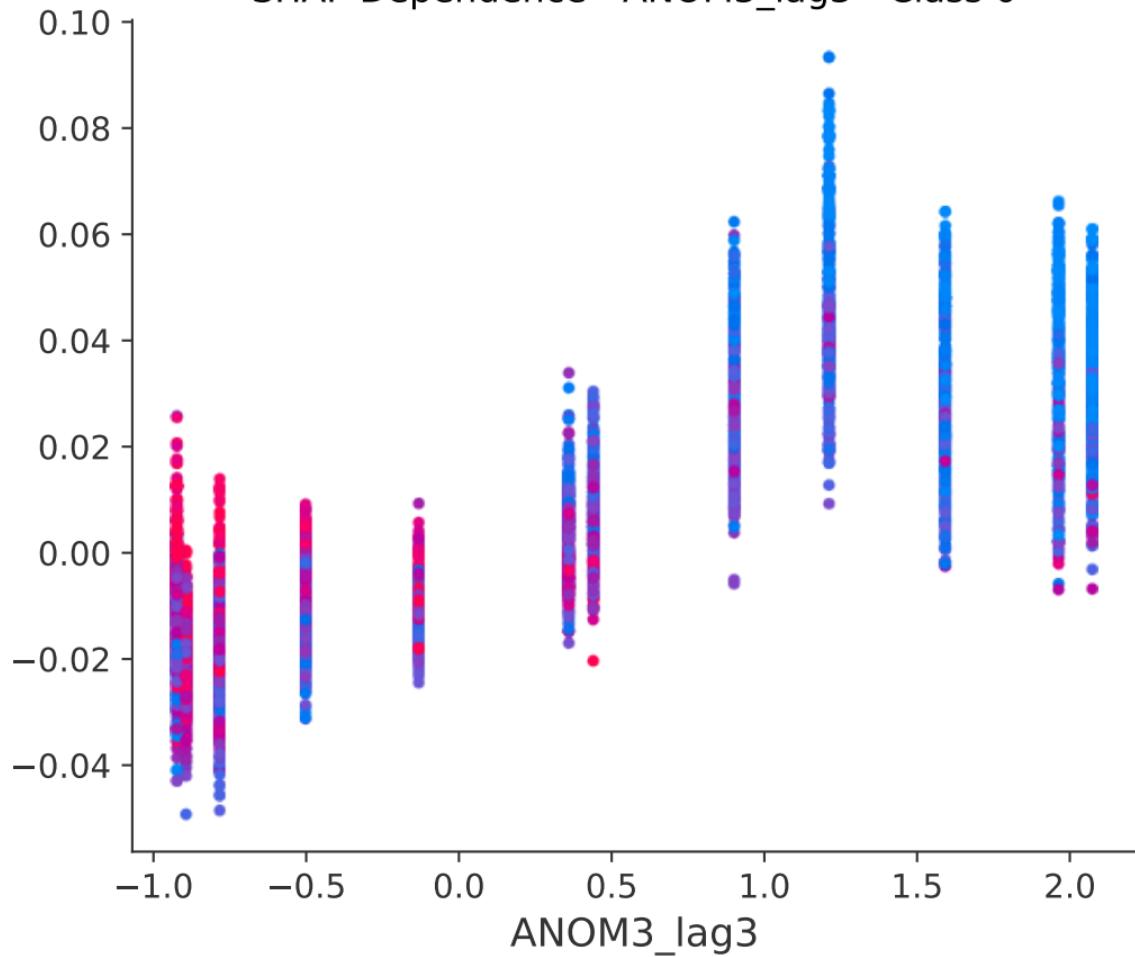


# SHAP Dependence - ANOM3\_lag2 - Class 0

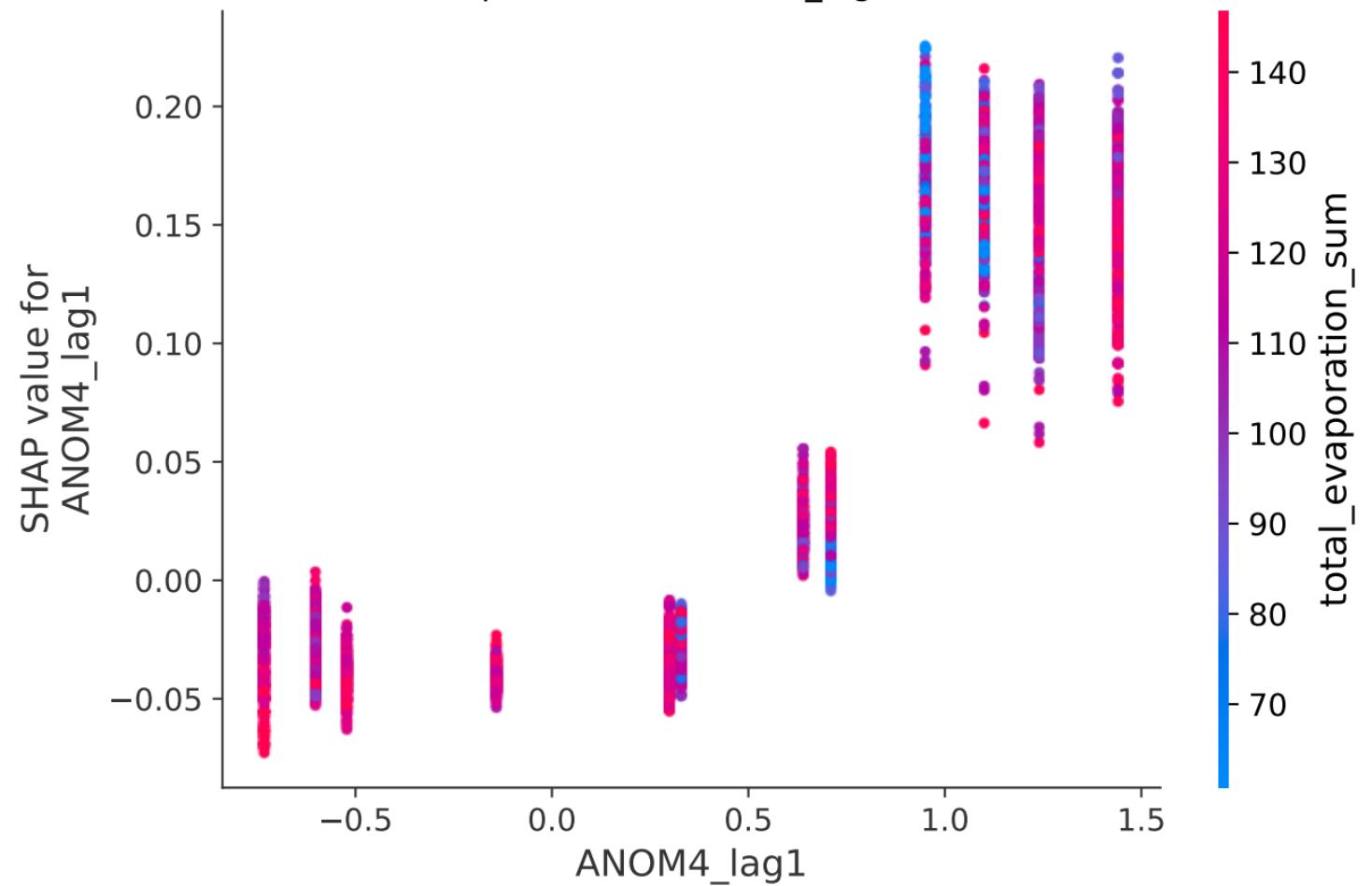


# SHAP Dependence - ANOM3\_lag3 - Class 0

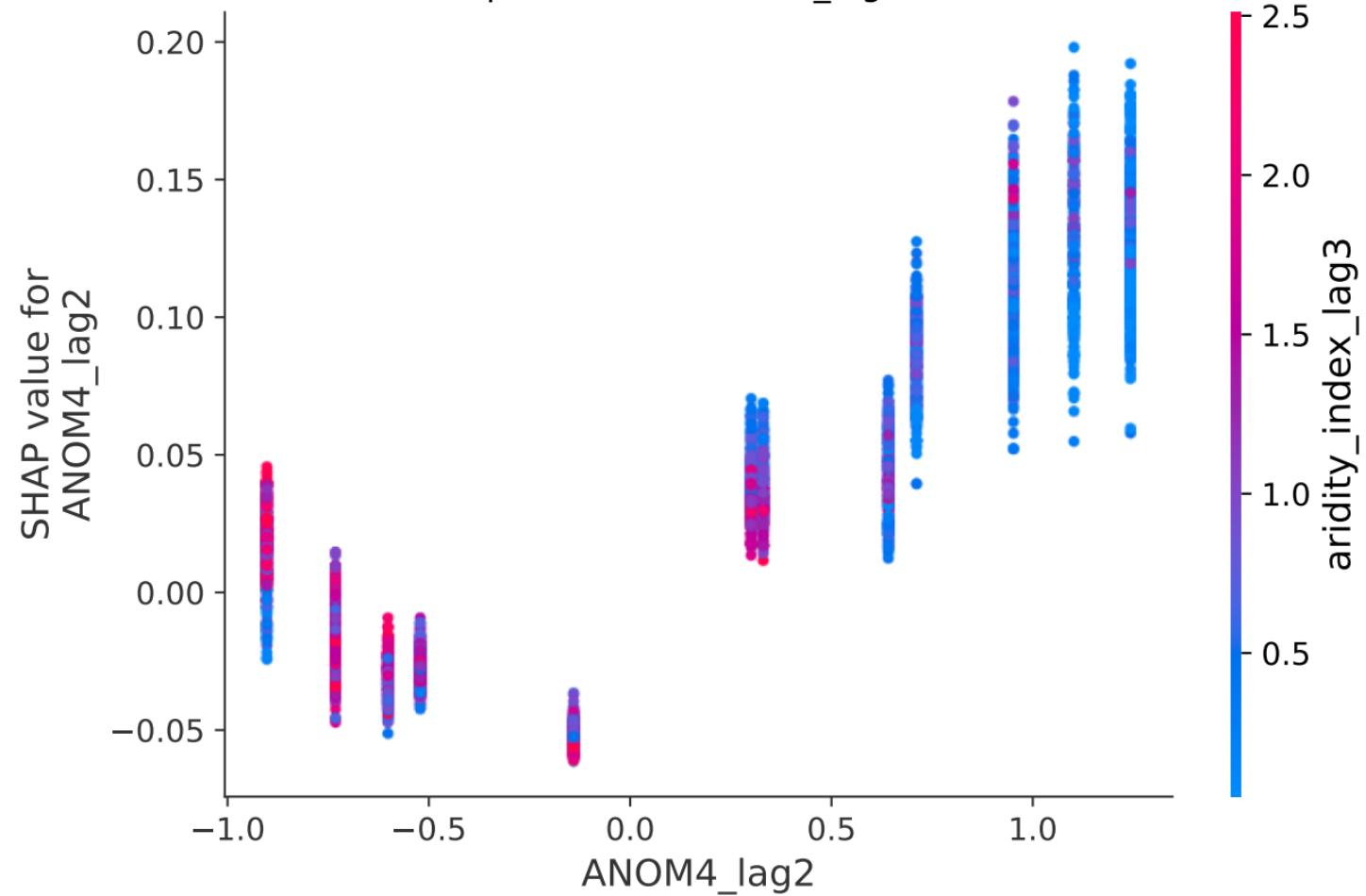
SHAP value for  
ANOM3\_lag3



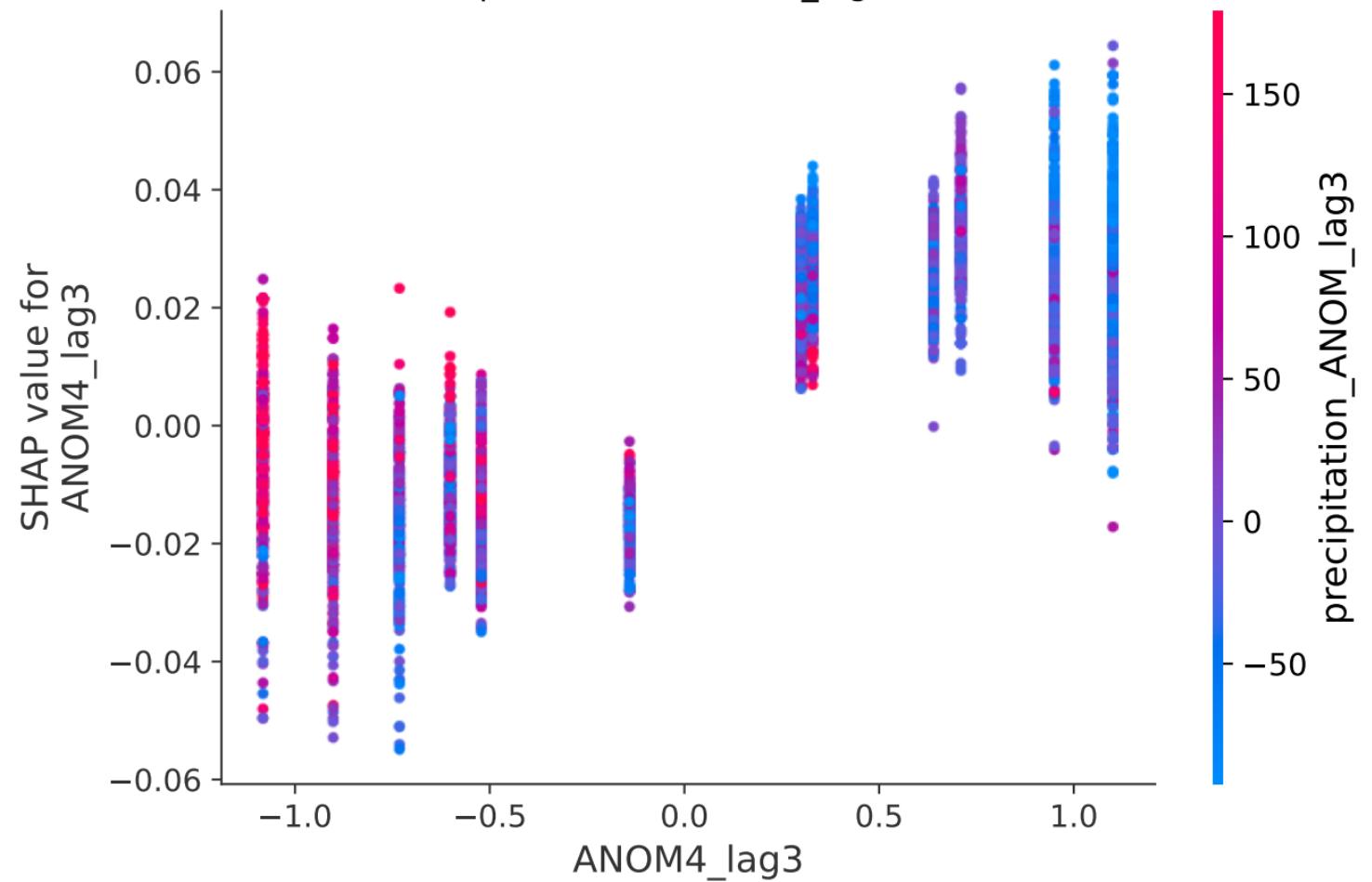
# SHAP Dependence - ANOM4\_lag1 - Class 0



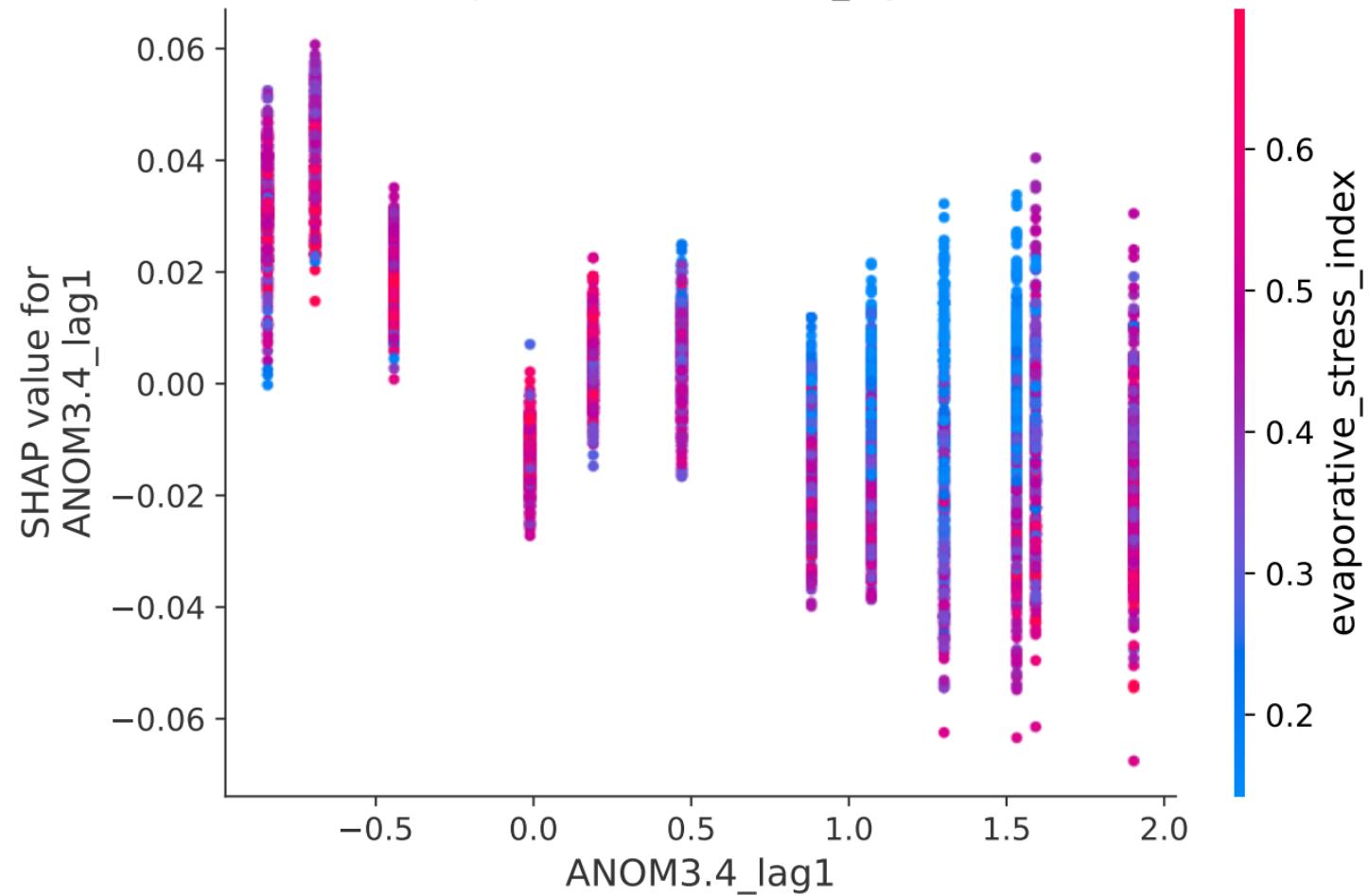
# SHAP Dependence - ANOM4\_lag2 - Class 0



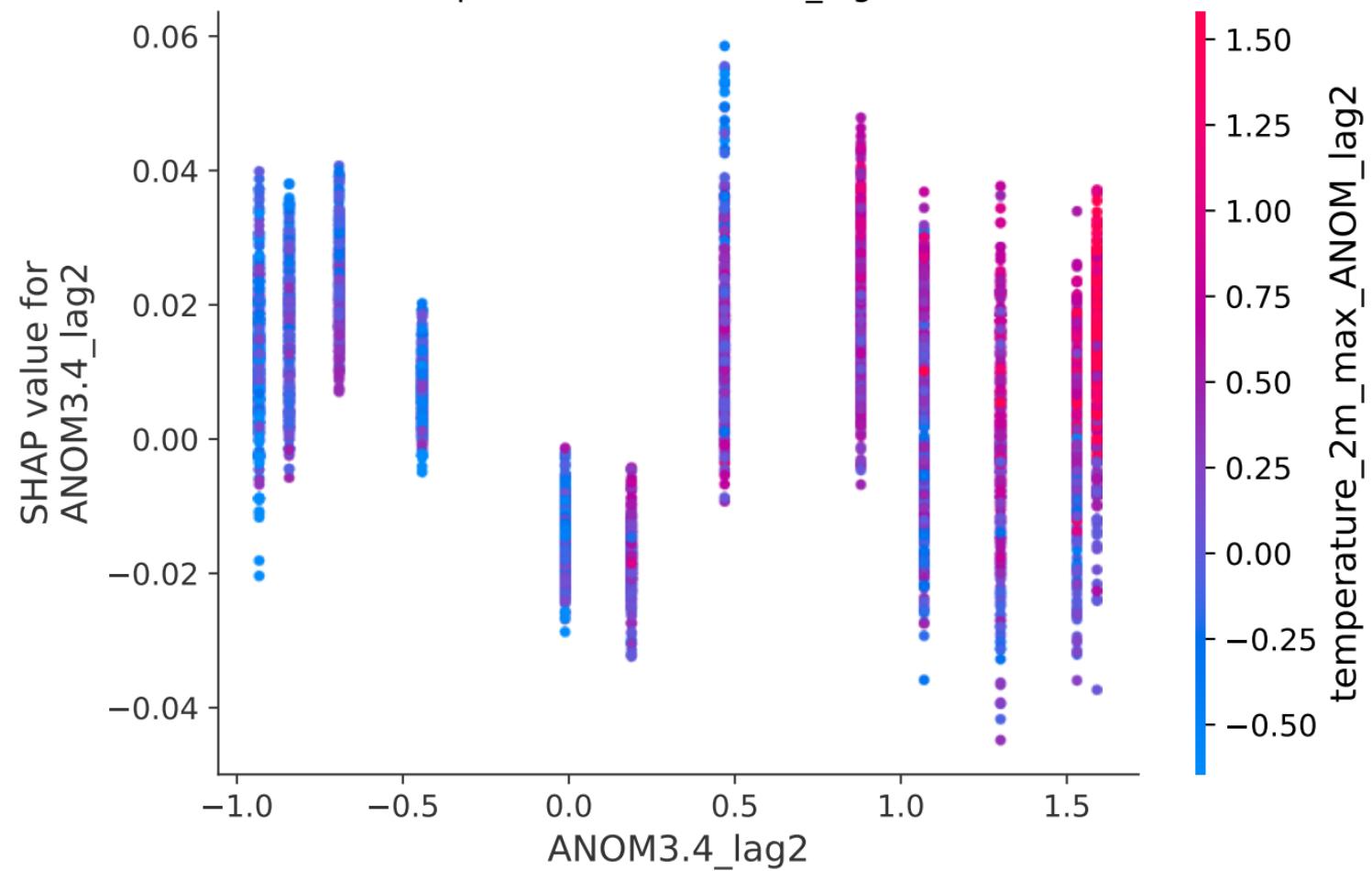
# SHAP Dependence - ANOM4\_lag3 - Class 0



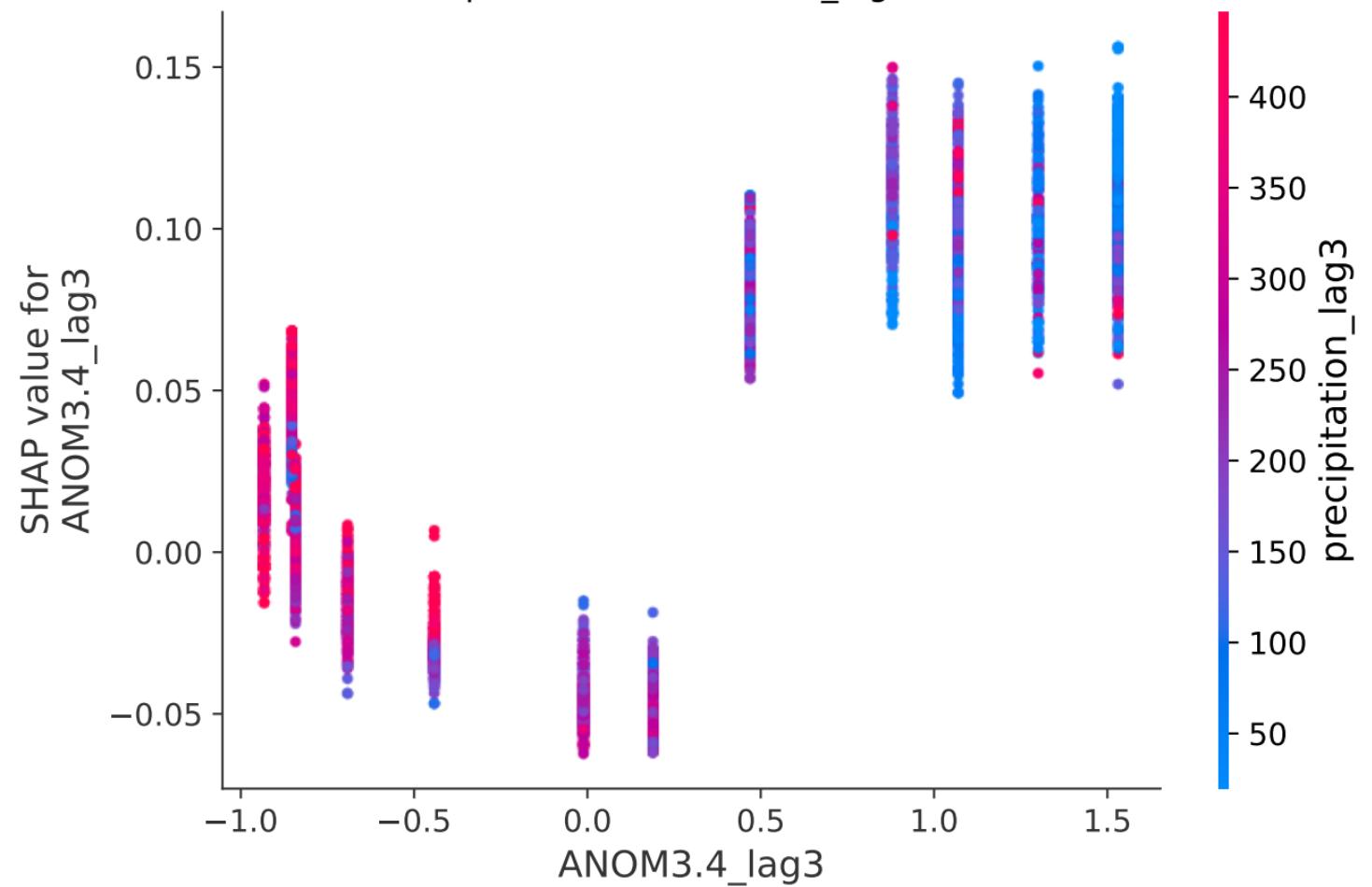
# SHAP Dependence - ANOM3.4\_lag1 - Class 0



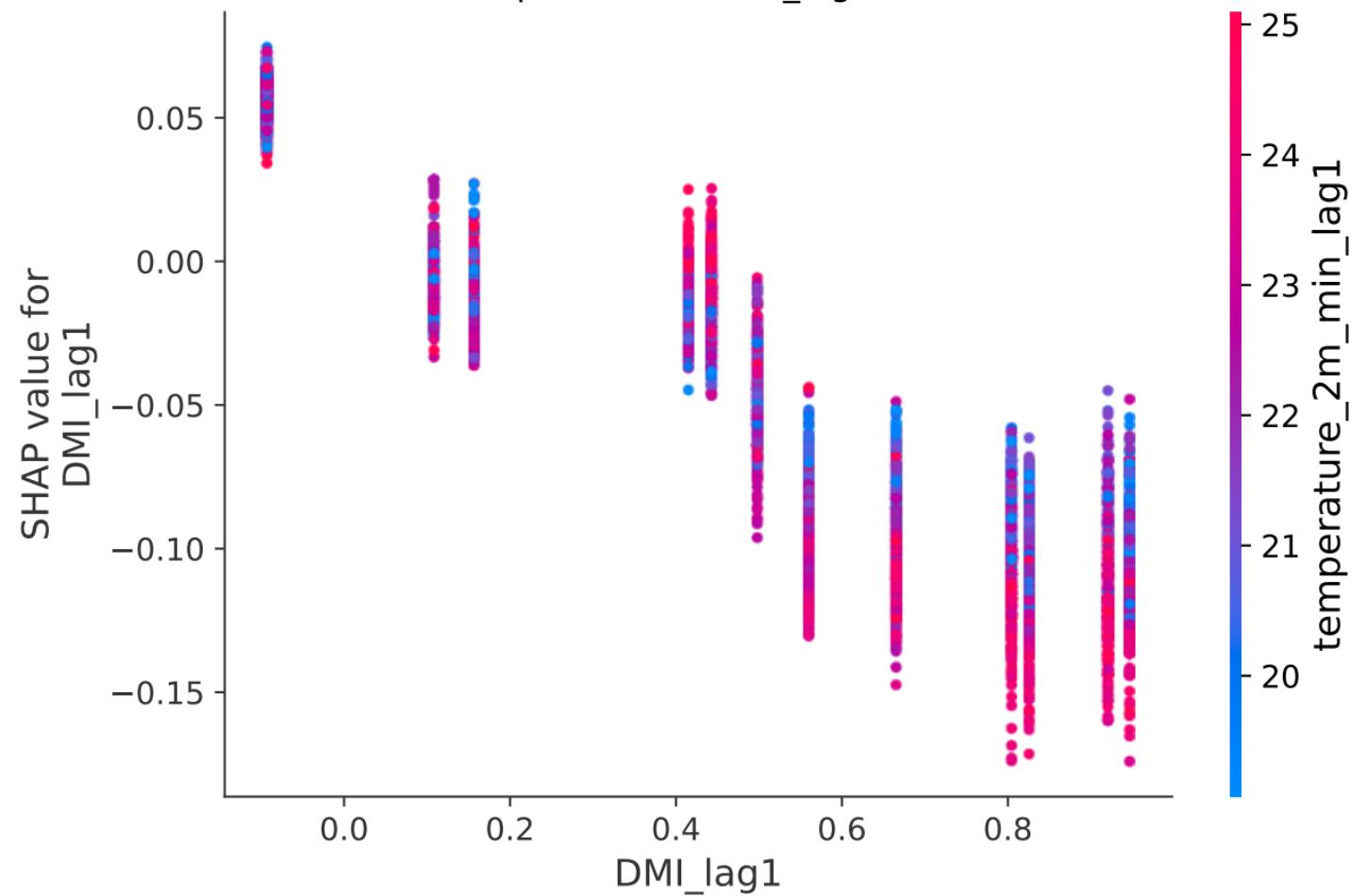
# SHAP Dependence - ANOM3.4\_lag2 - Class 0



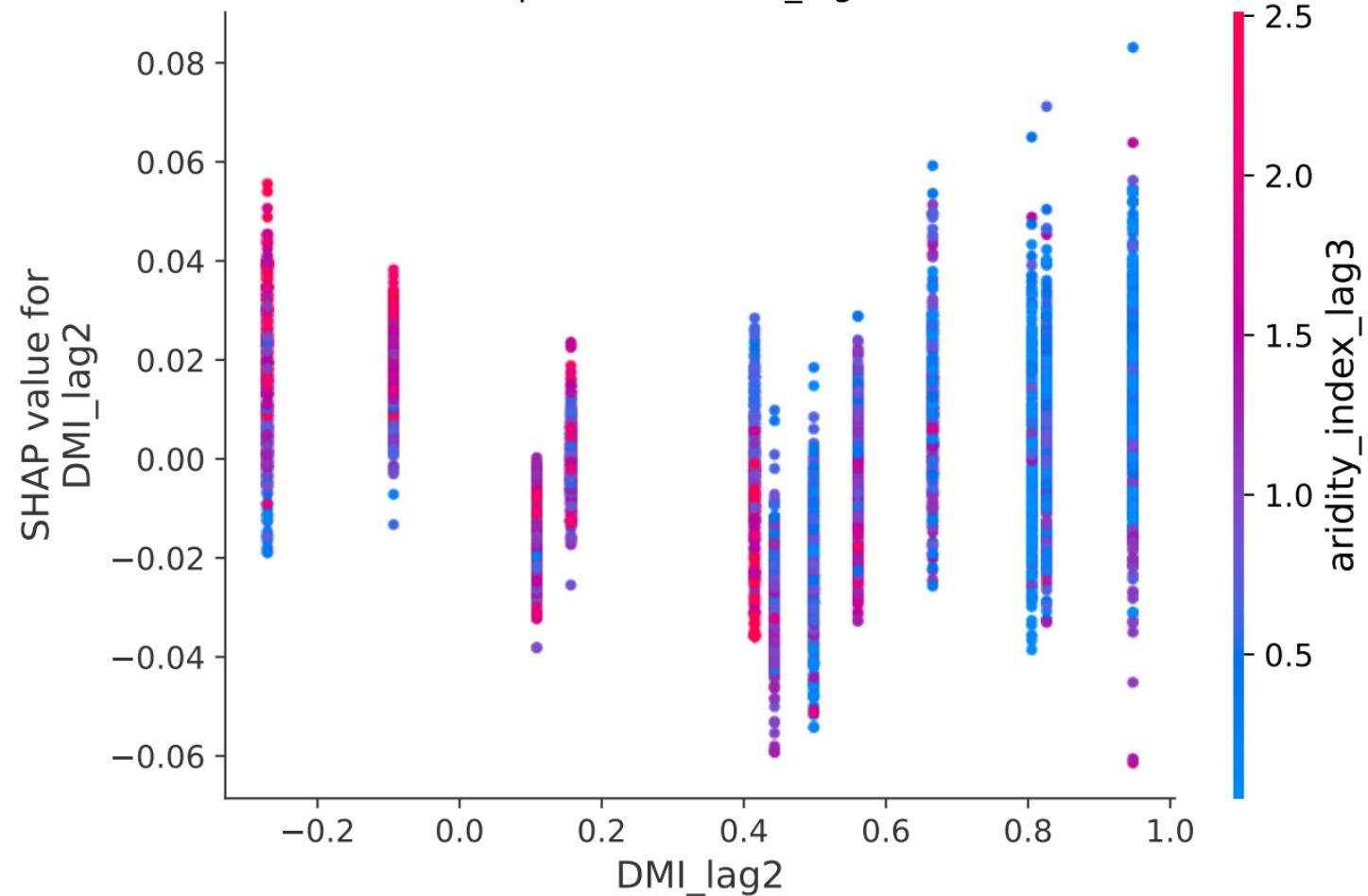
# SHAP Dependence - ANOM3.4\_lag3 - Class 0



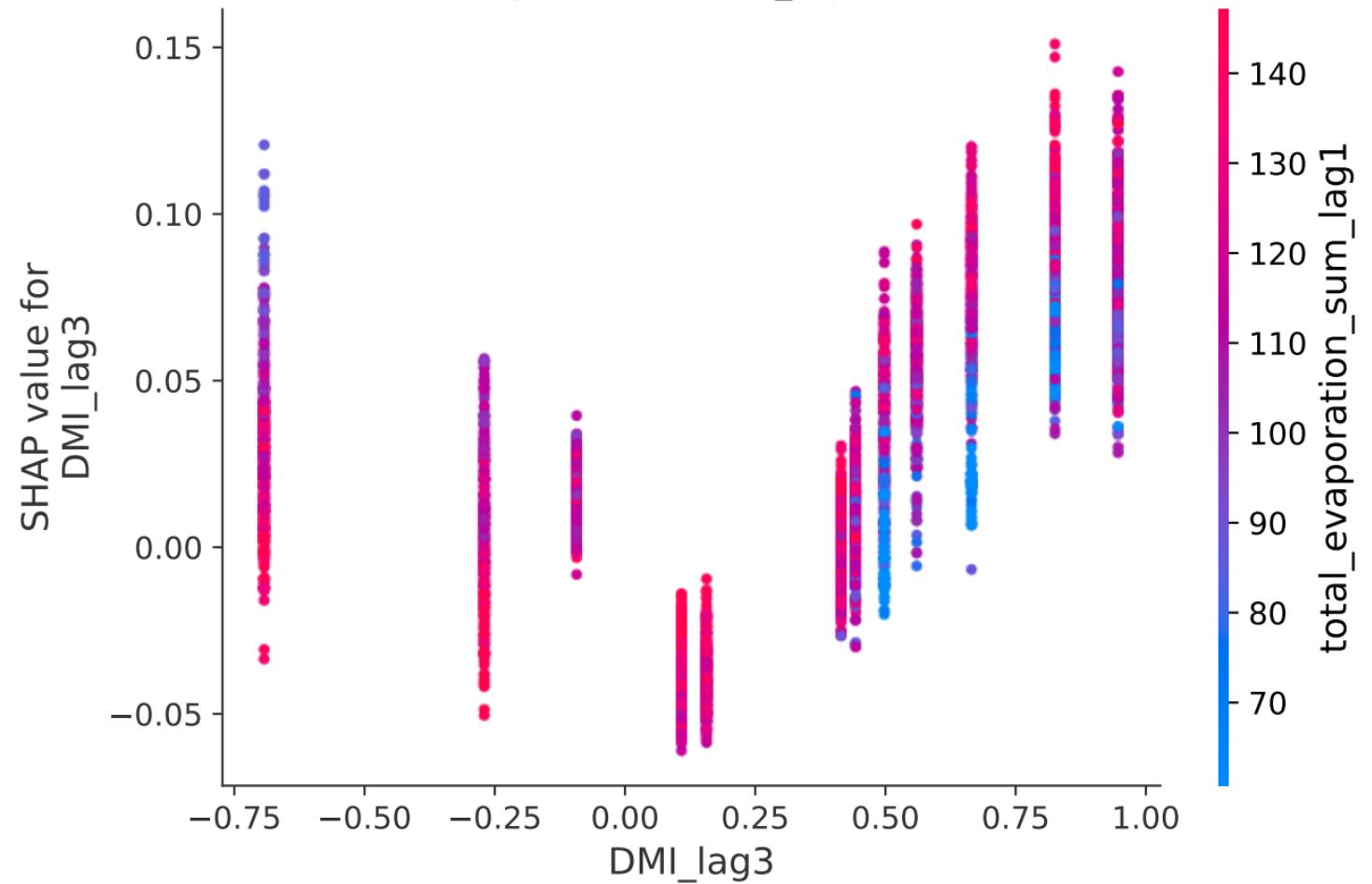
# SHAP Dependence - DMI\_lag1 - Class 0



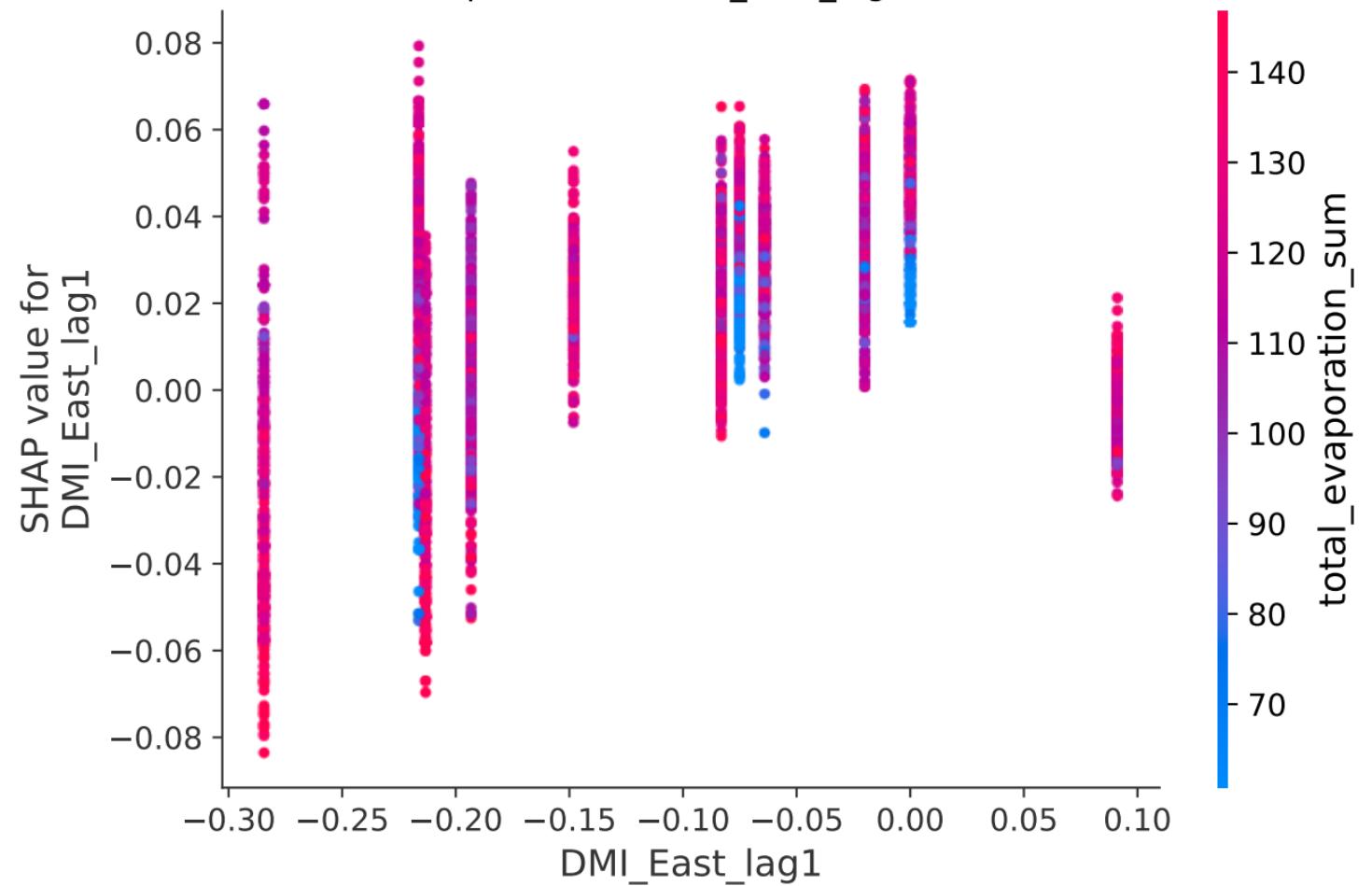
# SHAP Dependence - DMI\_lag2 - Class 0



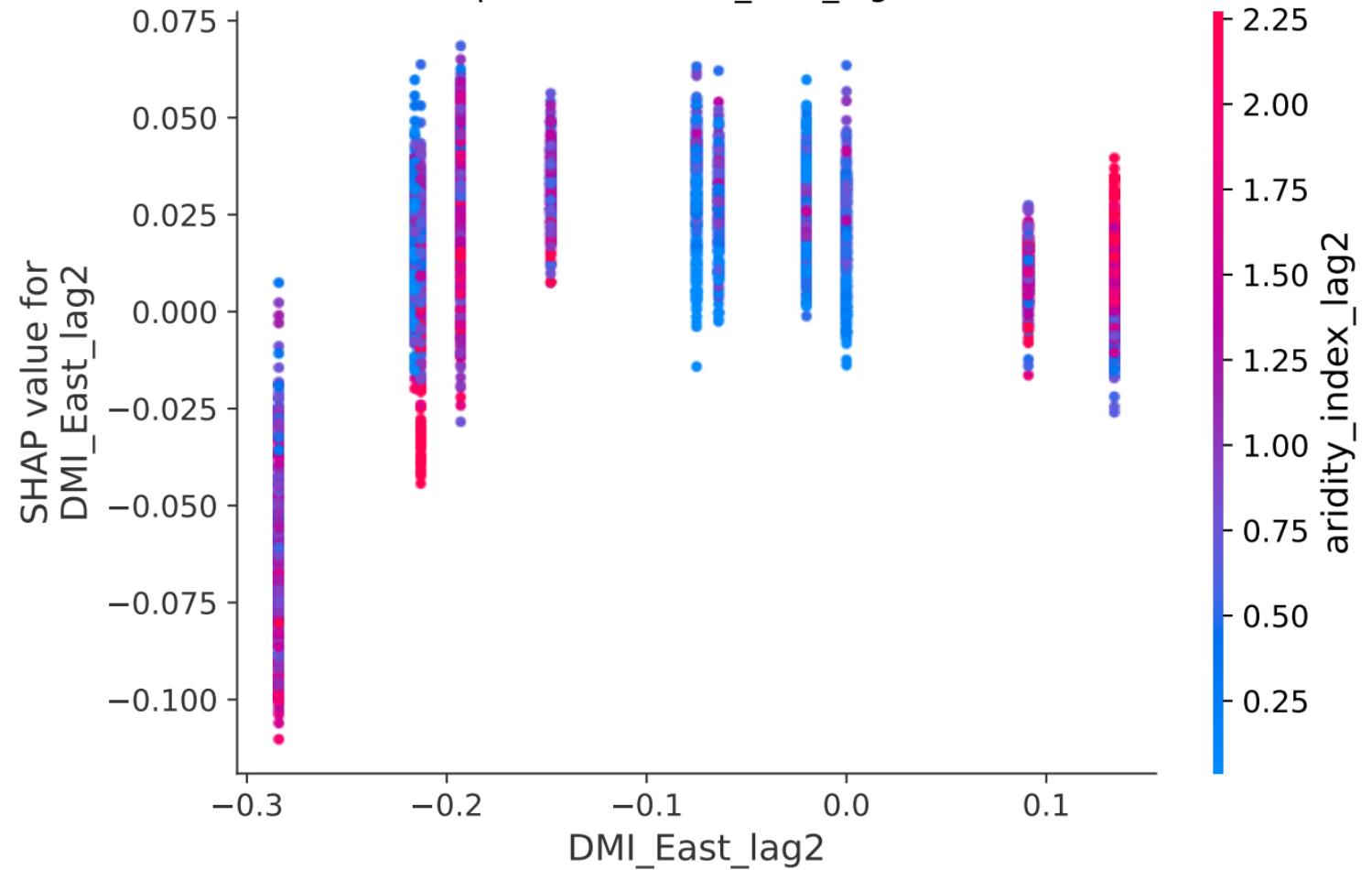
# SHAP Dependence - DMI\_lag3 - Class 0



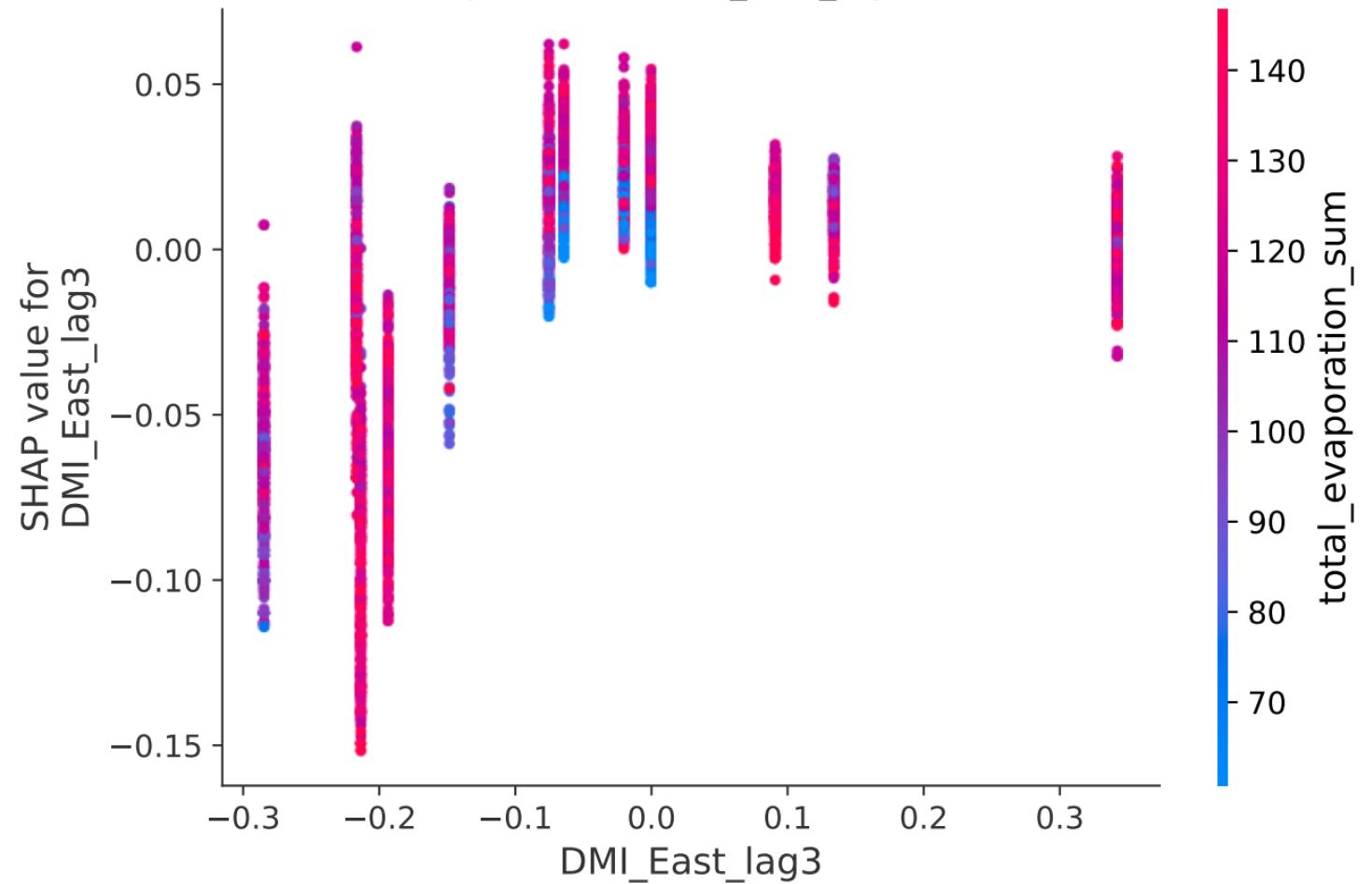
# SHAP Dependence - DMI\_East\_lag1 - Class 0



# SHAP Dependence - DMI\_East\_lag2 - Class 0

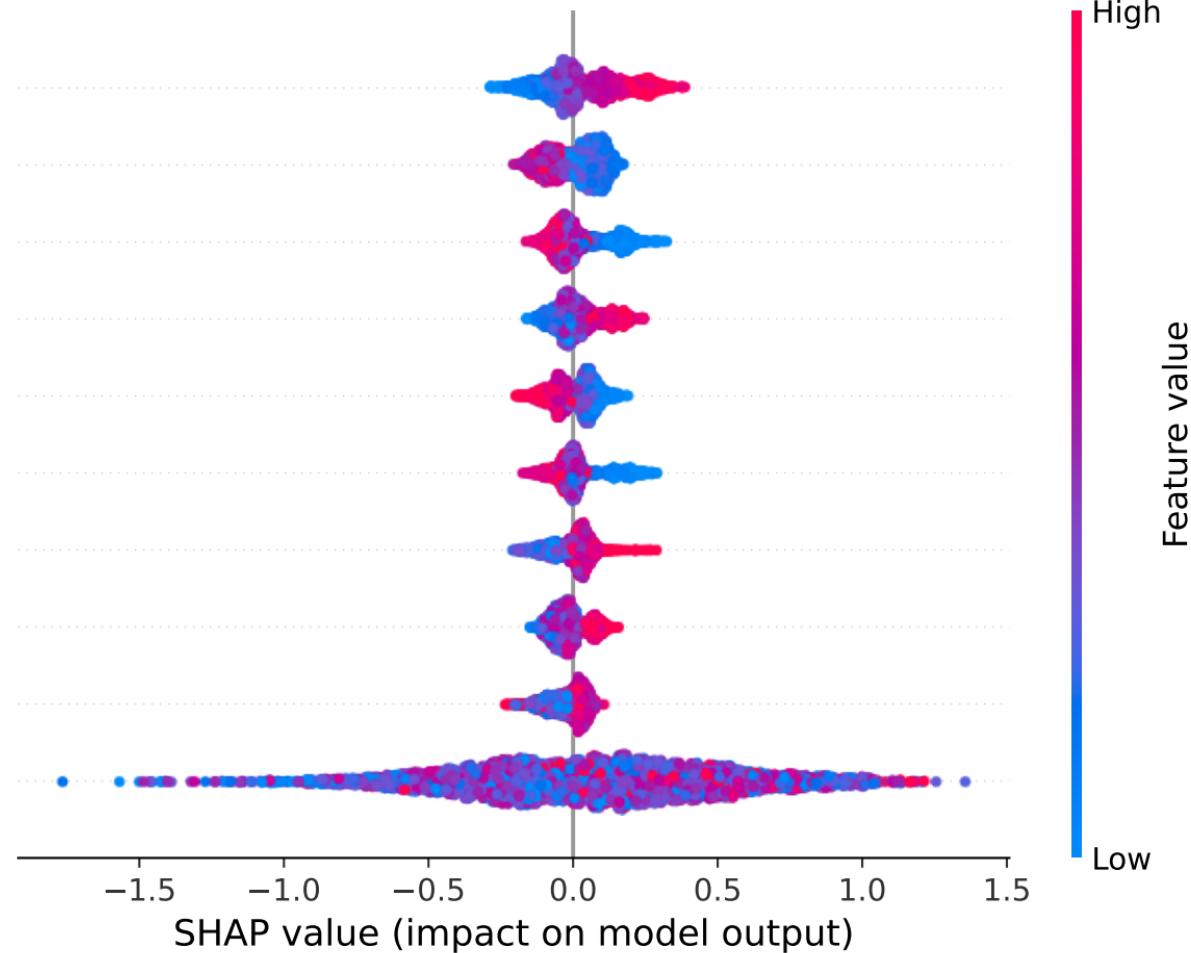


# SHAP Dependence - DMI\_East\_lag3 - Class 0

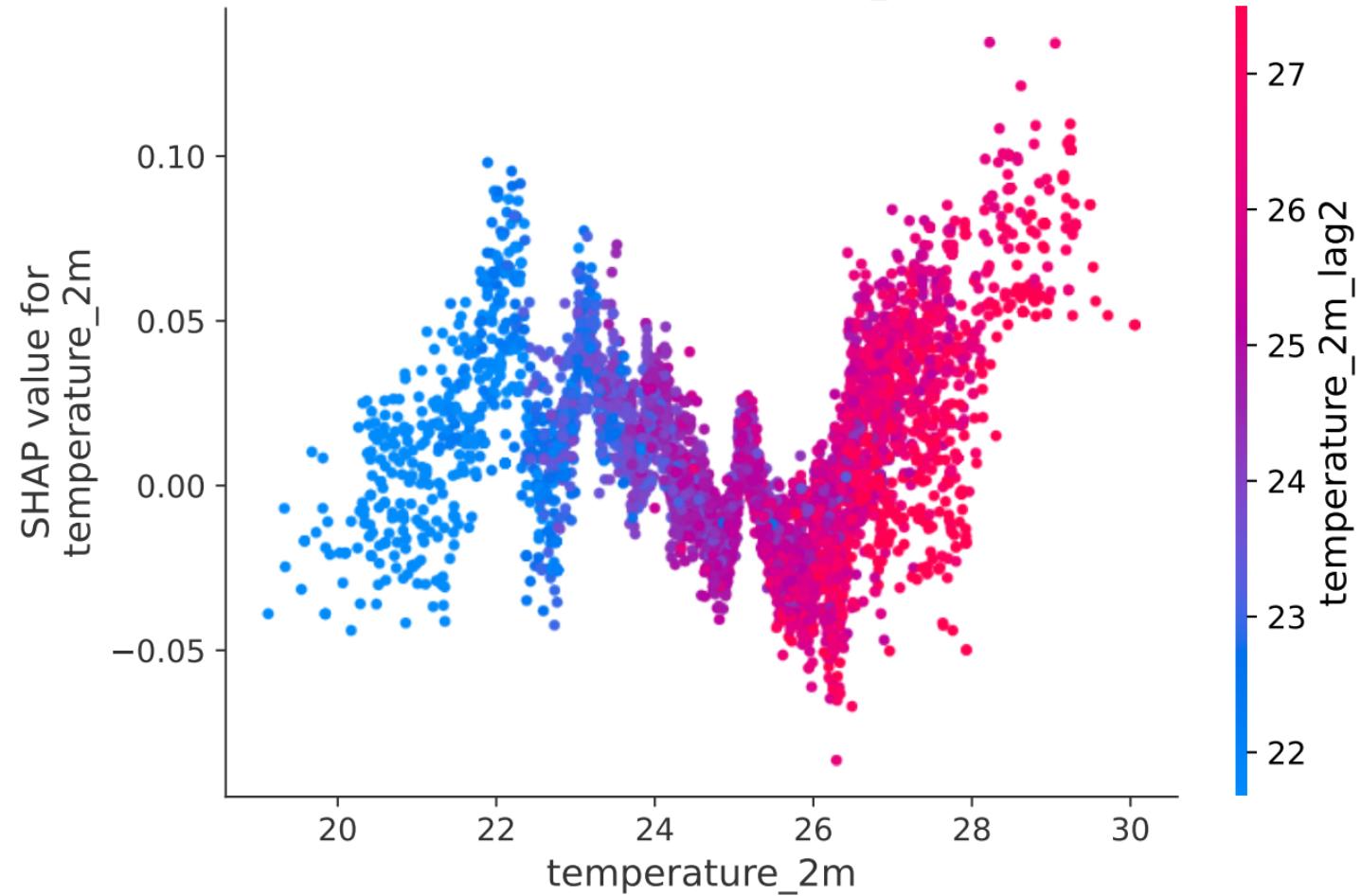


## SHAP Beeswarm - Class 1

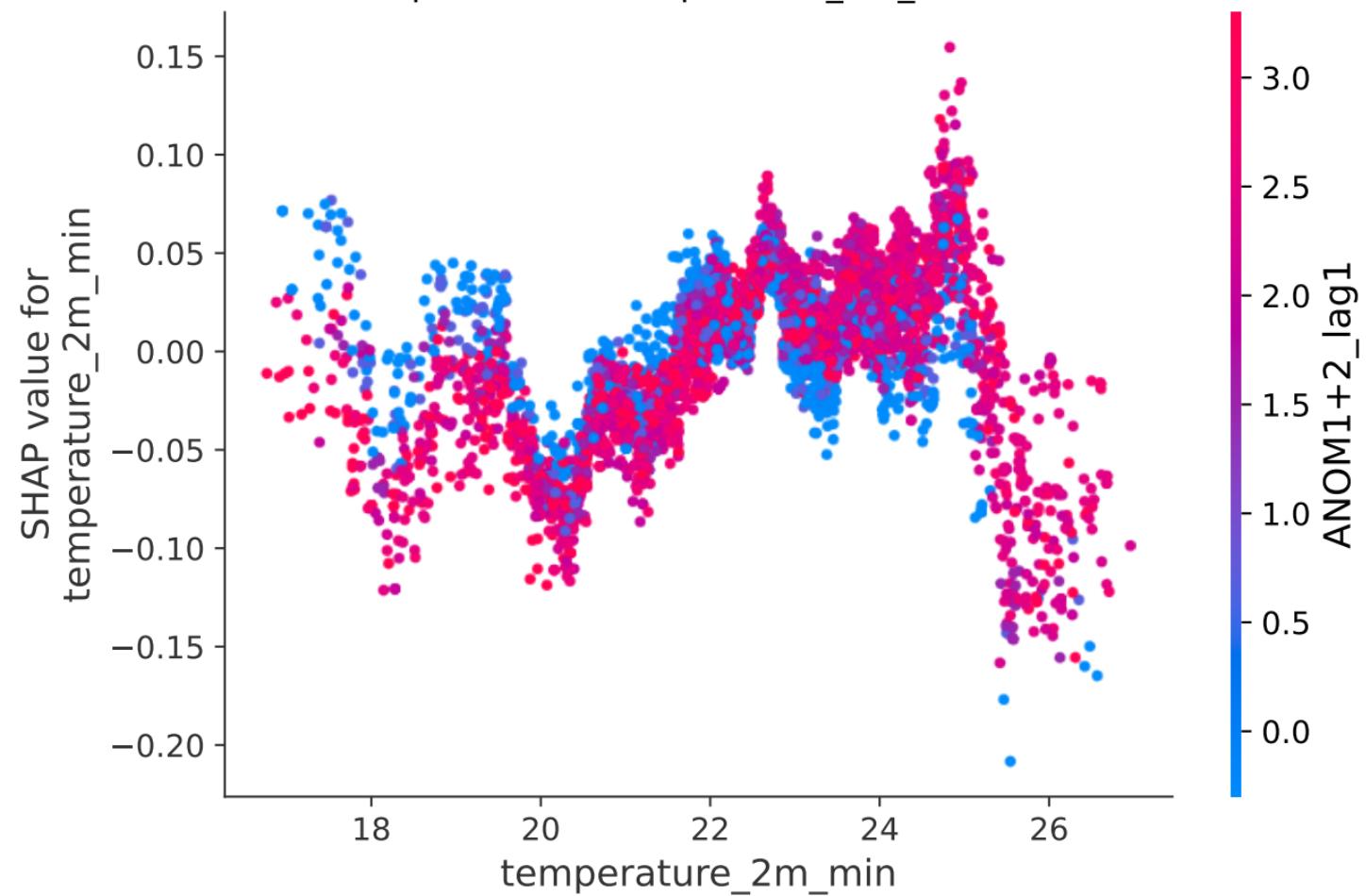
temperature\_2m\_max  
potential\_evaporation\_sum\_lag3  
precipitation\_lag2  
temperature\_2m\_max\_lag1  
precipitation  
precipitation\_lag1  
evaporative\_stress\_index\_lag3  
precipitation\_ANOM  
evaporative\_stress\_index  
Sum of 71 other features



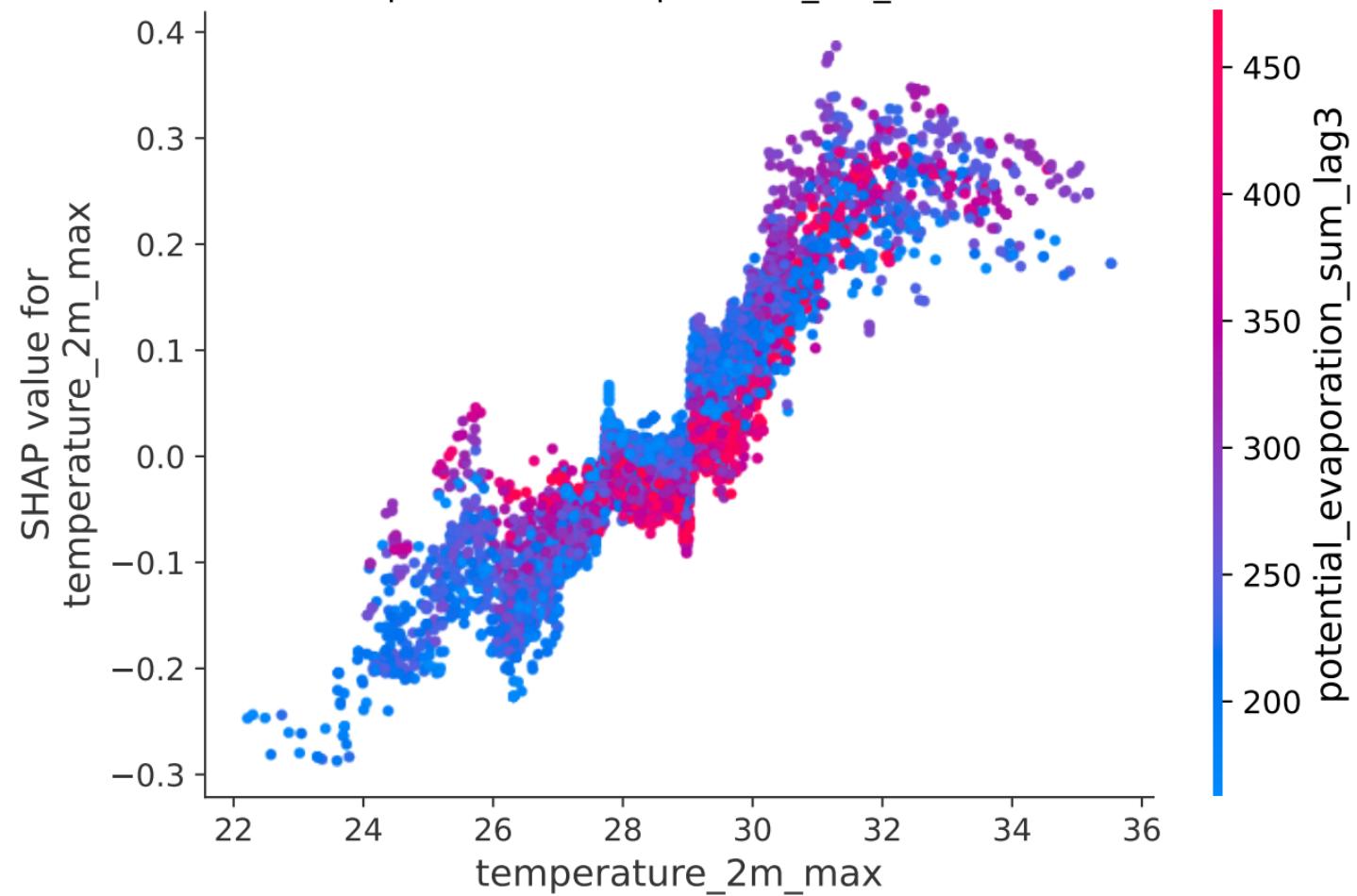
# SHAP Dependence - temperature\_2m - Class 1



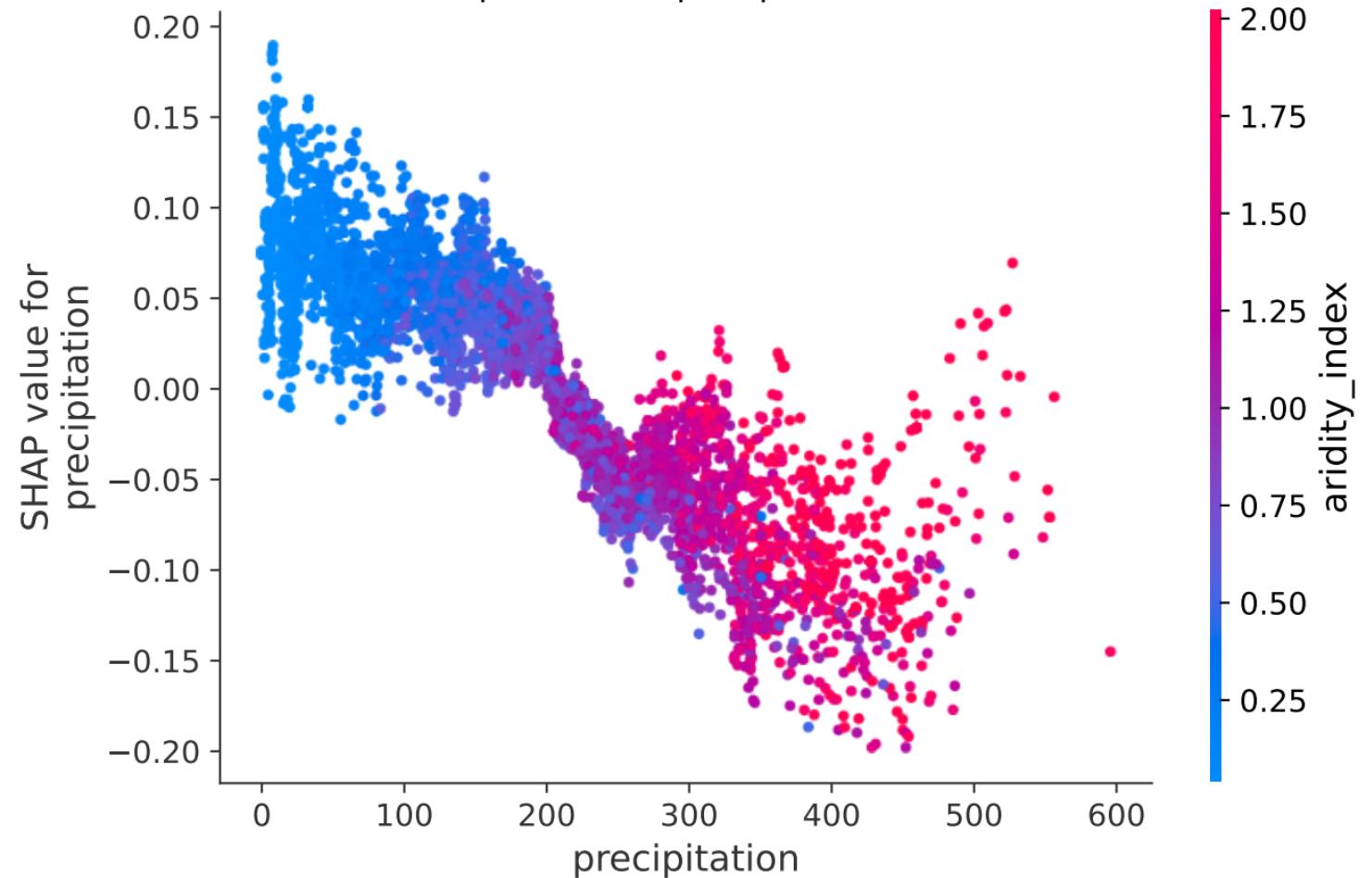
# SHAP Dependence - temperature\_2m\_min - Class 1



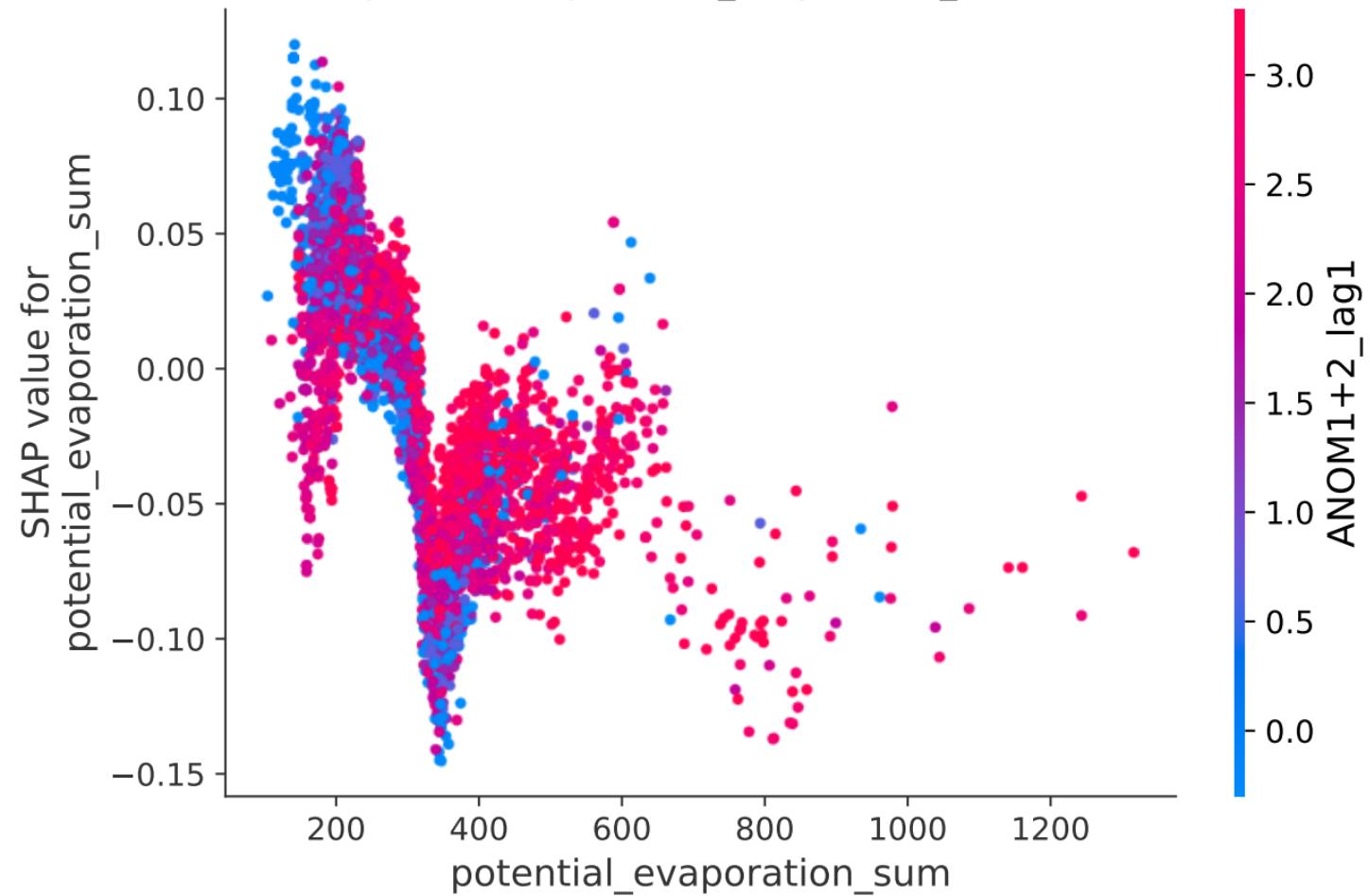
# SHAP Dependence - temperature\_2m\_max - Class 1



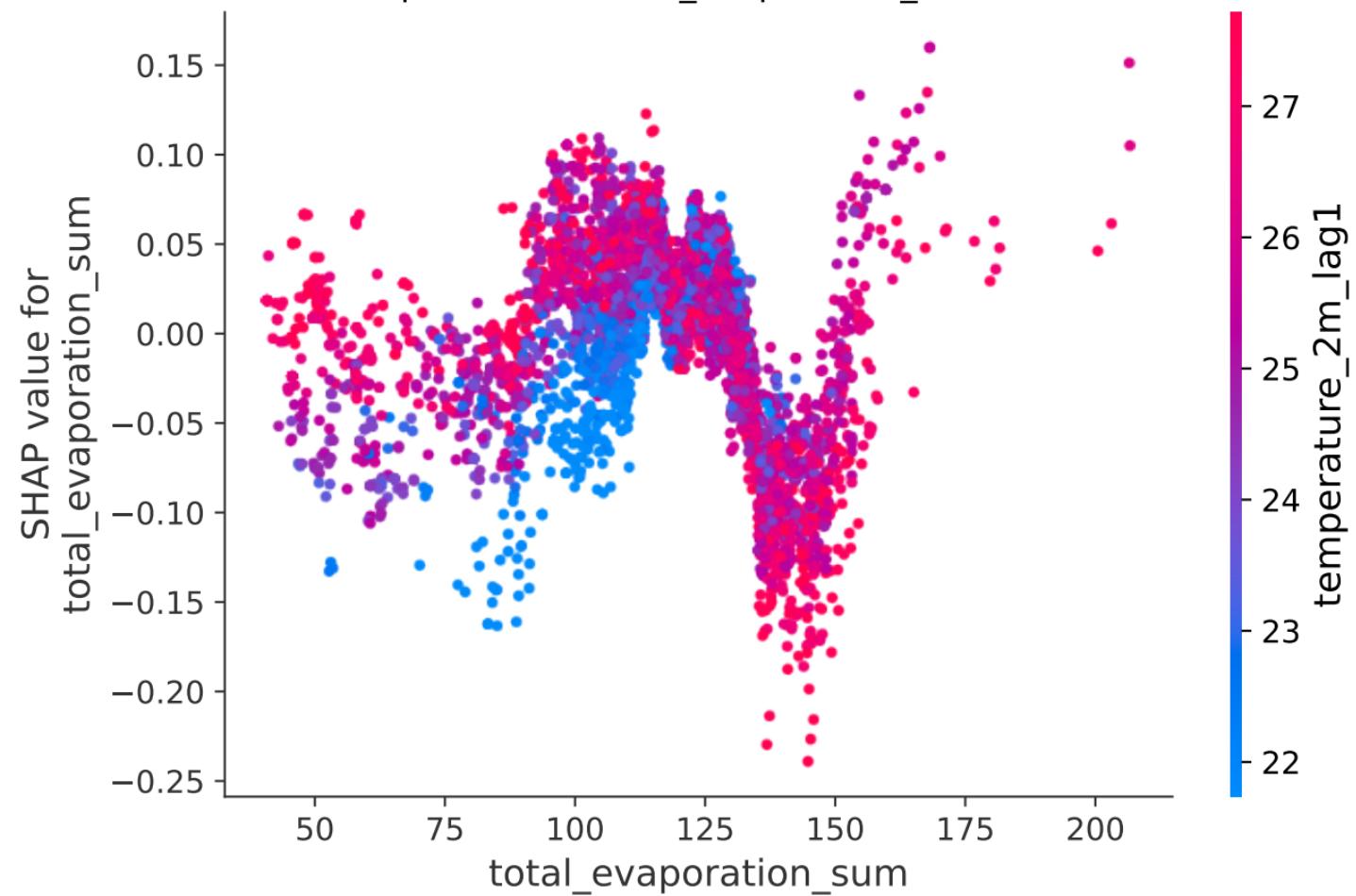
### SHAP Dependence - precipitation - Class 1



# SHAP Dependence - potential\_evaporation\_sum - Class 1

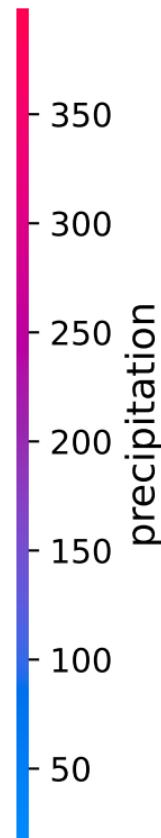
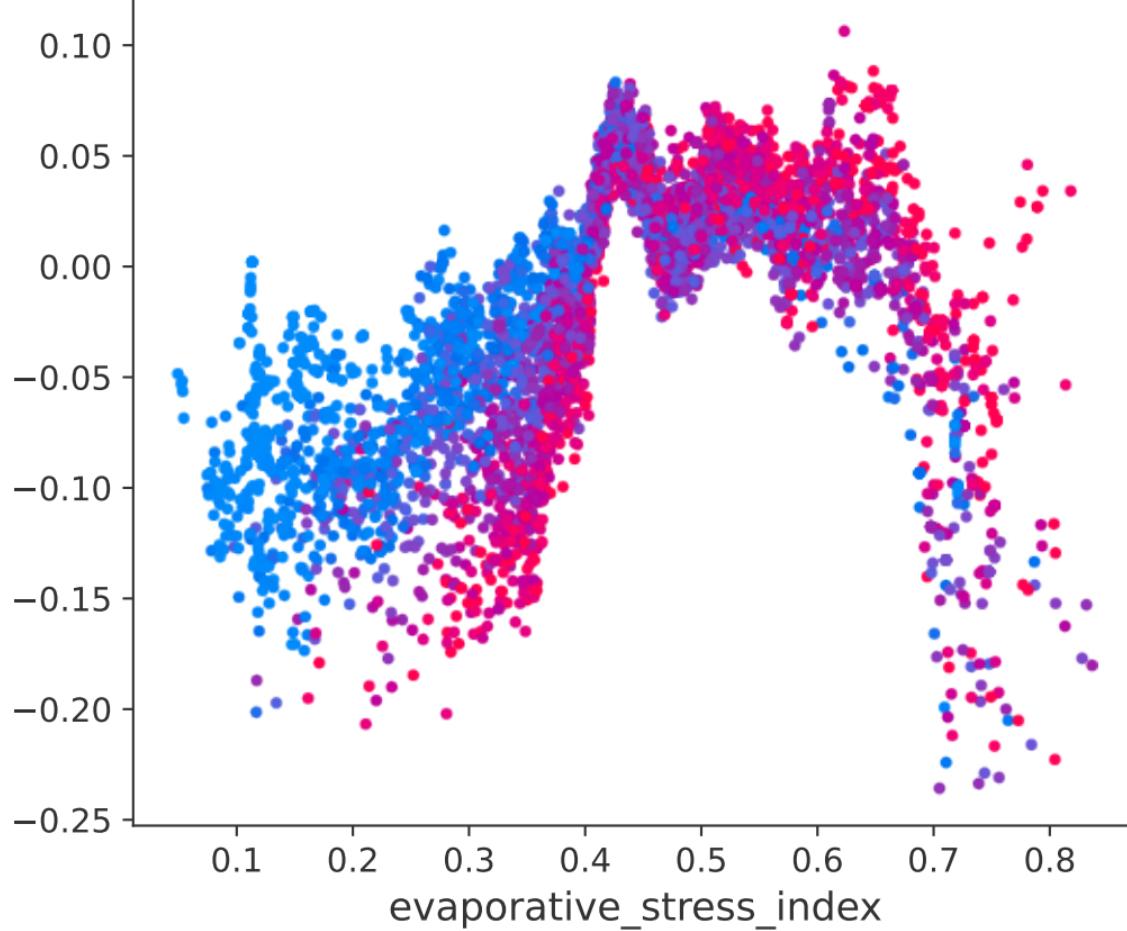


# SHAP Dependence - total\_evaporation\_sum - Class 1

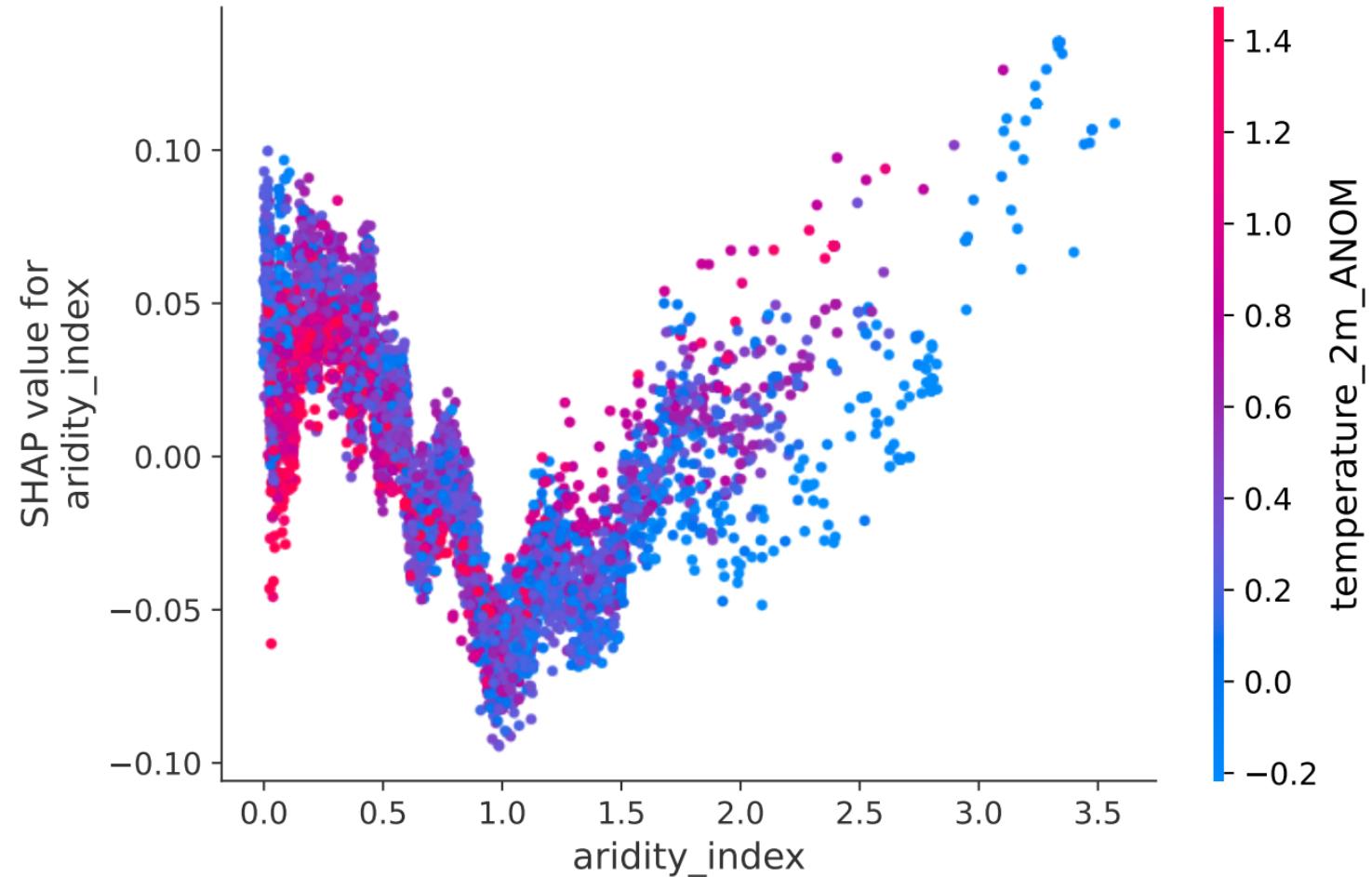


# SHAP Dependence - evaporative\_stress\_index - Class 1

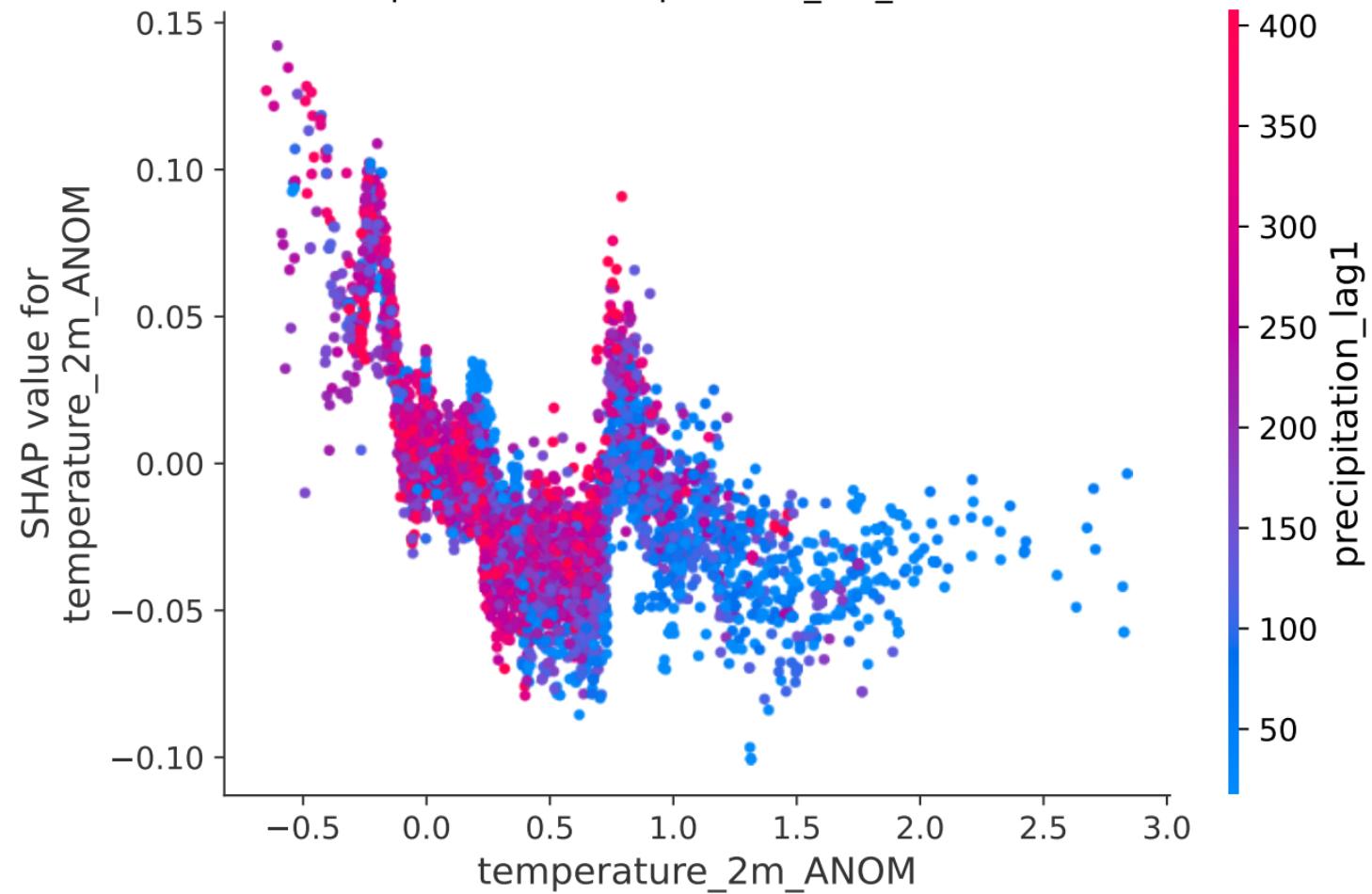
SHAP value for  
evaporative\_stress\_index



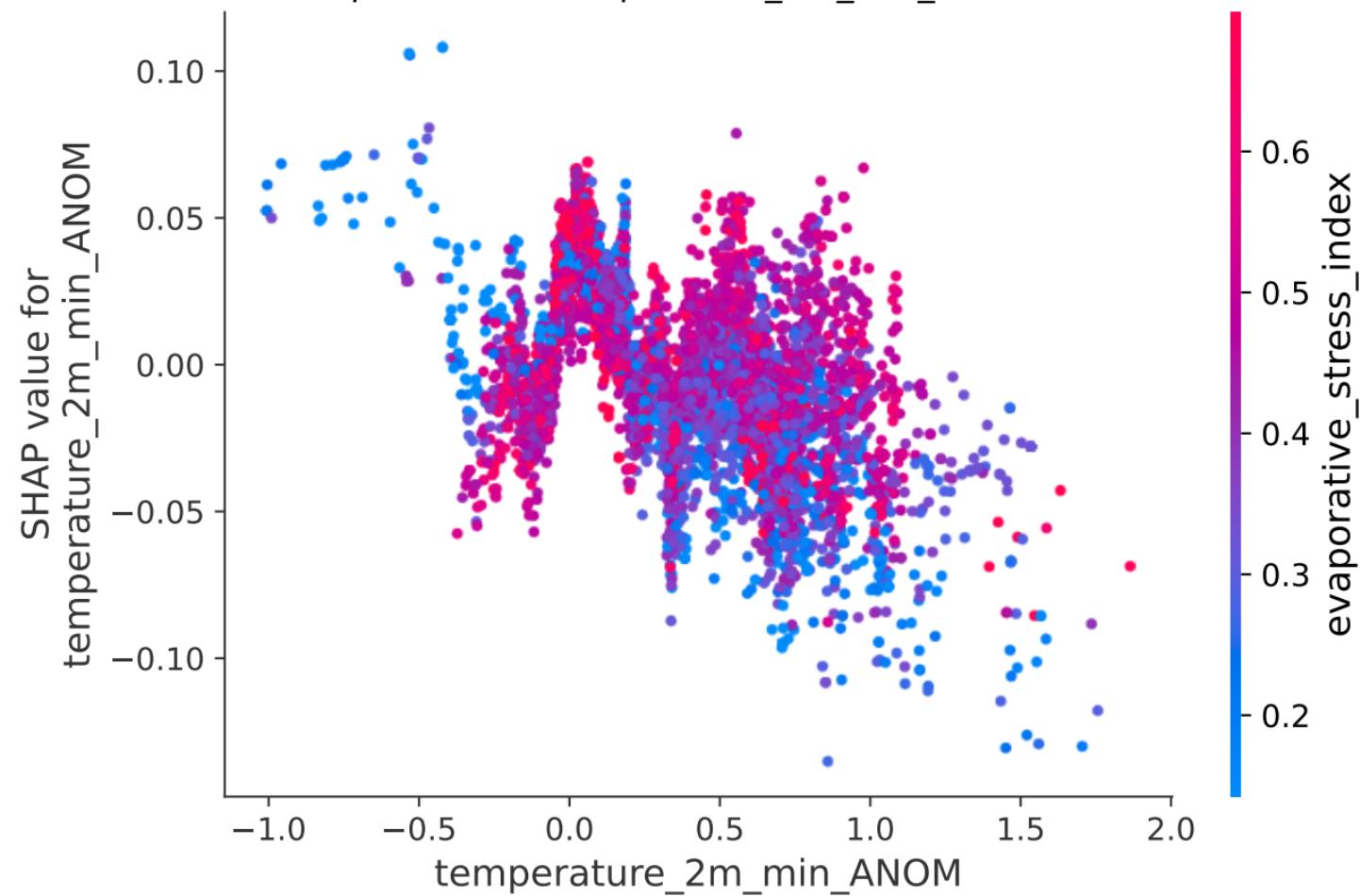
# SHAP Dependence - aridity\_index - Class 1



# SHAP Dependence - temperature\_2m\_ANOM - Class 1

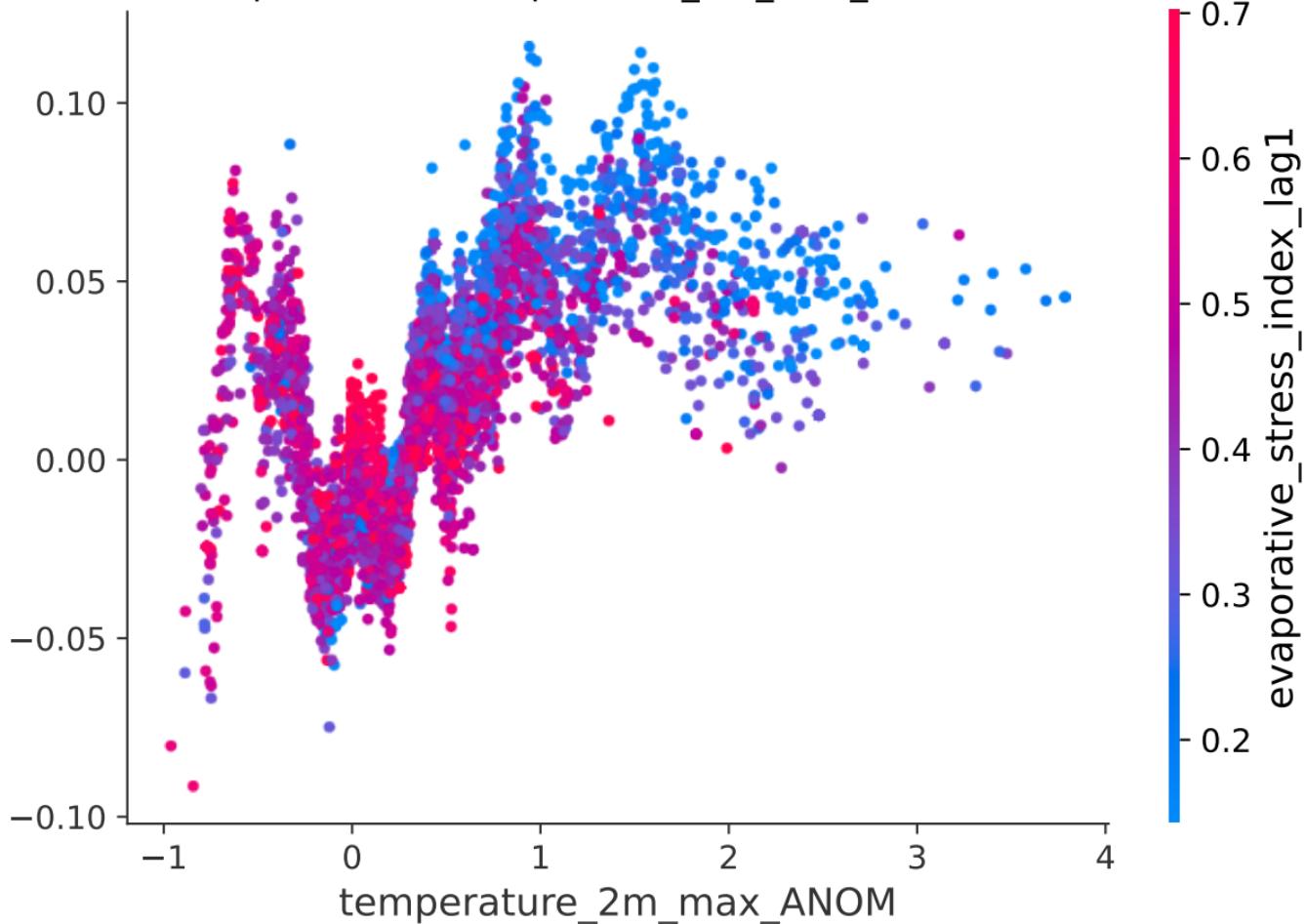


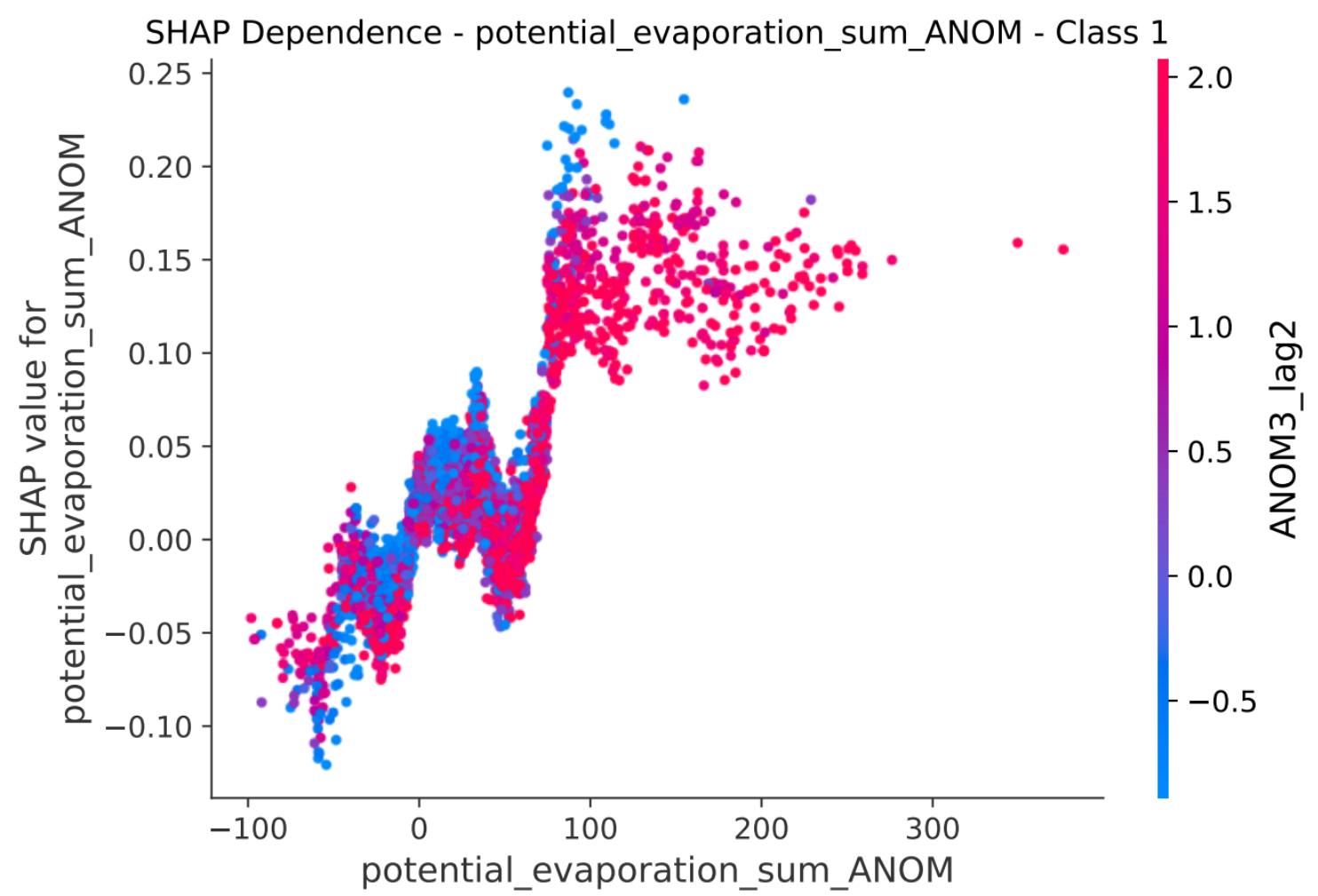
# SHAP Dependence - temperature\_2m\_min\_ANOM - Class 1



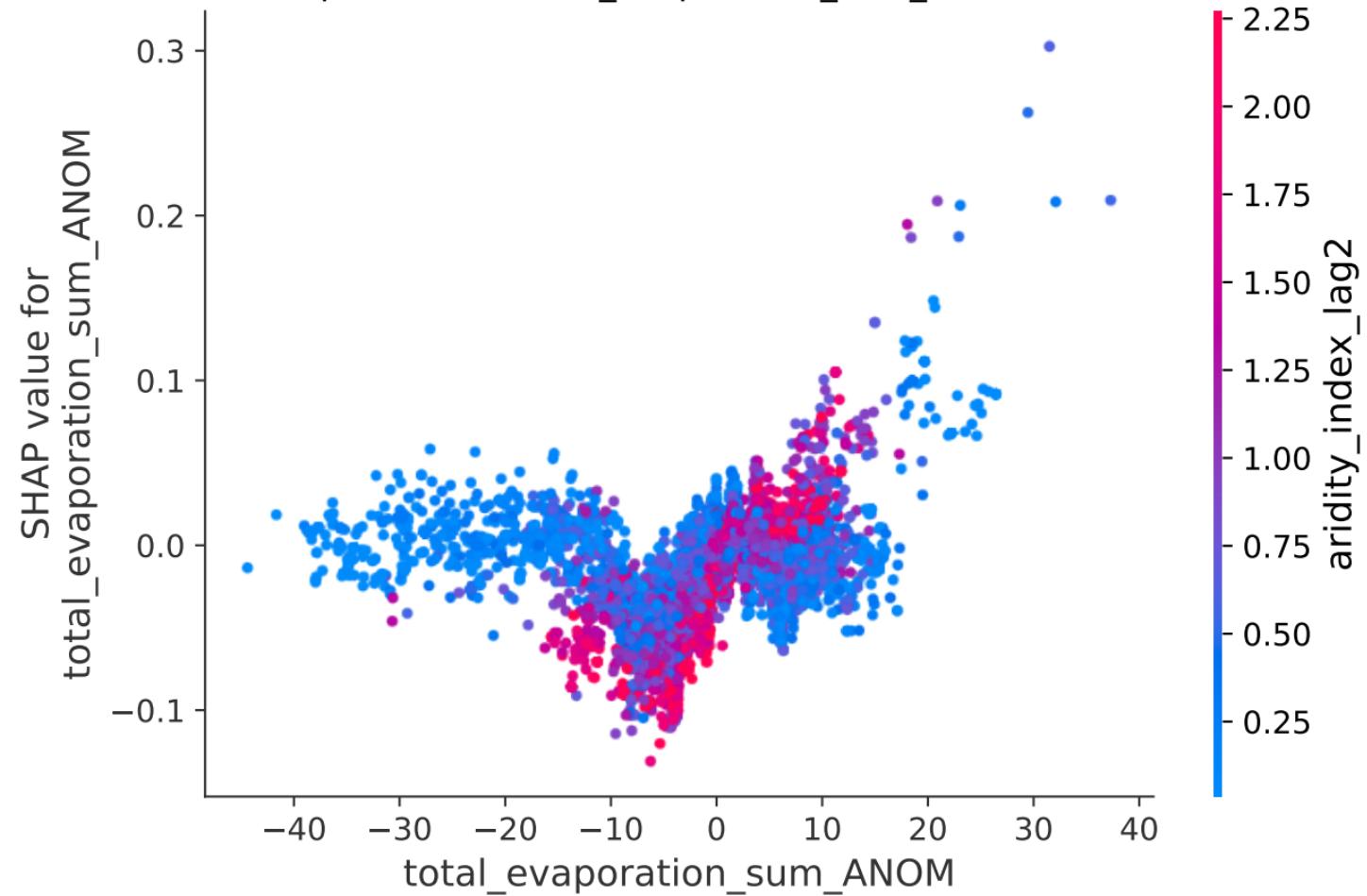
# SHAP Dependence - temperature\_2m\_max\_ANOM - Class 1

SHAP value for  
temperature\_2m\_max\_ANOM



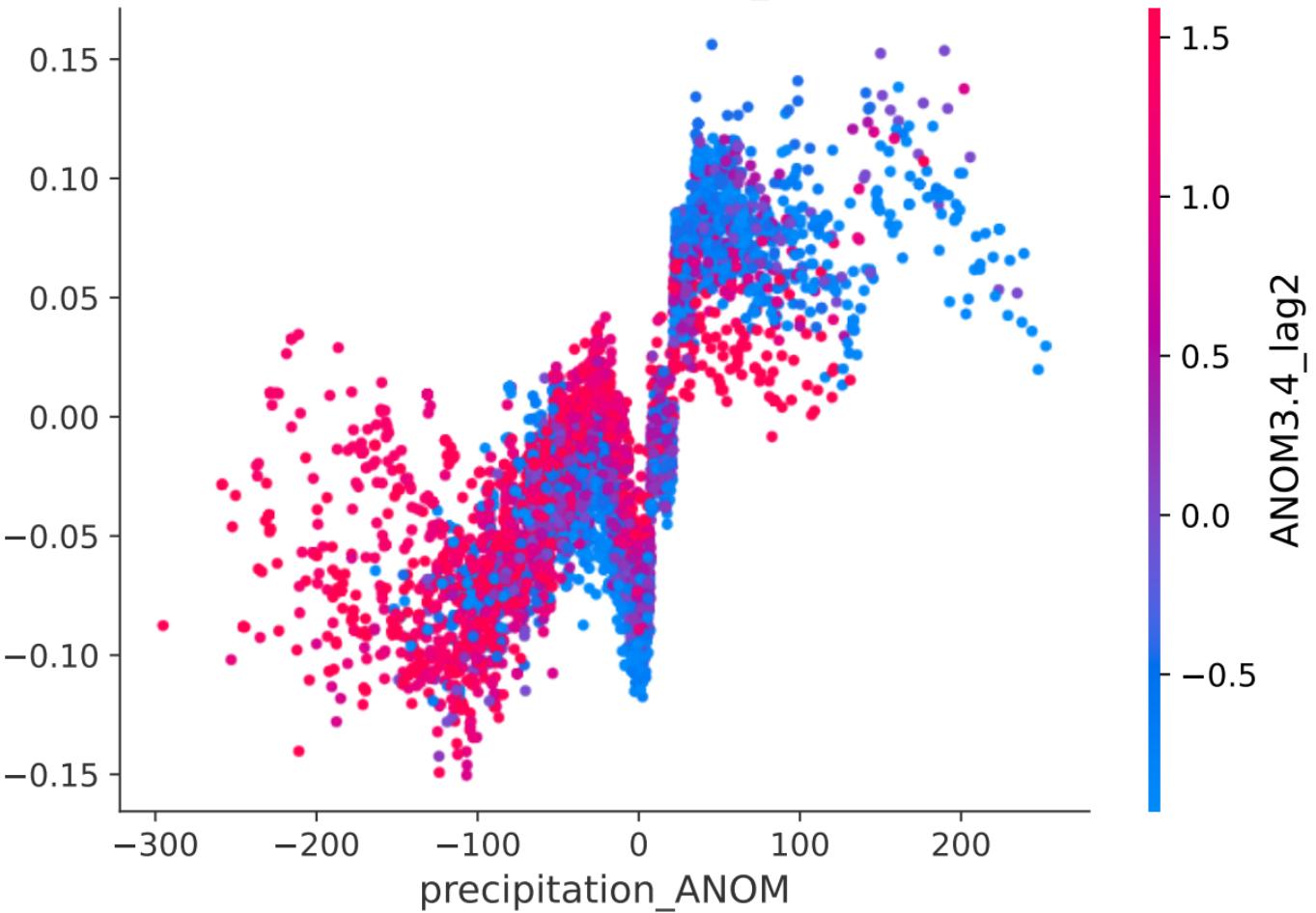


# SHAP Dependence - total\_evaporation\_sum\_ANOM - Class 1

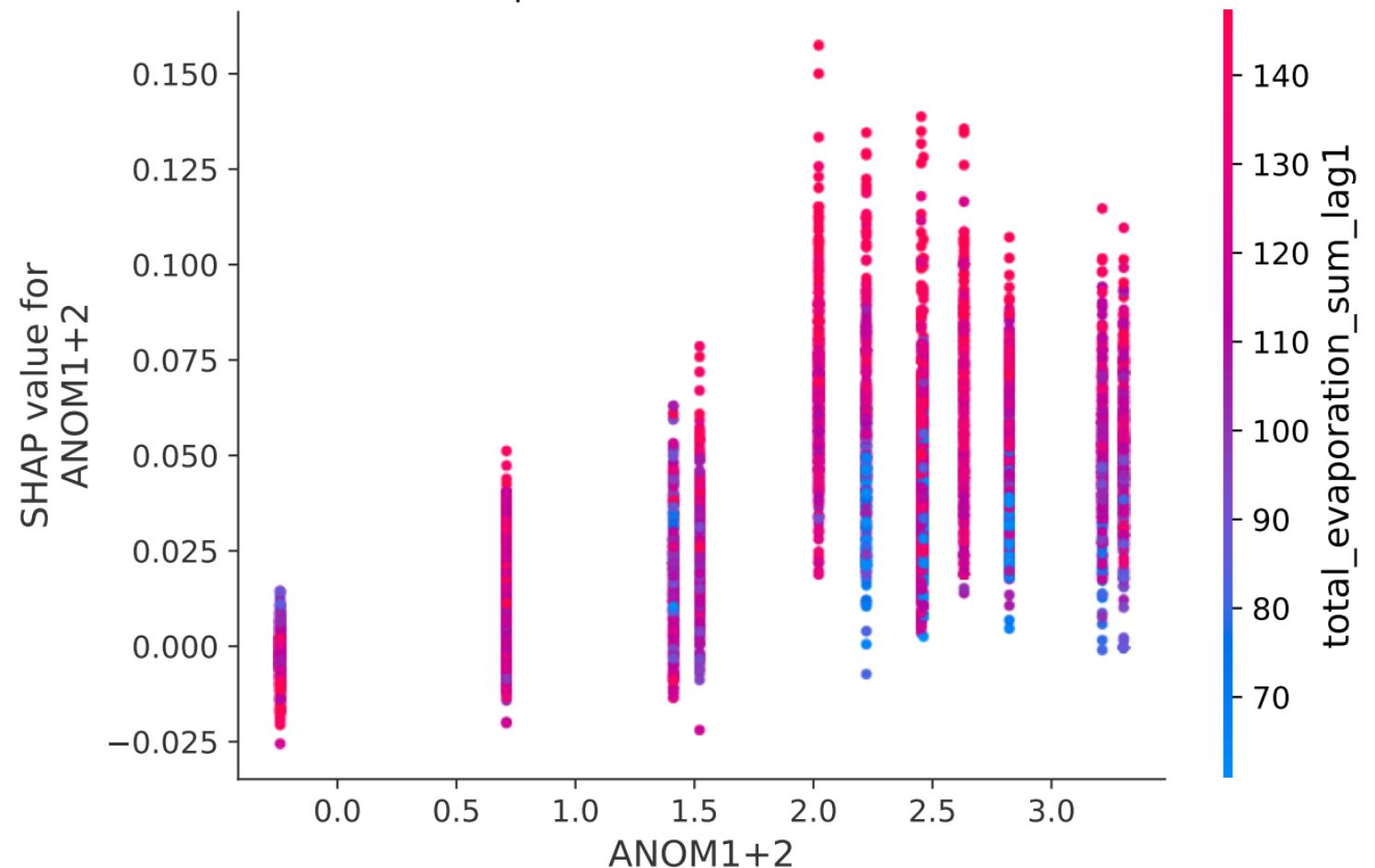


# SHAP Dependence - precipitation\_ANOM - Class 1

SHAP value for  
precipitation\_ANOM

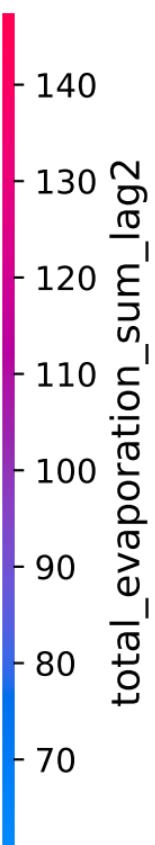
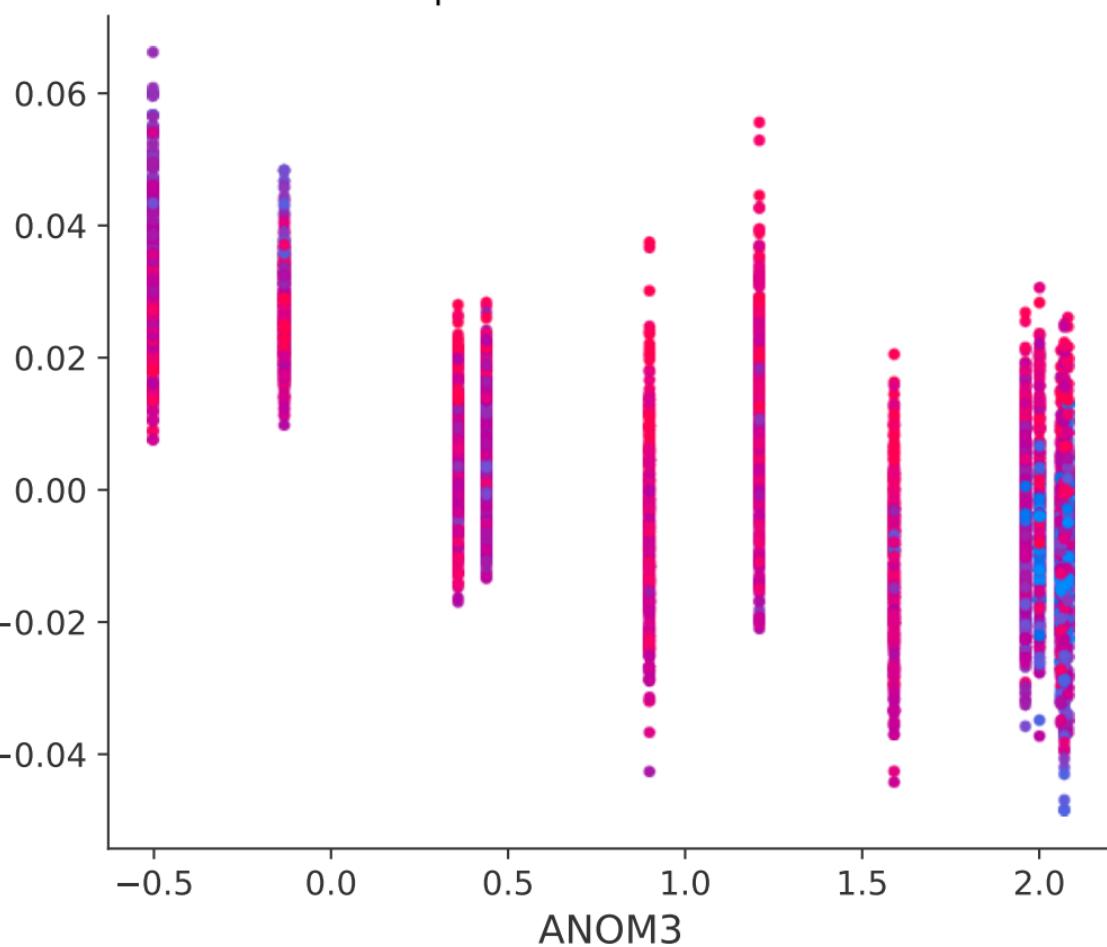


# SHAP Dependence - ANOM1+2 - Class 1

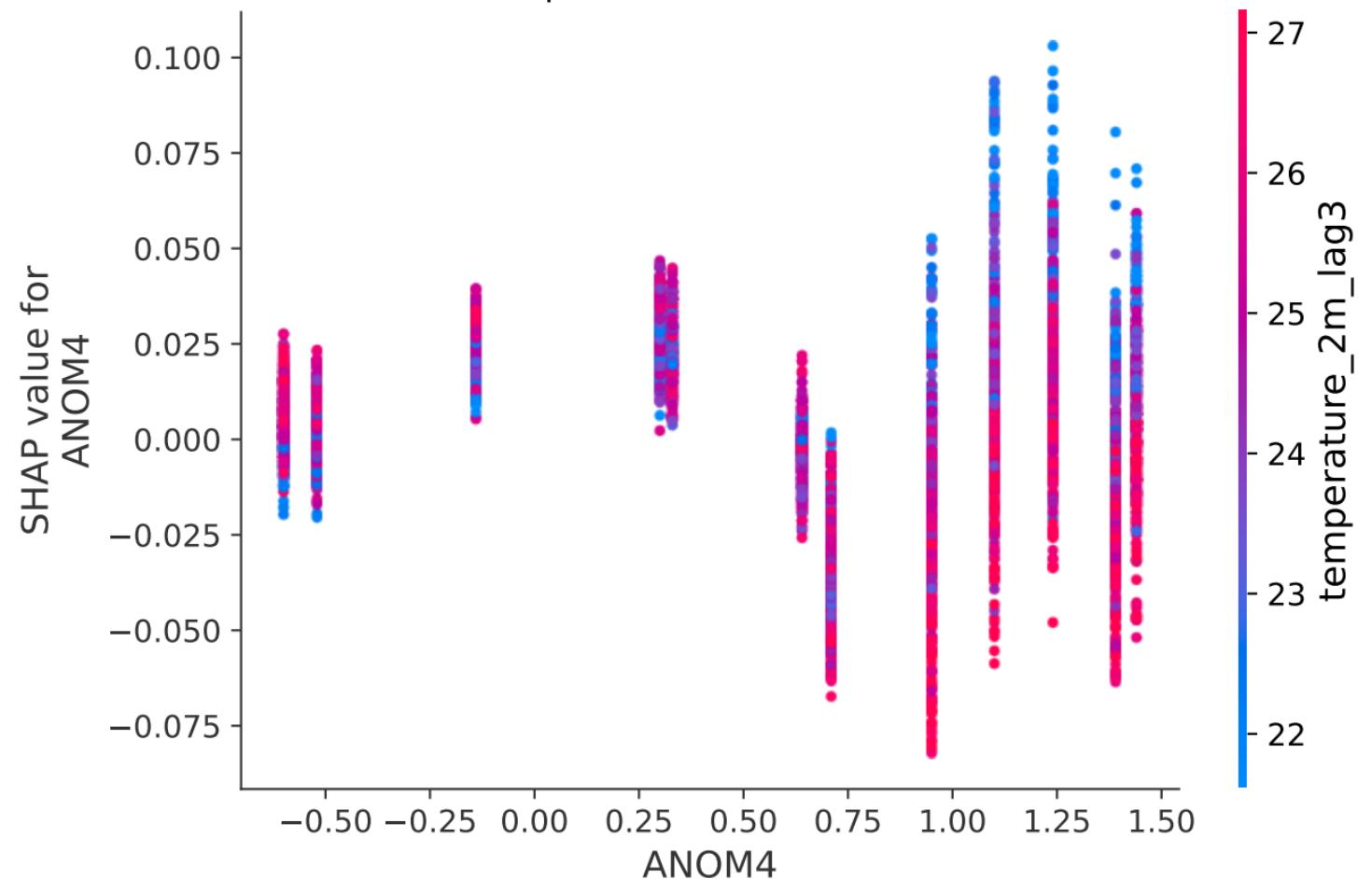


# SHAP Dependence - ANOM3 - Class 1

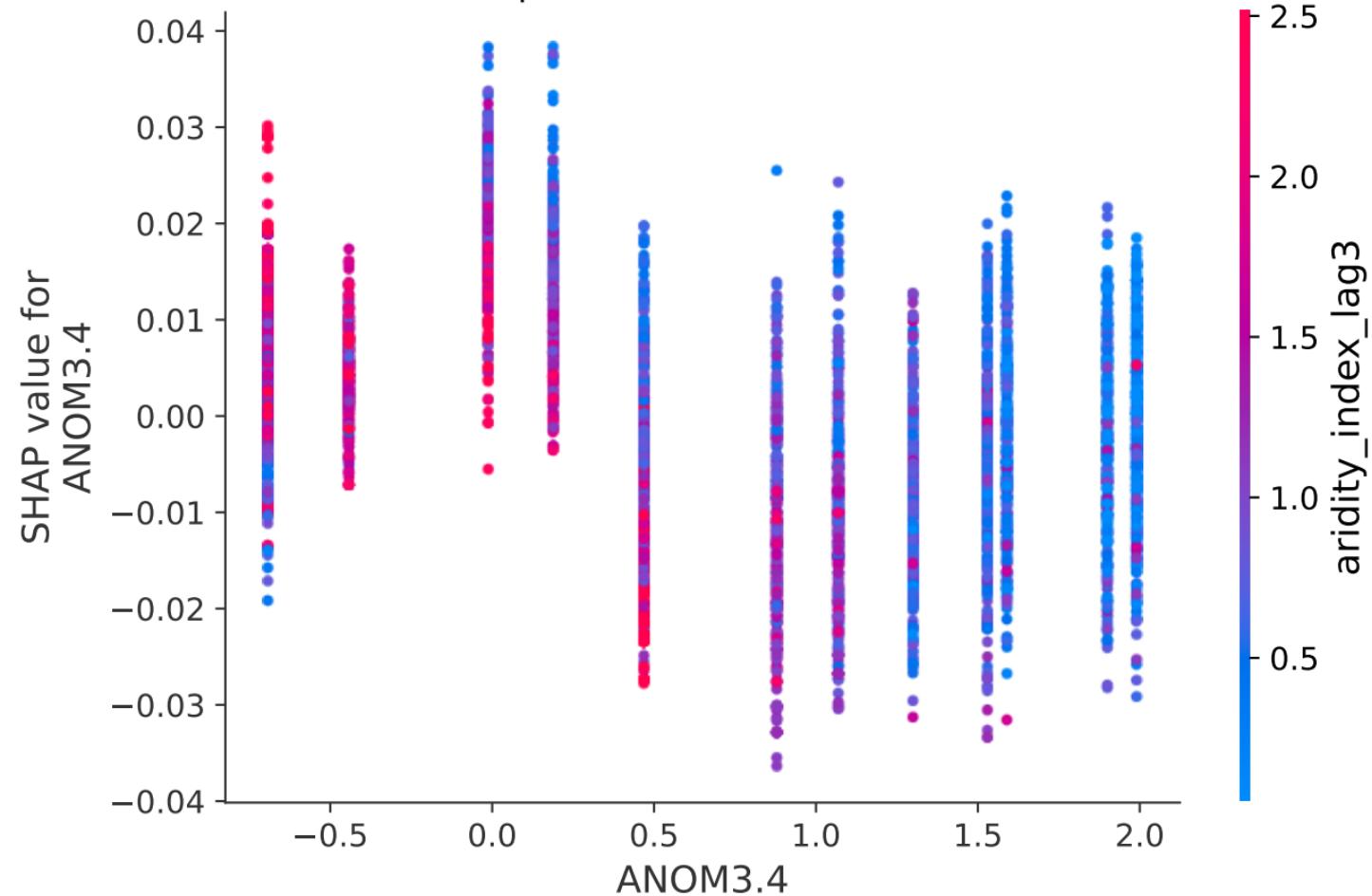
SHAP value for  
ANOM3



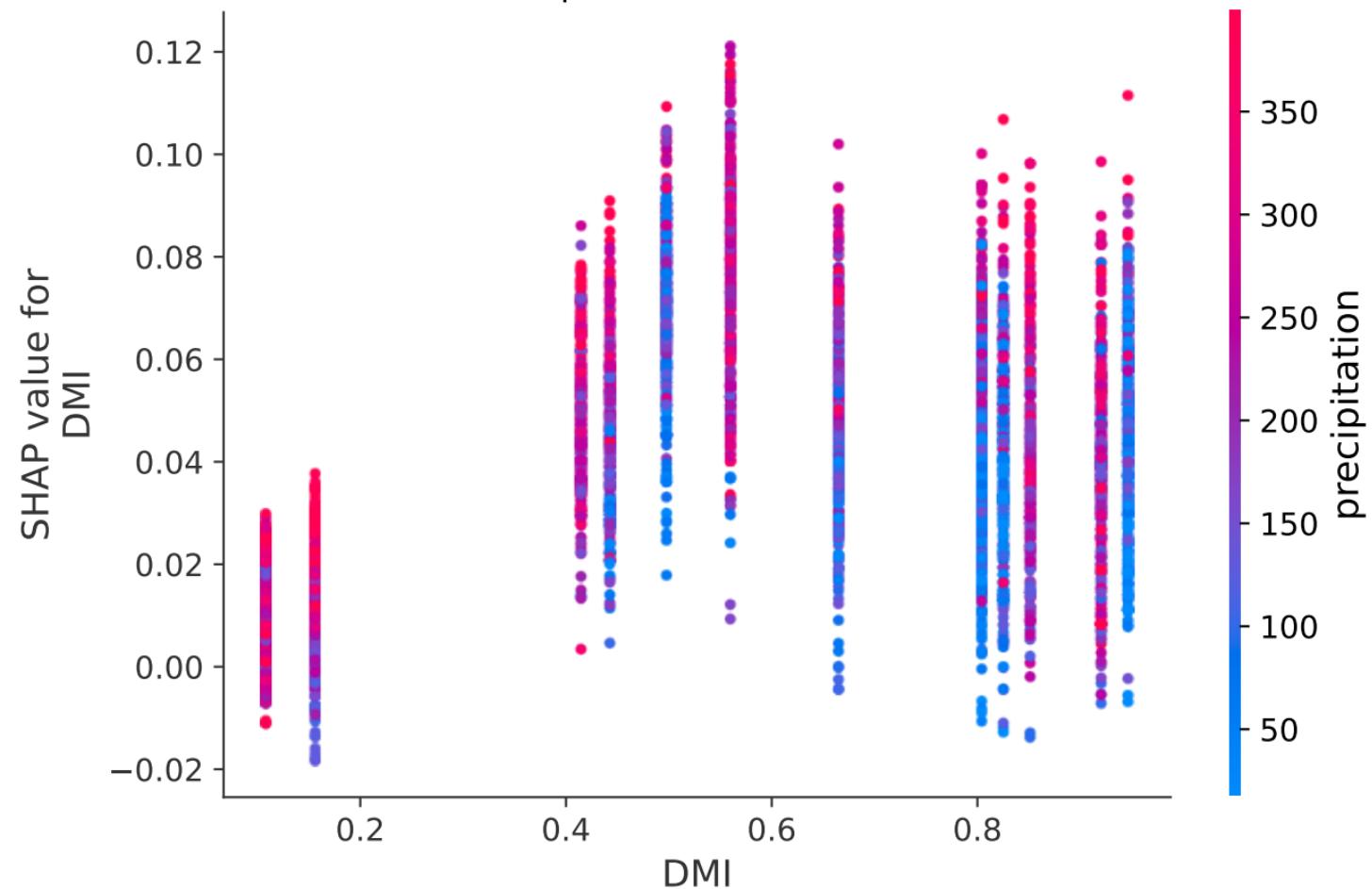
# SHAP Dependence - ANOM4 - Class 1



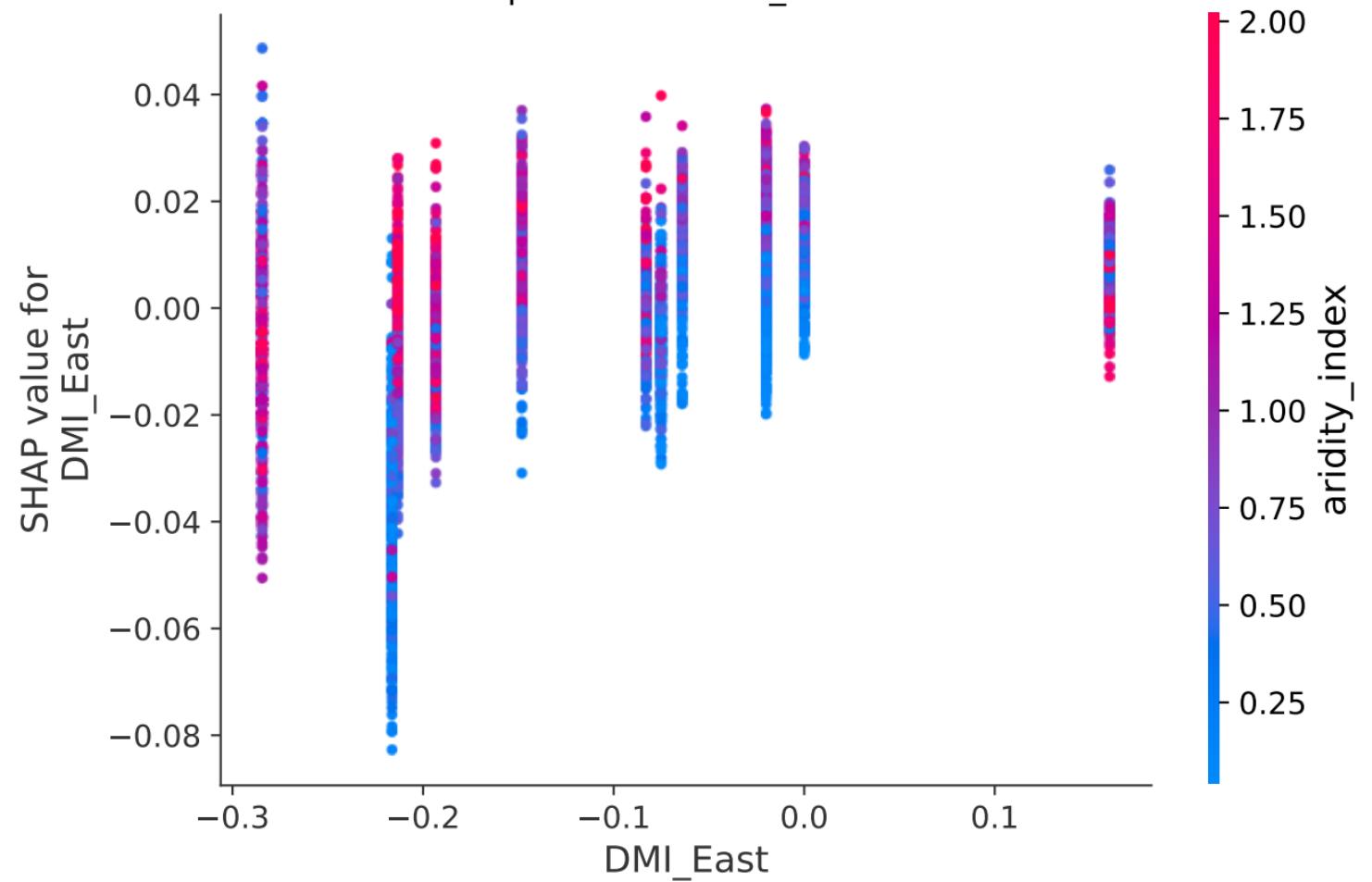
# SHAP Dependence - ANOM3.4 - Class 1



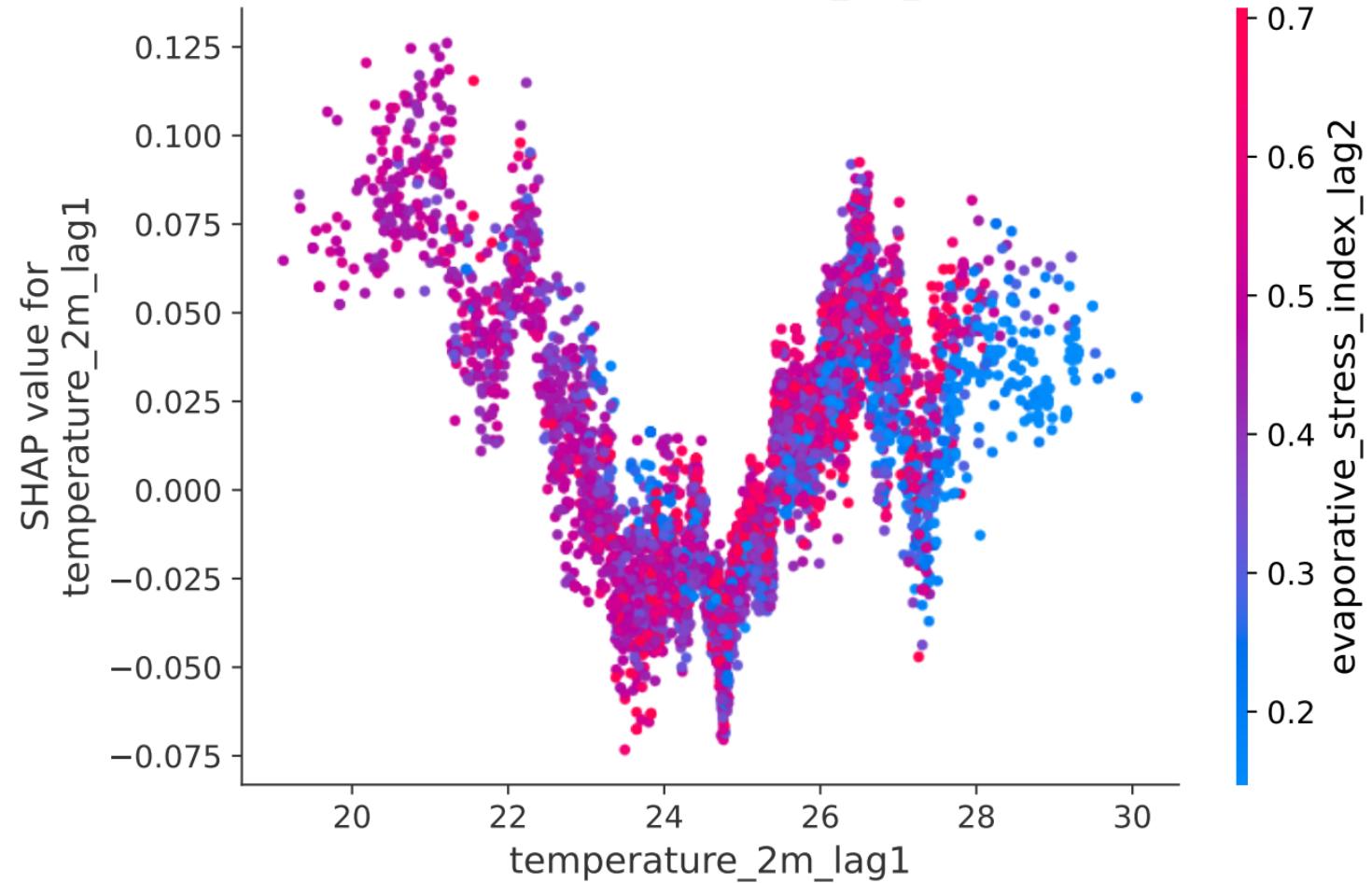
# SHAP Dependence - DMI - Class 1



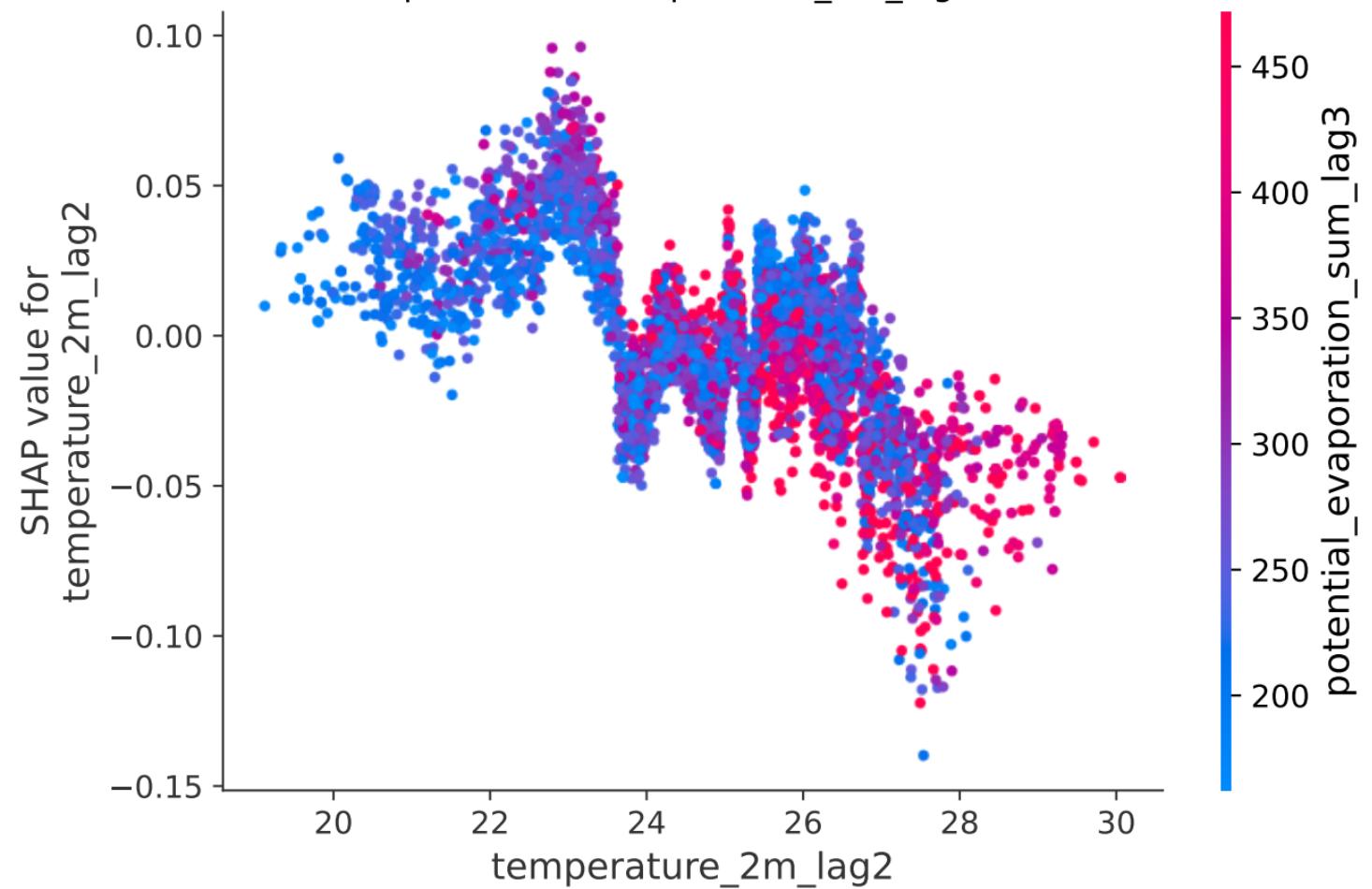
# SHAP Dependence - DMI\_East - Class 1



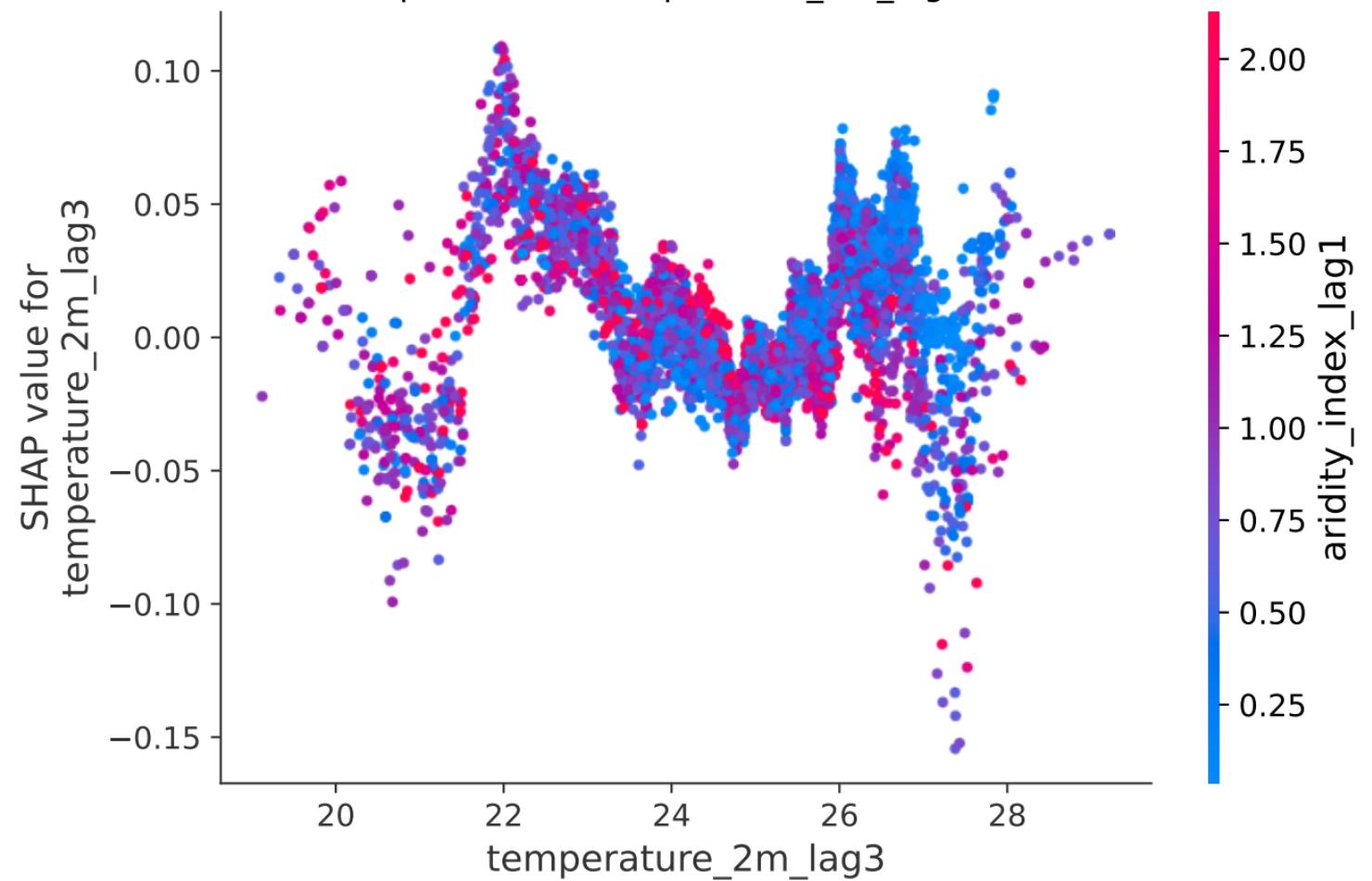
# SHAP Dependence - temperature\_2m\_lag1 - Class 1



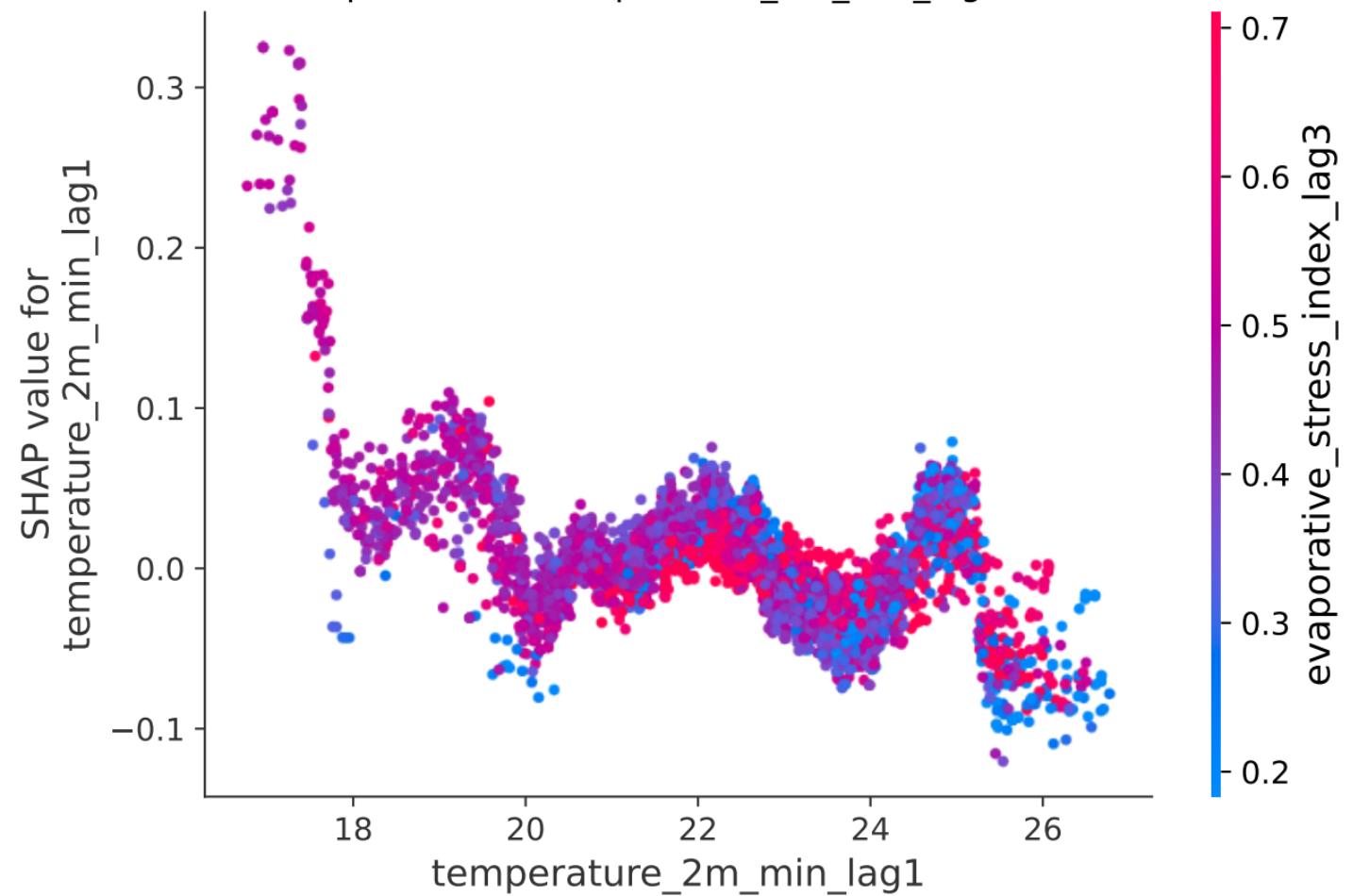
# SHAP Dependence - temperature\_2m\_lag2 - Class 1



# SHAP Dependence - temperature\_2m\_lag3 - Class 1

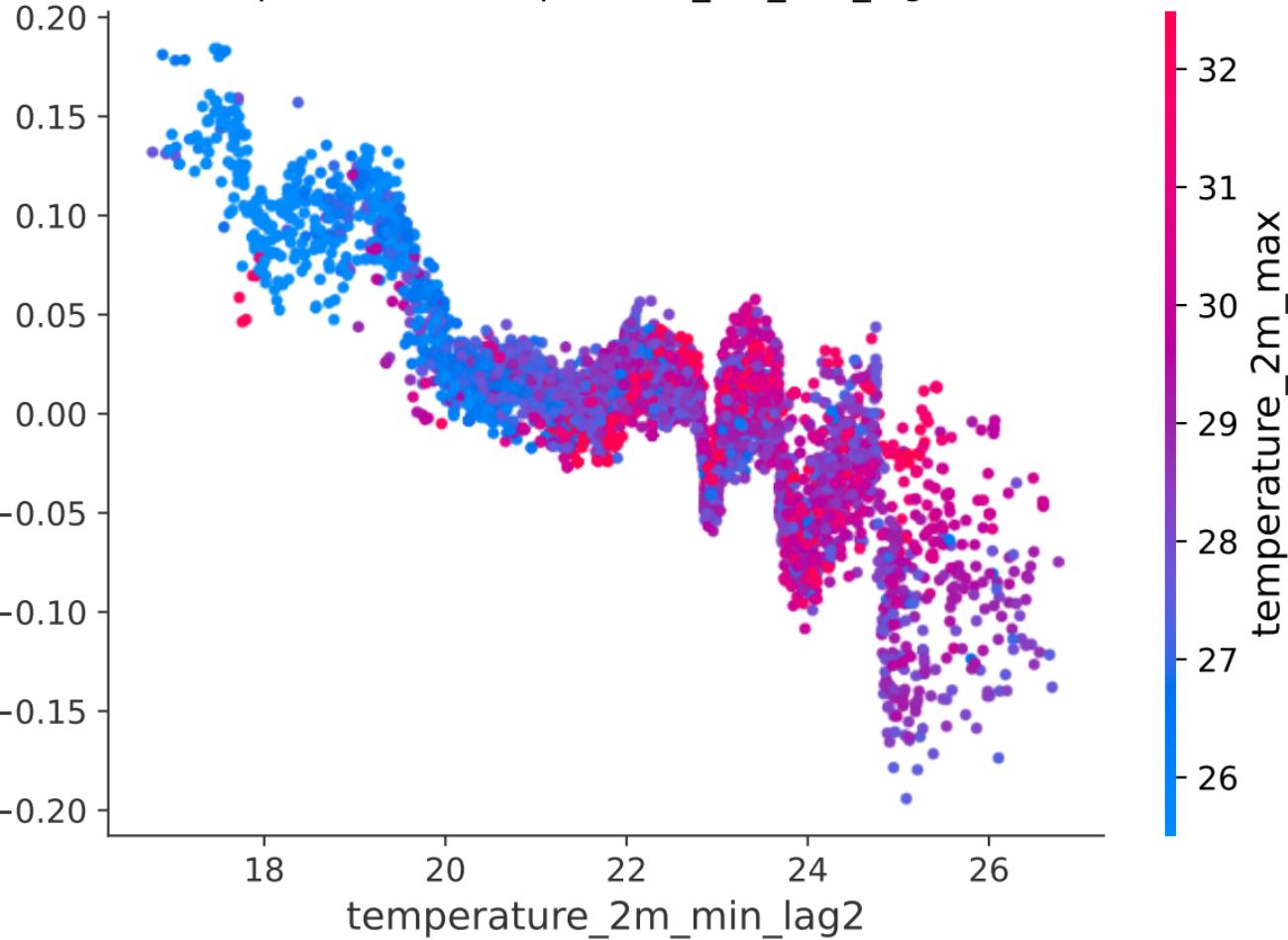


# SHAP Dependence - temperature\_2m\_min\_lag1 - Class 1

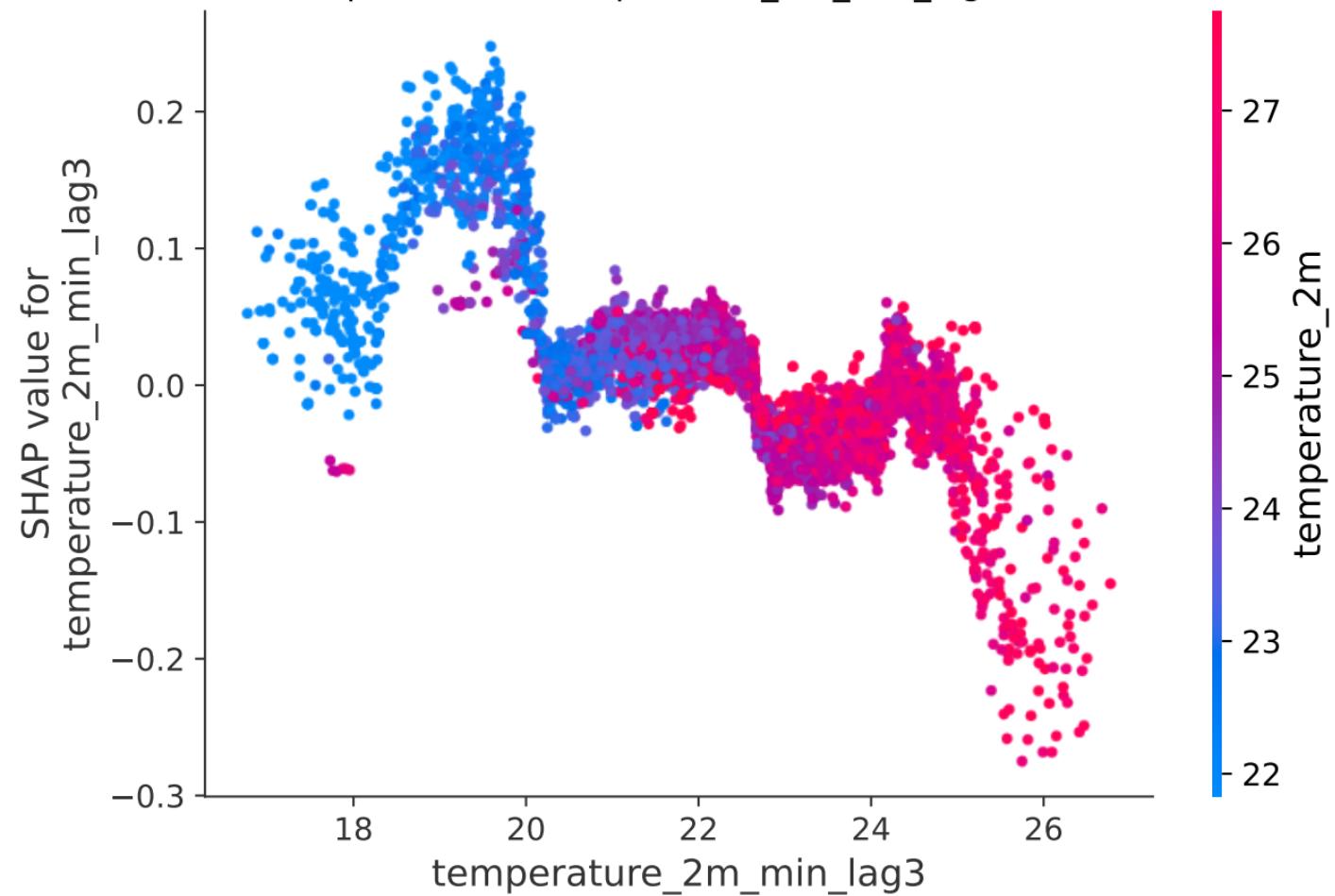


# SHAP Dependence - temperature\_2m\_min\_lag2 - Class 1

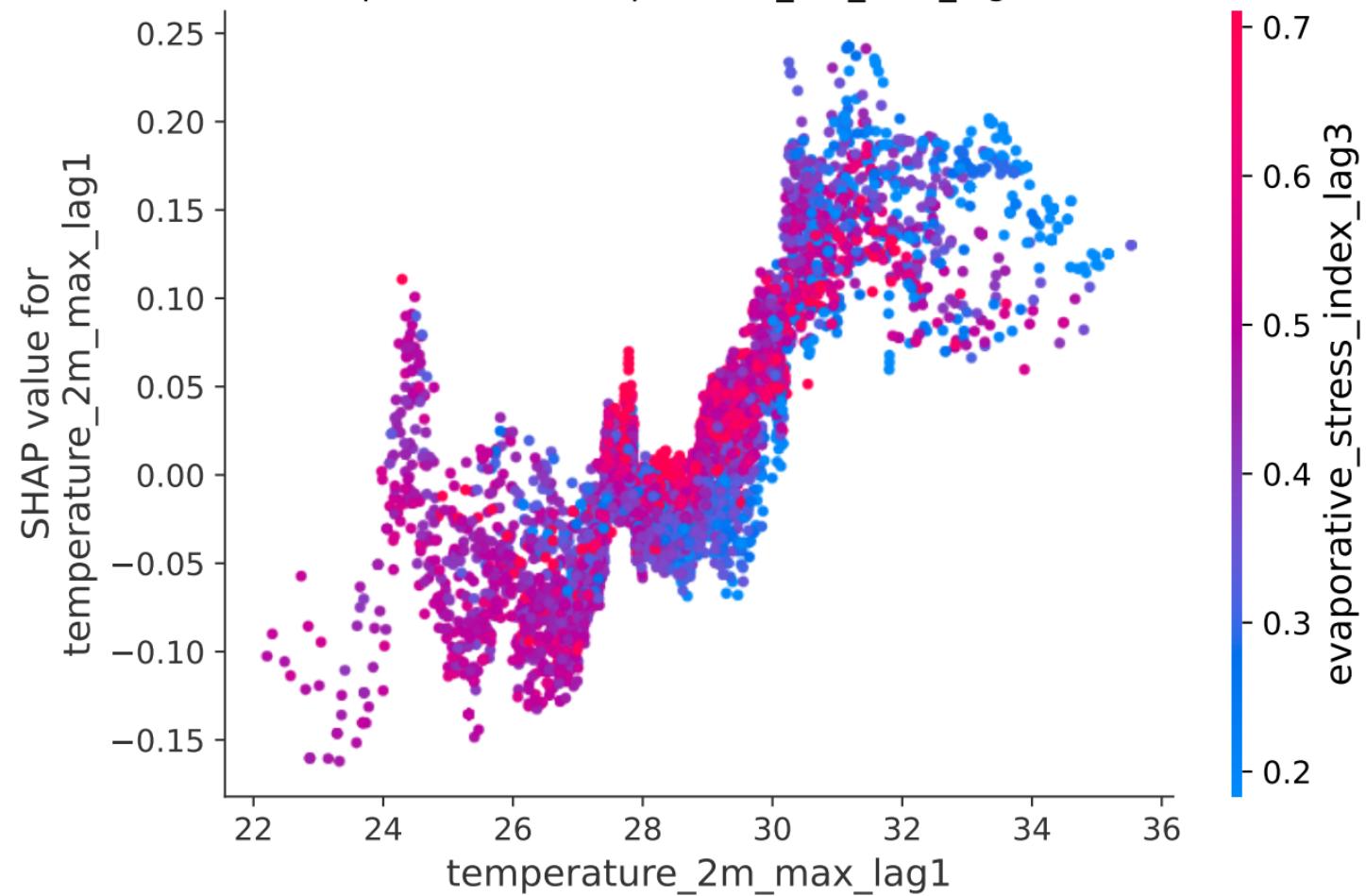
SHAP value for  
temperature\_2m\_min\_lag2



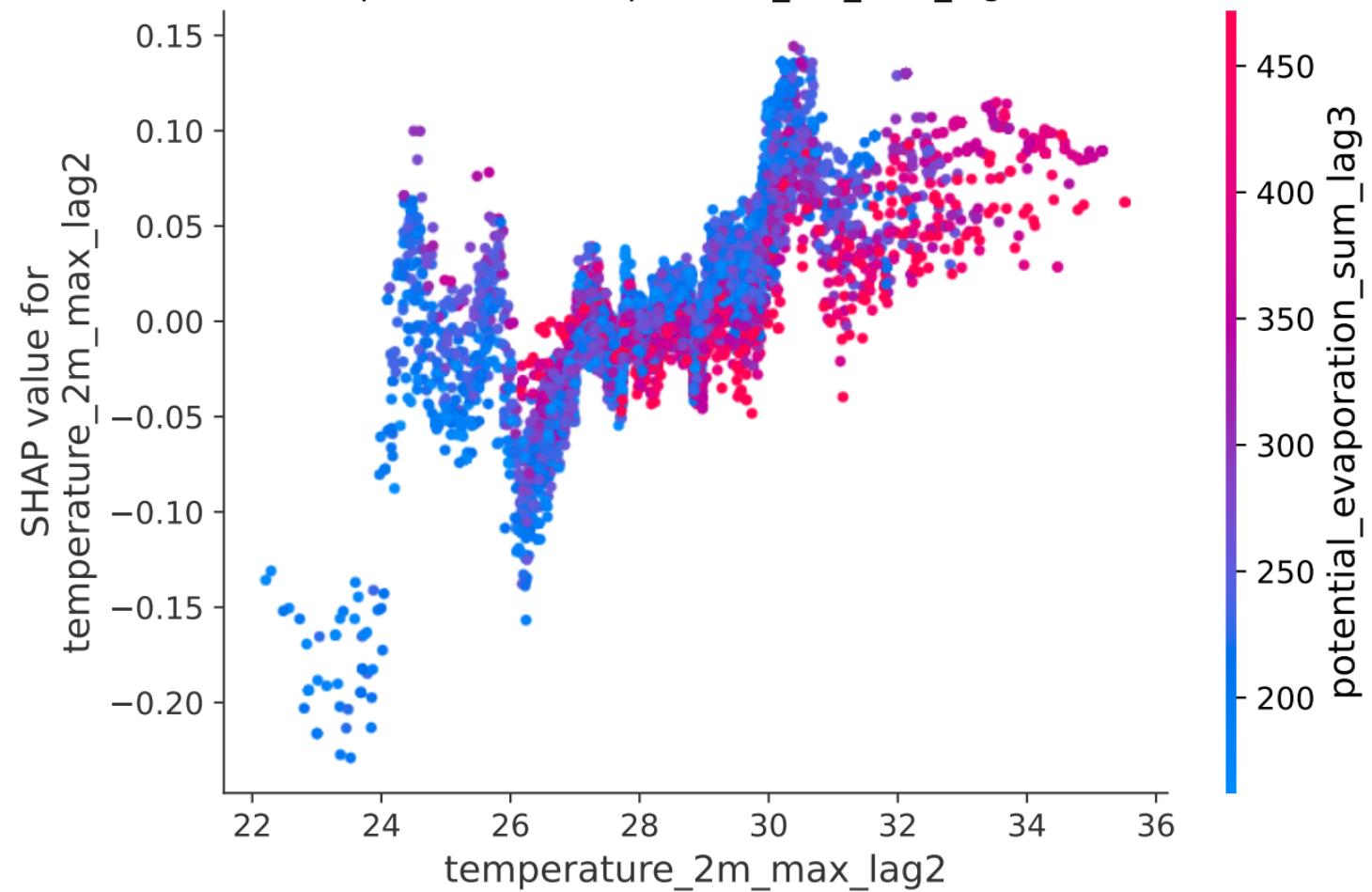
# SHAP Dependence - temperature\_2m\_min\_lag3 - Class 1



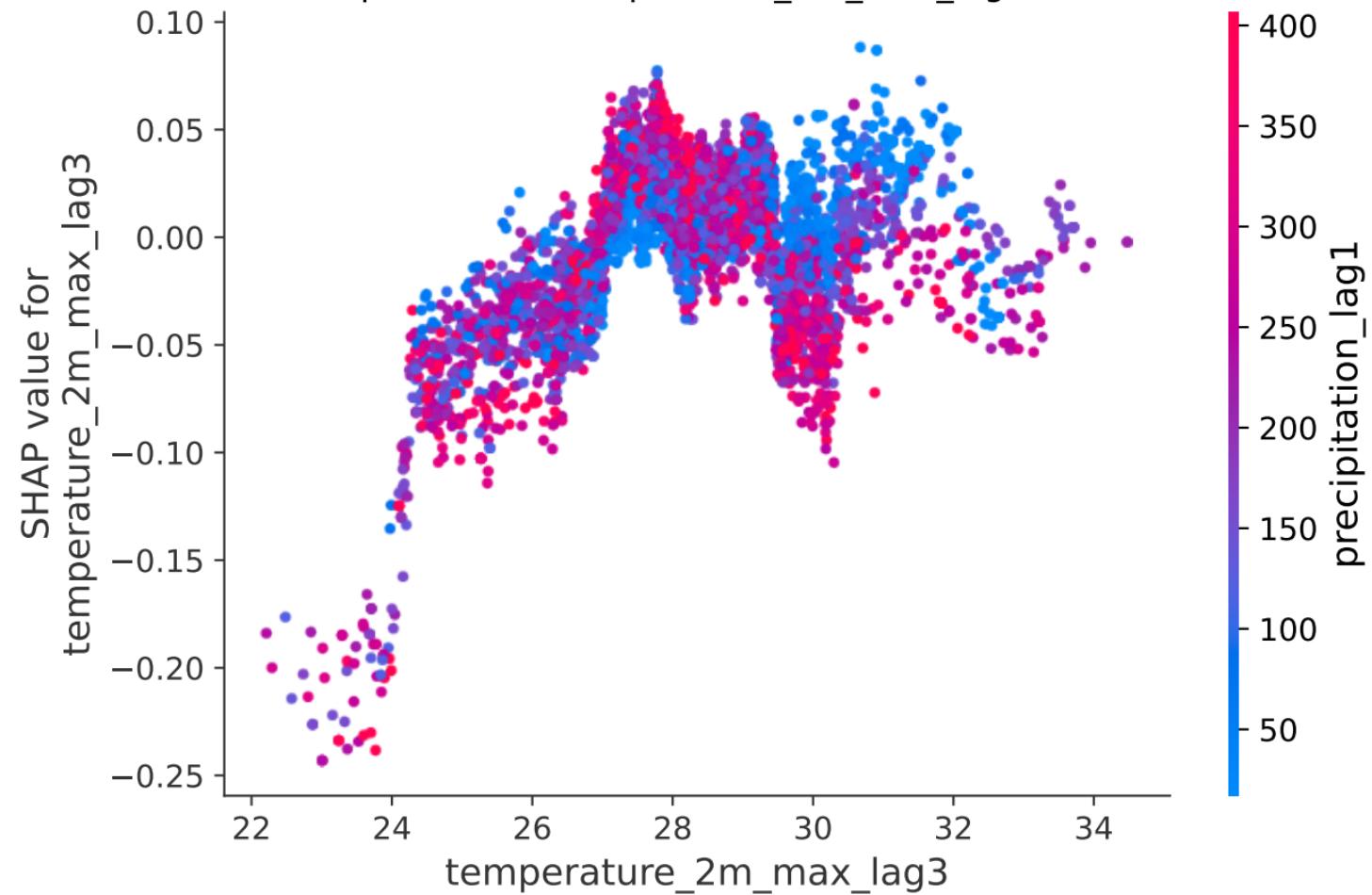
# SHAP Dependence - temperature\_2m\_max\_lag1 - Class 1



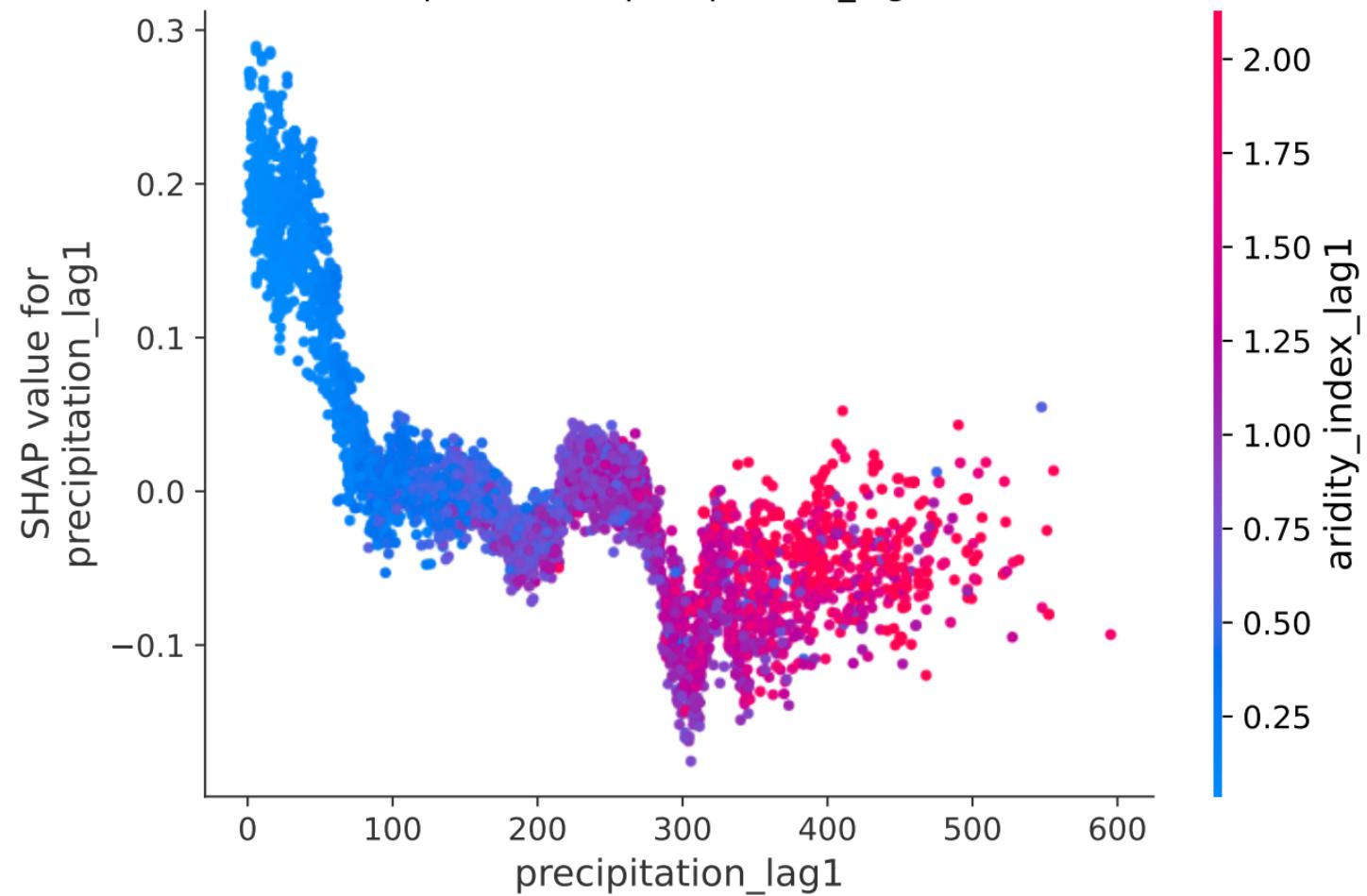
# SHAP Dependence - temperature\_2m\_max\_lag2 - Class 1



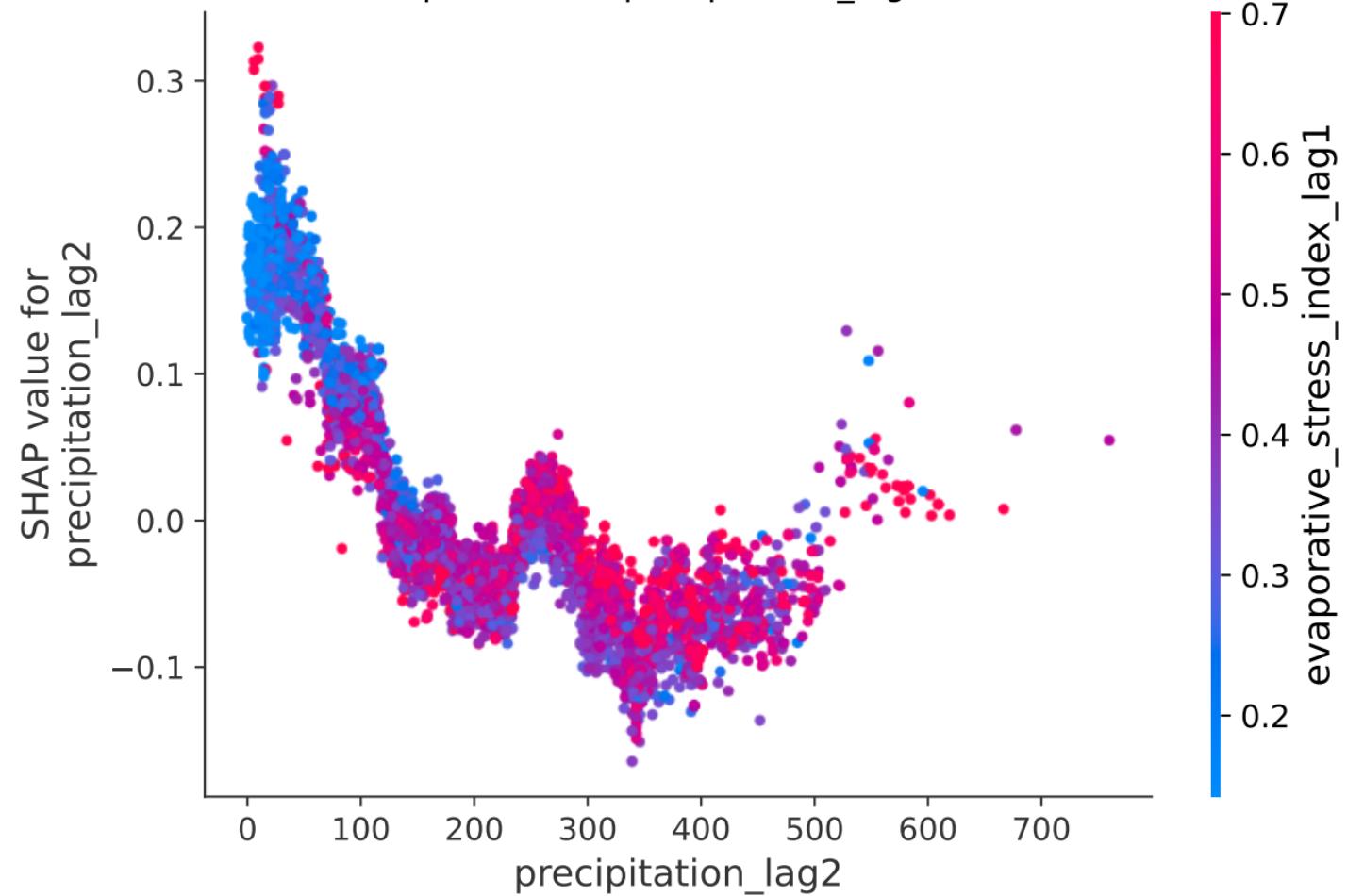
# SHAP Dependence - temperature\_2m\_max\_lag3 - Class 1



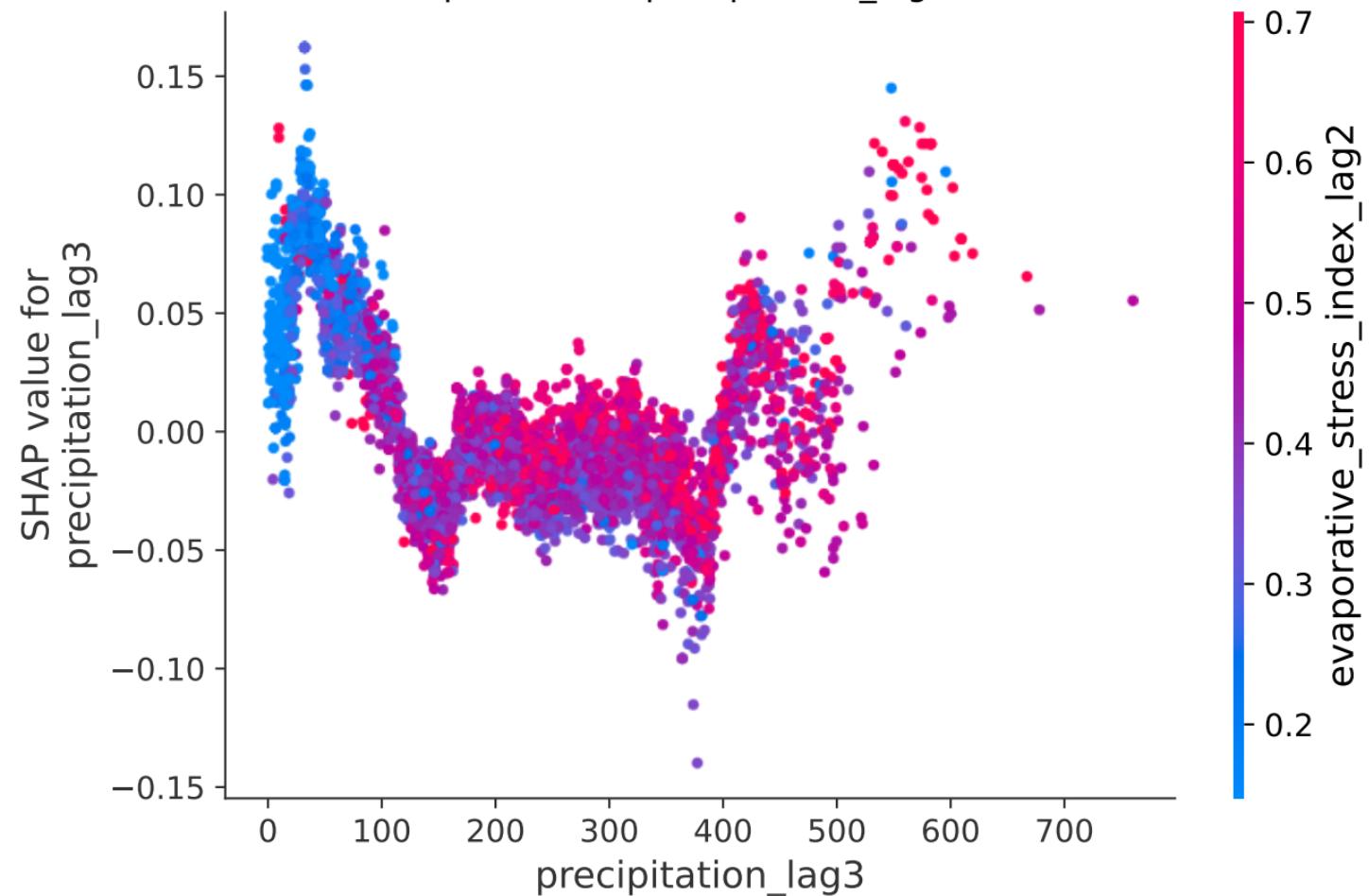
# SHAP Dependence - precipitation\_lag1 - Class 1



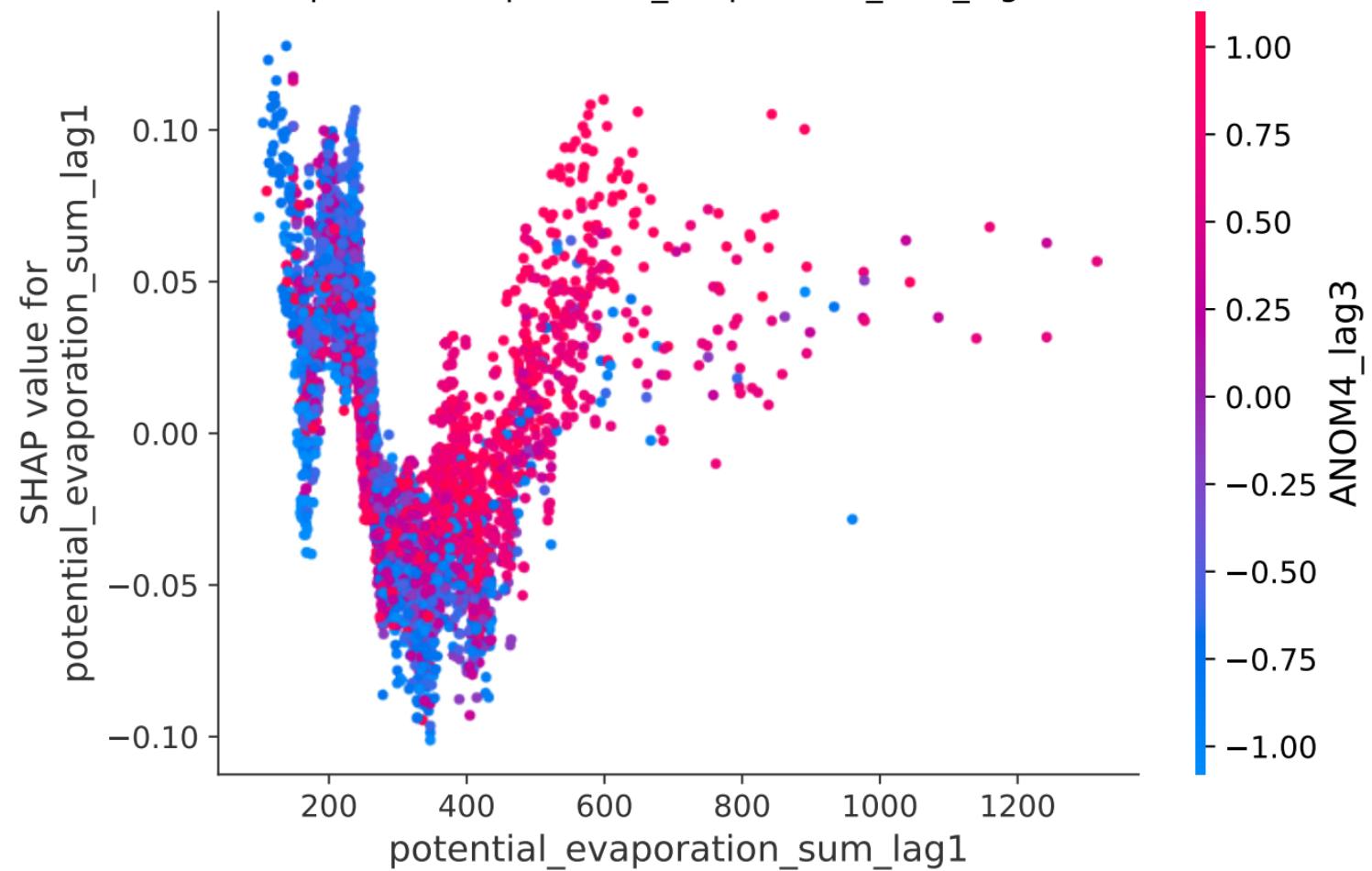
# SHAP Dependence - precipitation\_lag2 - Class 1



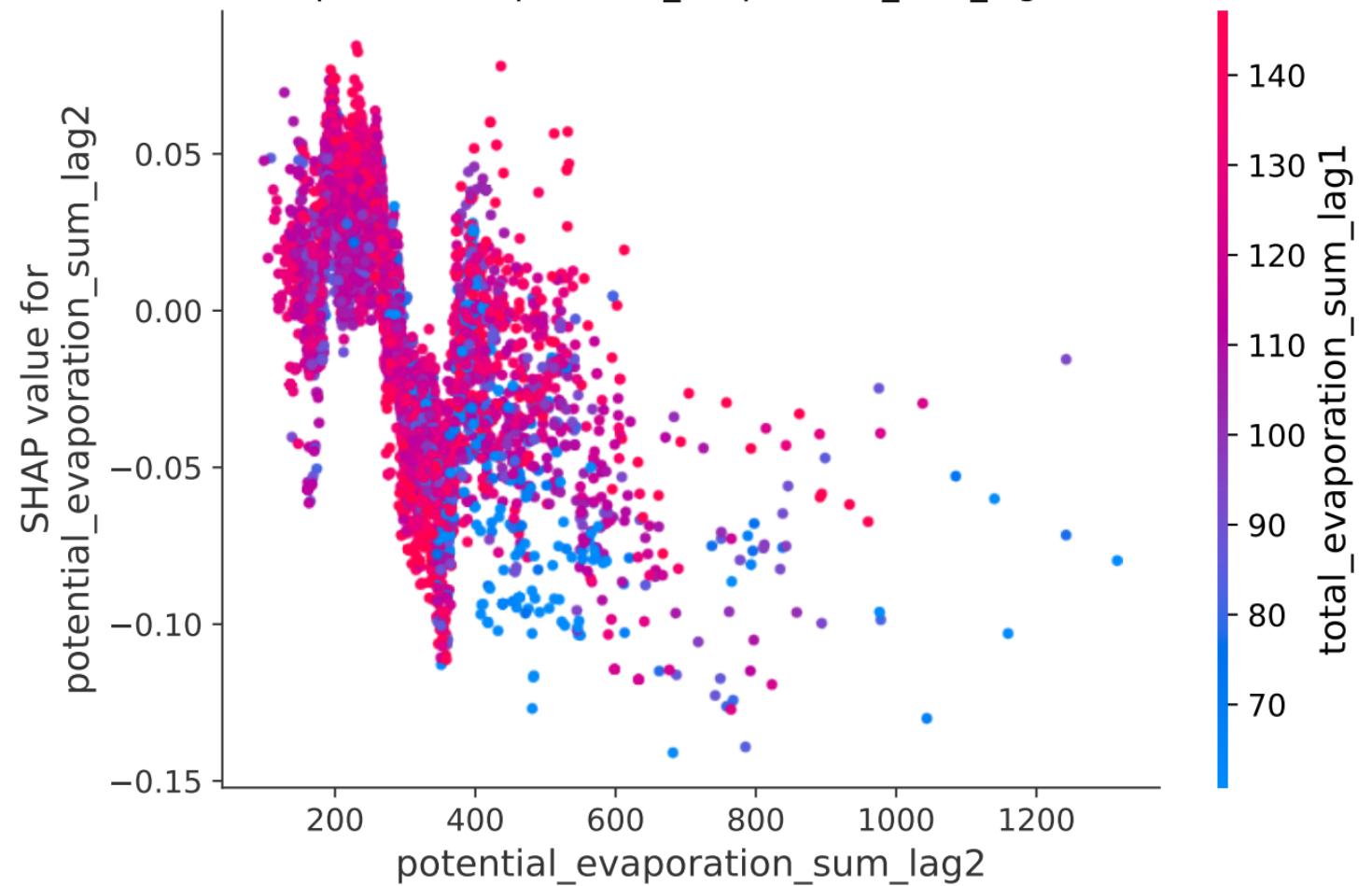
# SHAP Dependence - precipitation\_lag3 - Class 1



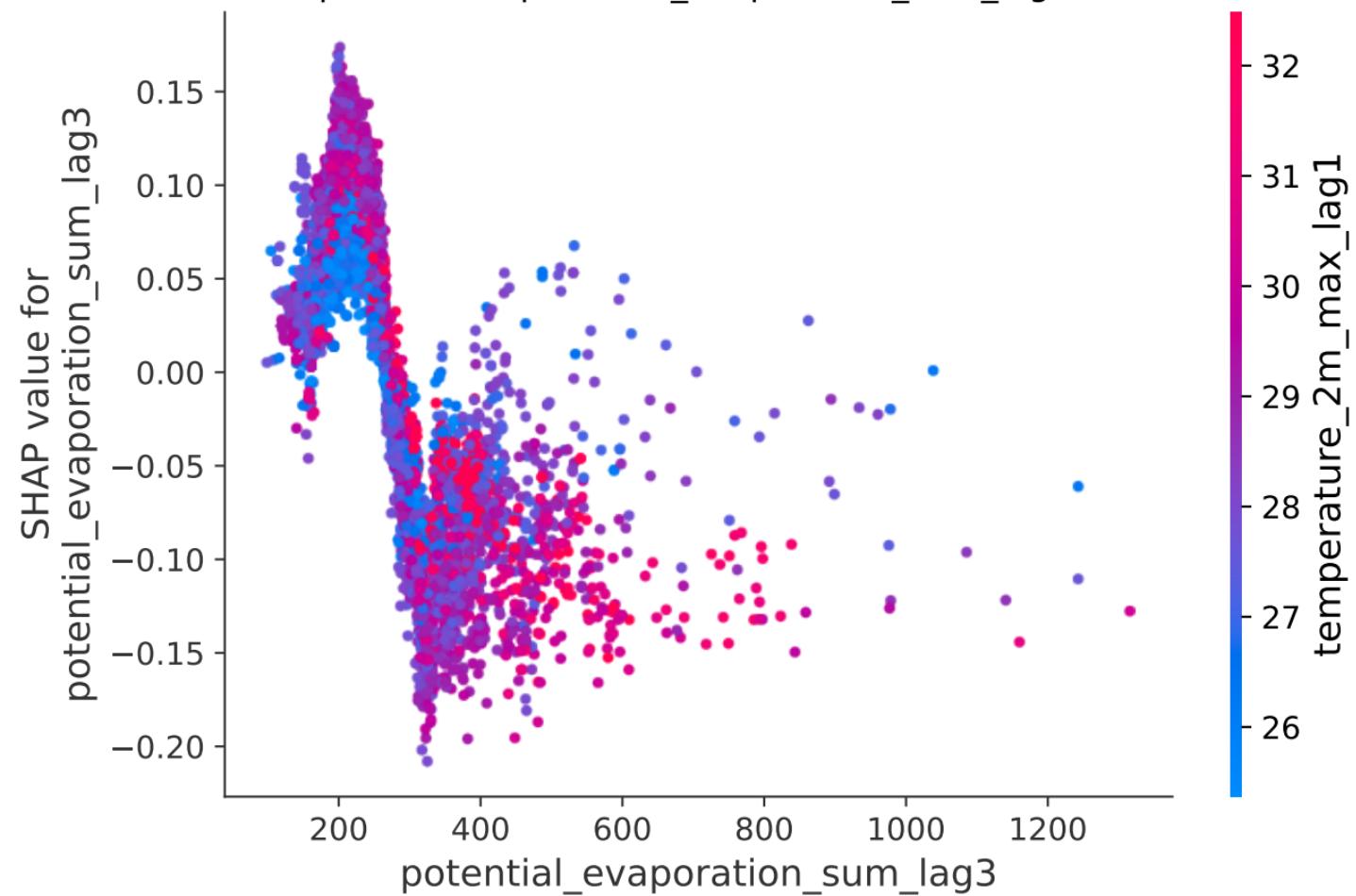
# SHAP Dependence - potential\_evaporation\_sum\_lag1 - Class 1



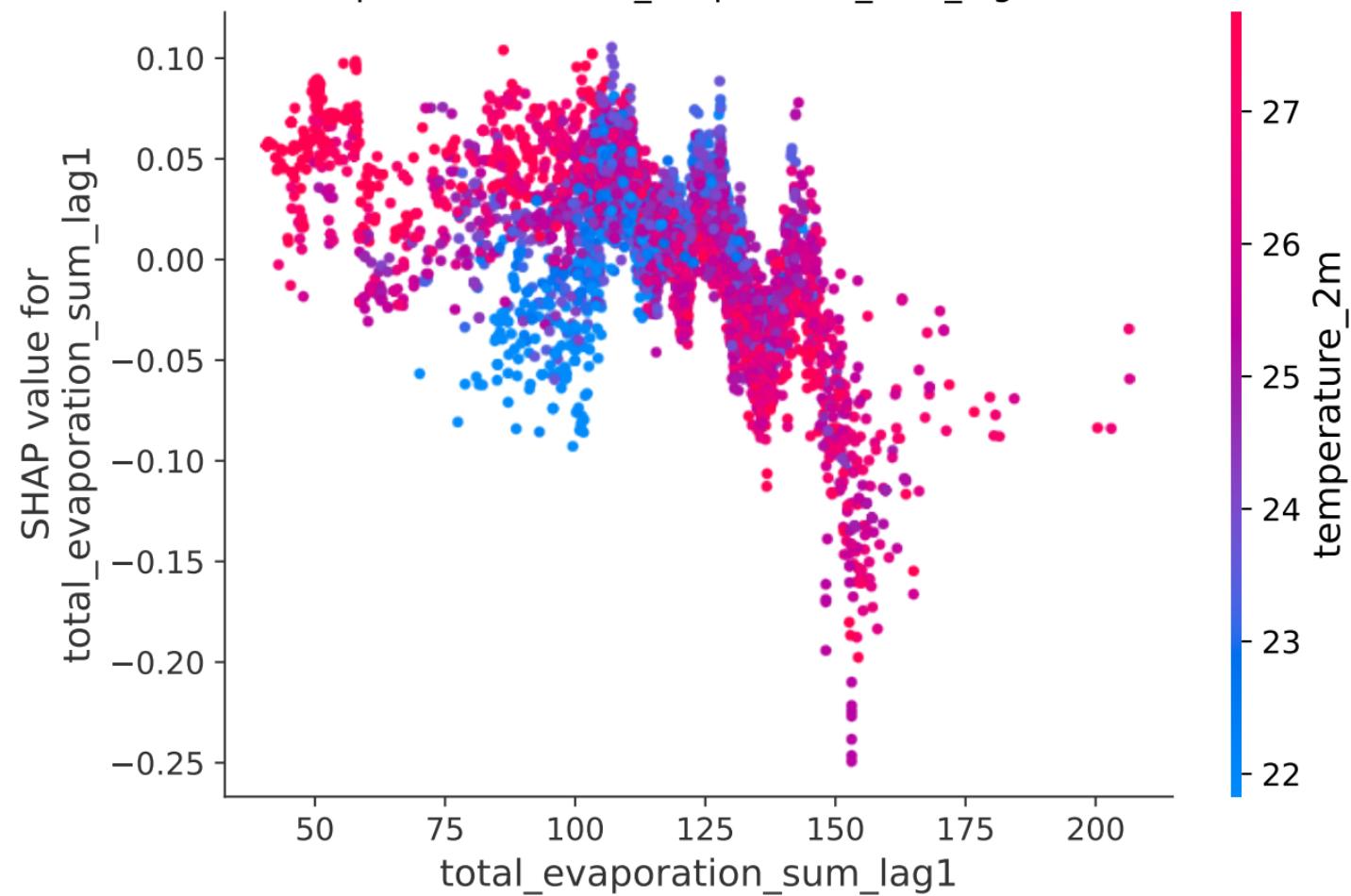
# SHAP Dependence - potential\_evaporation\_sum\_lag2 - Class 1



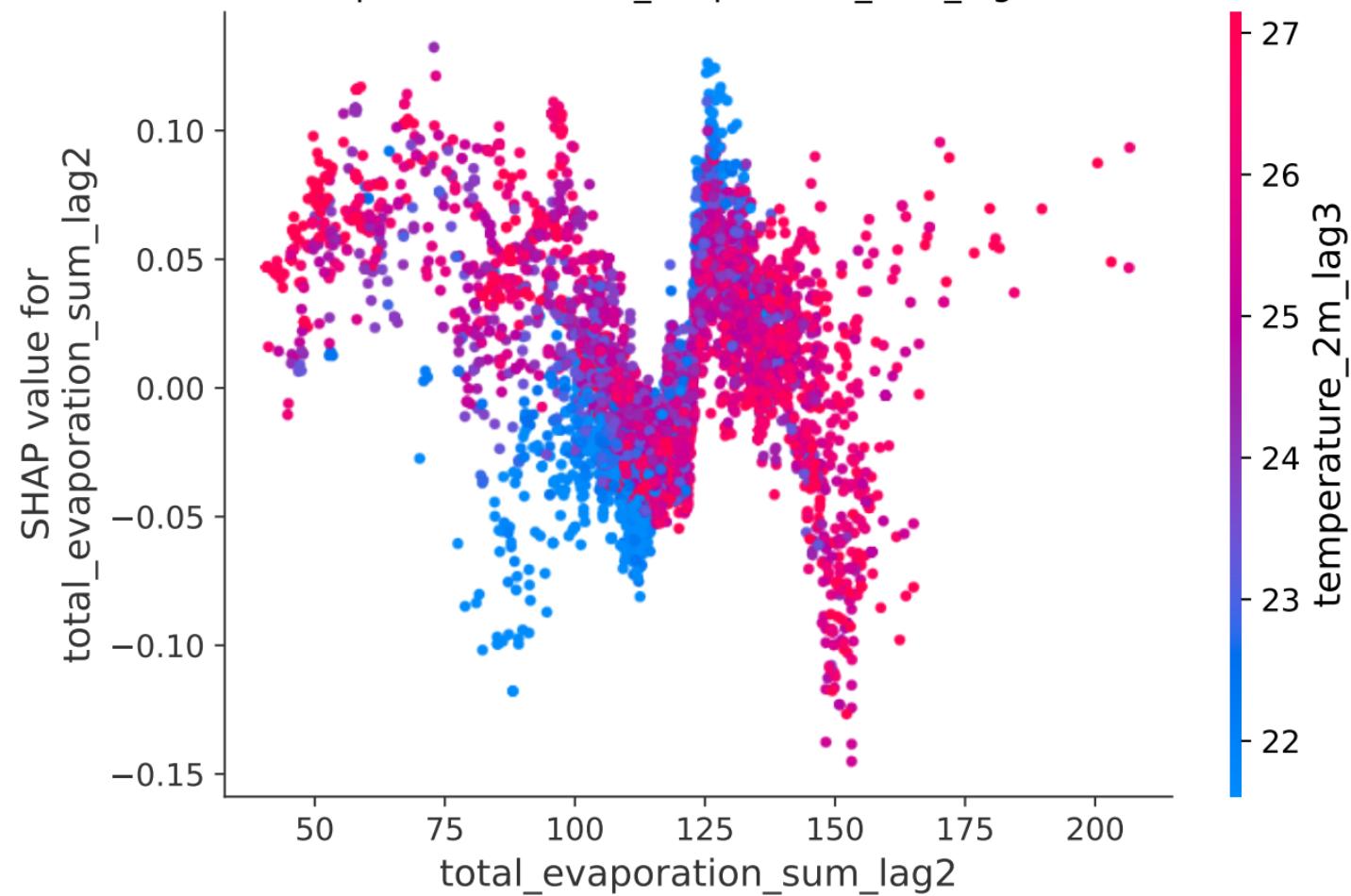
# SHAP Dependence - potential\_evaporation\_sum\_lag3 - Class 1



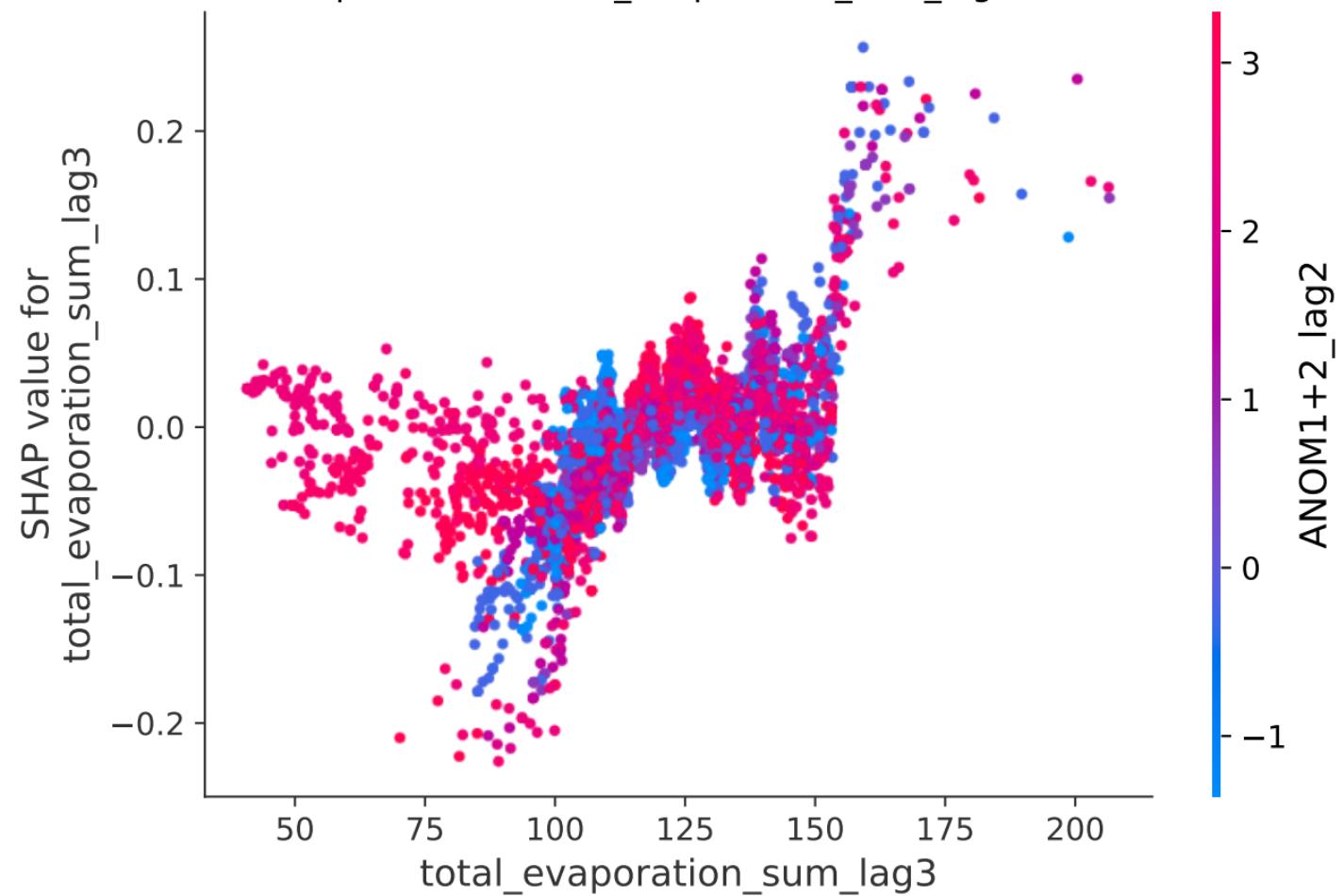
# SHAP Dependence - total\_evaporation\_sum\_lag1 - Class 1



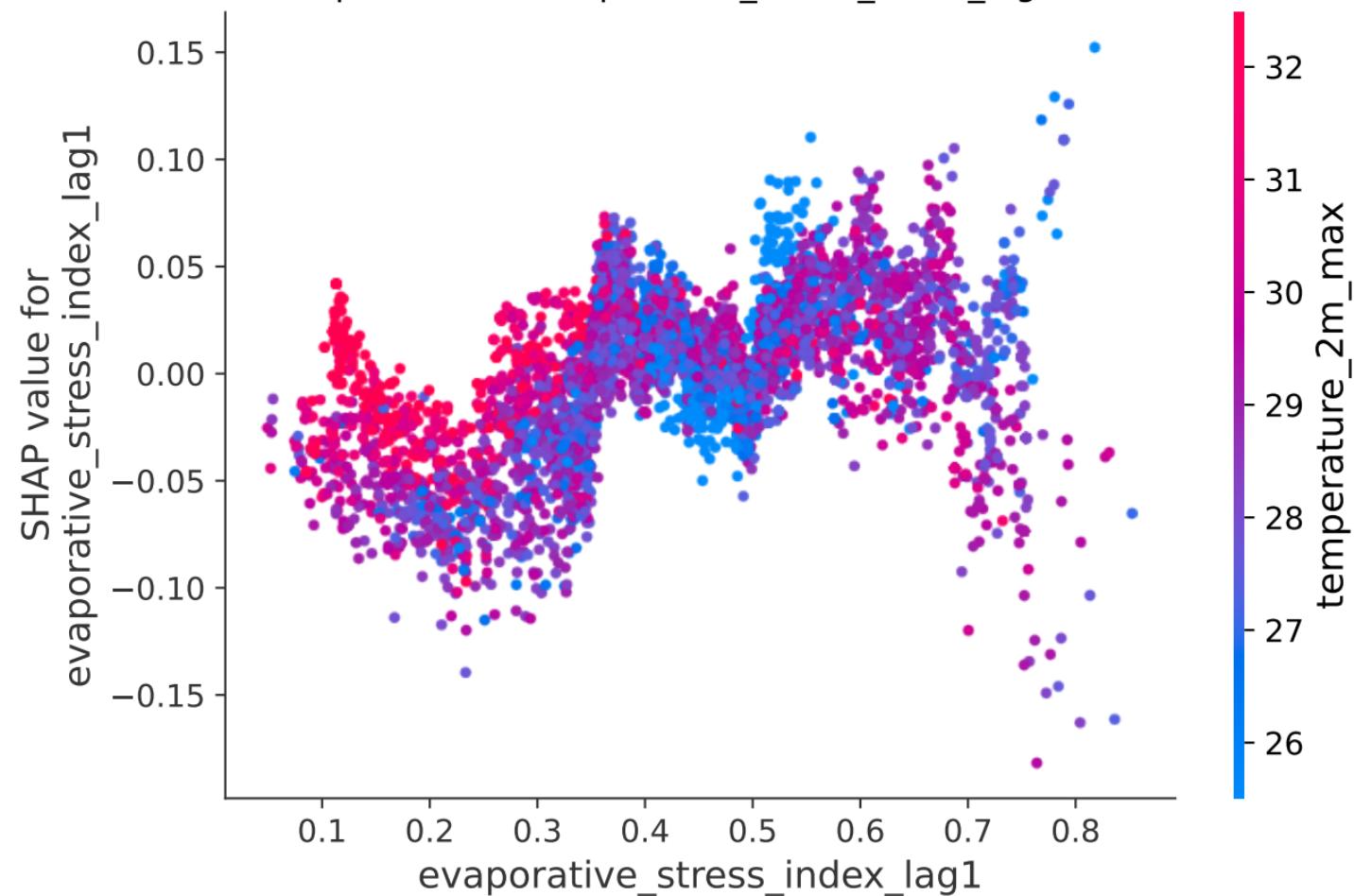
# SHAP Dependence - total\_evaporation\_sum\_lag2 - Class 1



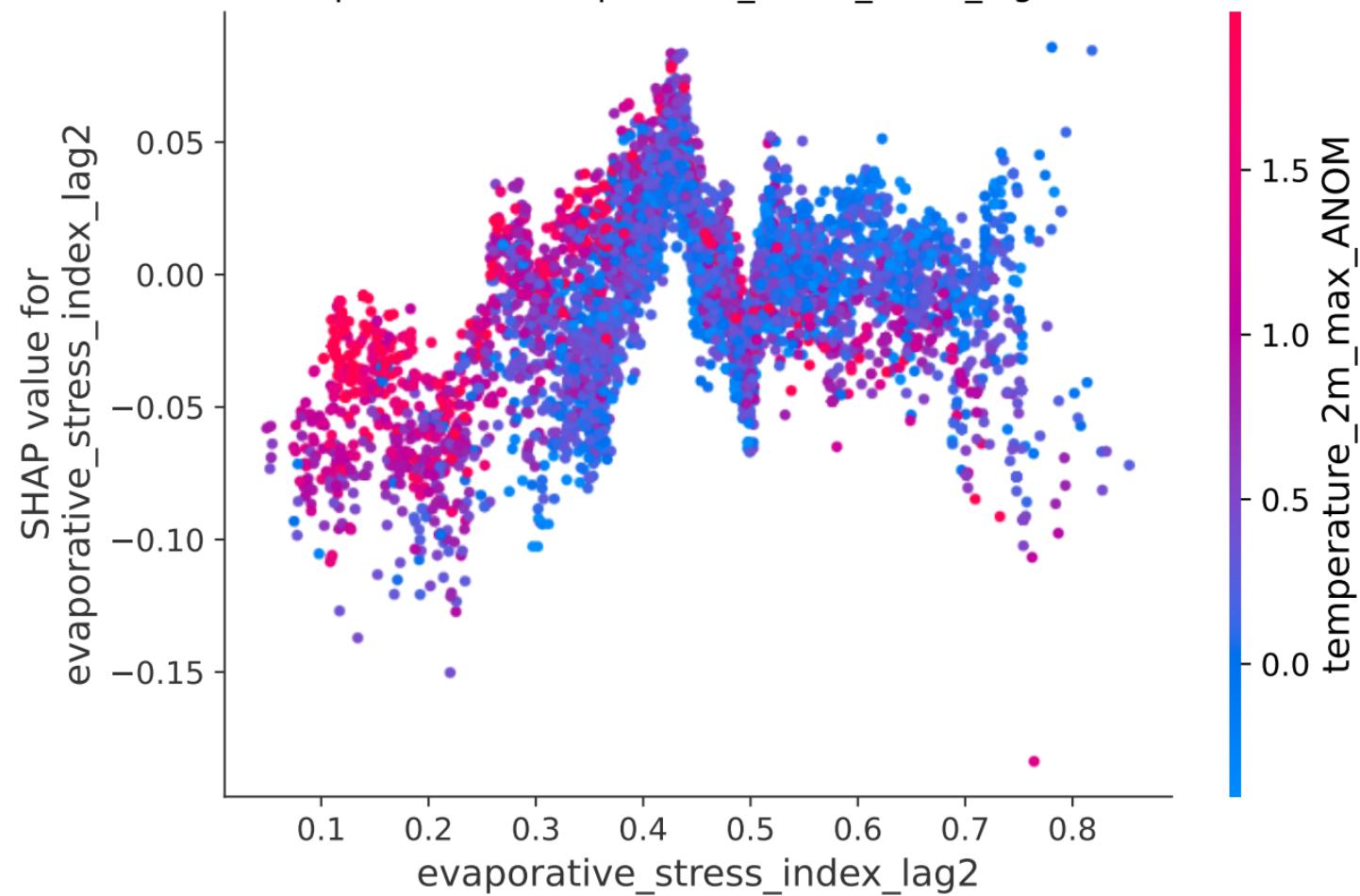
# SHAP Dependence - total\_evaporation\_sum\_lag3 - Class 1



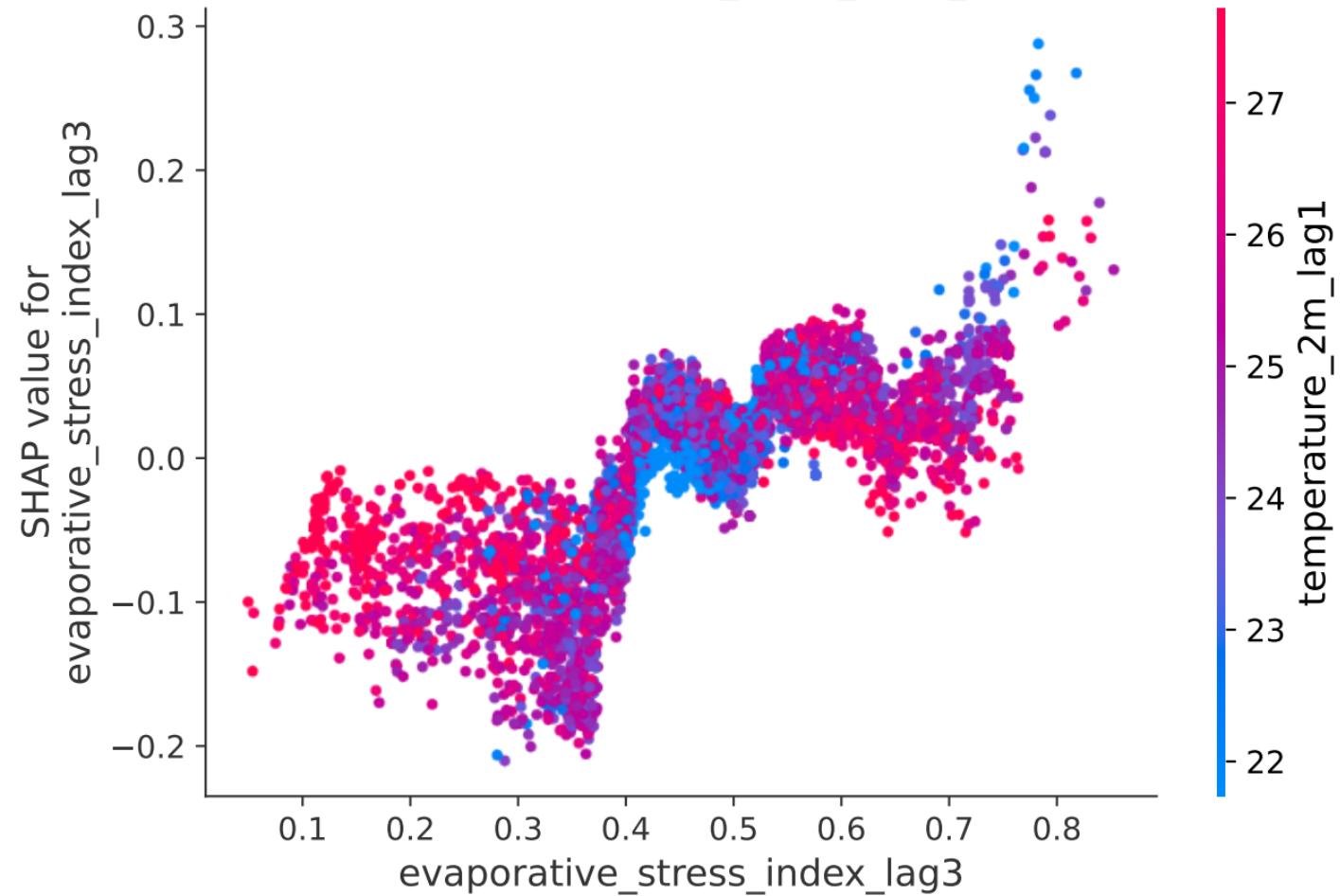
# SHAP Dependence - evaporative\_stress\_index\_lag1 - Class 1



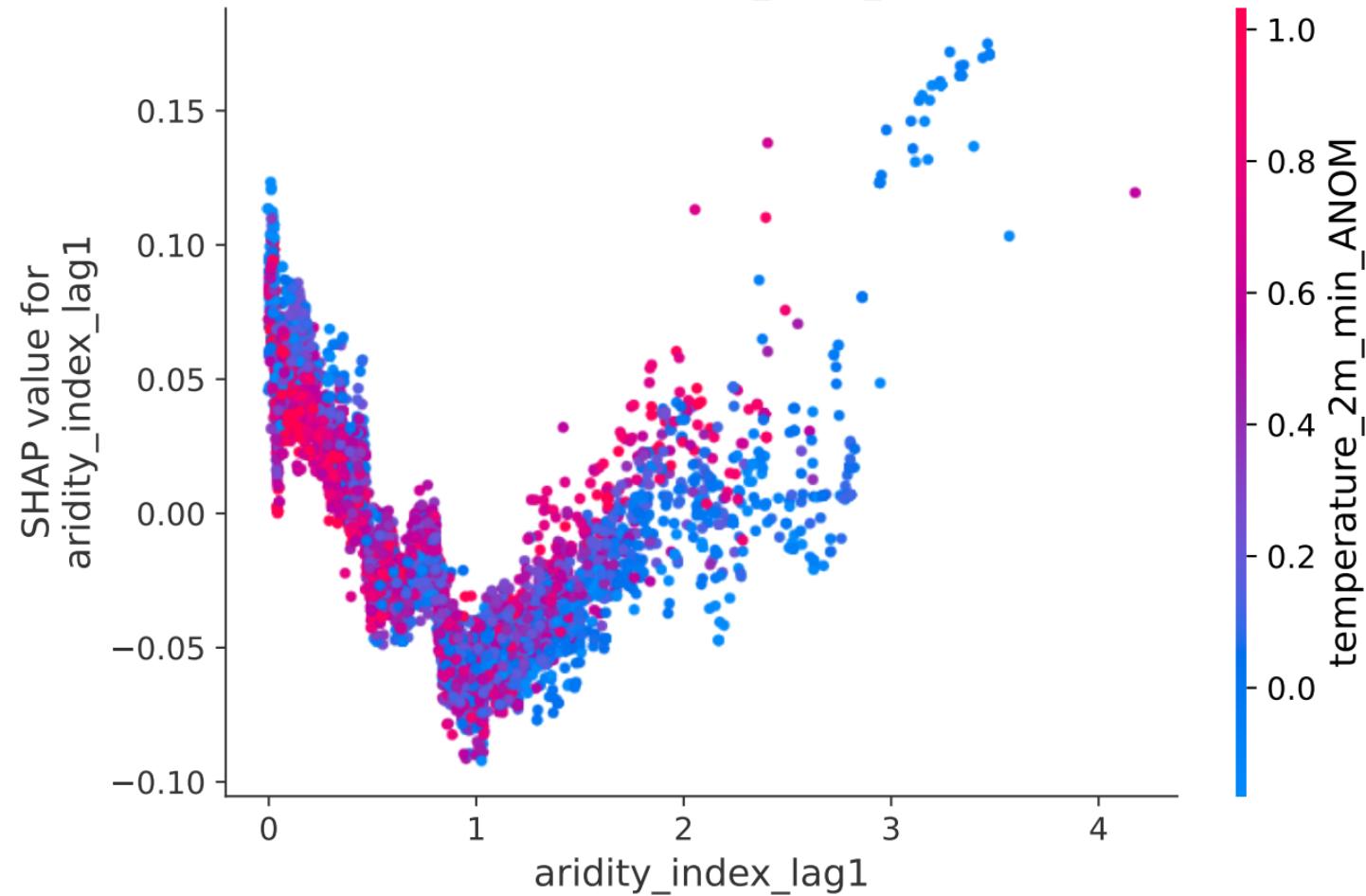
# SHAP Dependence - evaporative\_stress\_index\_lag2 - Class 1



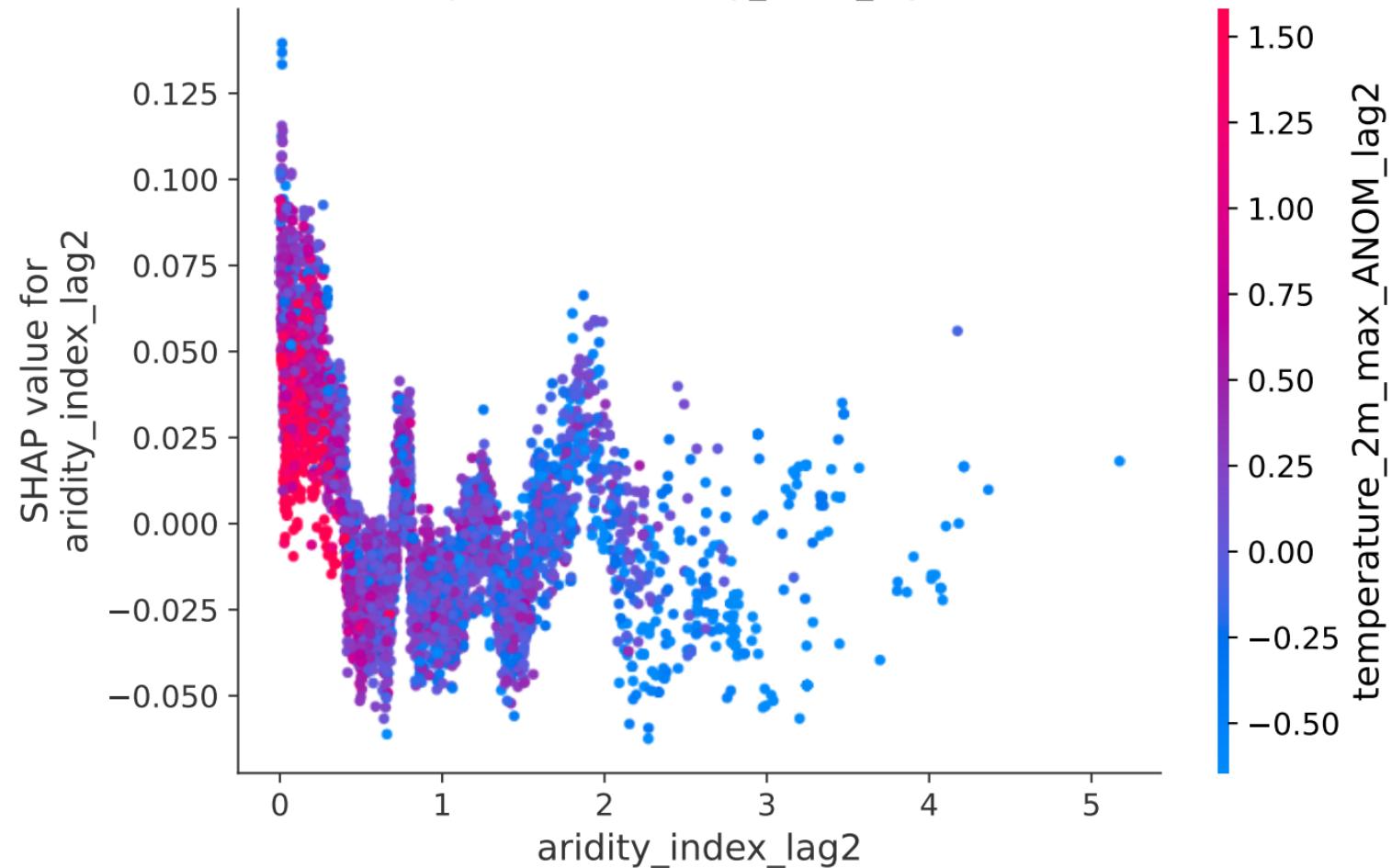
# SHAP Dependence - evaporative\_stress\_index\_lag3 - Class 1



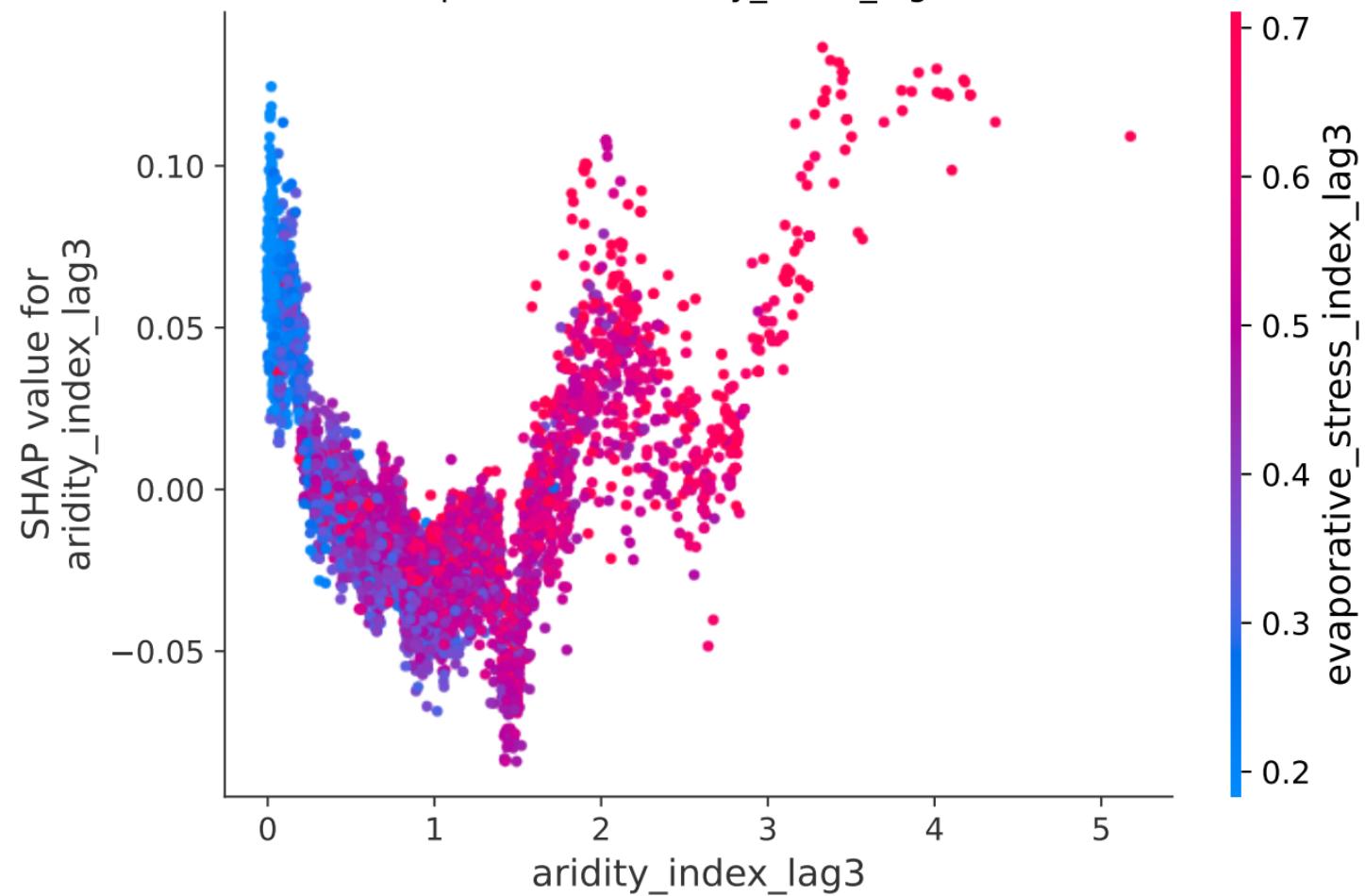
# SHAP Dependence - aridity\_index\_lag1 - Class 1



# SHAP Dependence - aridity\_index\_lag2 - Class 1

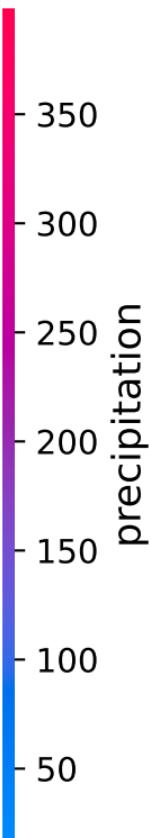


# SHAP Dependence - aridity\_index\_lag3 - Class 1



# SHAP Dependence - temperature\_2m\_ANOM\_lag1 - Class 1

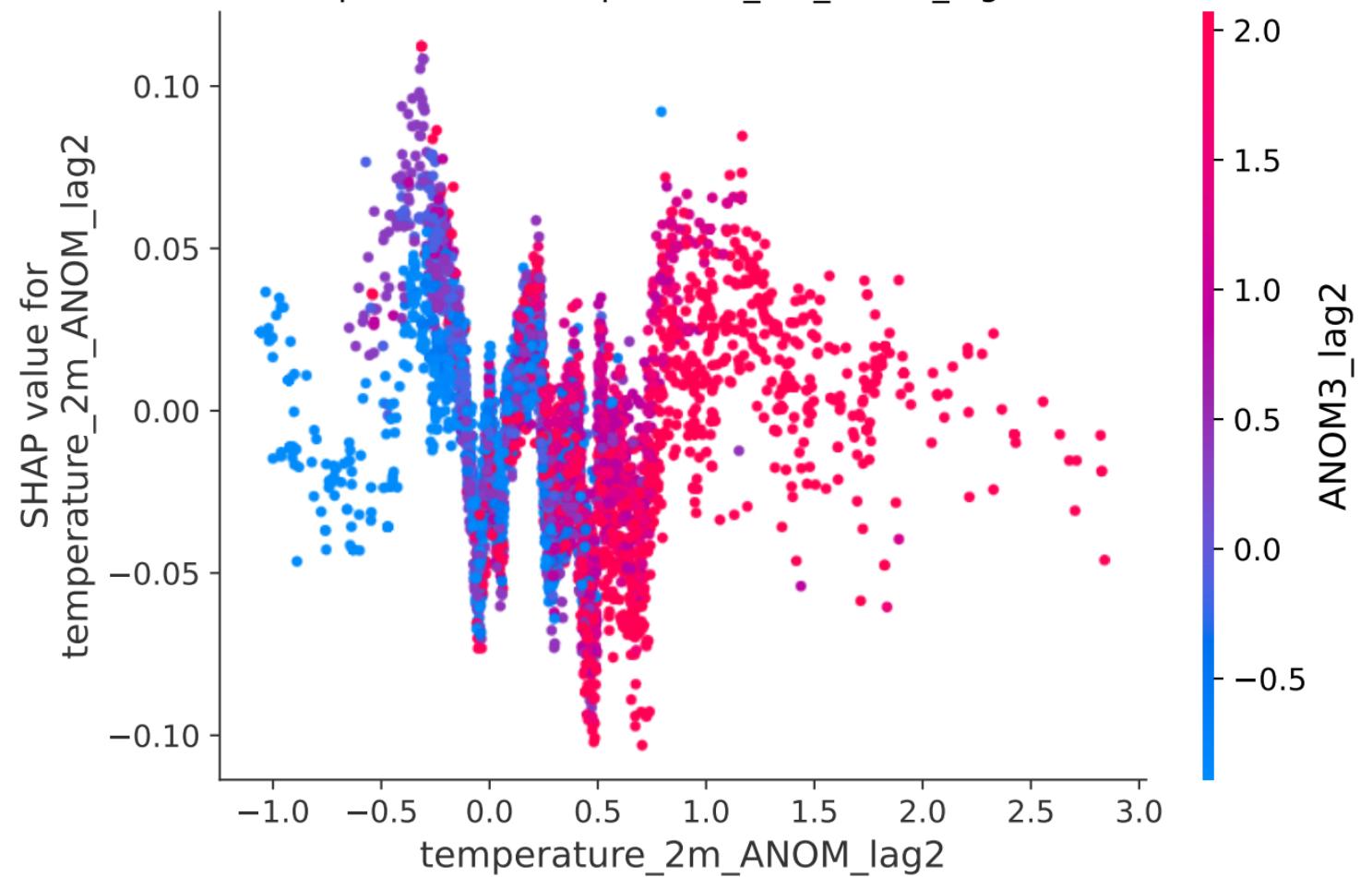
SHAP value for  
temperature\_2m\_ANOM\_lag1



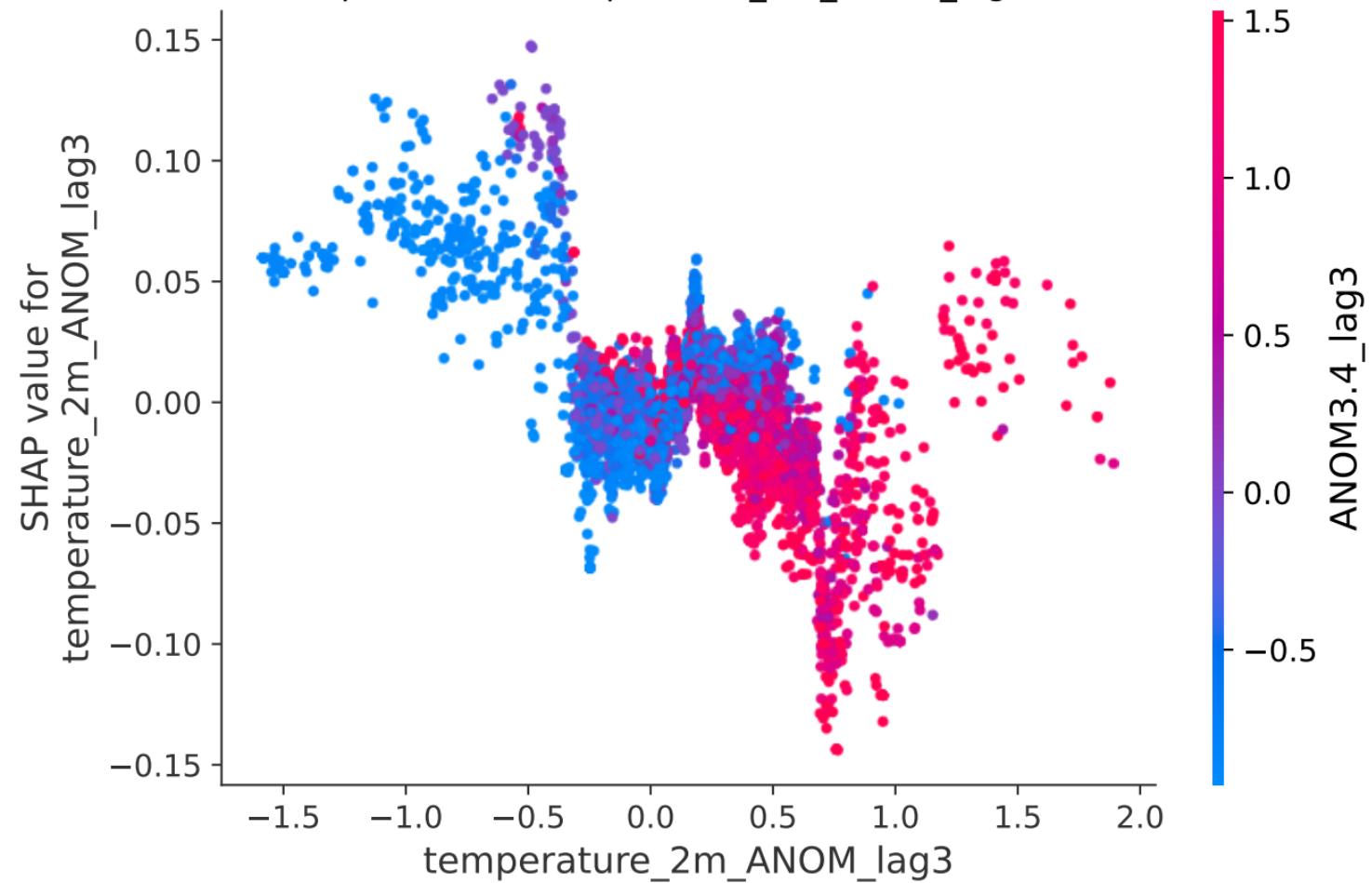
-0.5 0.0 0.5 1.0 1.5 2.0 2.5 3.0

temperature\_2m\_ANOM\_lag1

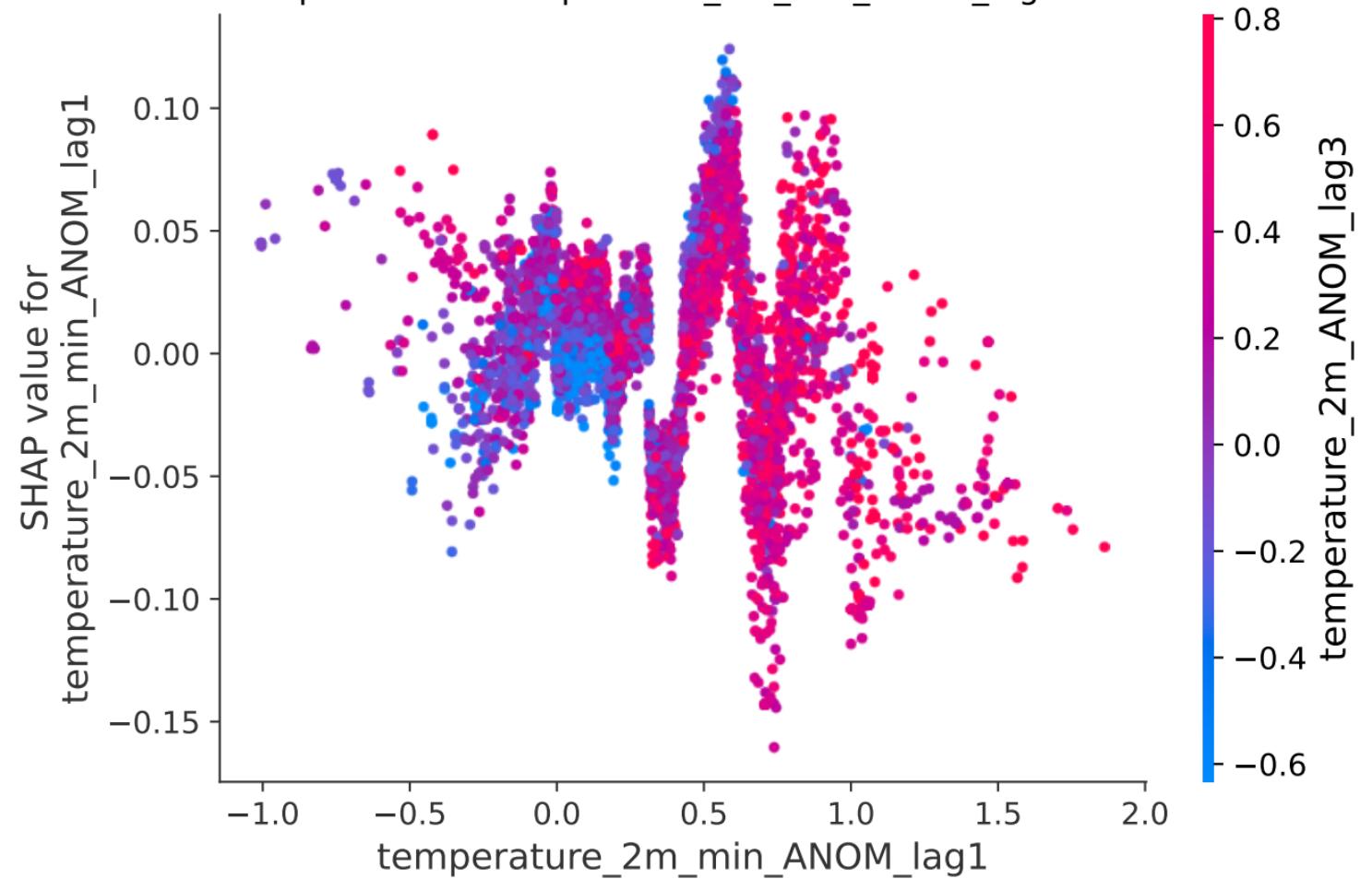
# SHAP Dependence - temperature\_2m\_ANOM\_lag2 - Class 1



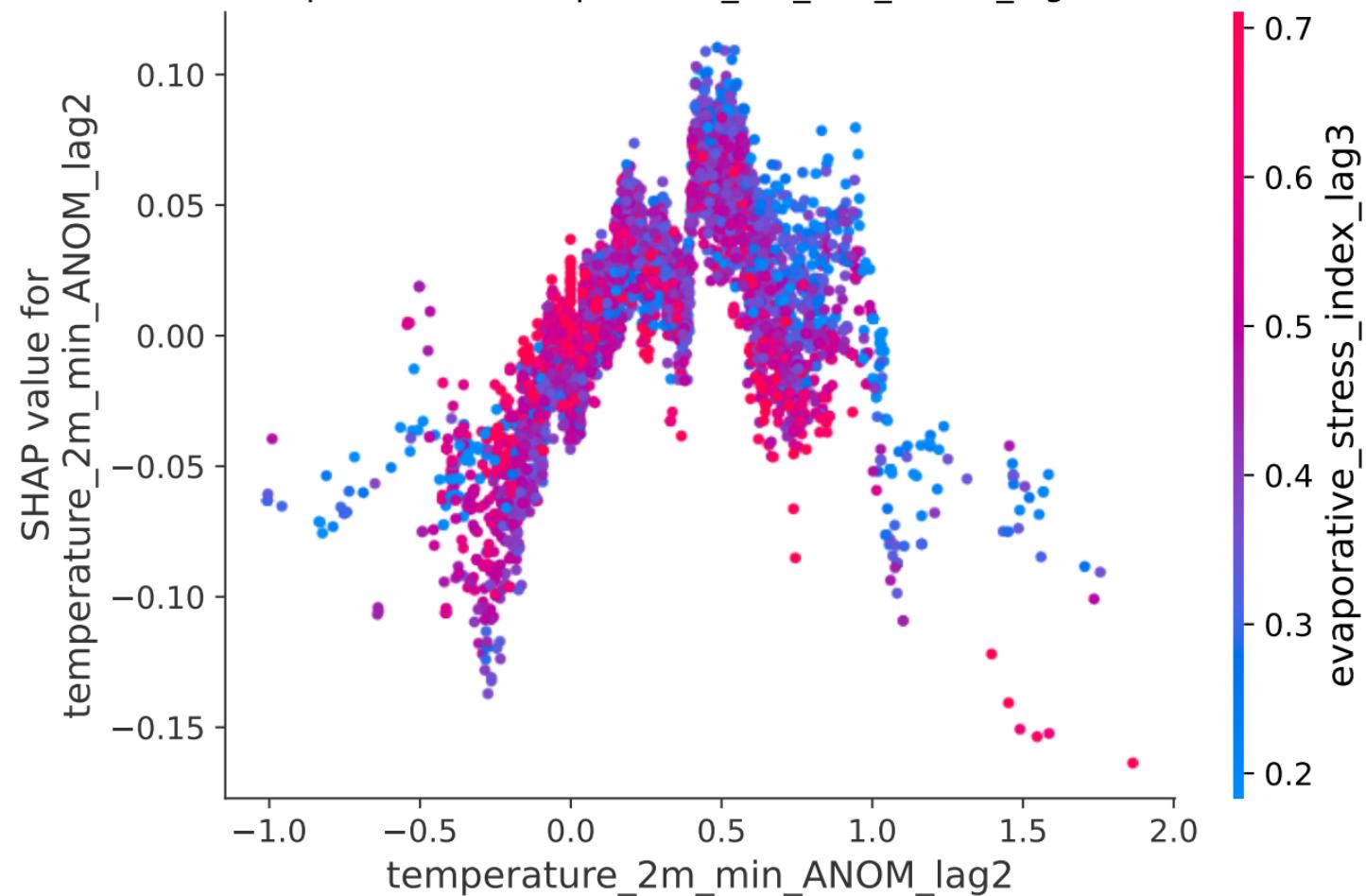
# SHAP Dependence - temperature\_2m\_ANOM\_lag3 - Class 1



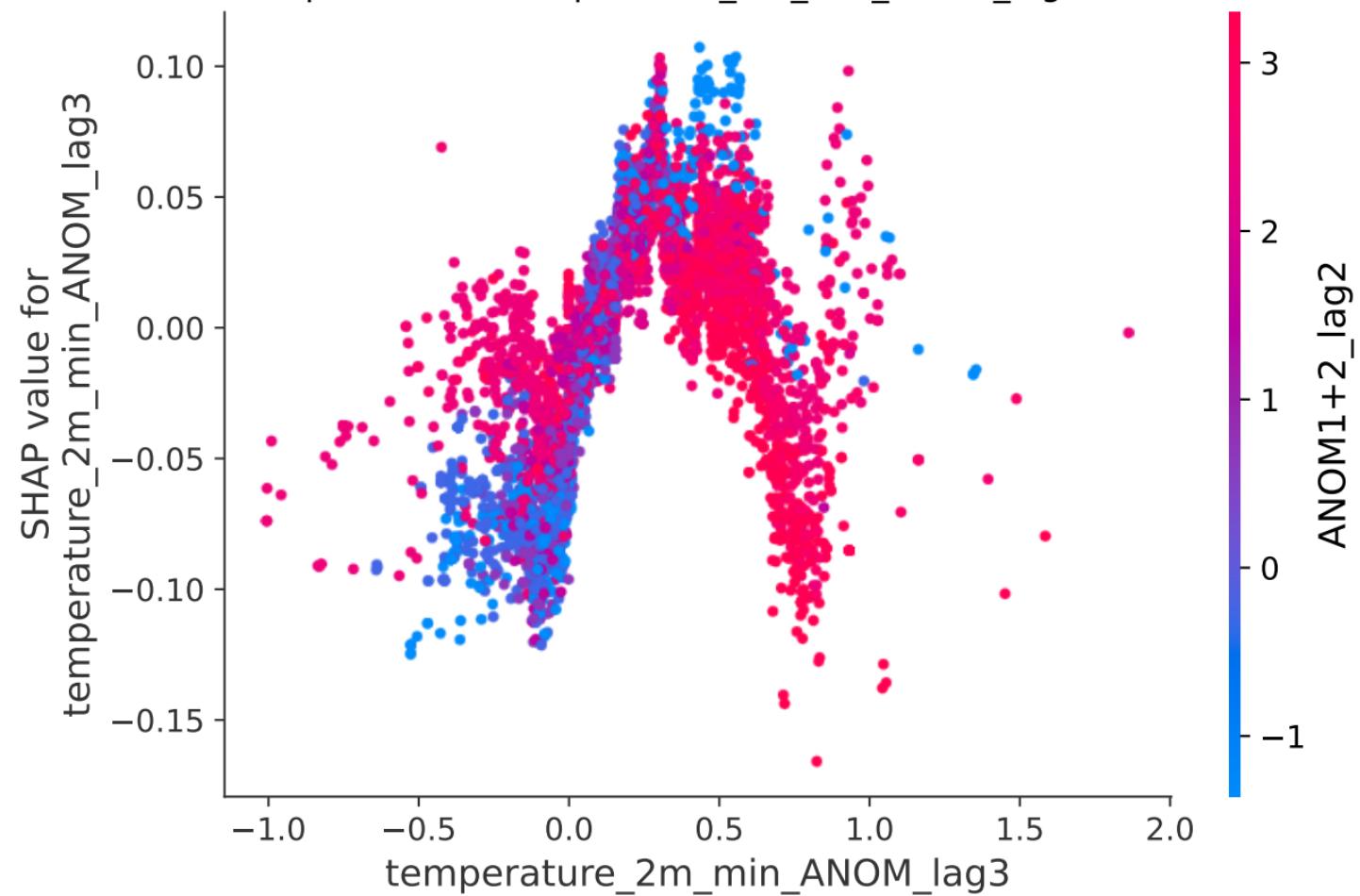
# SHAP Dependence - temperature\_2m\_min\_ANOM\_lag1 - Class 1



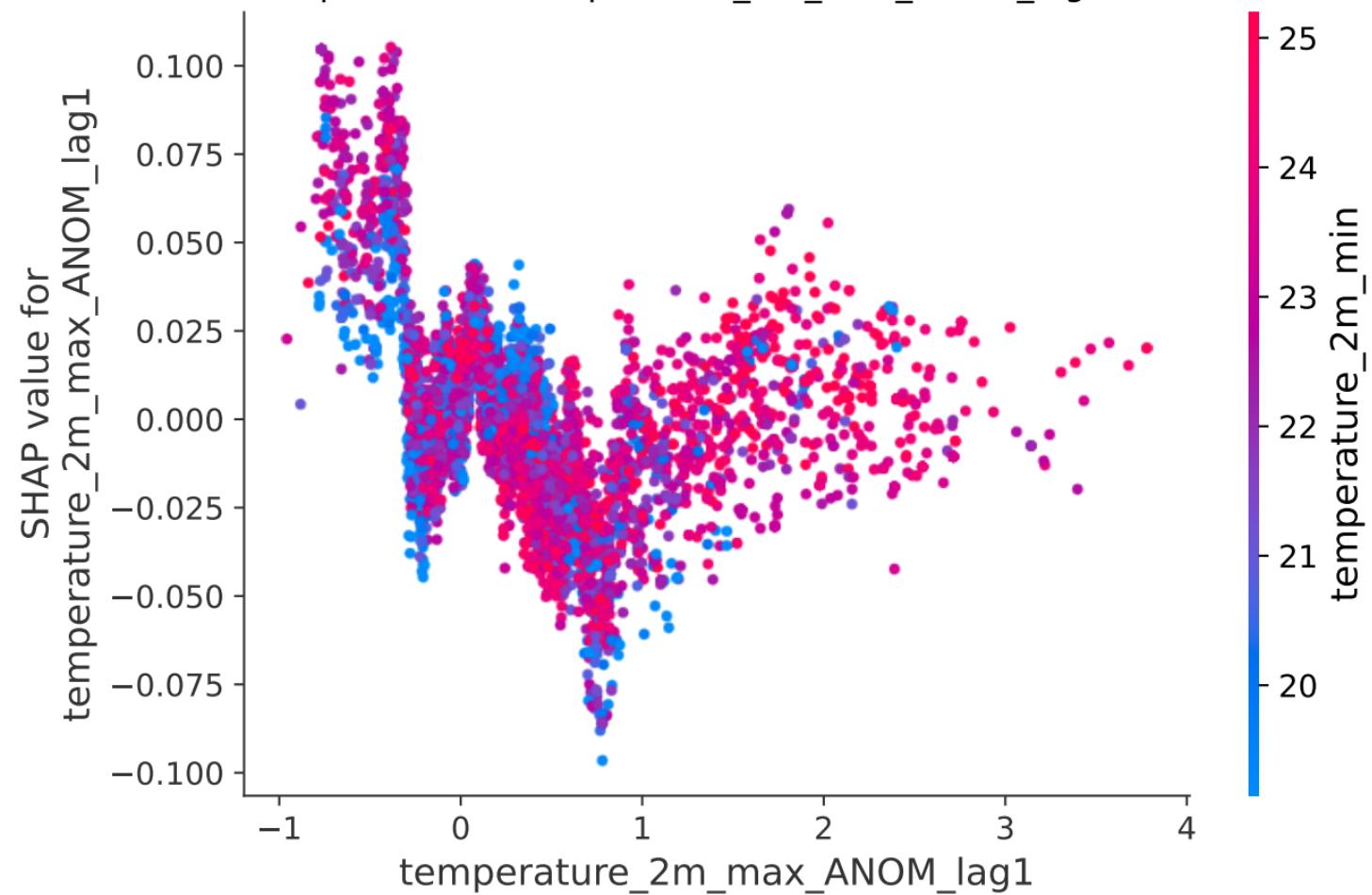
# SHAP Dependence - temperature\_2m\_min\_ANOM\_lag2 - Class 1



# SHAP Dependence - temperature\_2m\_min\_ANOM\_lag3 - Class 1

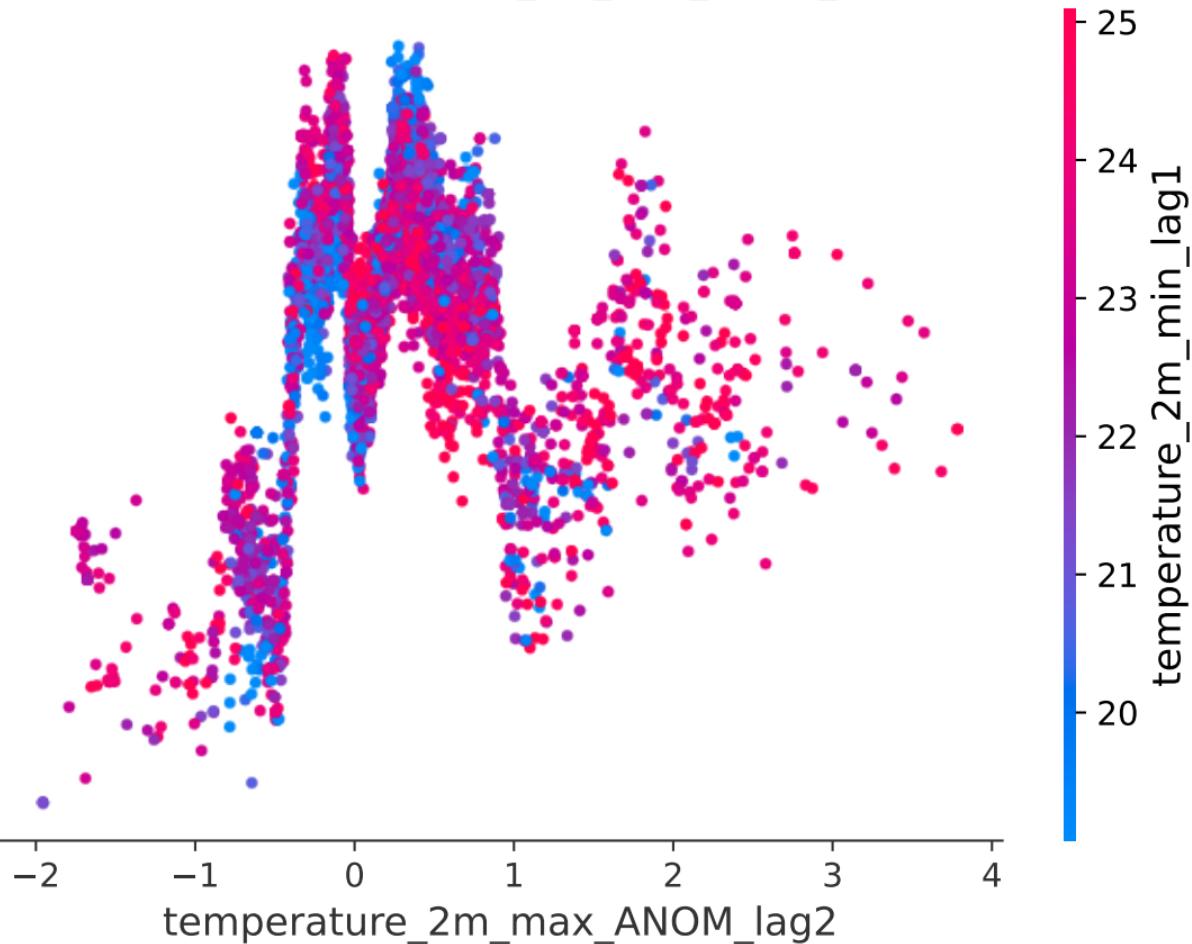


# SHAP Dependence - temperature\_2m\_max\_ANOM\_lag1 - Class 1

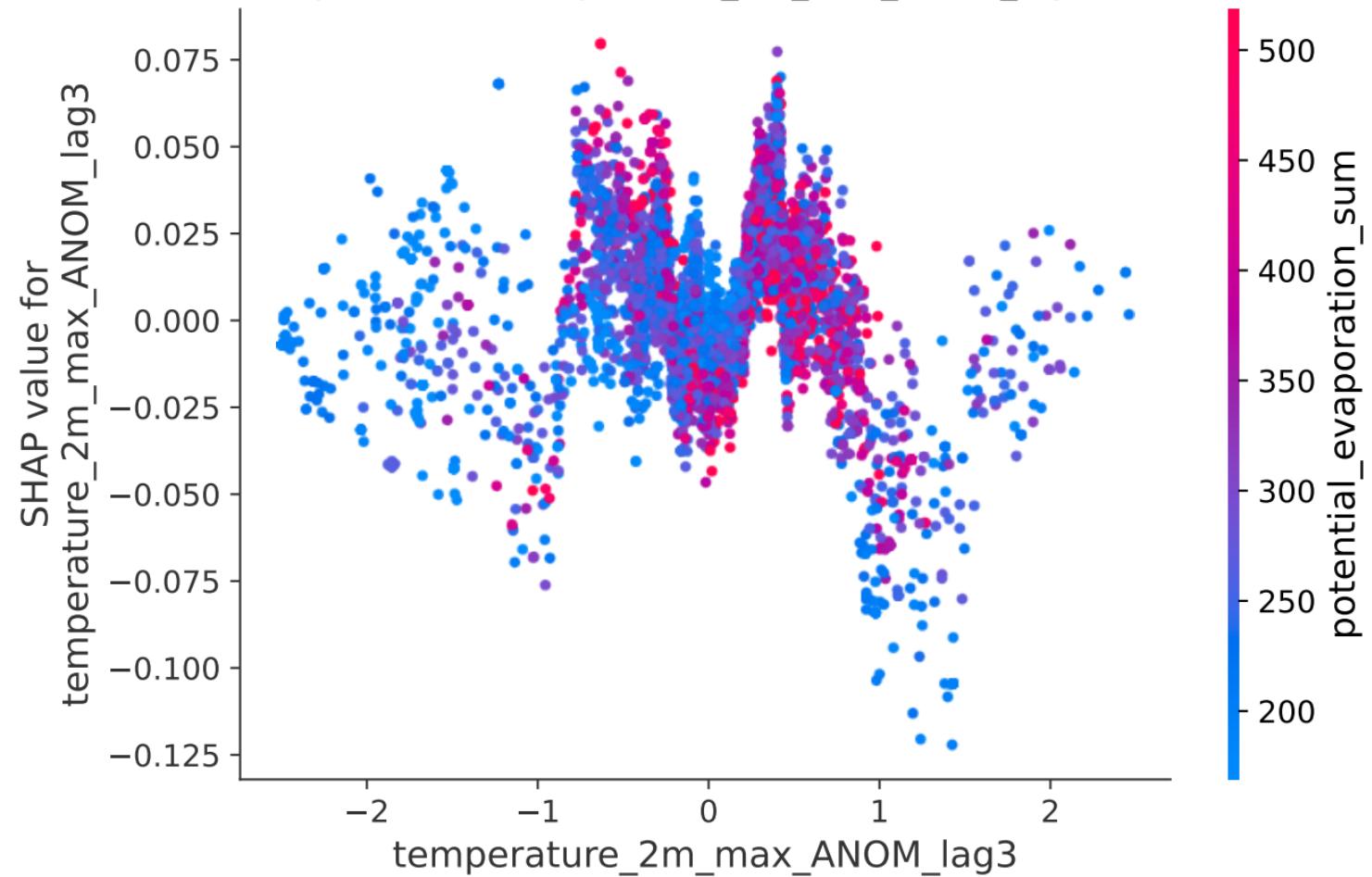


# SHAP Dependence - temperature\_2m\_max\_ANOM\_lag2 - Class 1

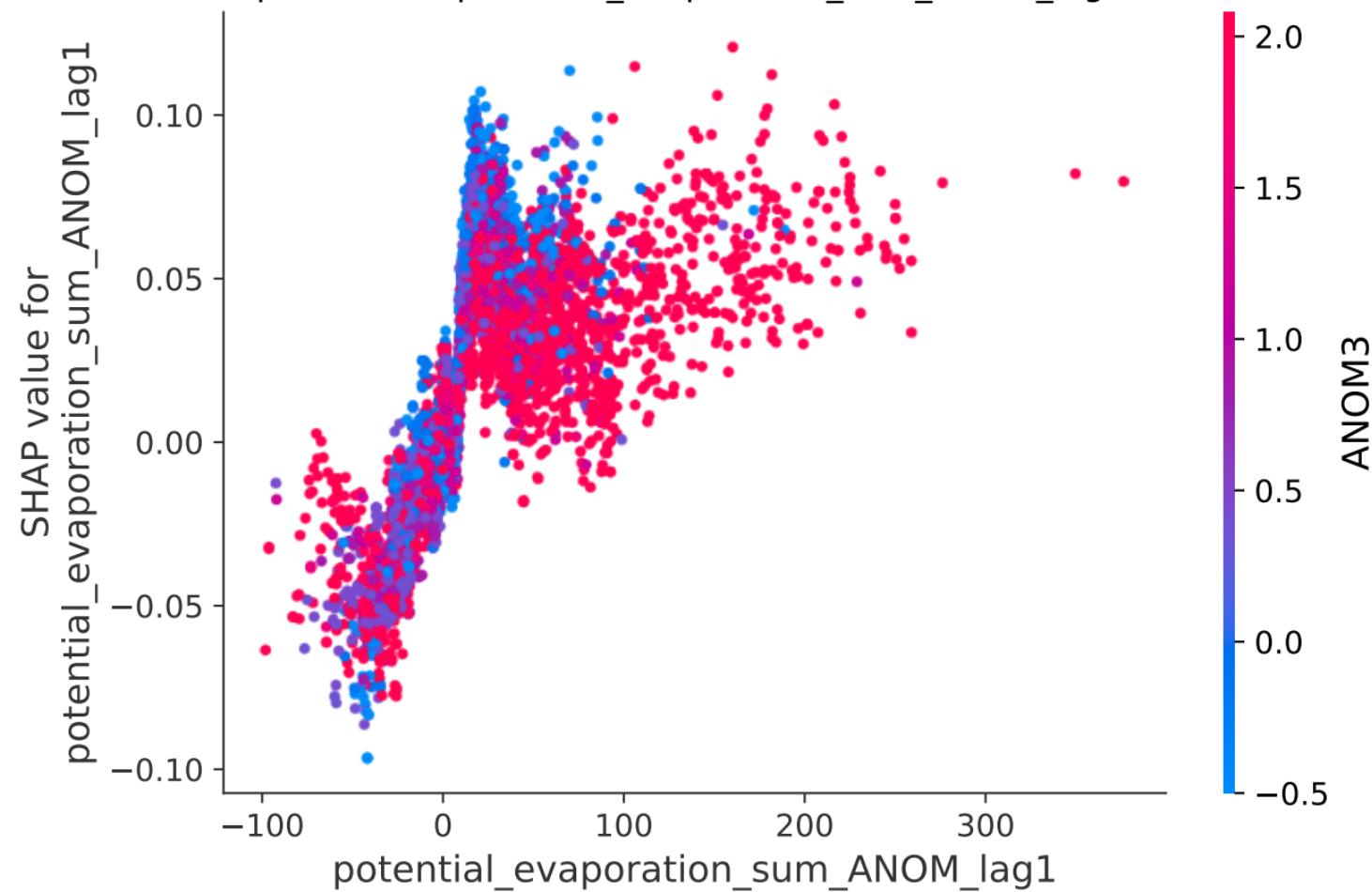
SHAP value for  
temperature\_2m\_max\_ANOM\_lag2



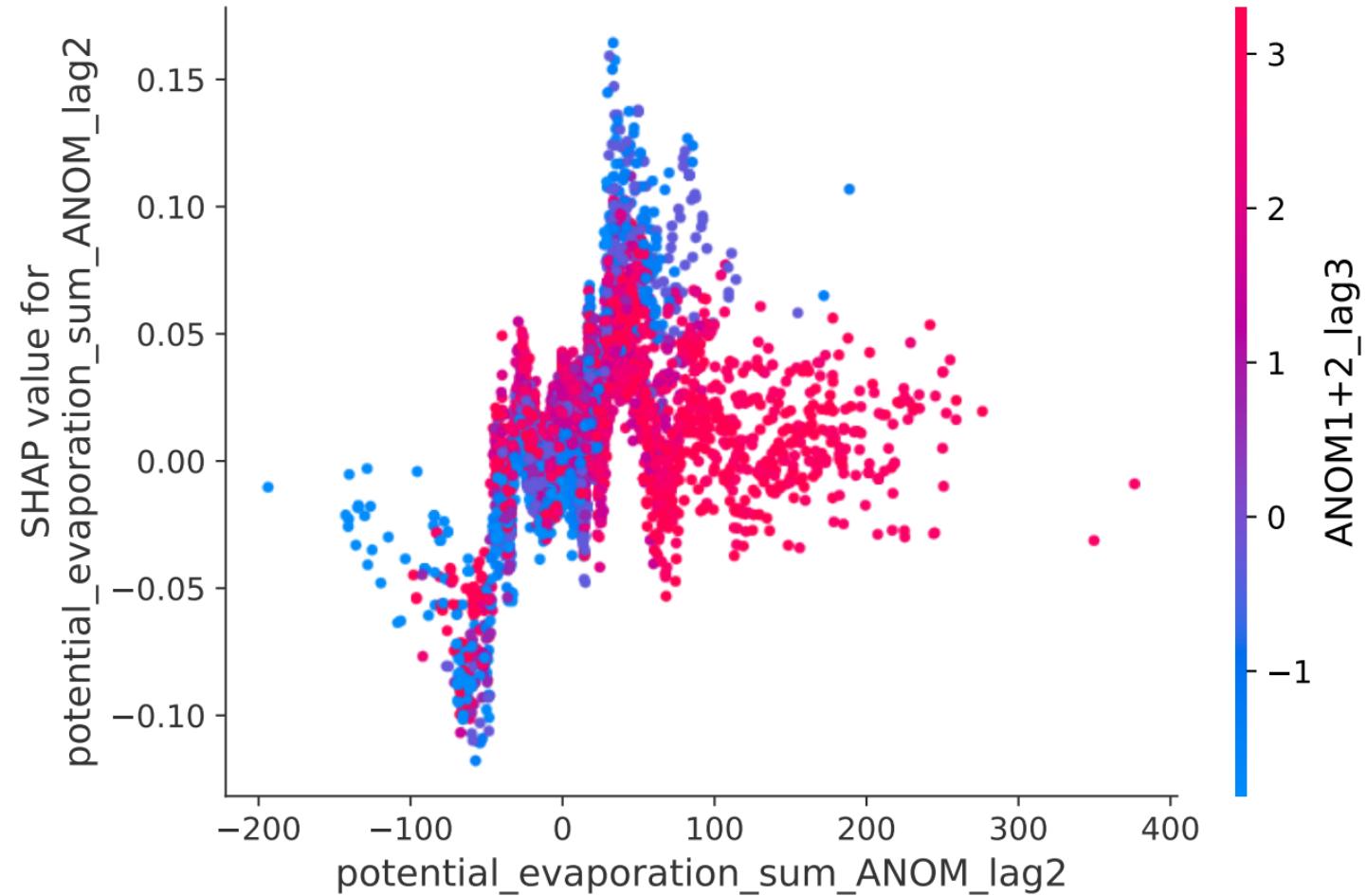
# SHAP Dependence - temperature\_2m\_max\_ANOM\_lag3 - Class 1



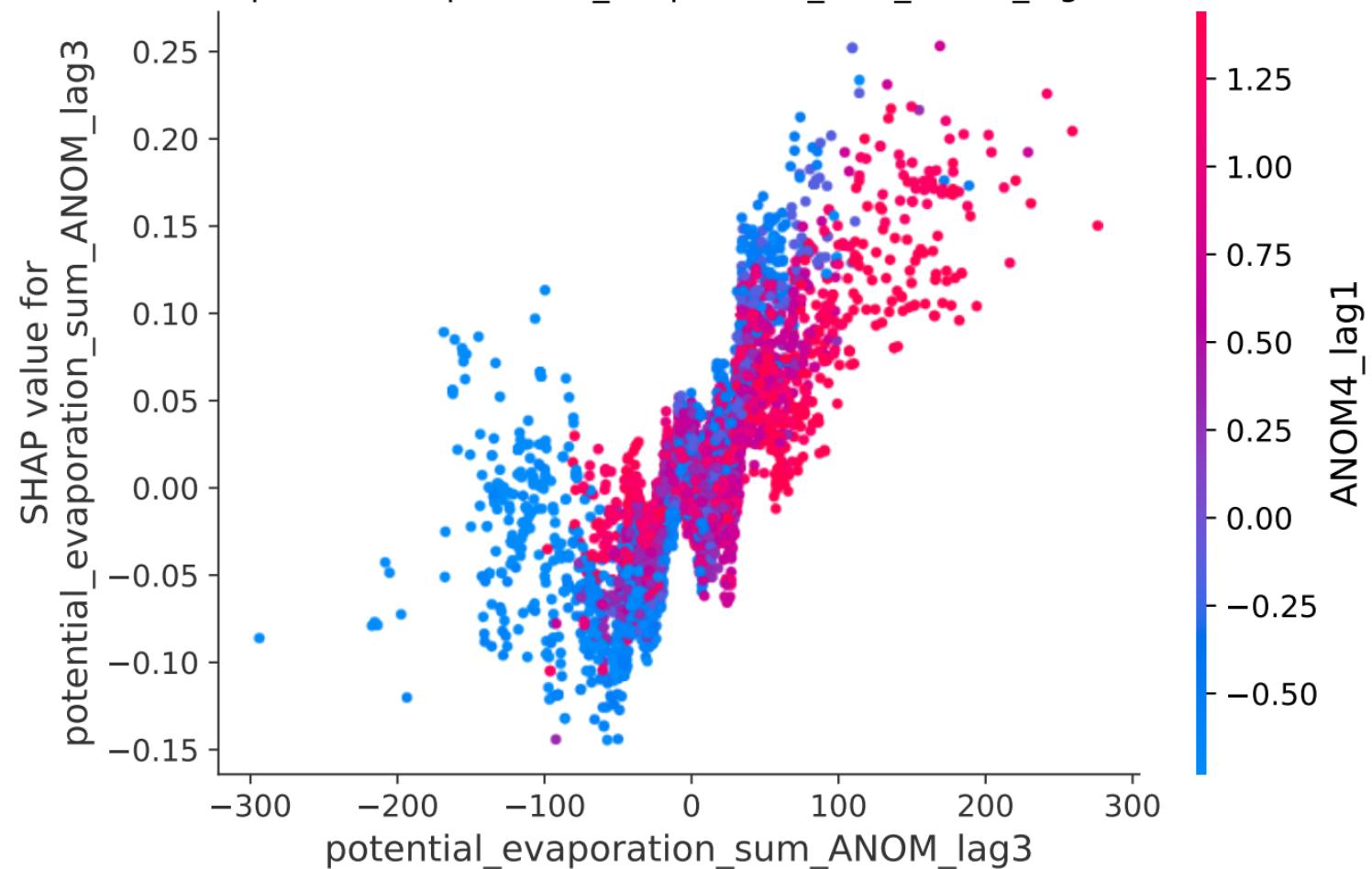
# SHAP Dependence - potential\_evaporation\_sum\_ANOM\_lag1 - Class 1



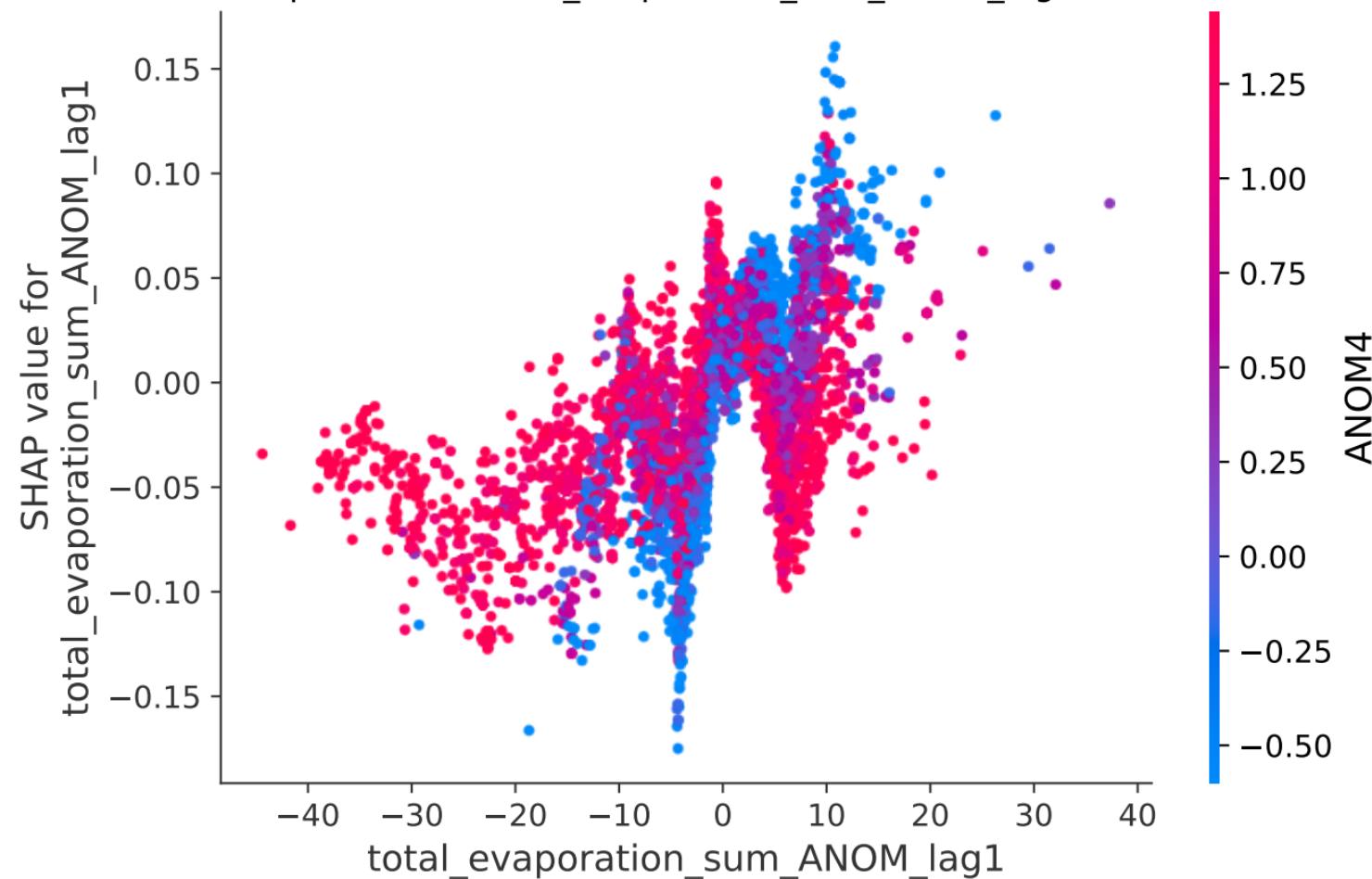
# SHAP Dependence - potential\_evaporation\_sum\_ANOM\_lag2 - Class 1



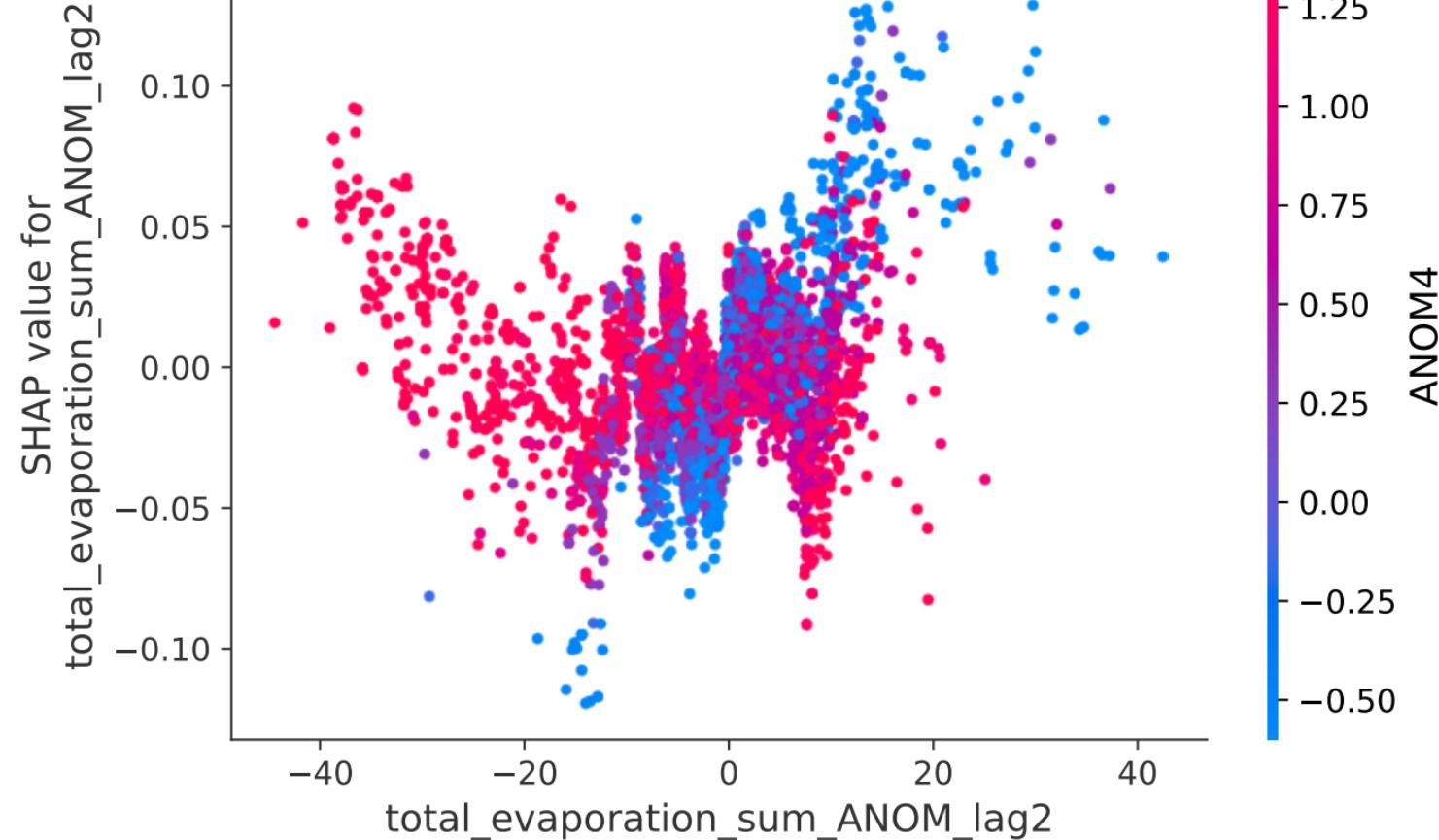
# SHAP Dependence - potential\_evaporation\_sum\_ANOM\_lag3 - Class 1



# SHAP Dependence - total\_evaporation\_sum\_ANOM\_lag1 - Class 1



# SHAP Dependence - total\_evaporation\_sum\_ANOM\_lag2 - Class 1



# SHAP Dependence - total\_evaporation\_sum\_ANOM\_lag3 - Class 1

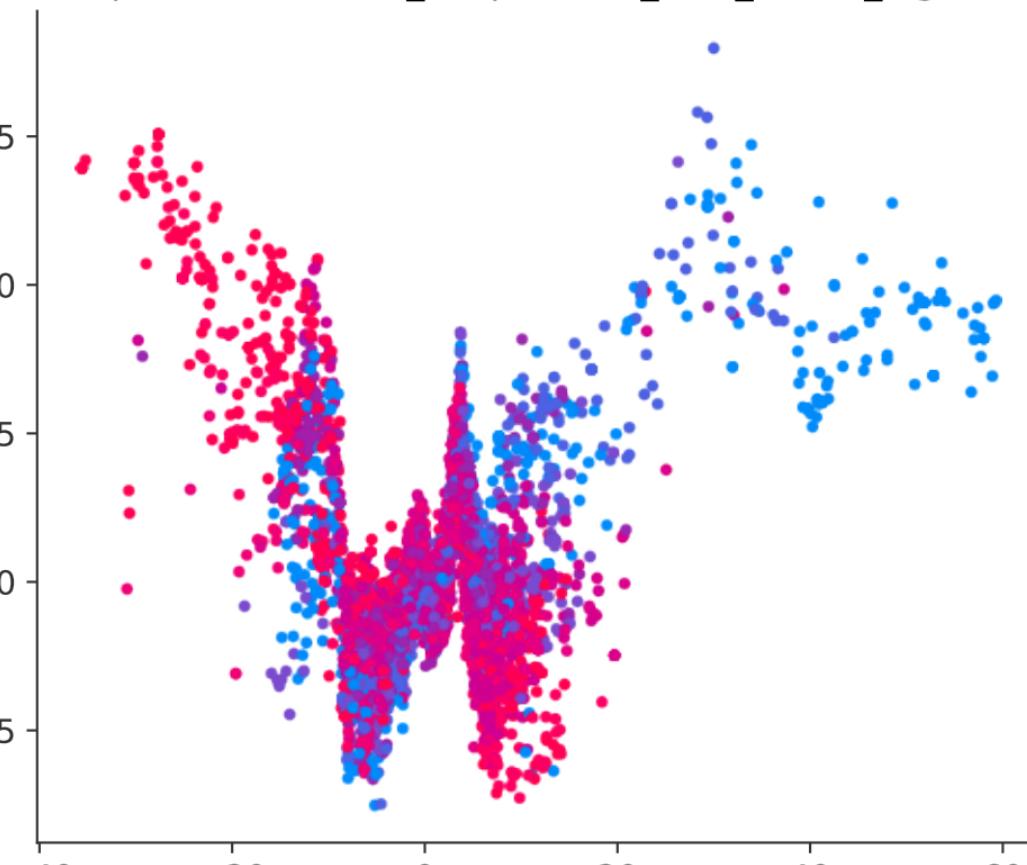
SHAP value for  
total\_evaporation\_sum\_ANOM\_lag3

-40 -20 0 20 40 60

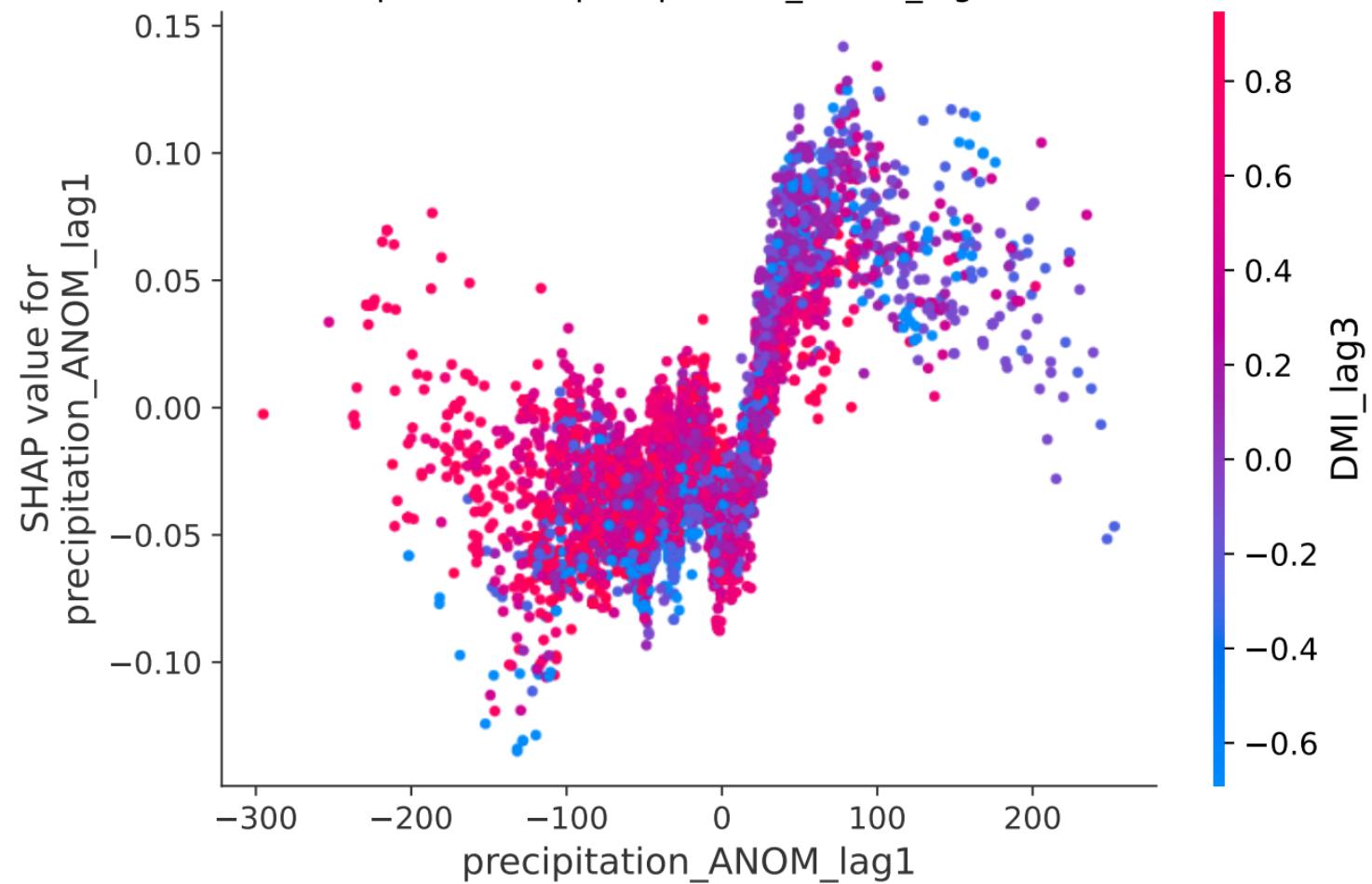
total\_evaporation\_sum\_ANOM\_lag3

0.8  
0.6  
0.4  
0.2  
0.0  
-0.2  
-0.4  
-0.6

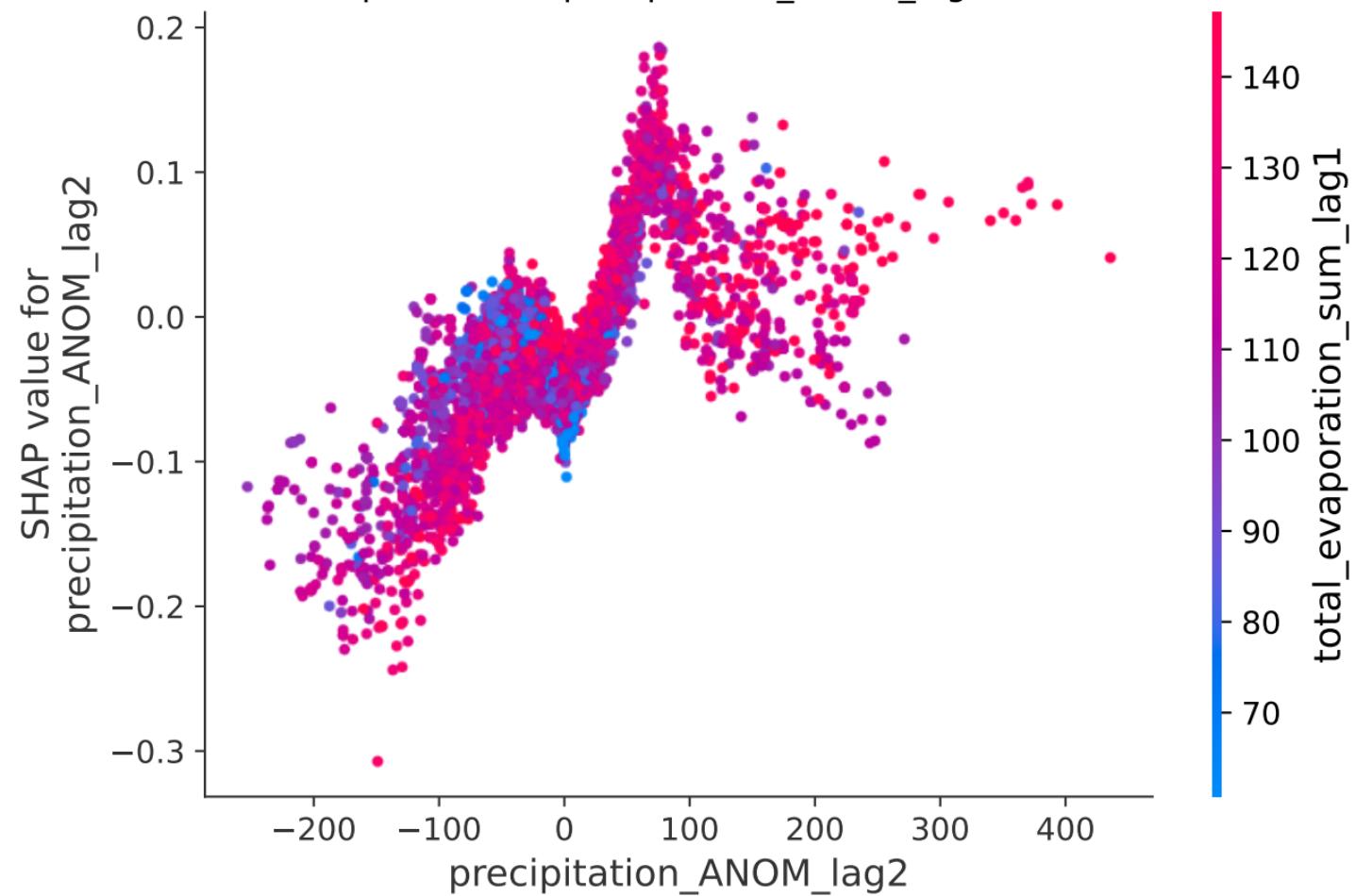
DMI\_lag3



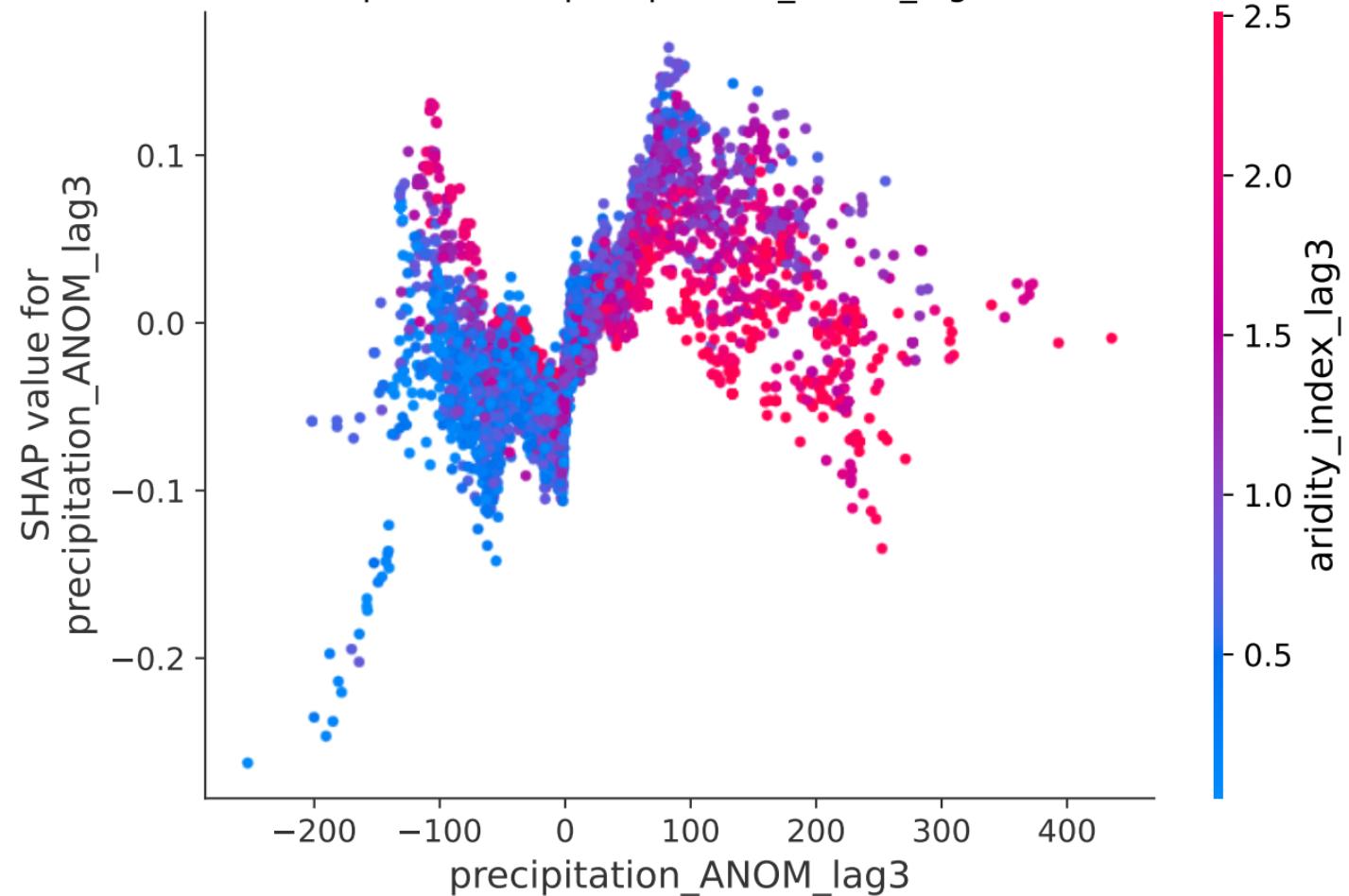
# SHAP Dependence - precipitation\_ANOM\_lag1 - Class 1



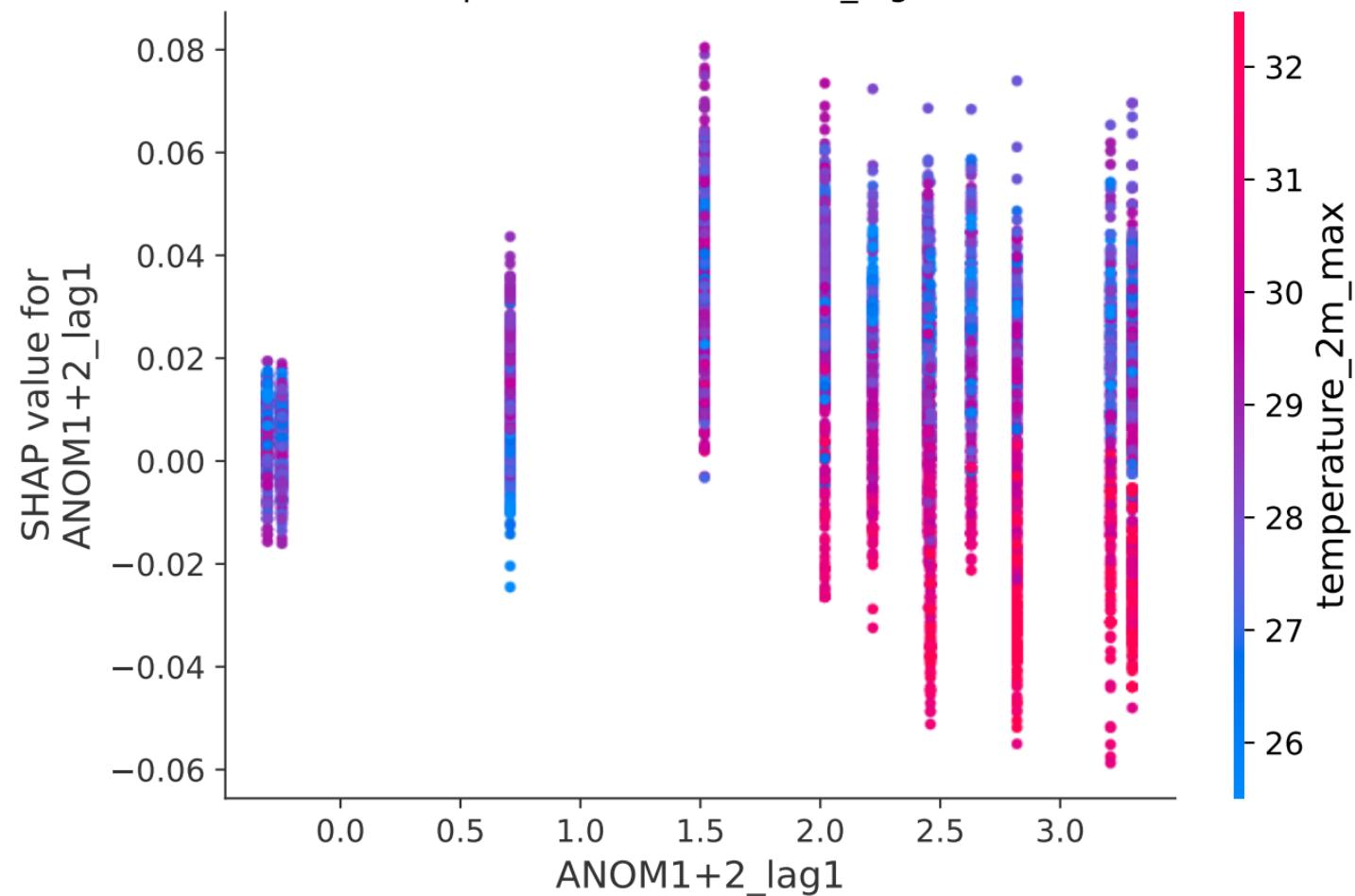
# SHAP Dependence - precipitation\_ANOM\_lag2 - Class 1



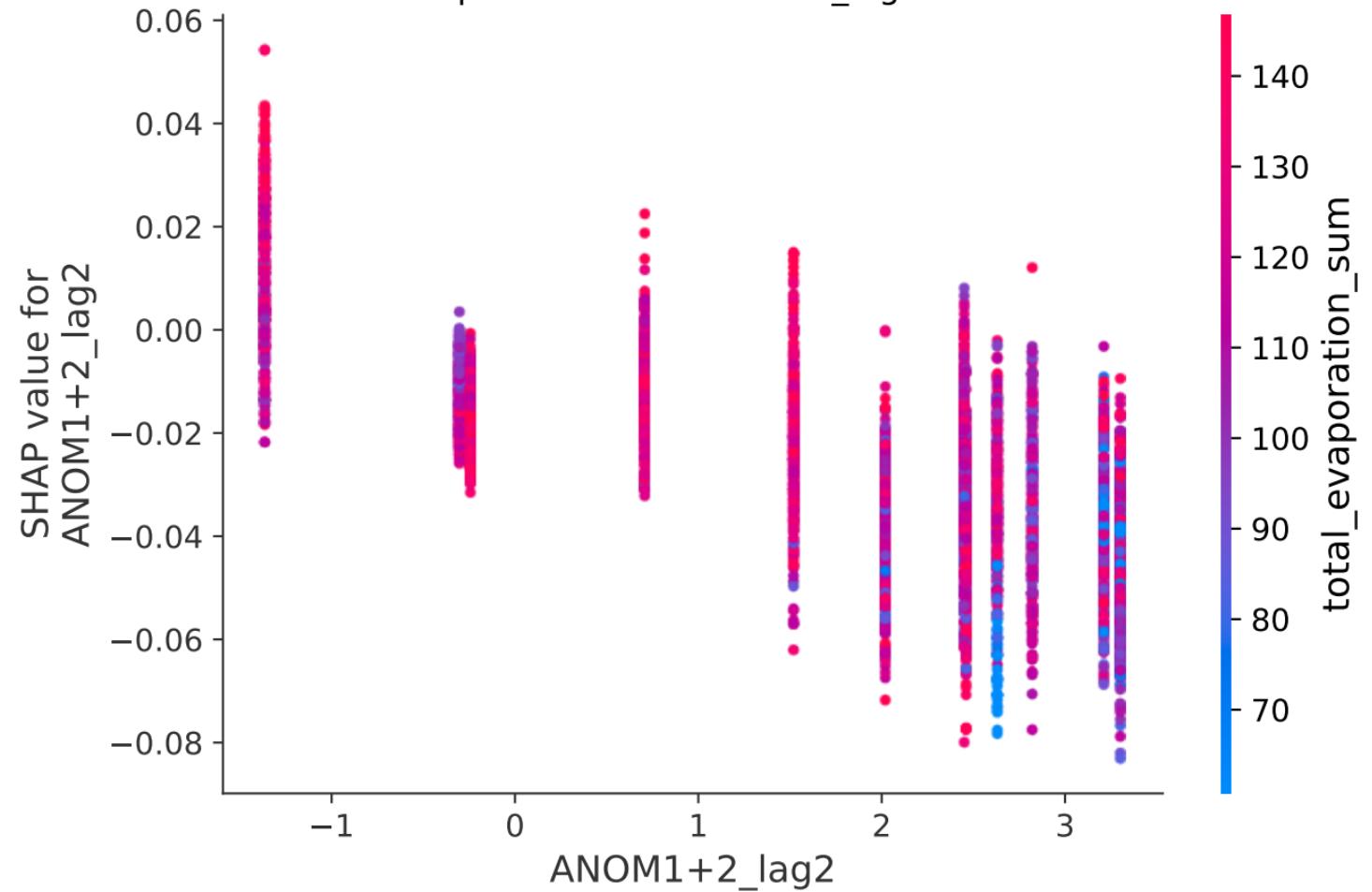
# SHAP Dependence - precipitation\_ANOM\_lag3 - Class 1



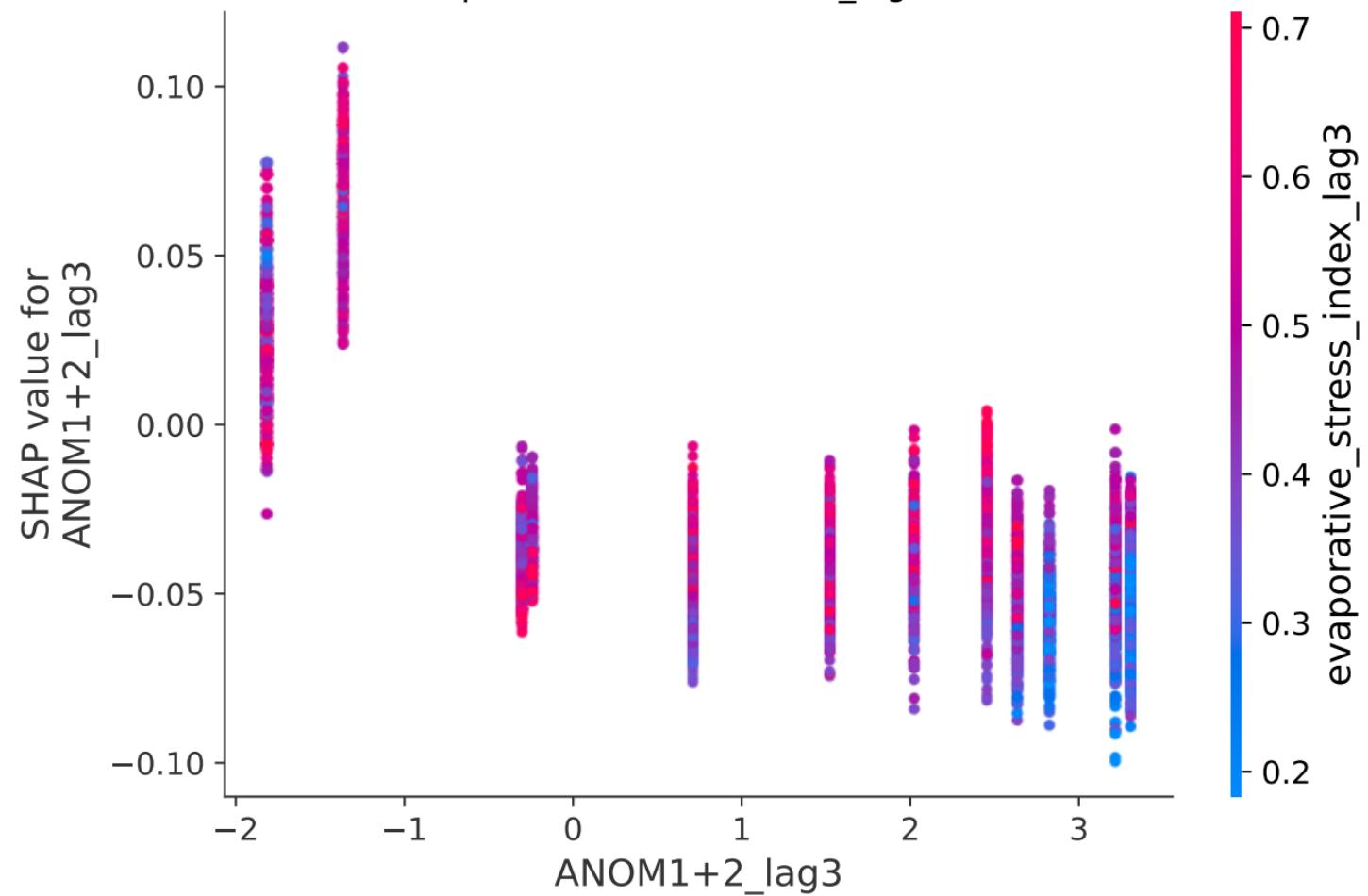
# SHAP Dependence - ANOM1+2\_lag1 - Class 1



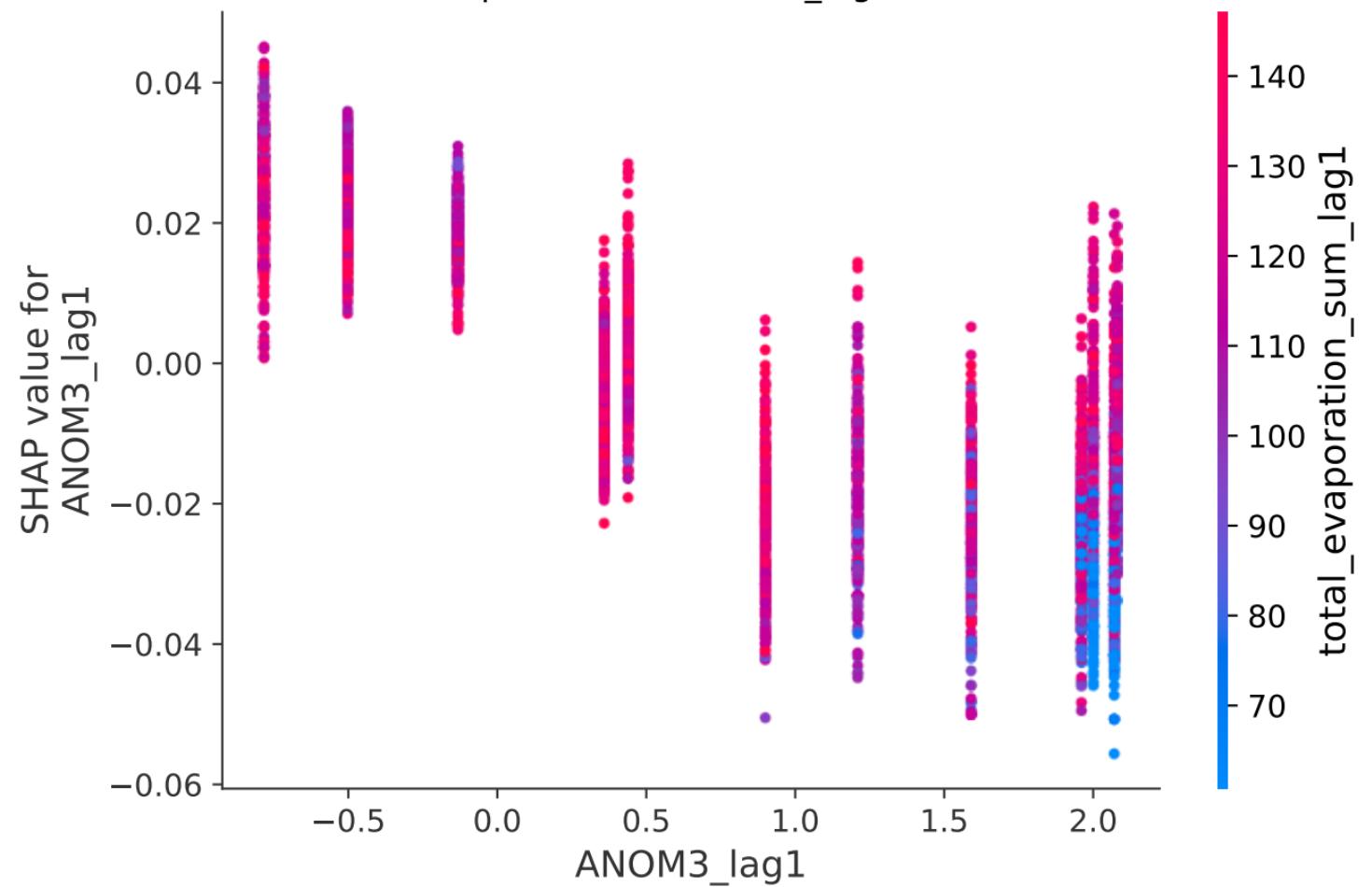
# SHAP Dependence - ANOM1+2\_lag2 - Class 1



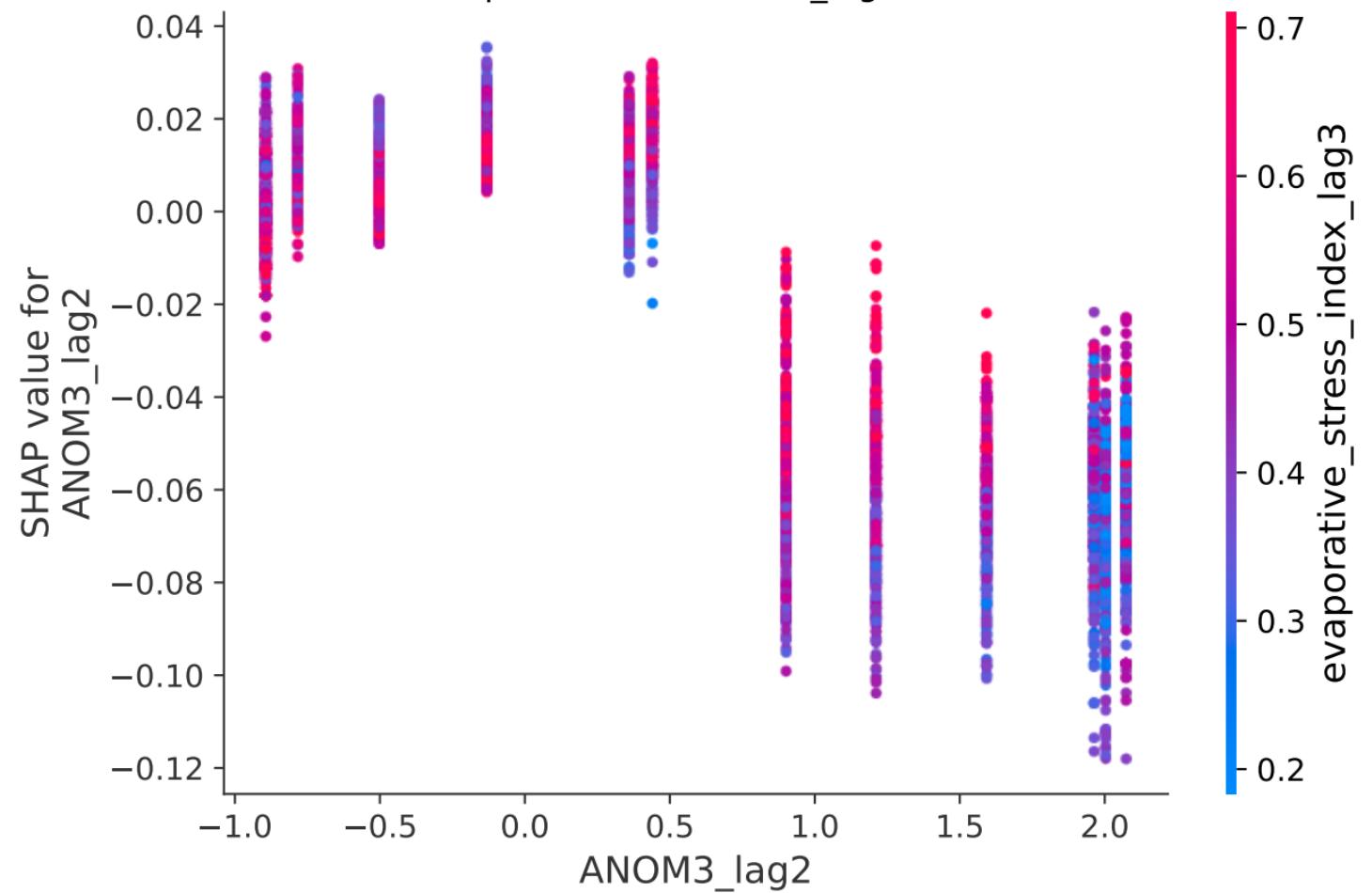
# SHAP Dependence - ANOM1+2\_lag3 - Class 1



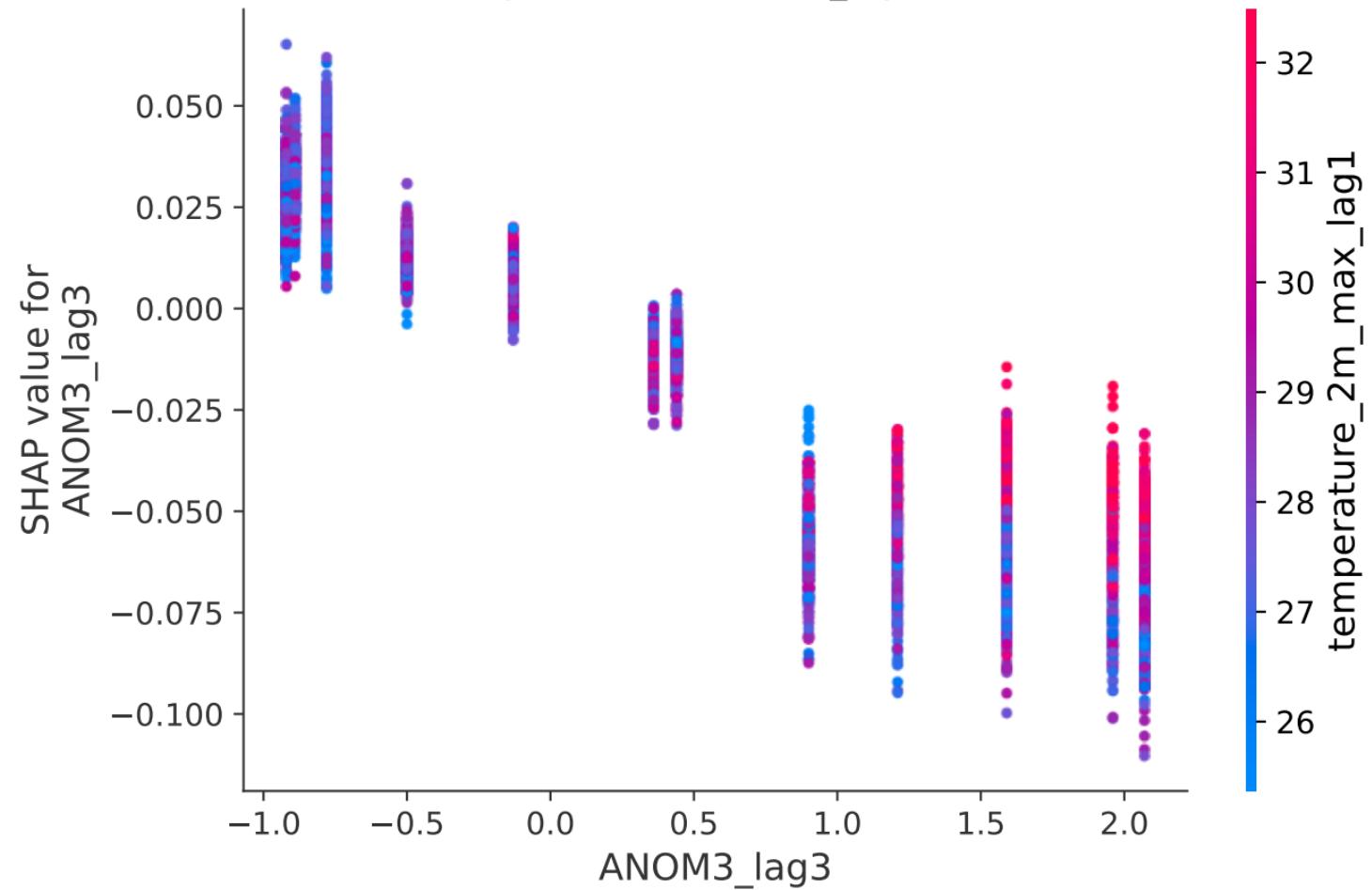
SHAP Dependence - ANOM3\_lag1 - Class 1



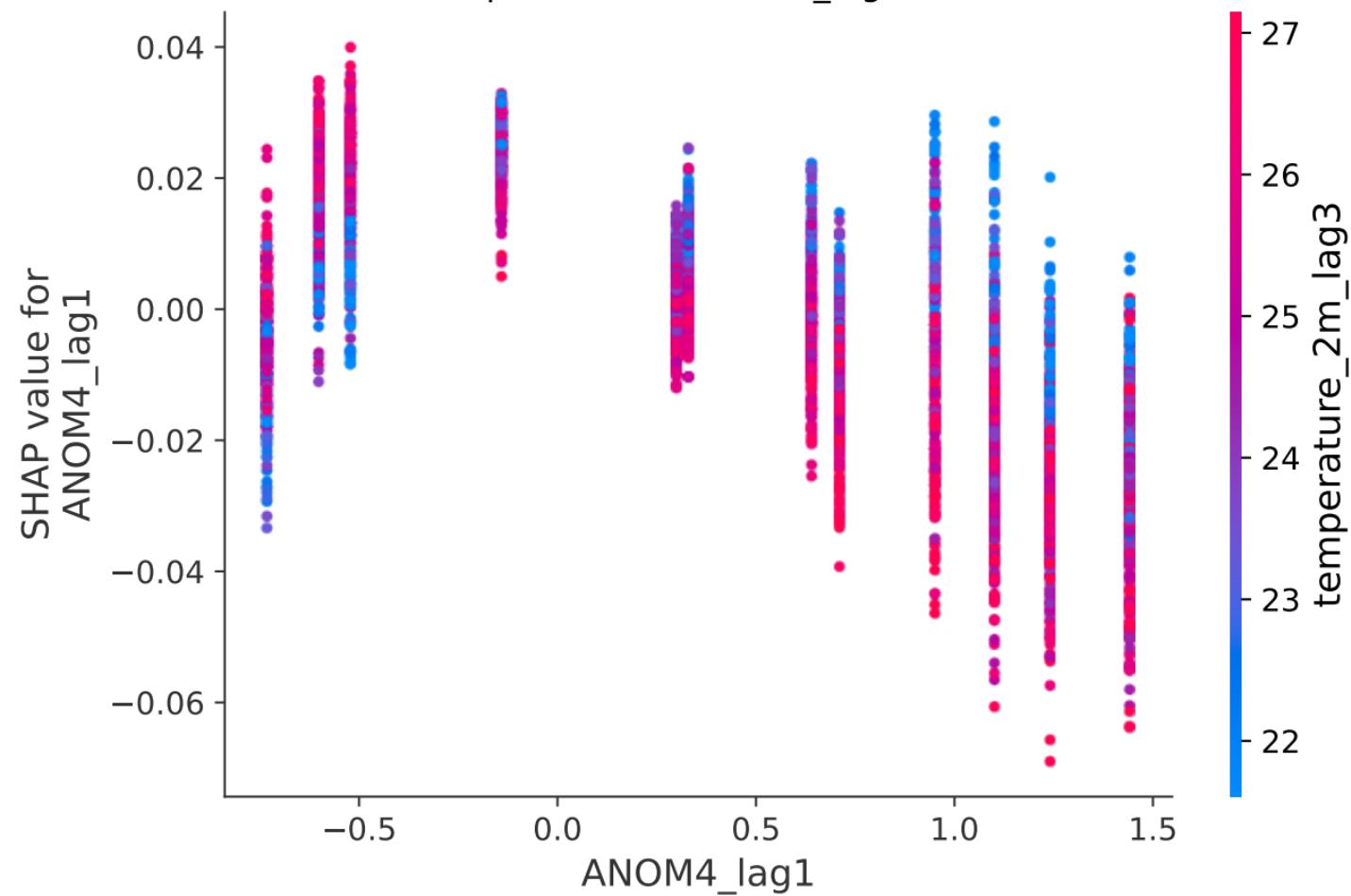
# SHAP Dependence - ANOM3\_lag2 - Class 1



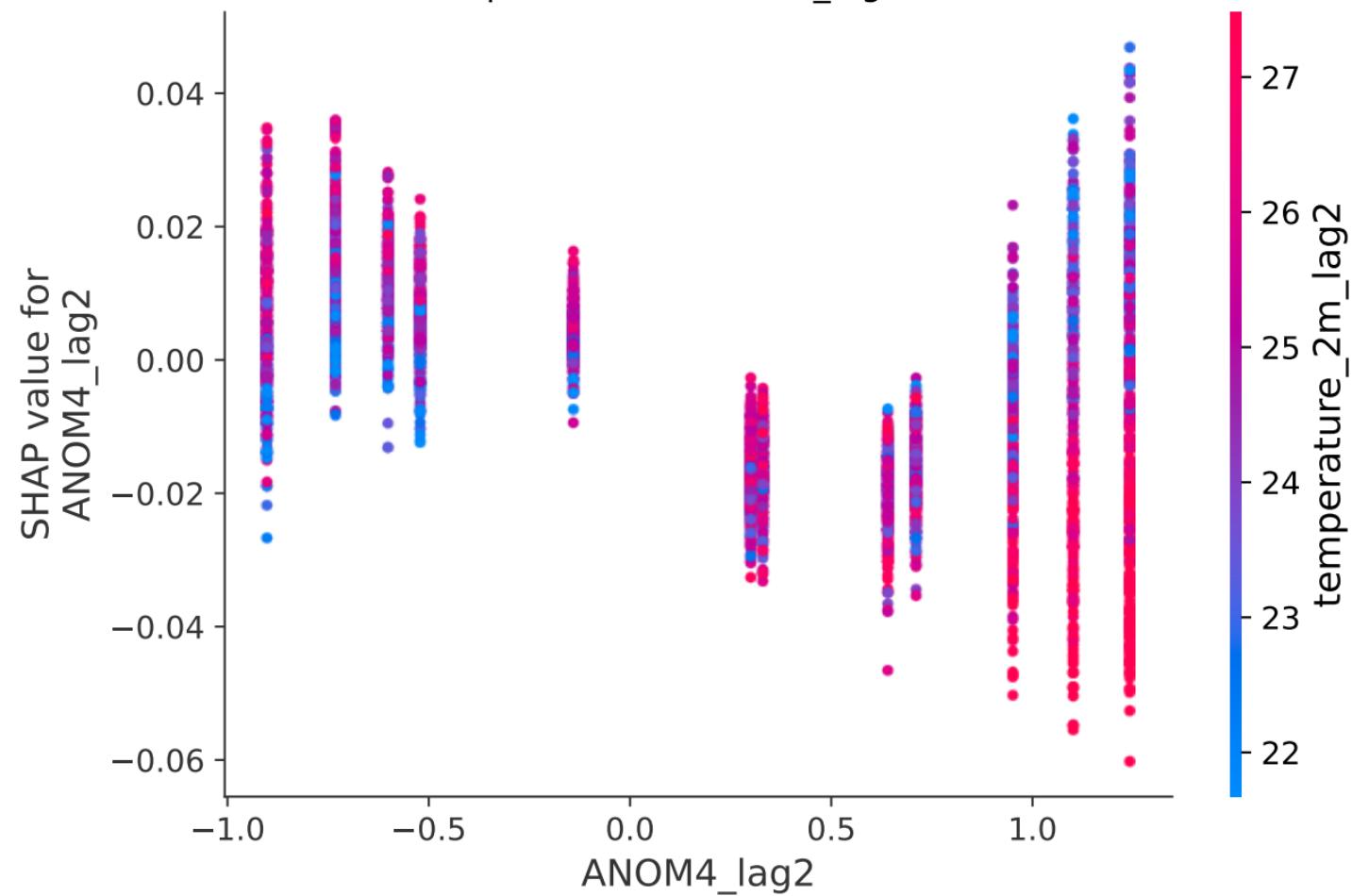
# SHAP Dependence - ANOM3\_lag3 - Class 1



# SHAP Dependence - ANOM4\_lag1 - Class 1

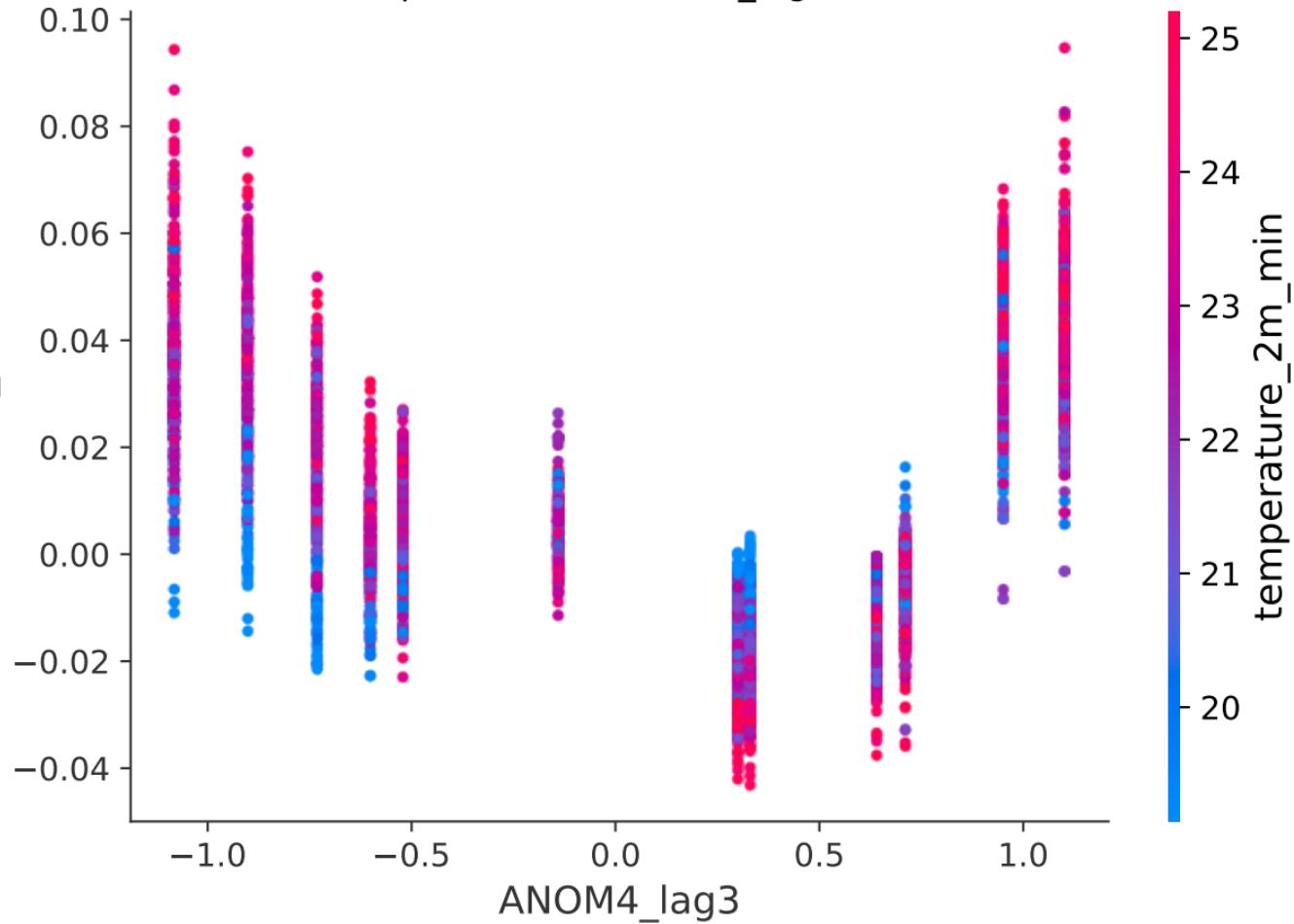


# SHAP Dependence - ANOM4\_lag2 - Class 1

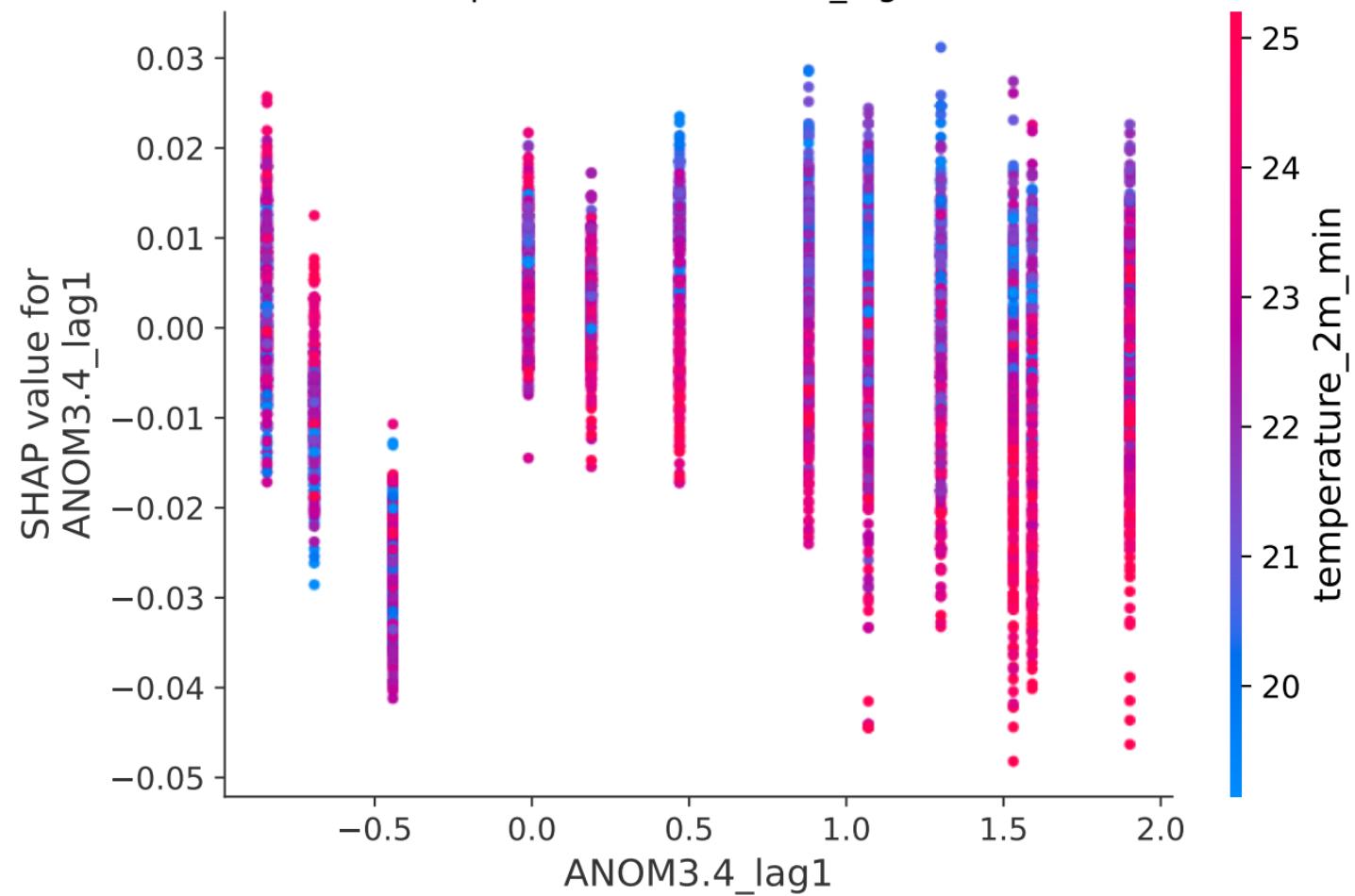


# SHAP Dependence - ANOM4\_lag3 - Class 1

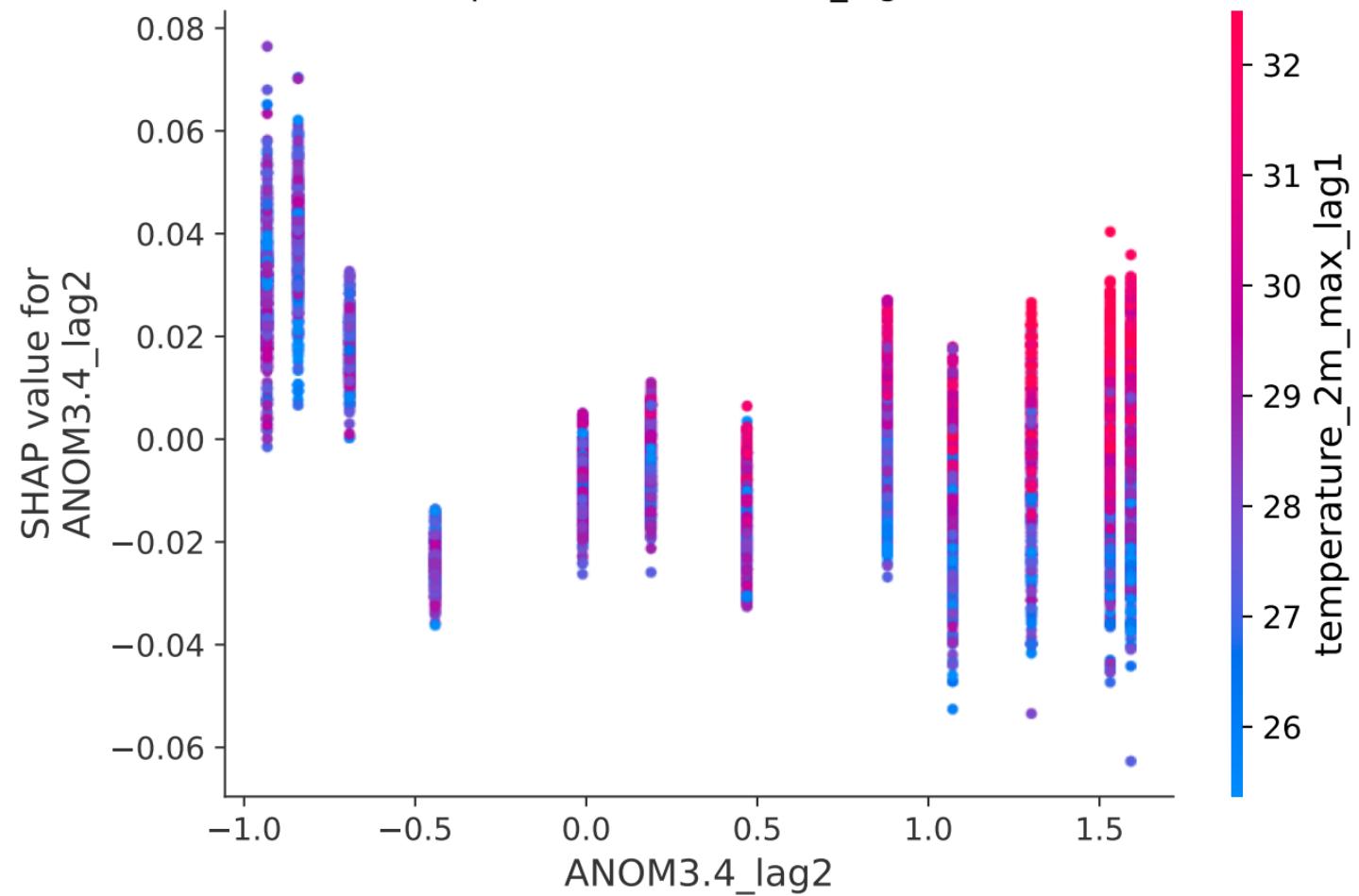
SHAP value for  
ANOM4\_lag3



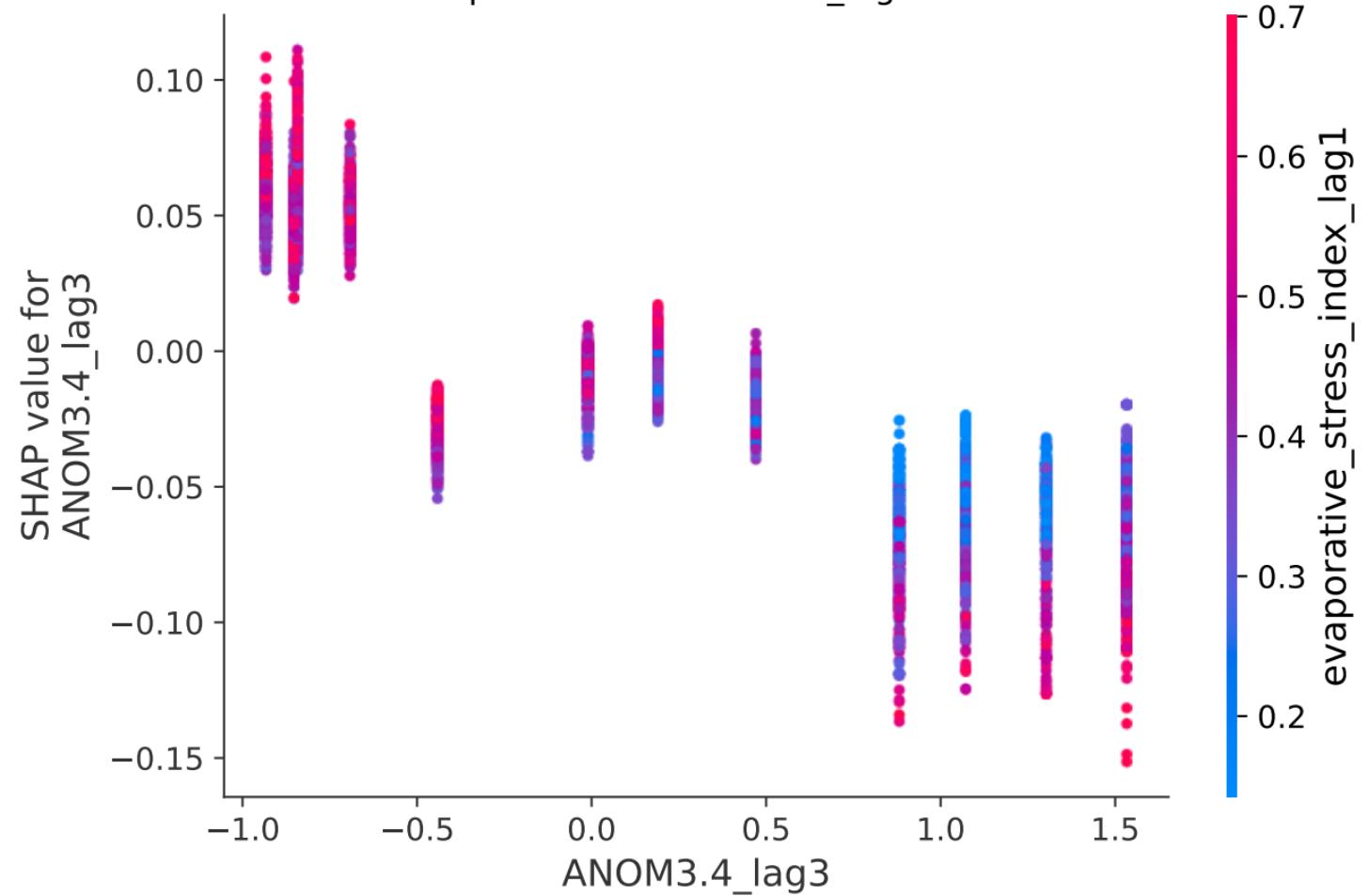
# SHAP Dependence - ANOM3.4\_lag1 - Class 1



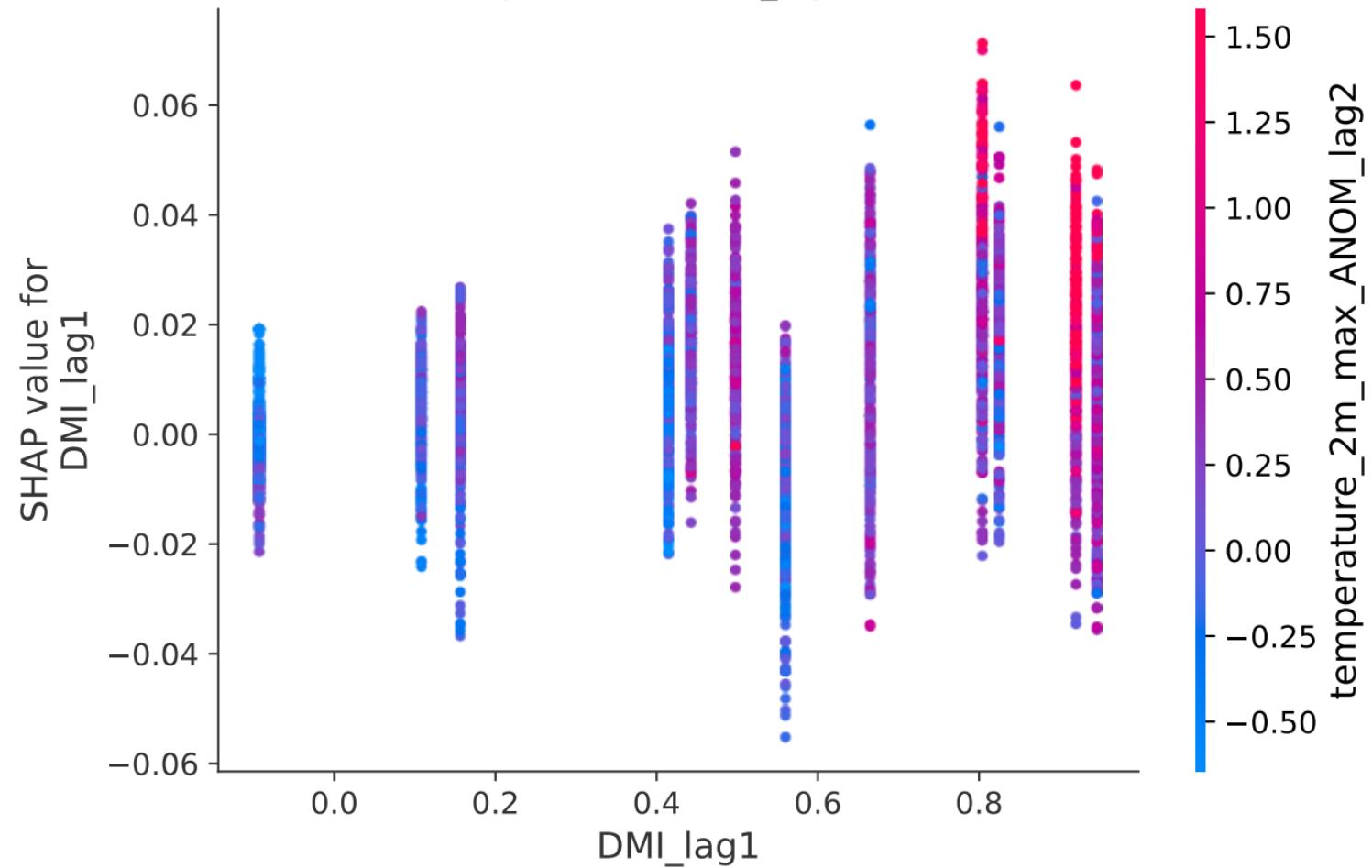
# SHAP Dependence - ANOM3.4\_lag2 - Class 1



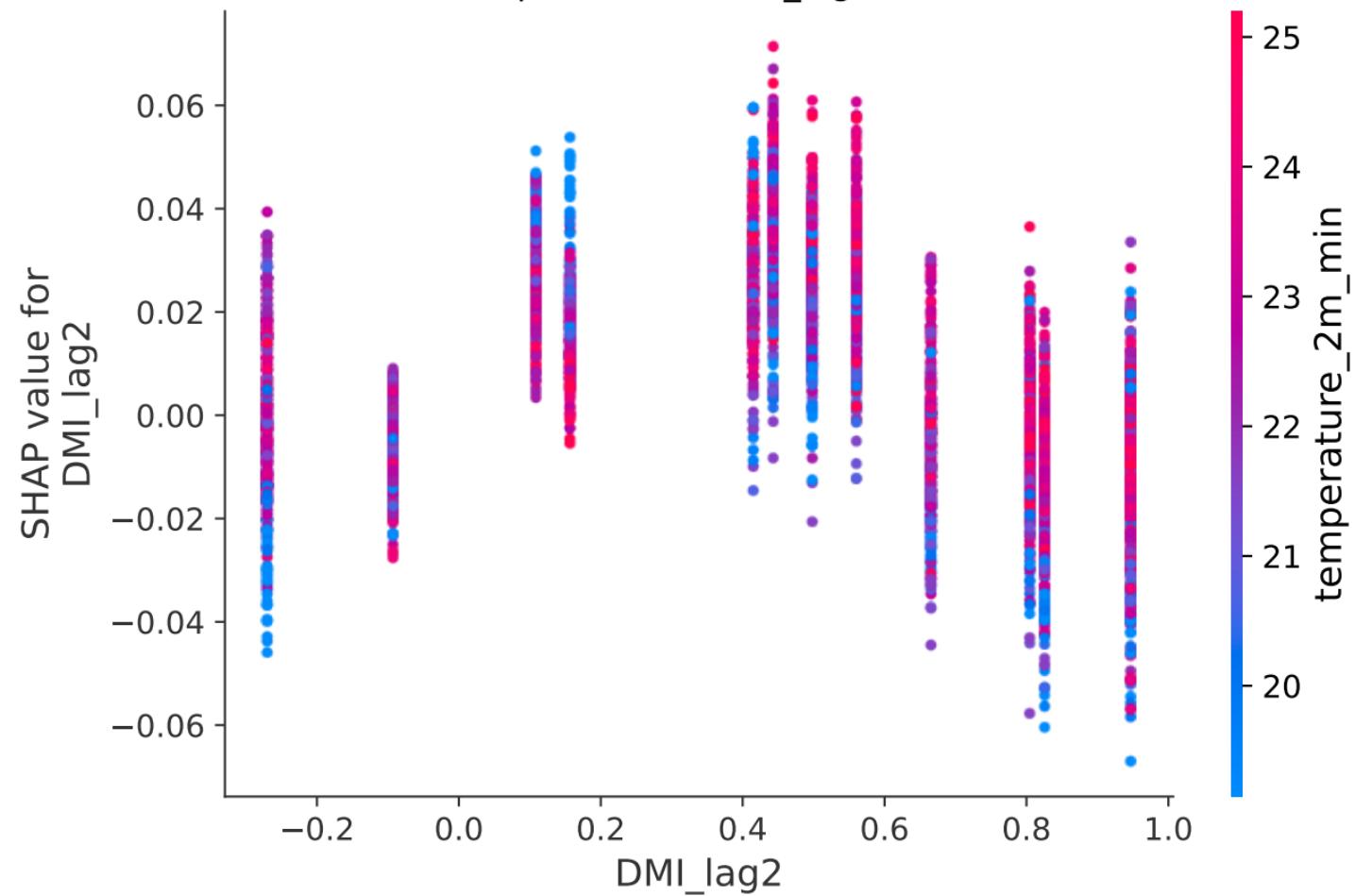
# SHAP Dependence - ANOM3.4\_lag3 - Class 1



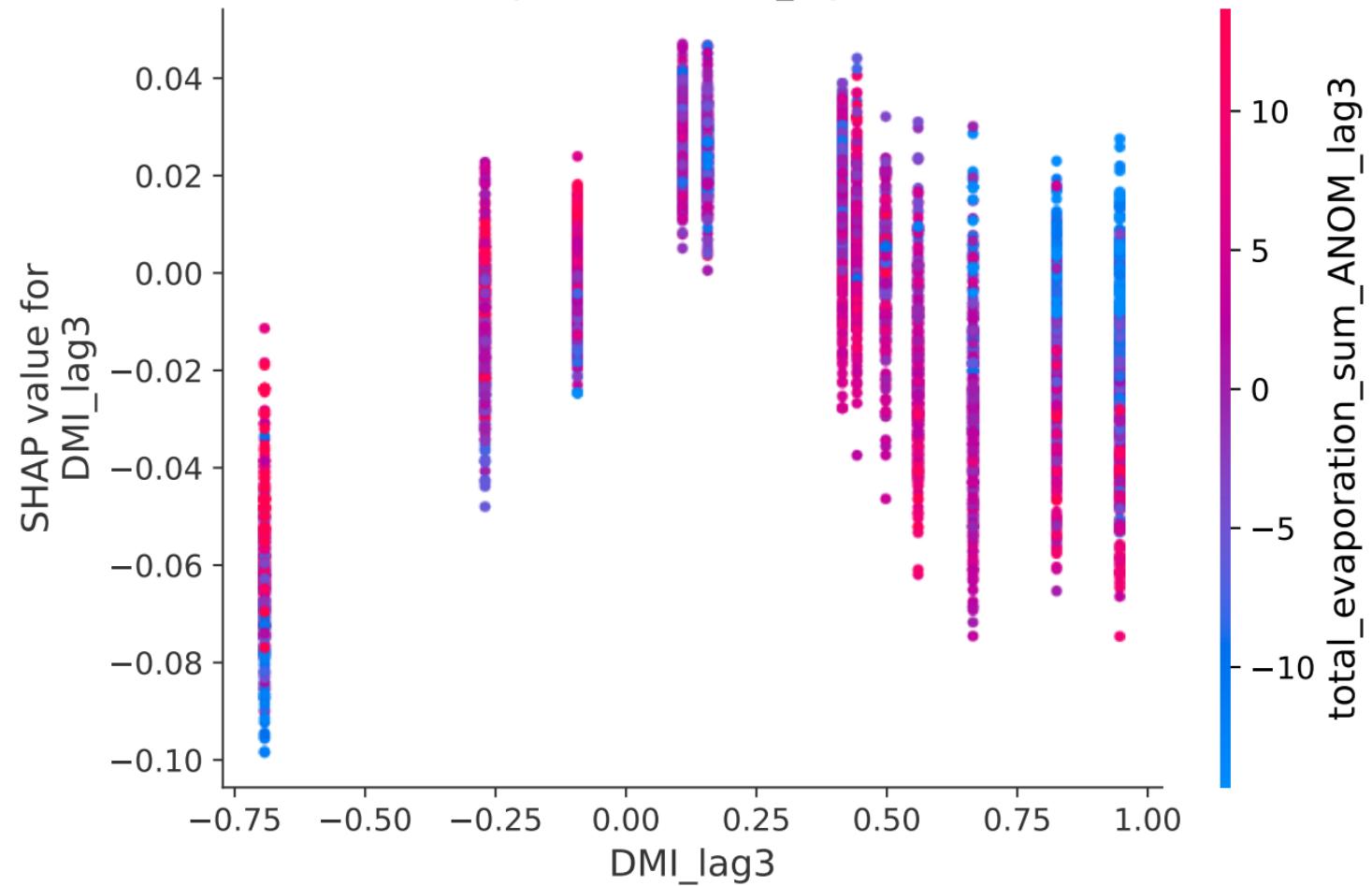
# SHAP Dependence - DMI\_lag1 - Class 1



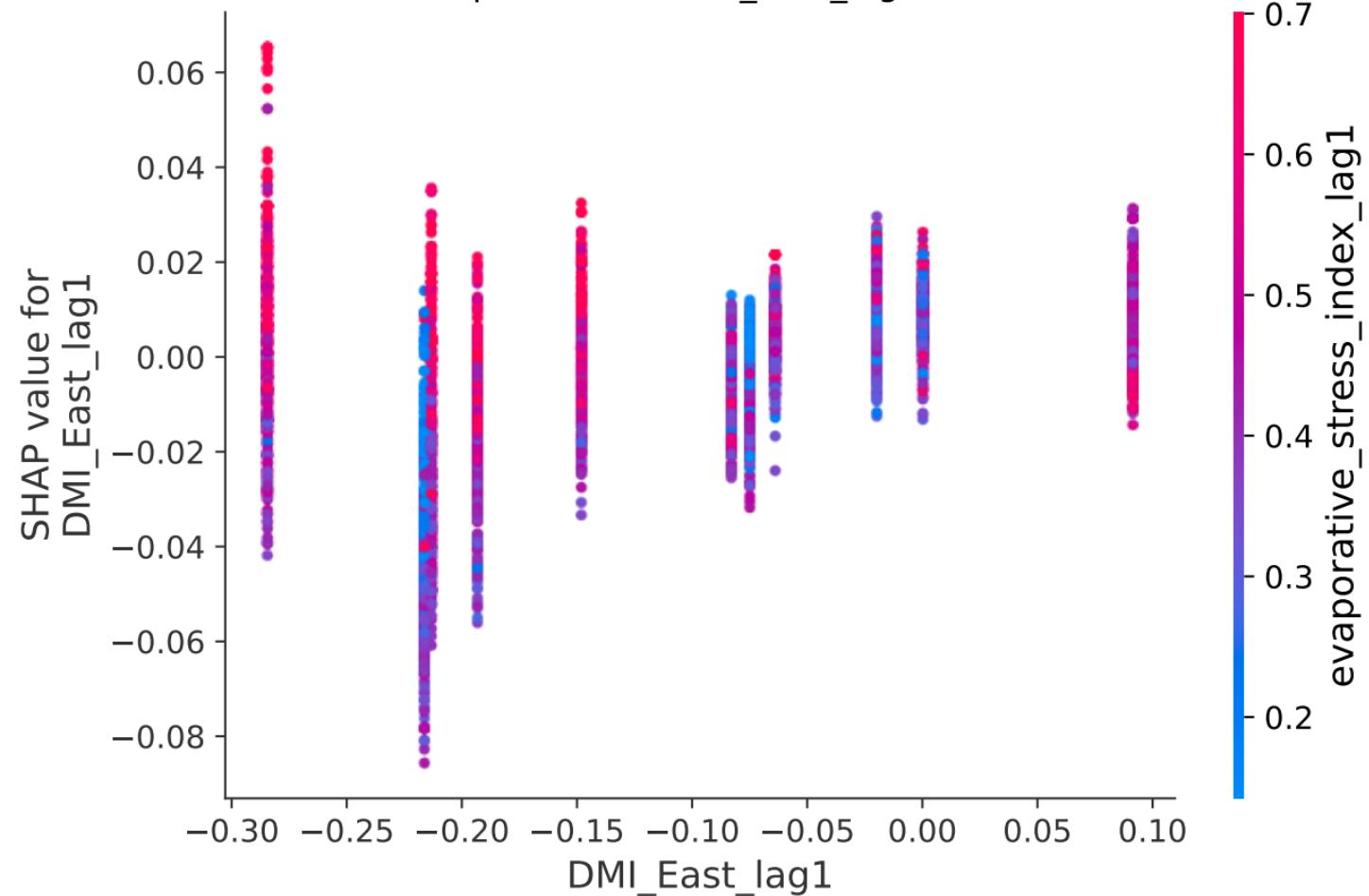
# SHAP Dependence - DMI\_lag2 - Class 1



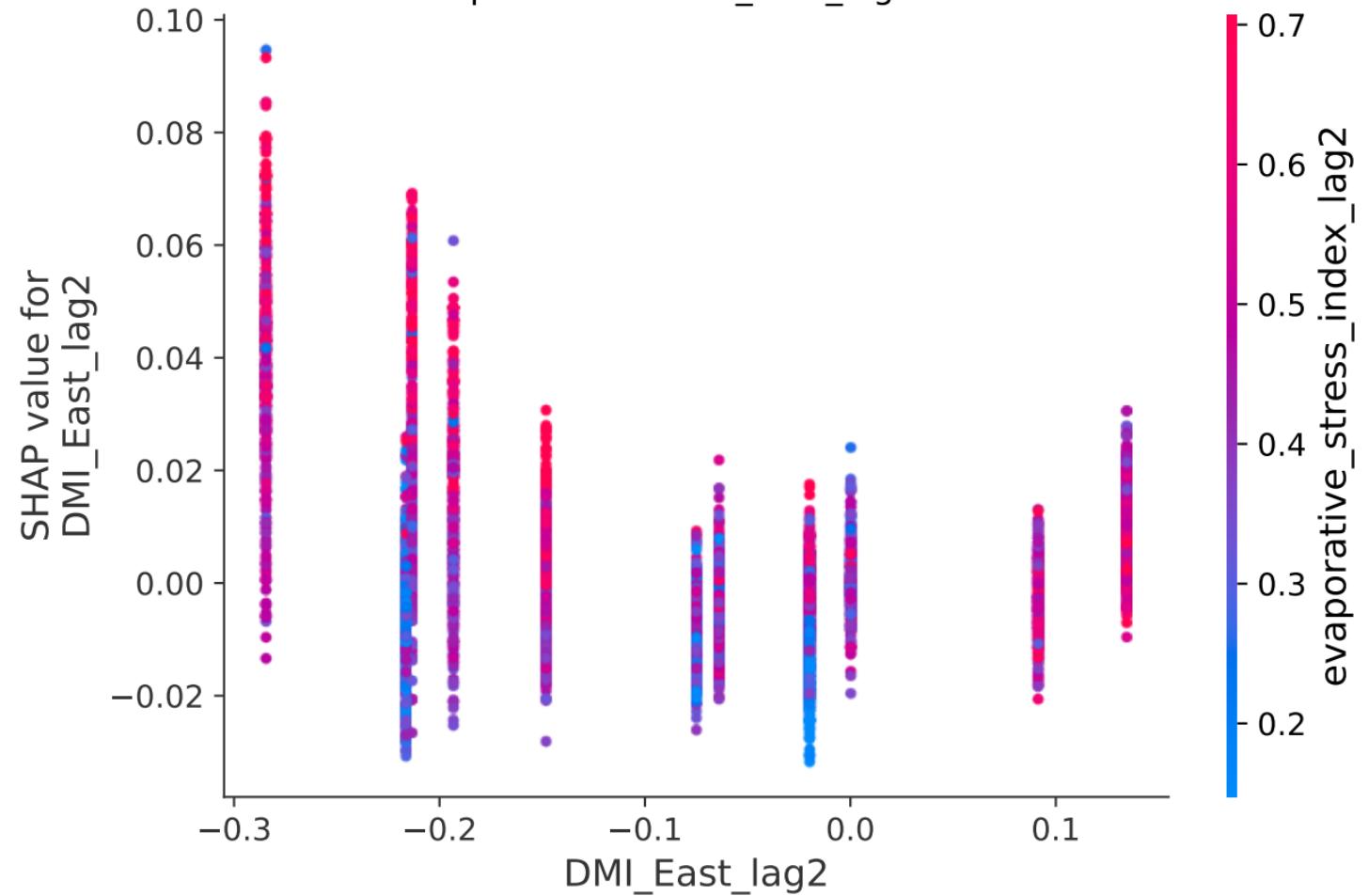
# SHAP Dependence - DMI\_lag3 - Class 1



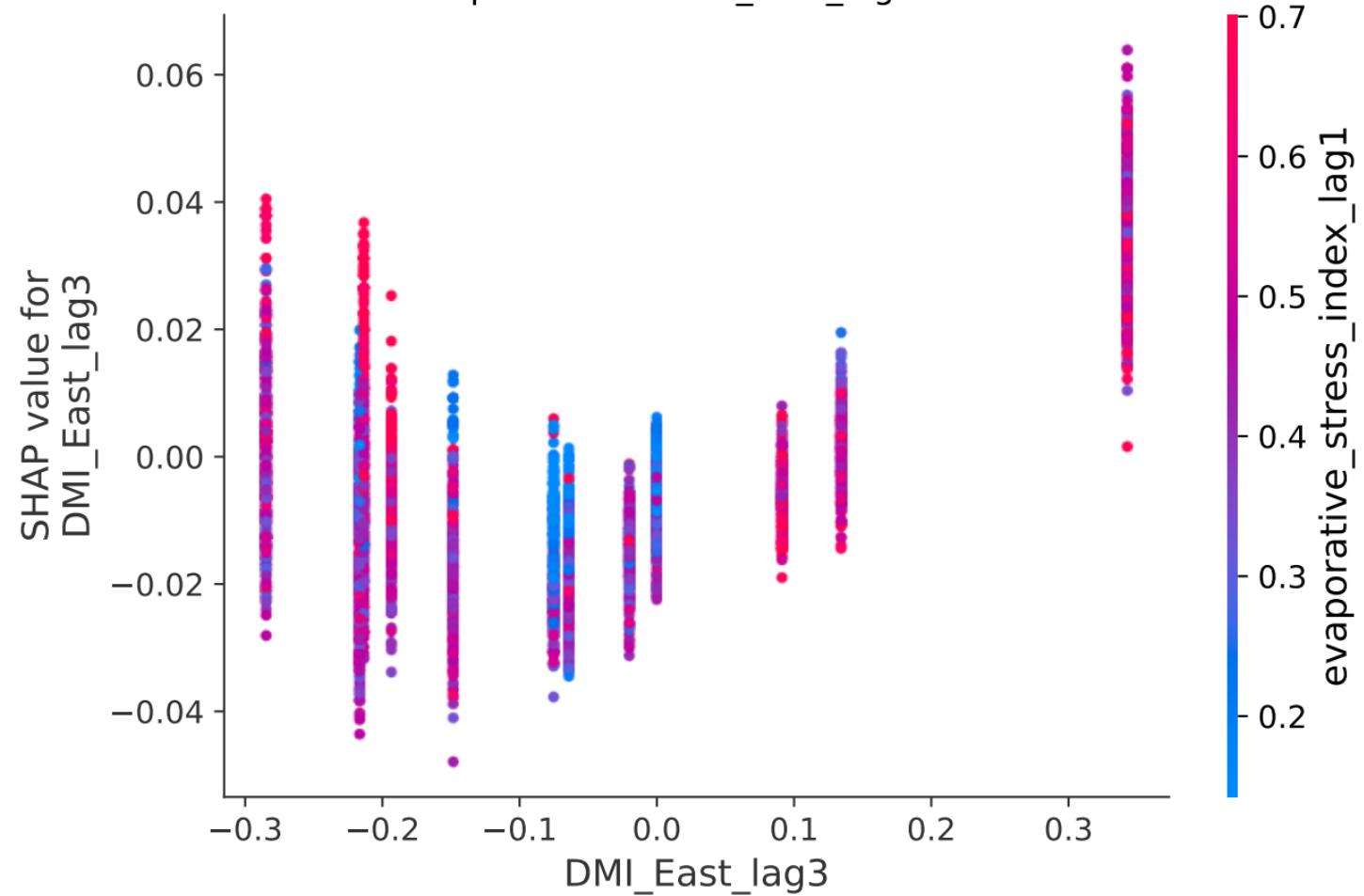
# SHAP Dependence - DMI\_East\_lag1 - Class 1



# SHAP Dependence - DMI\_East\_lag2 - Class 1



# SHAP Dependence - DMI\_East\_lag3 - Class 1



## SHAP Beeswarm - Class 2

High

Feature value

Low

temperature\_2m\_max

precipitation\_ANOM

temperature\_2m\_min\_ANOM\_lag1

precipitation

evaporative\_stress\_index

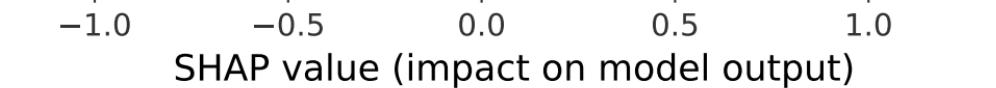
evaporative\_stress\_index\_lag2

temperature\_2m\_max\_lag2

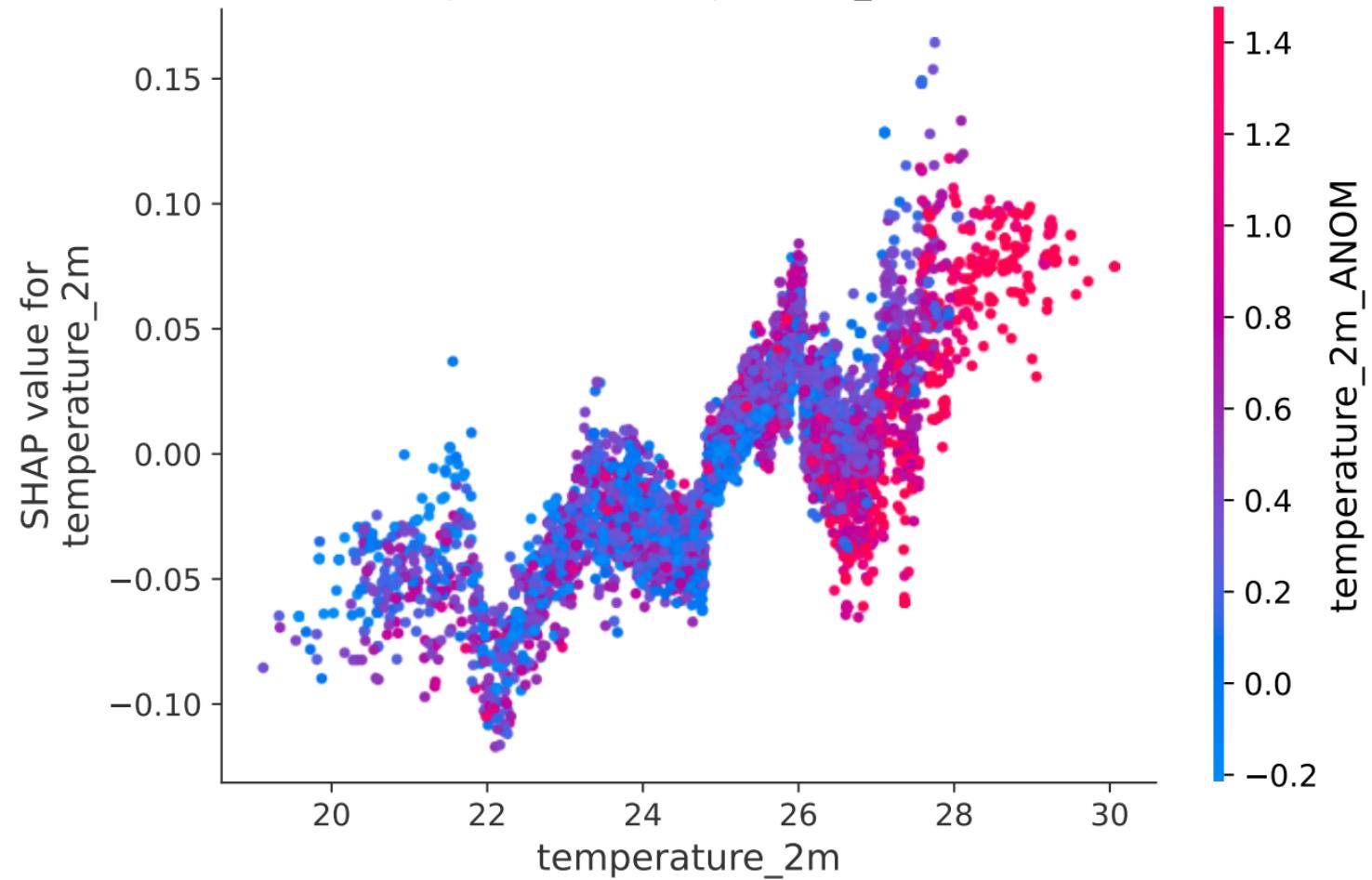
potential\_evaporation\_sum\_lag3

temperature\_2m\_max\_lag1

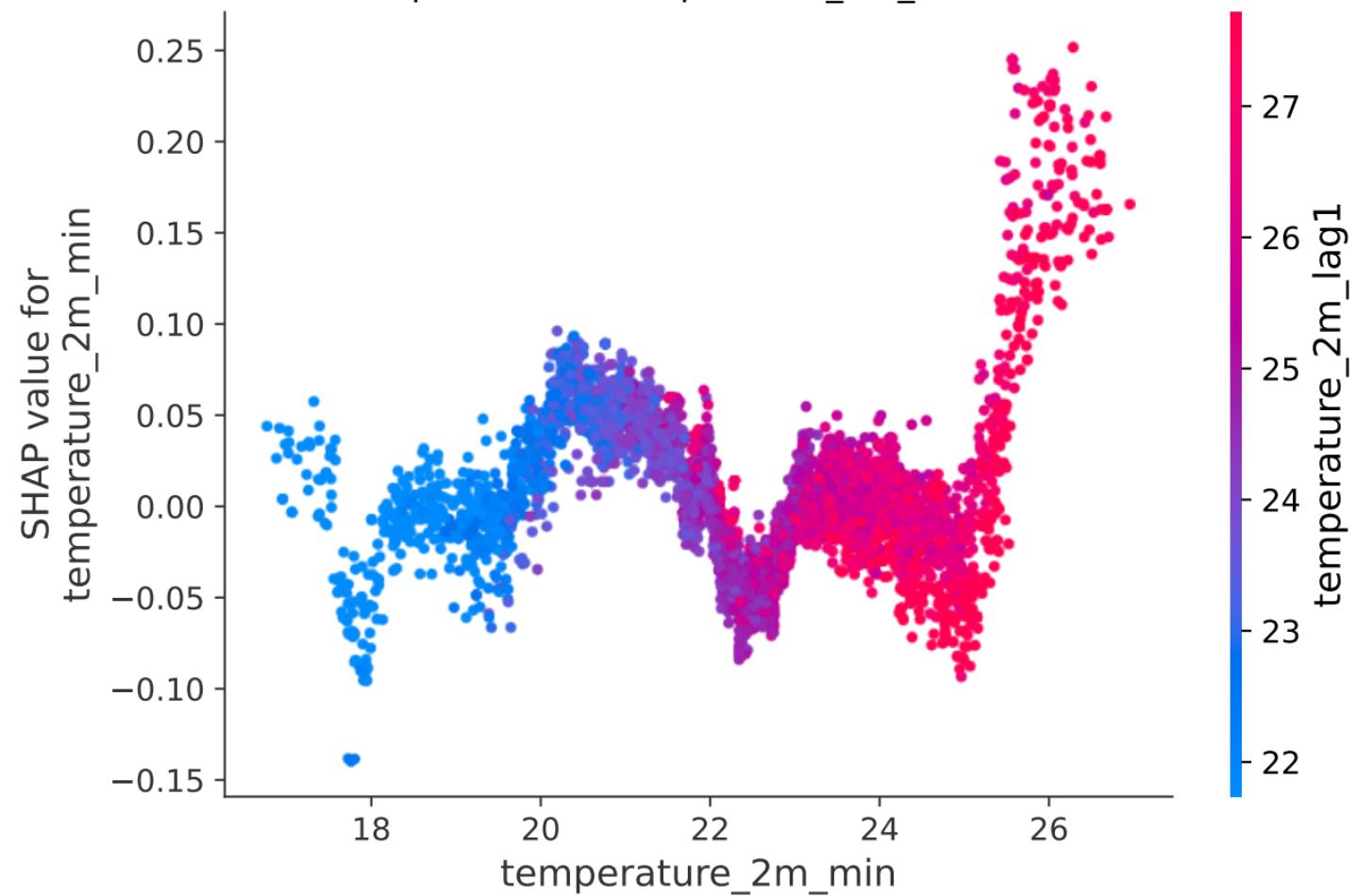
Sum of 71 other features



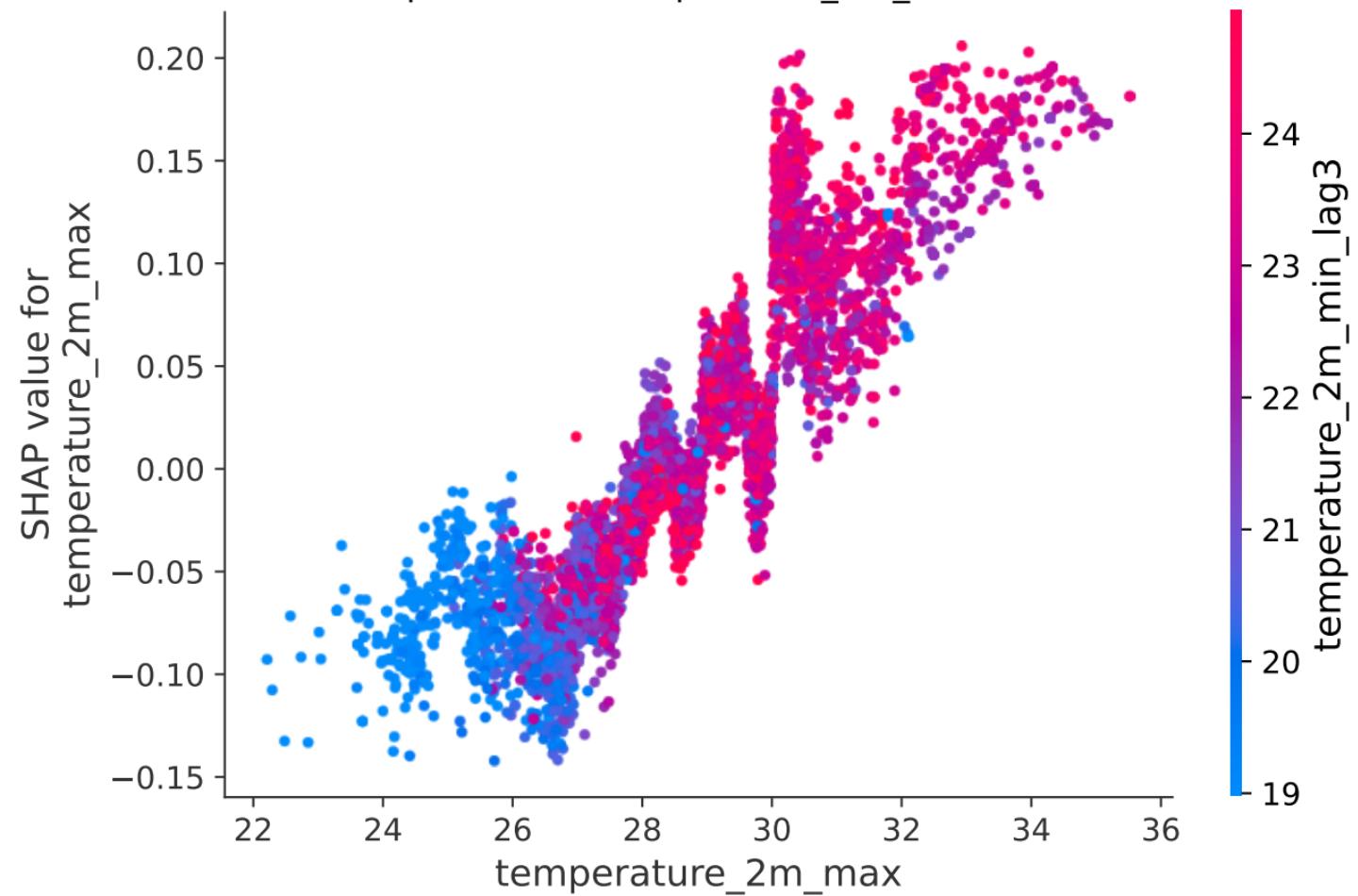
# SHAP Dependence - temperature\_2m - Class 2



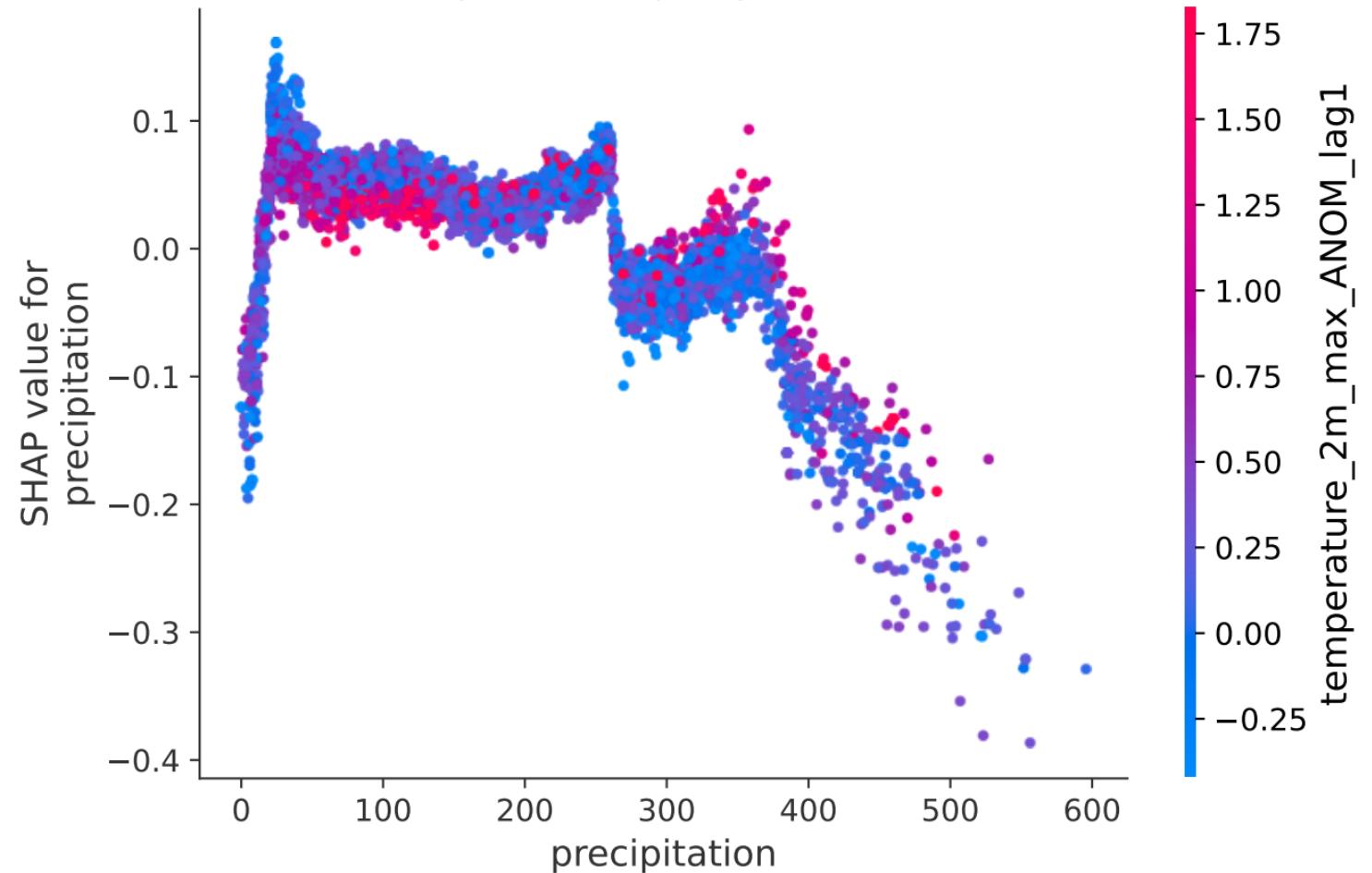
# SHAP Dependence - temperature\_2m\_min - Class 2



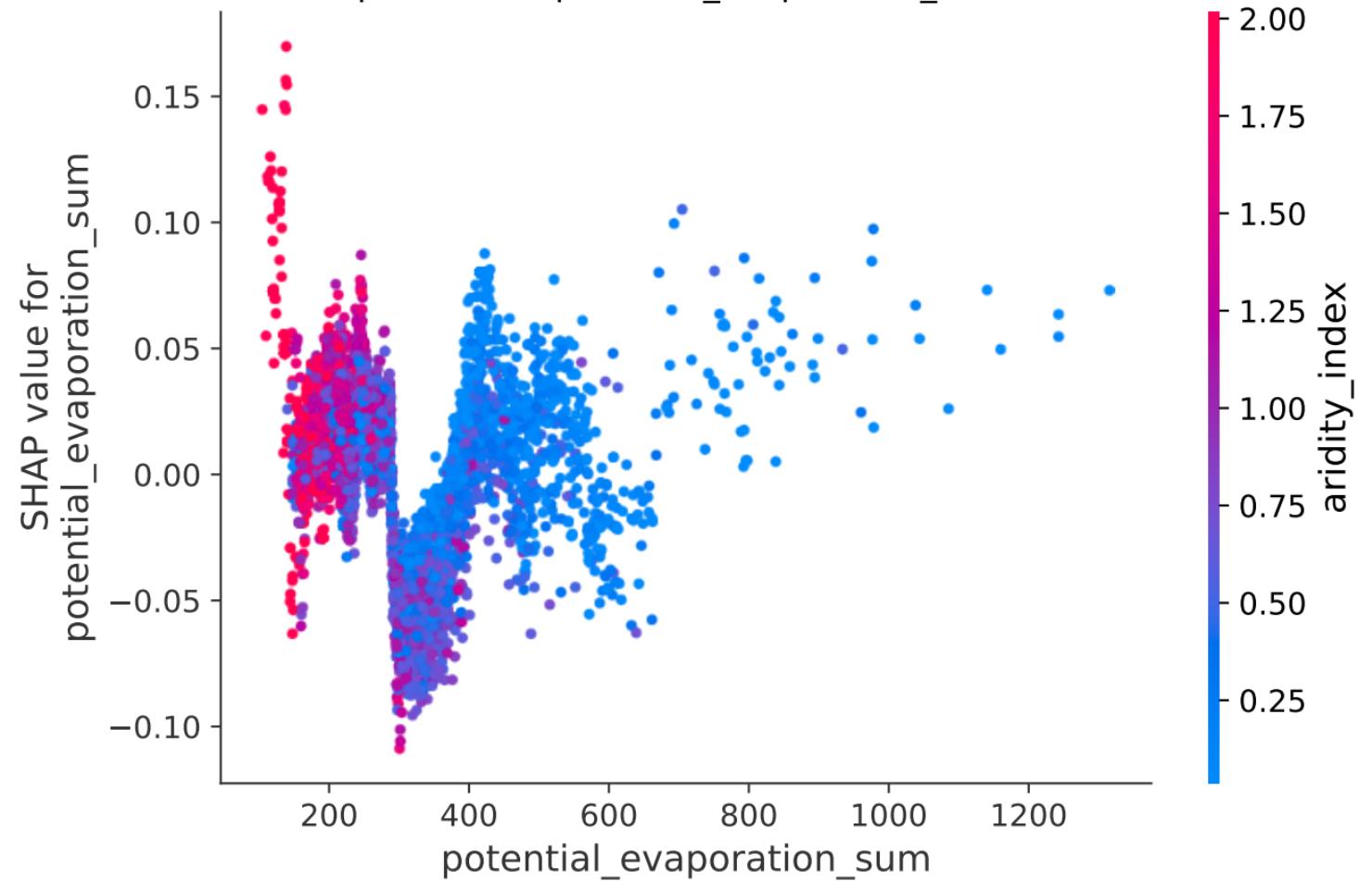
# SHAP Dependence - temperature\_2m\_max - Class 2



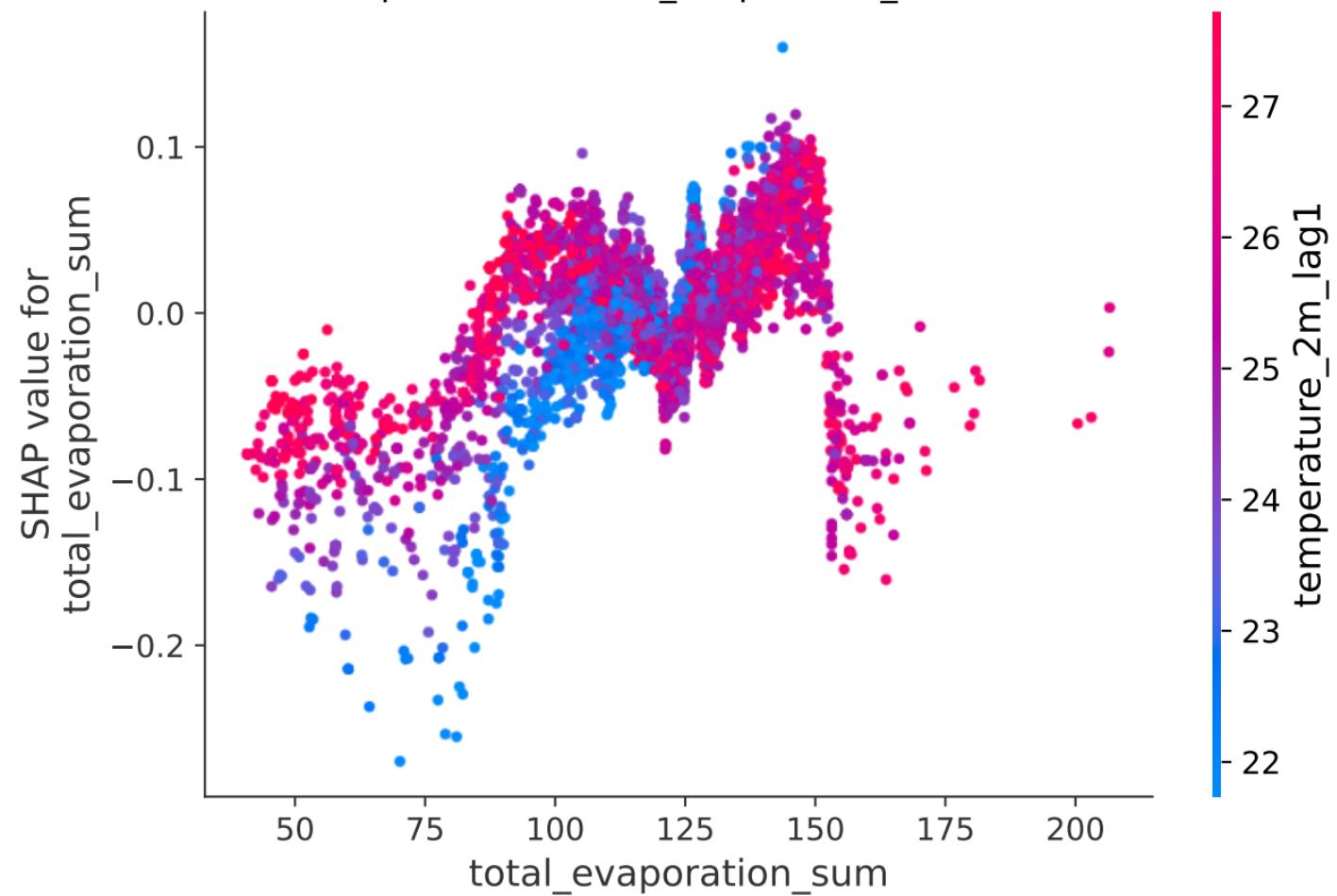
## SHAP Dependence - precipitation - Class 2



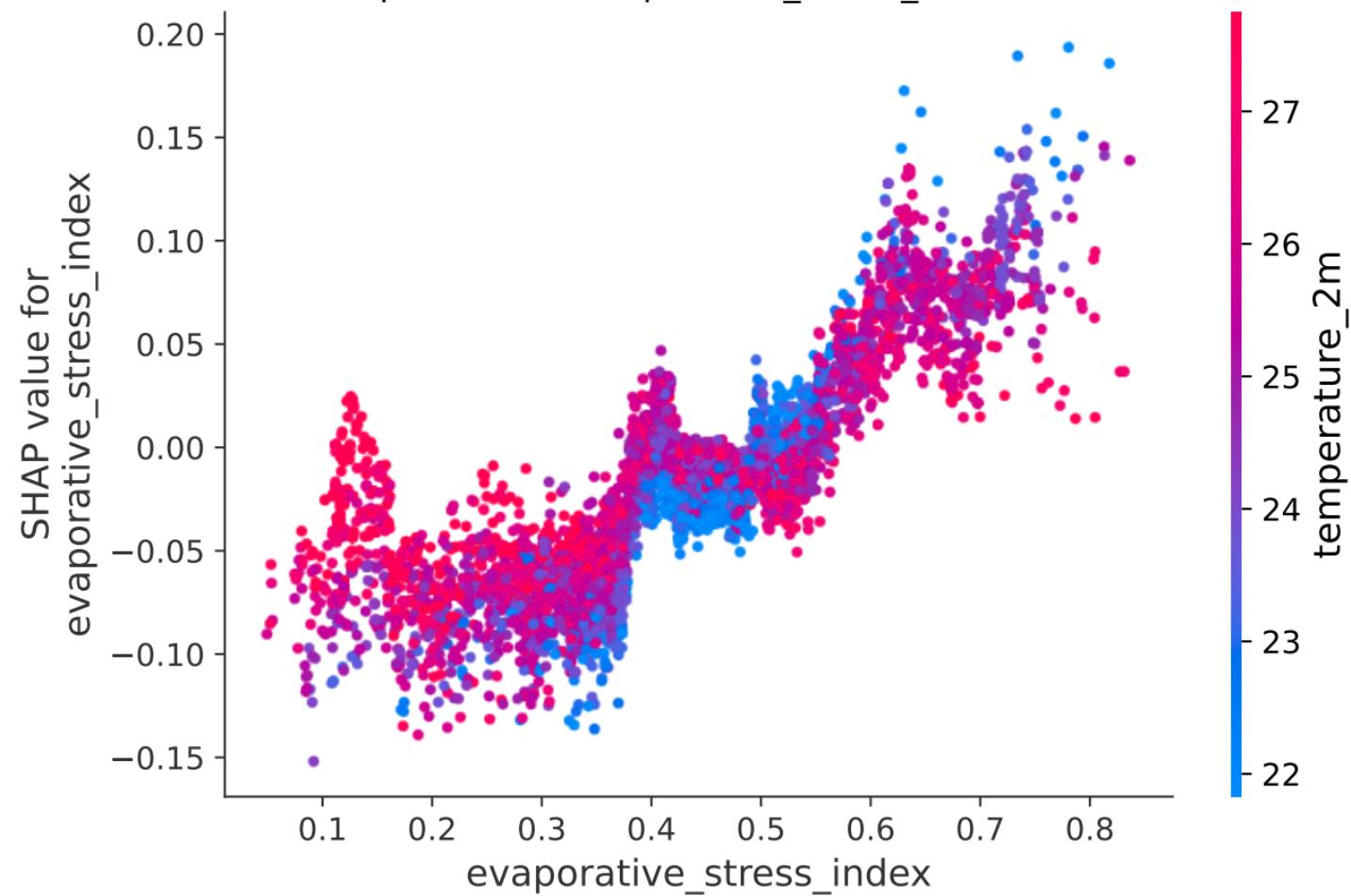
# SHAP Dependence - potential\_evaporation\_sum - Class 2



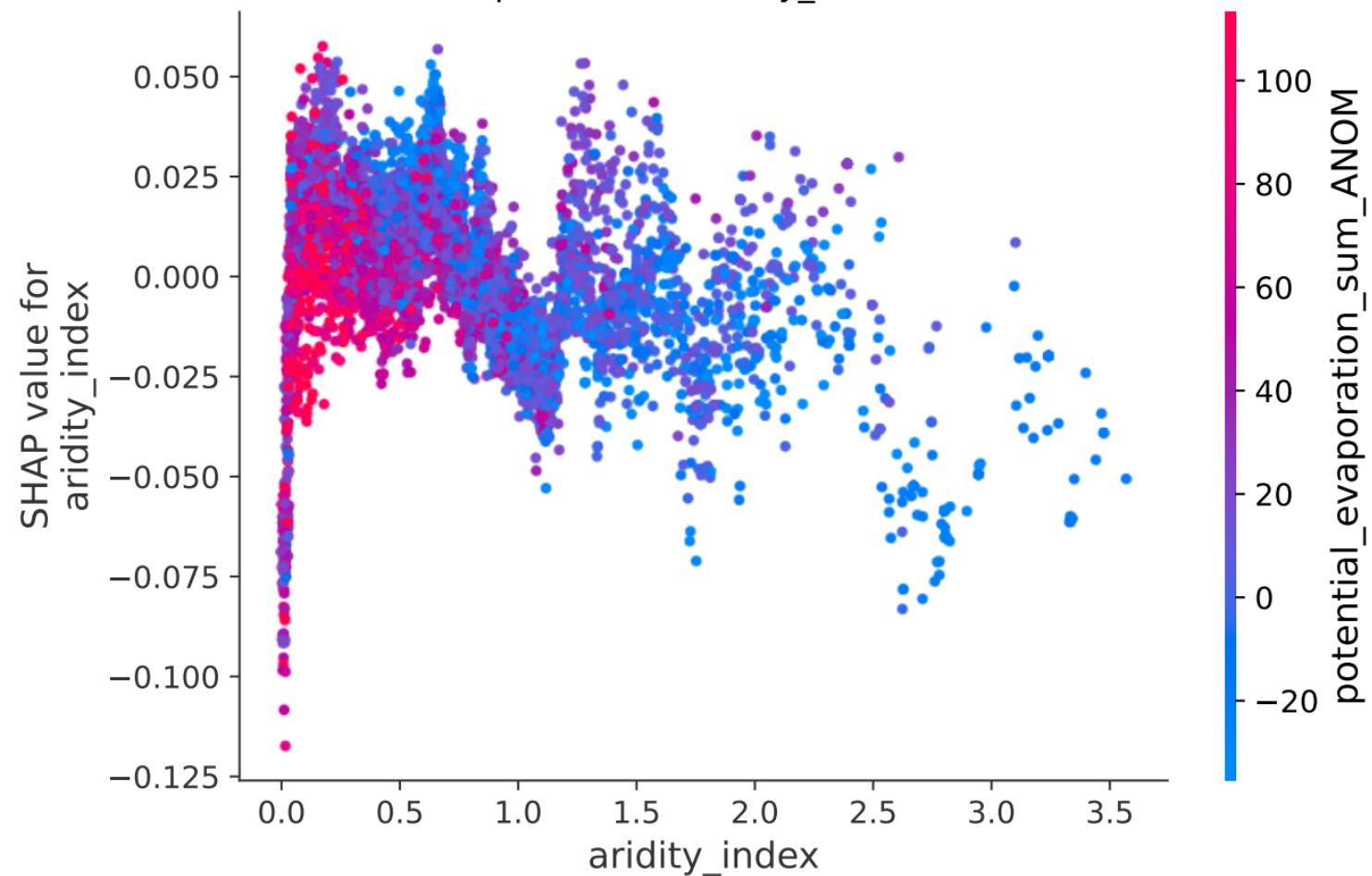
# SHAP Dependence - total\_evaporation\_sum - Class 2



# SHAP Dependence - evaporative\_stress\_index - Class 2

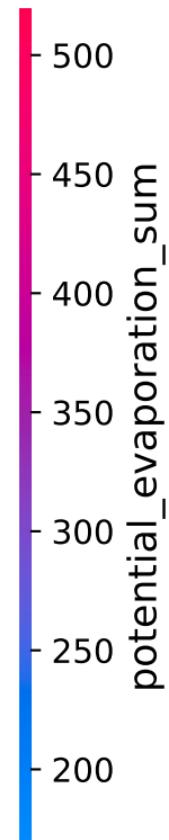
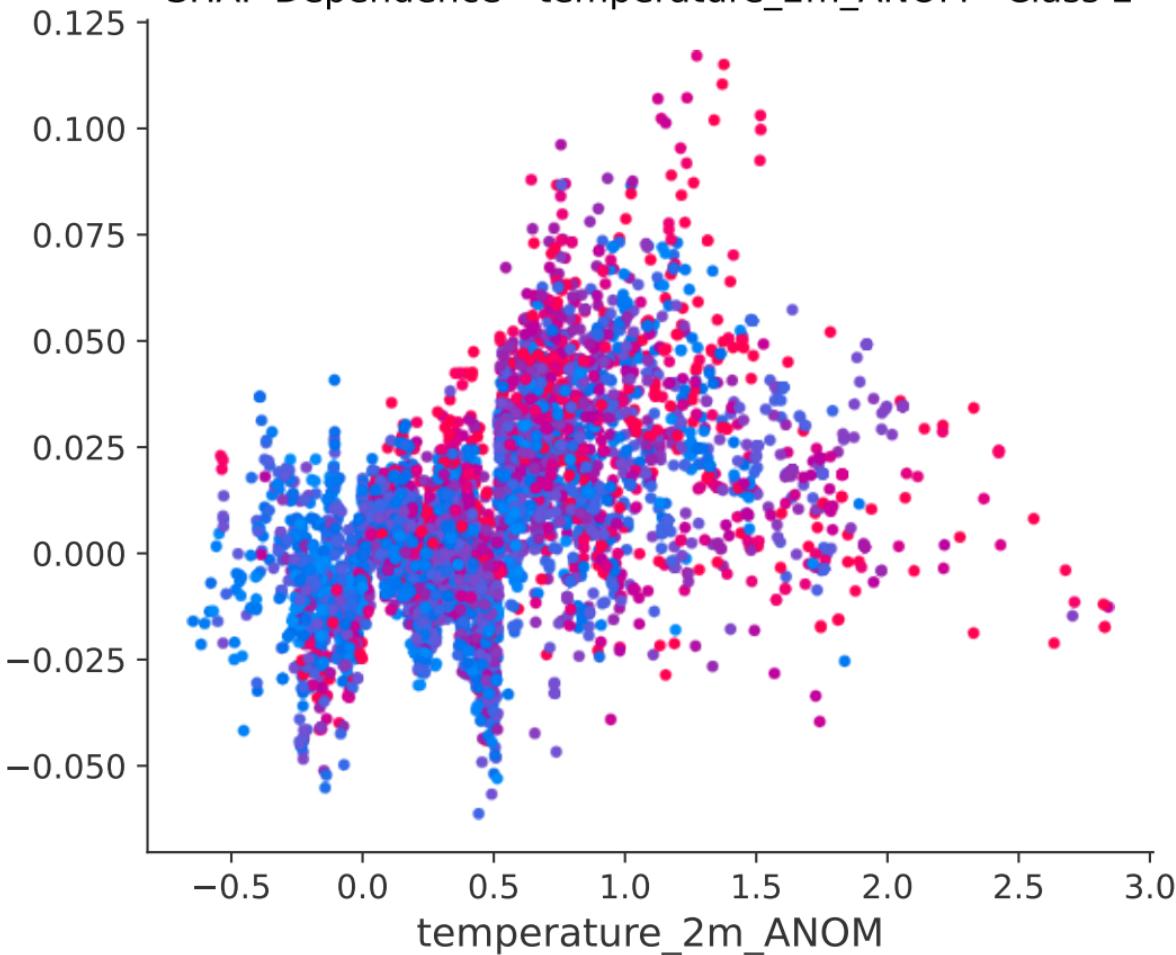


## SHAP Dependence - aridity\_index - Class 2

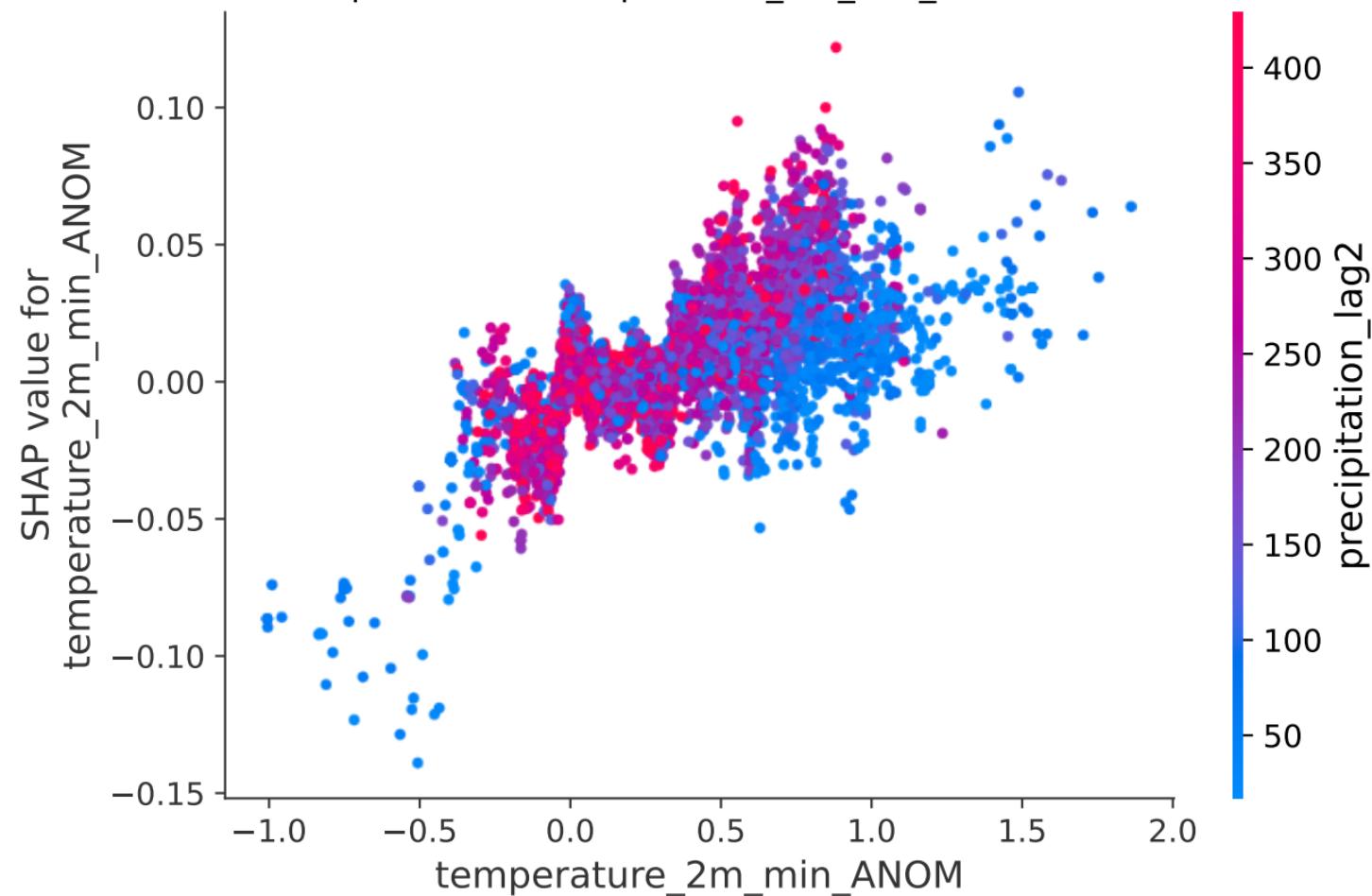


# SHAP Dependence - temperature\_2m\_ANOM - Class 2

SHAP value for  
temperature\_2m\_ANOM

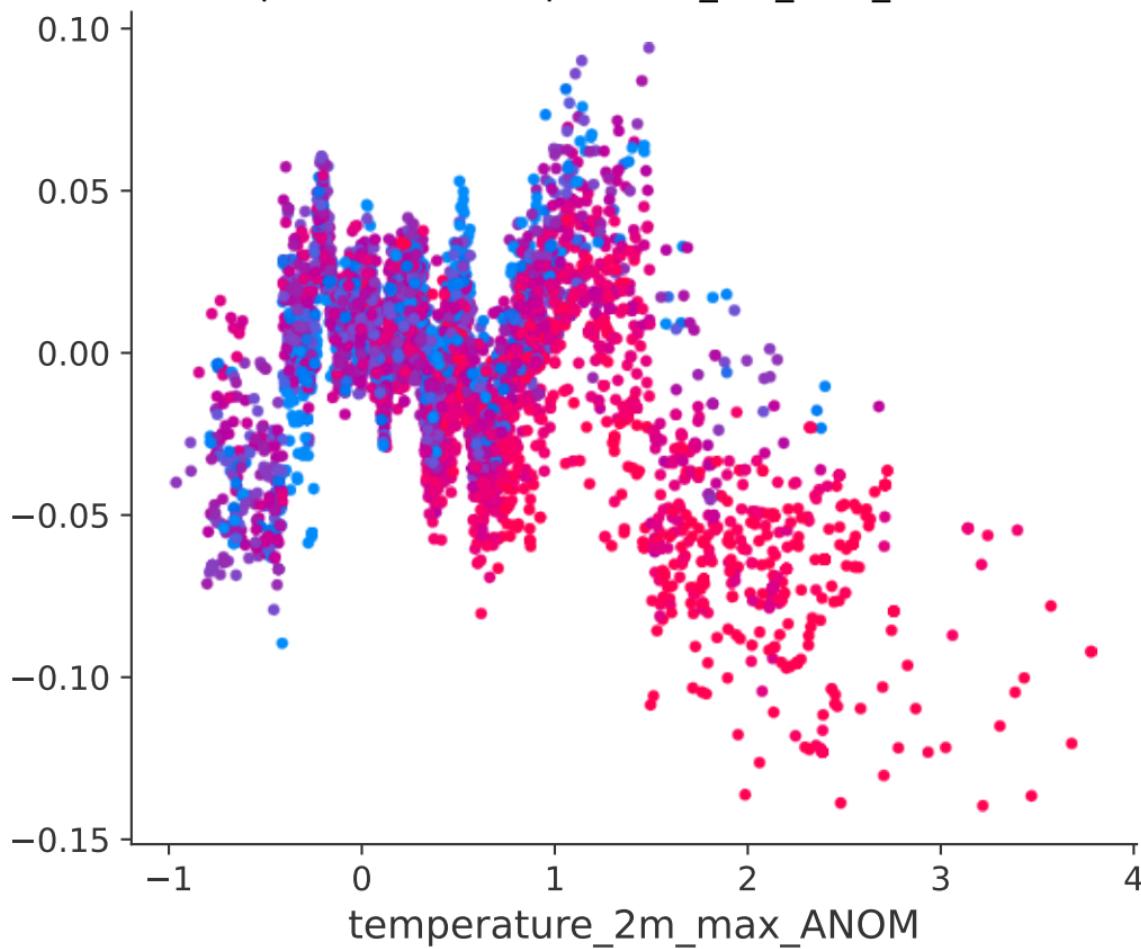


# SHAP Dependence - temperature\_2m\_min\_ANOM - Class 2

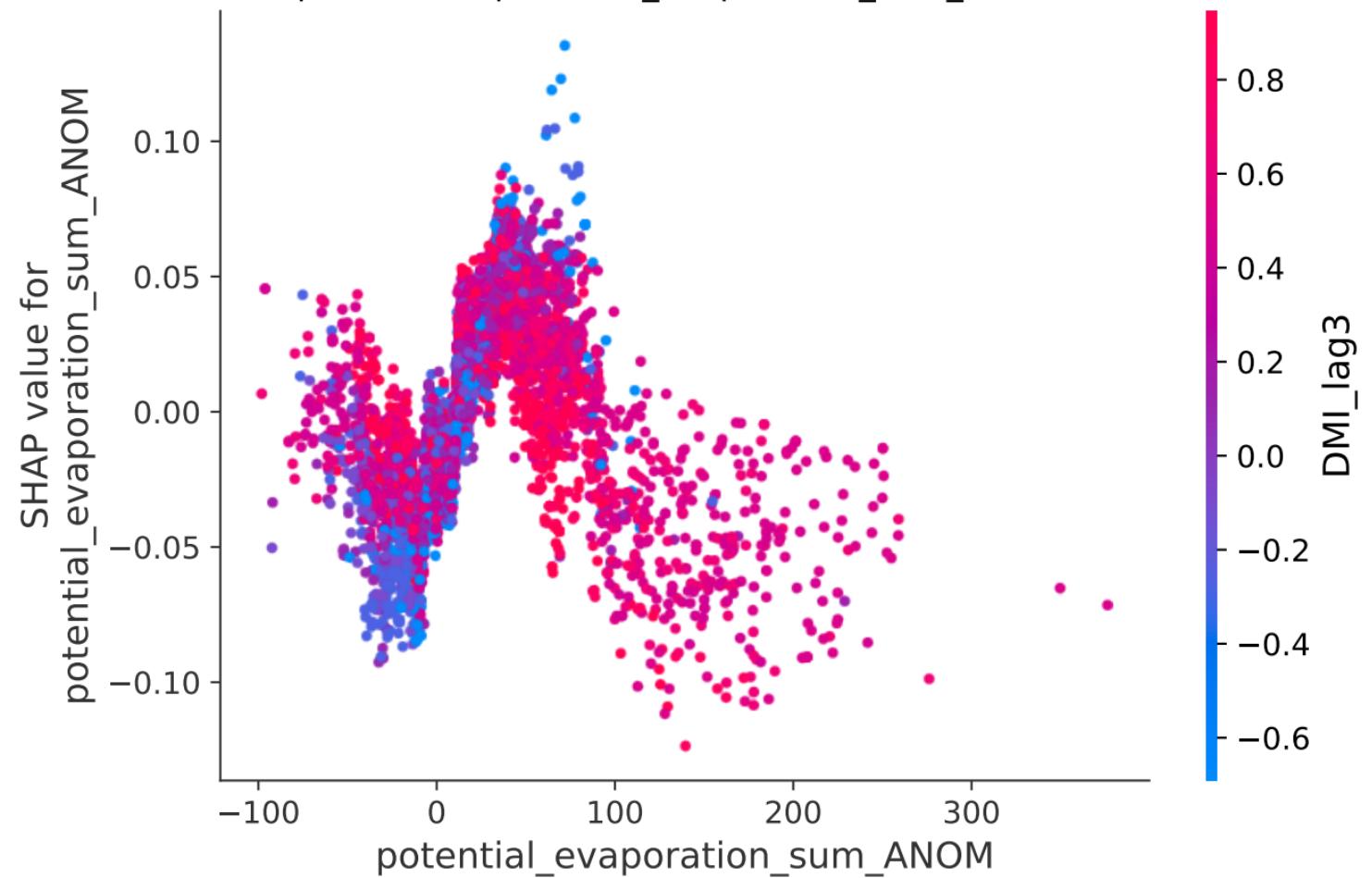


# SHAP Dependence - temperature\_2m\_max\_ANOM - Class 2

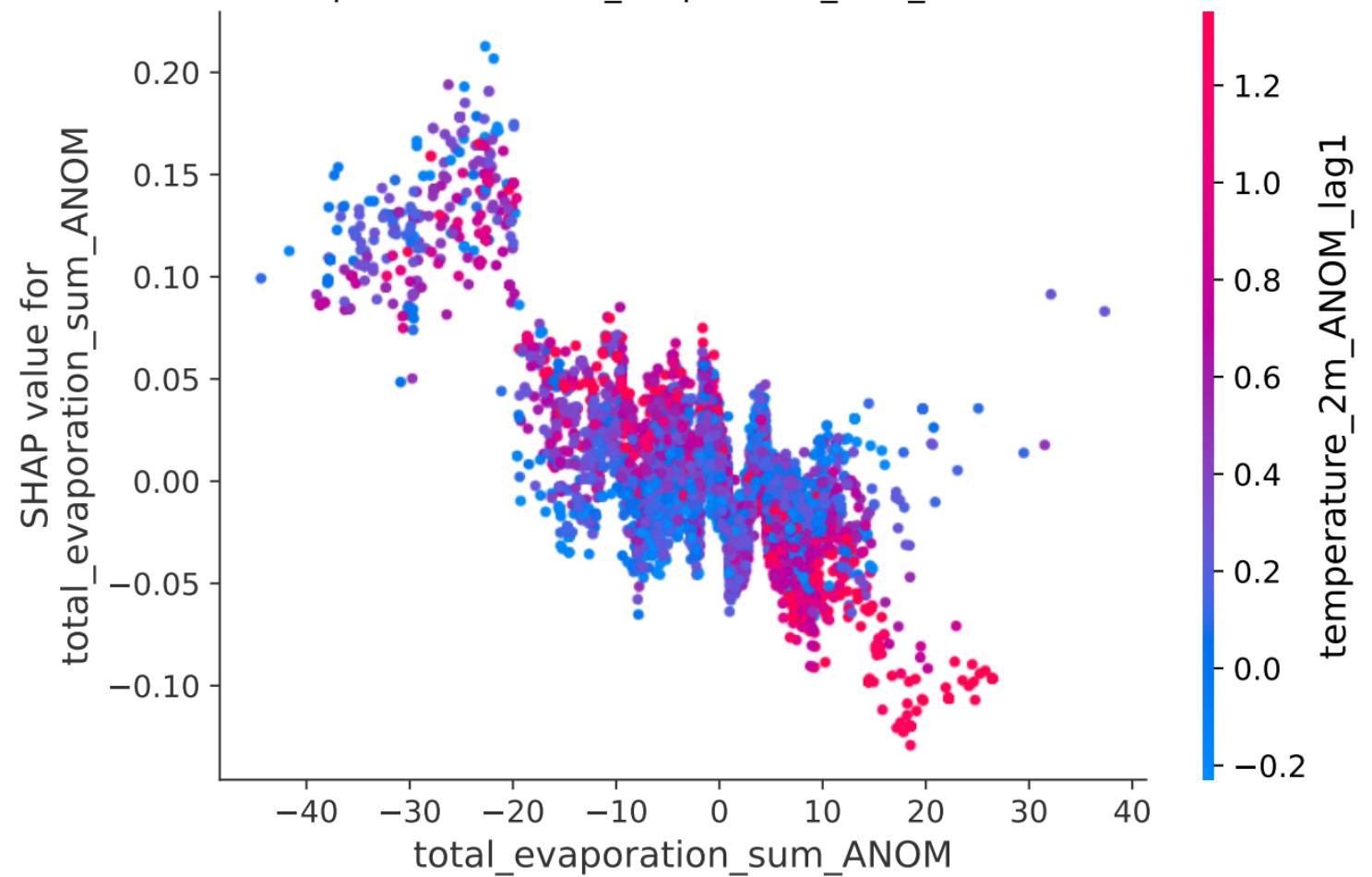
SHAP value for  
temperature\_2m\_max\_ANOM



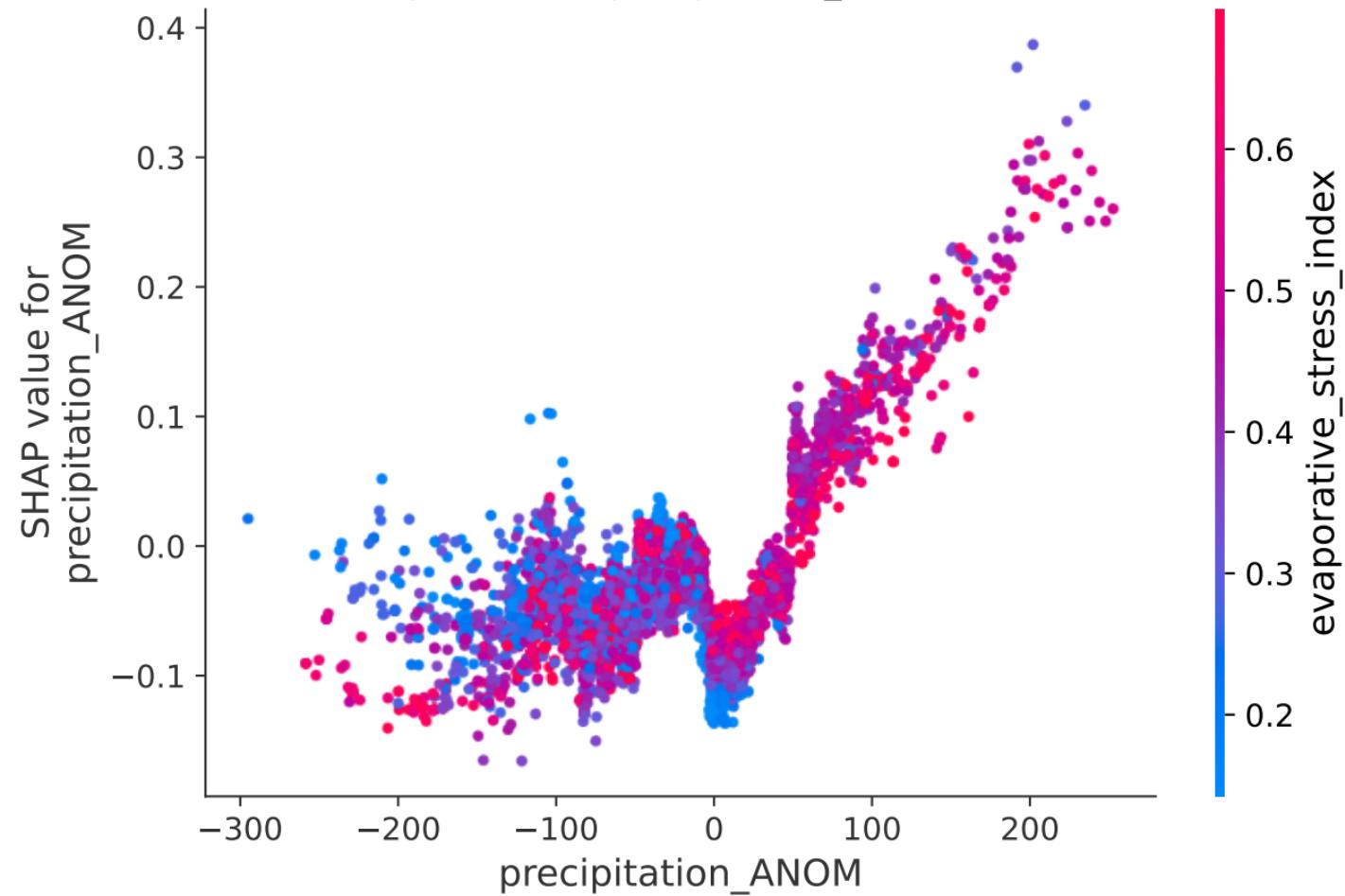
# SHAP Dependence - potential\_evaporation\_sum\_ANOM - Class 2



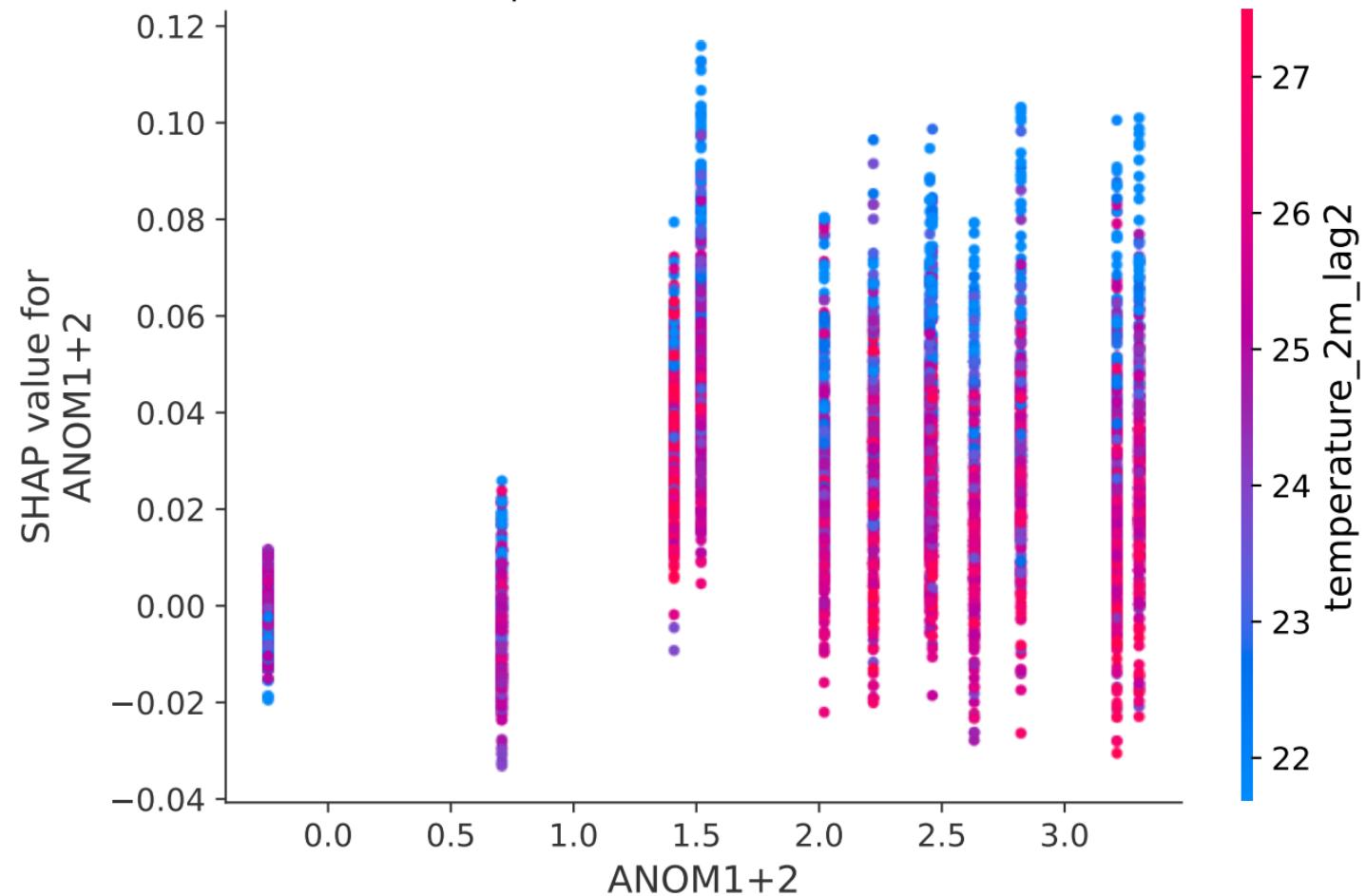
# SHAP Dependence - total\_evaporation\_sum\_ANOM - Class 2



# SHAP Dependence - precipitation\_ANOM - Class 2

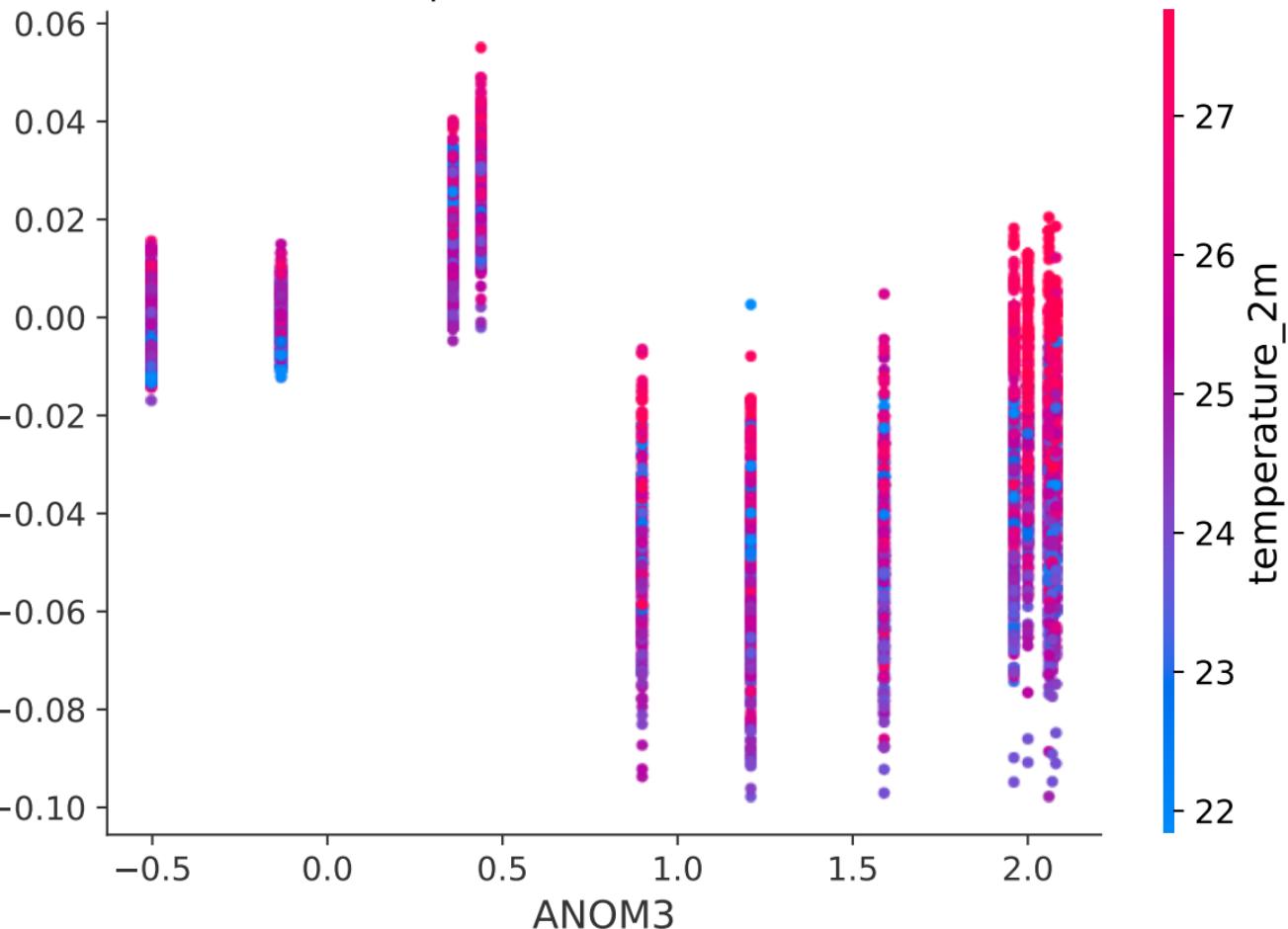


# SHAP Dependence - ANOM1+2 - Class 2

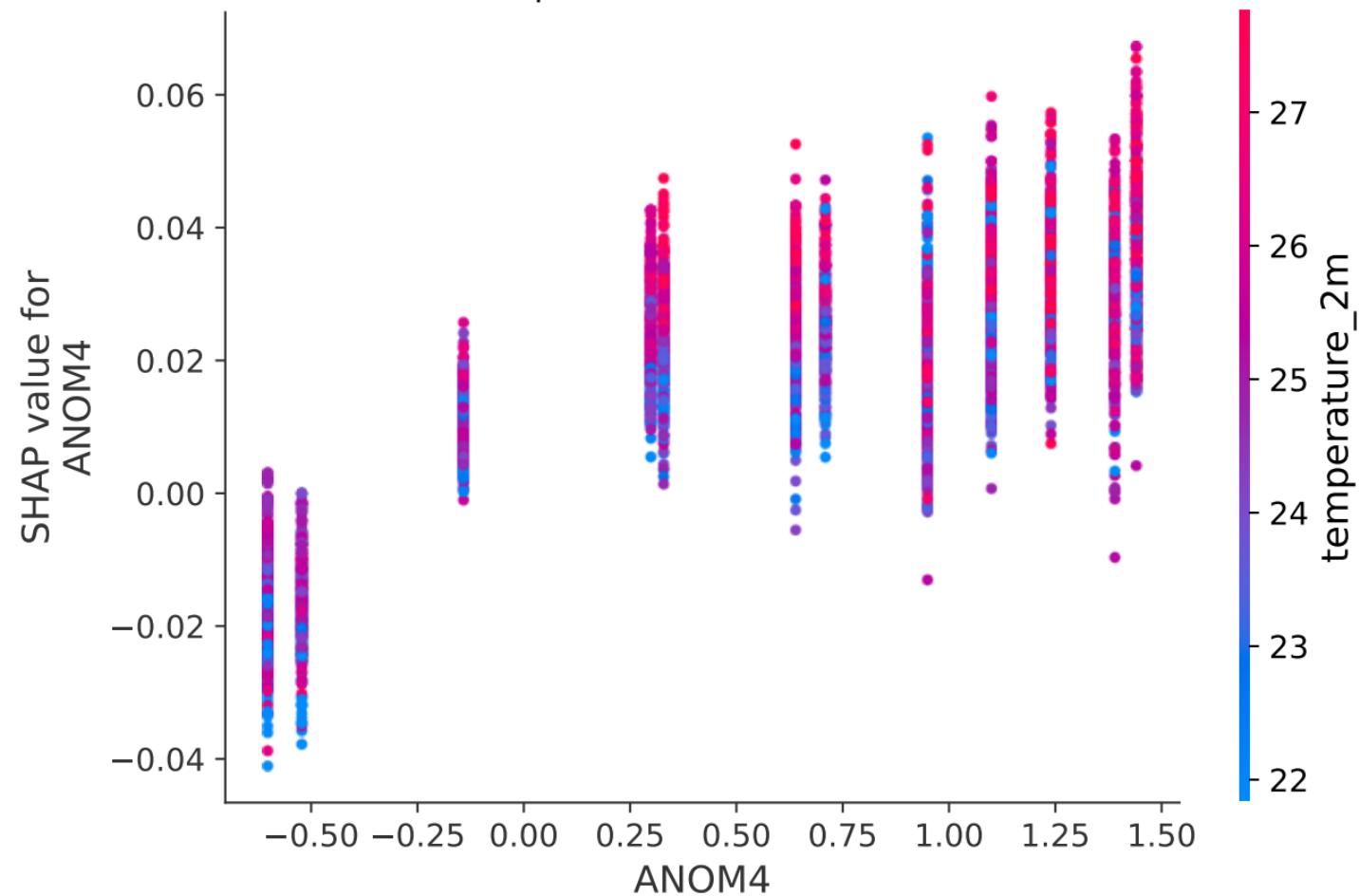


# SHAP Dependence - ANOM3 - Class 2

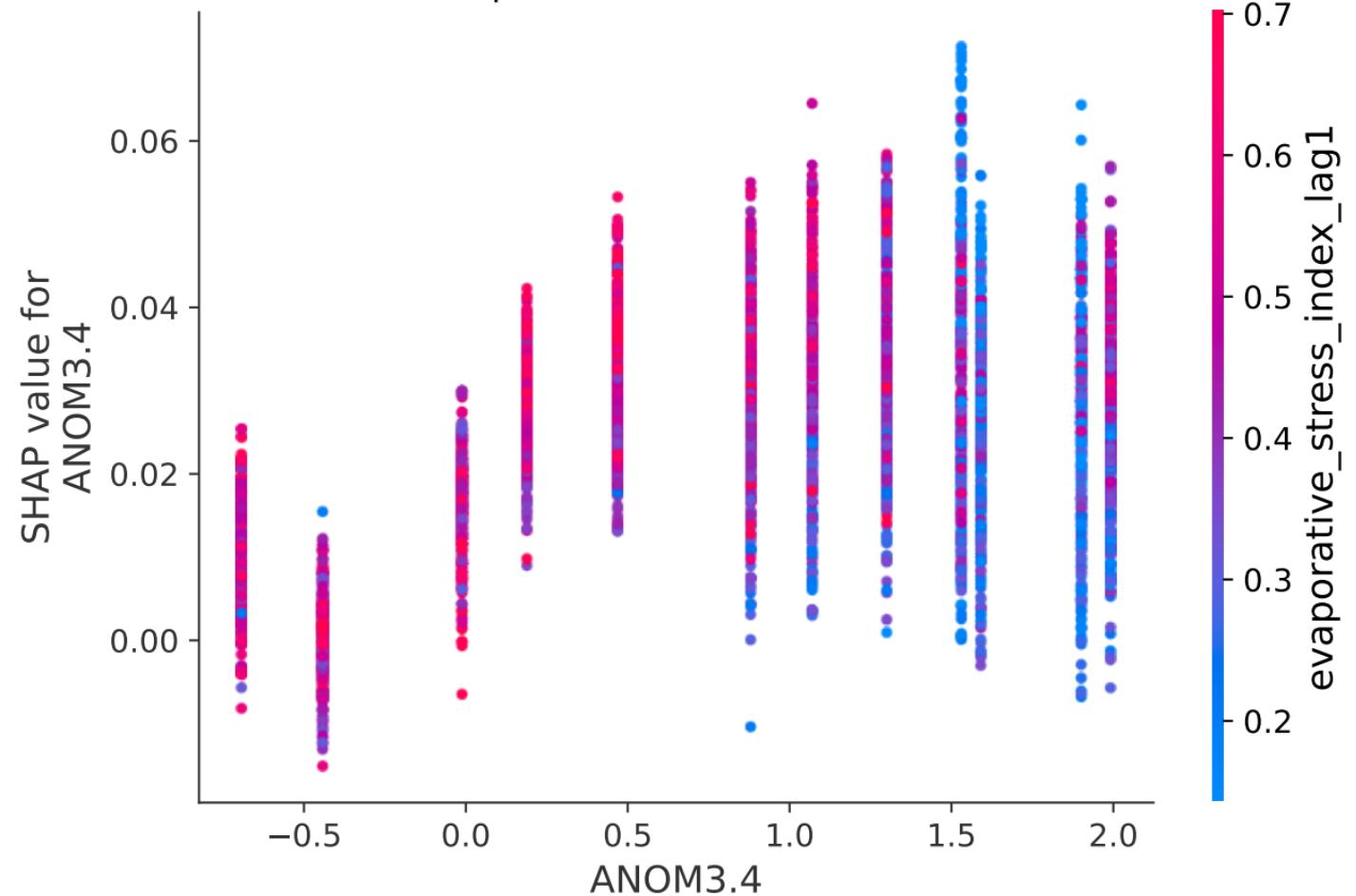
SHAP value for  
ANOM3



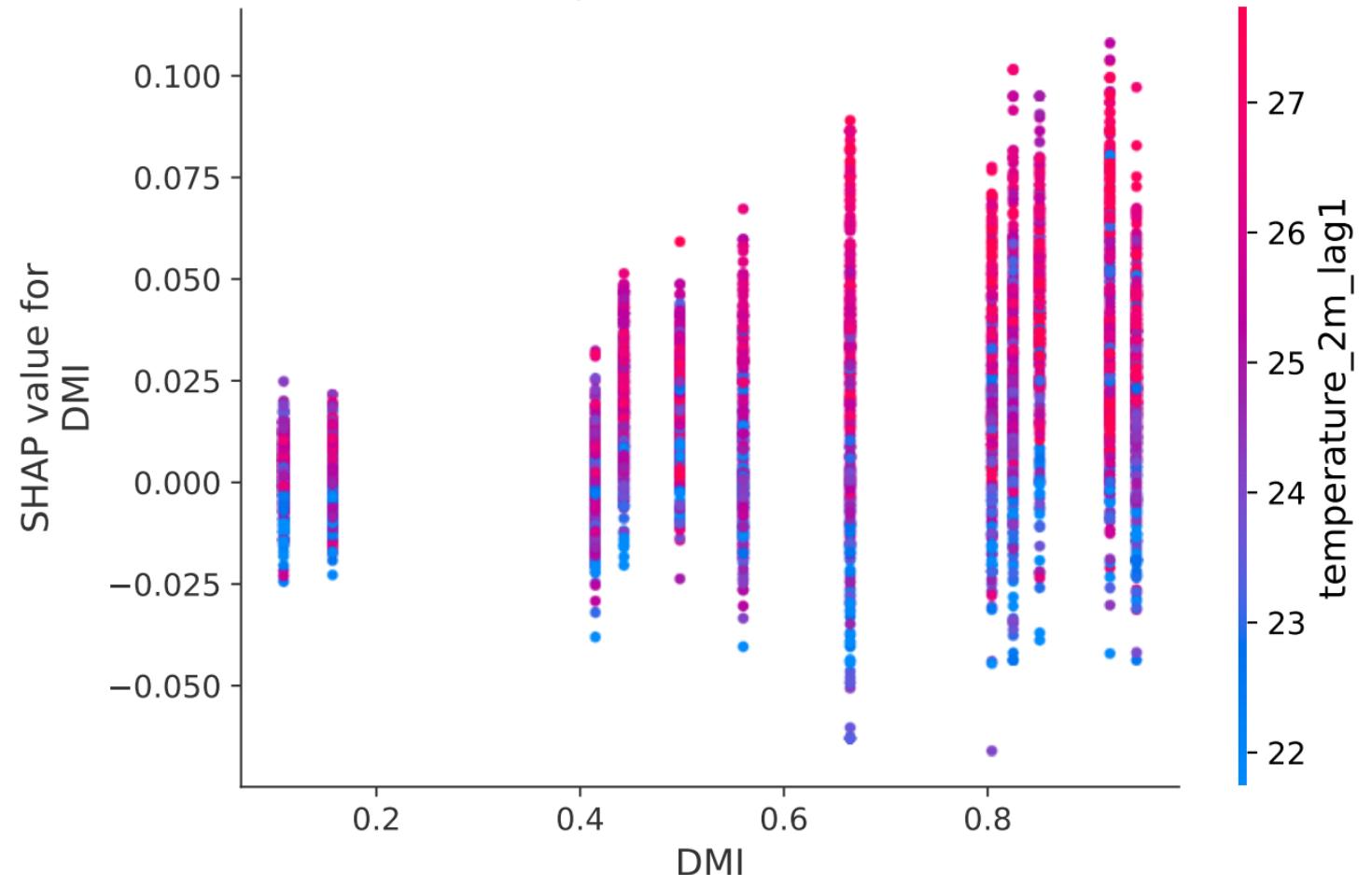
# SHAP Dependence - ANOM4 - Class 2



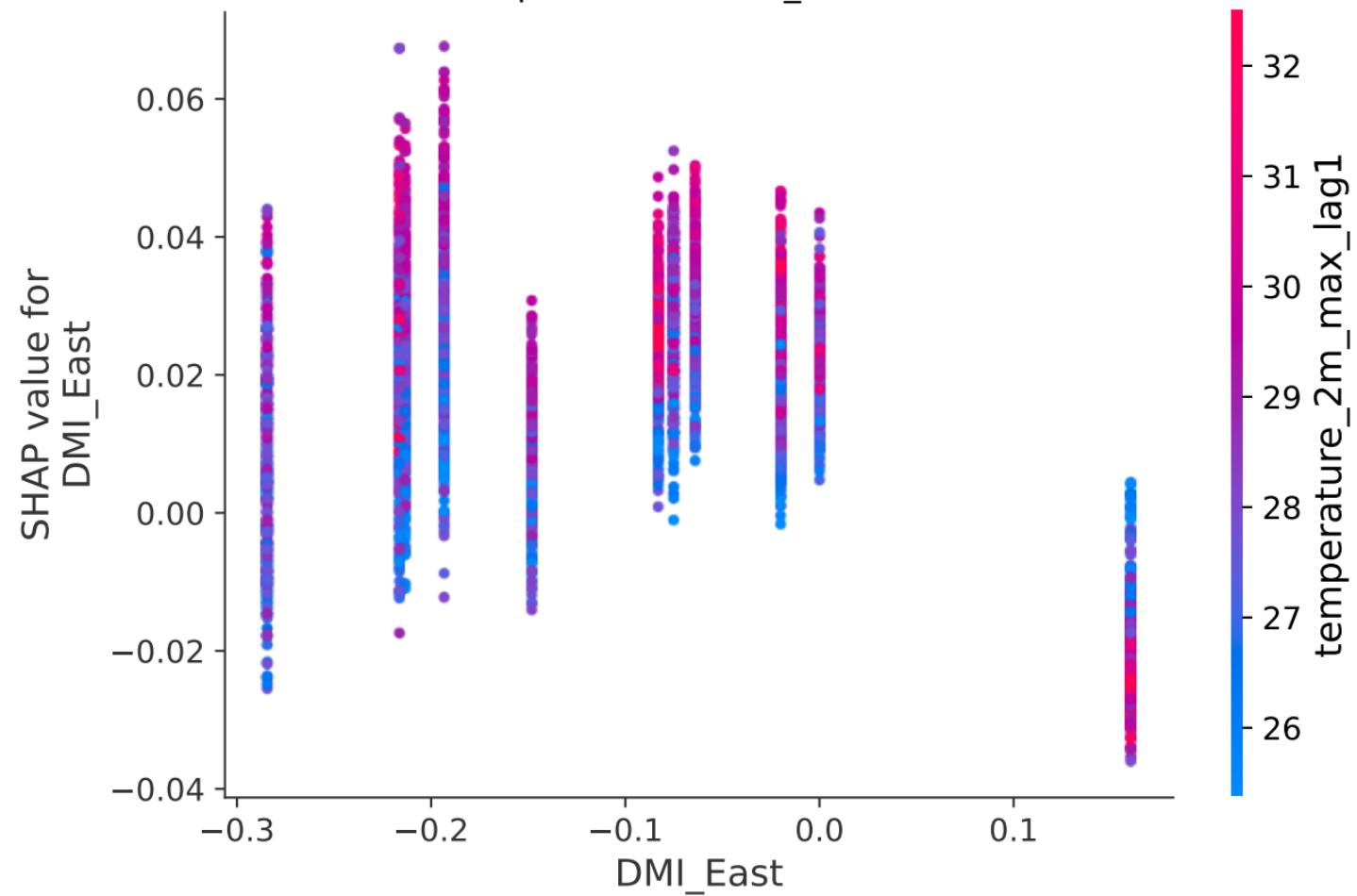
# SHAP Dependence - ANOM3.4 - Class 2



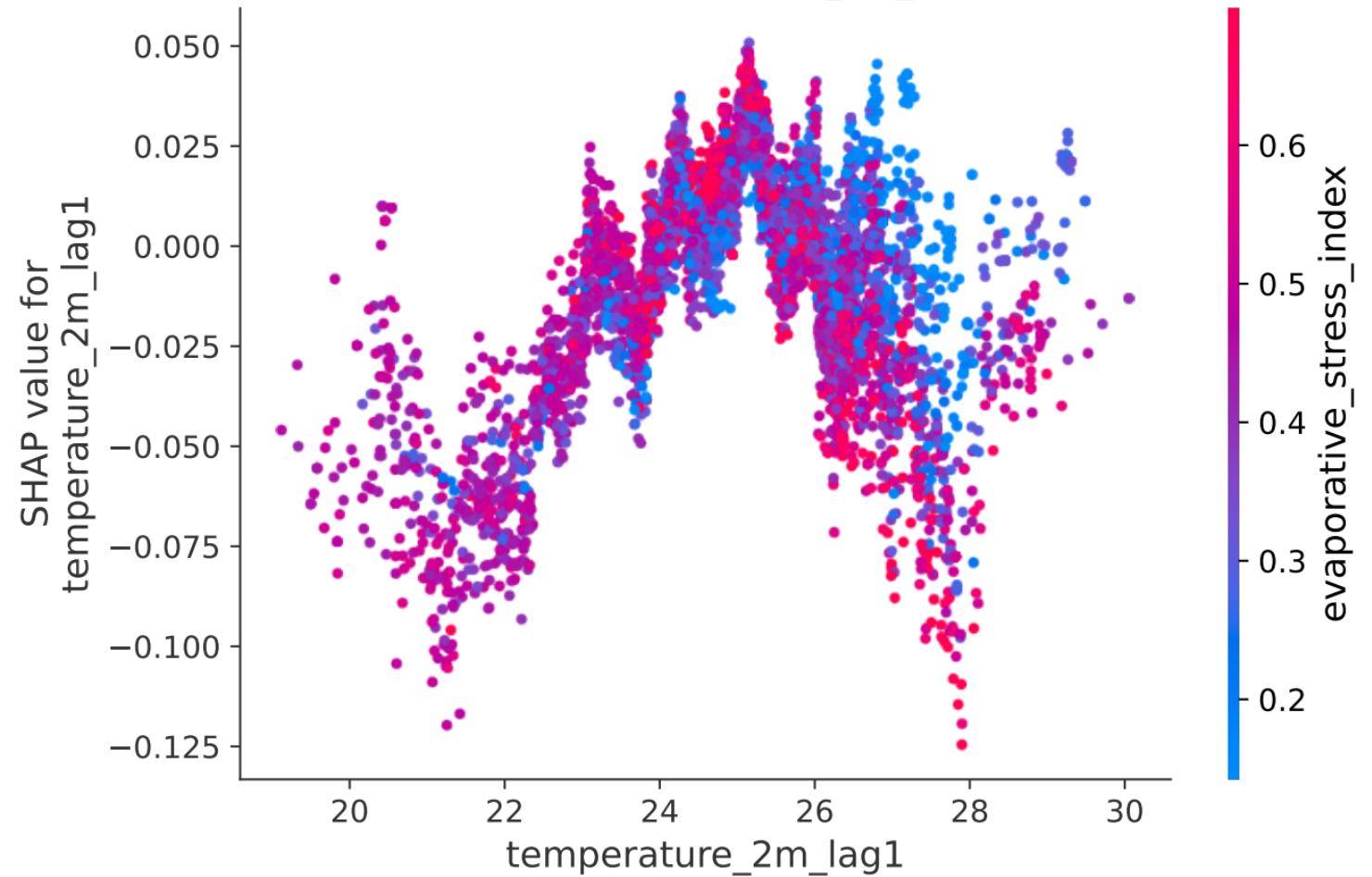
## SHAP Dependence - DMI - Class 2



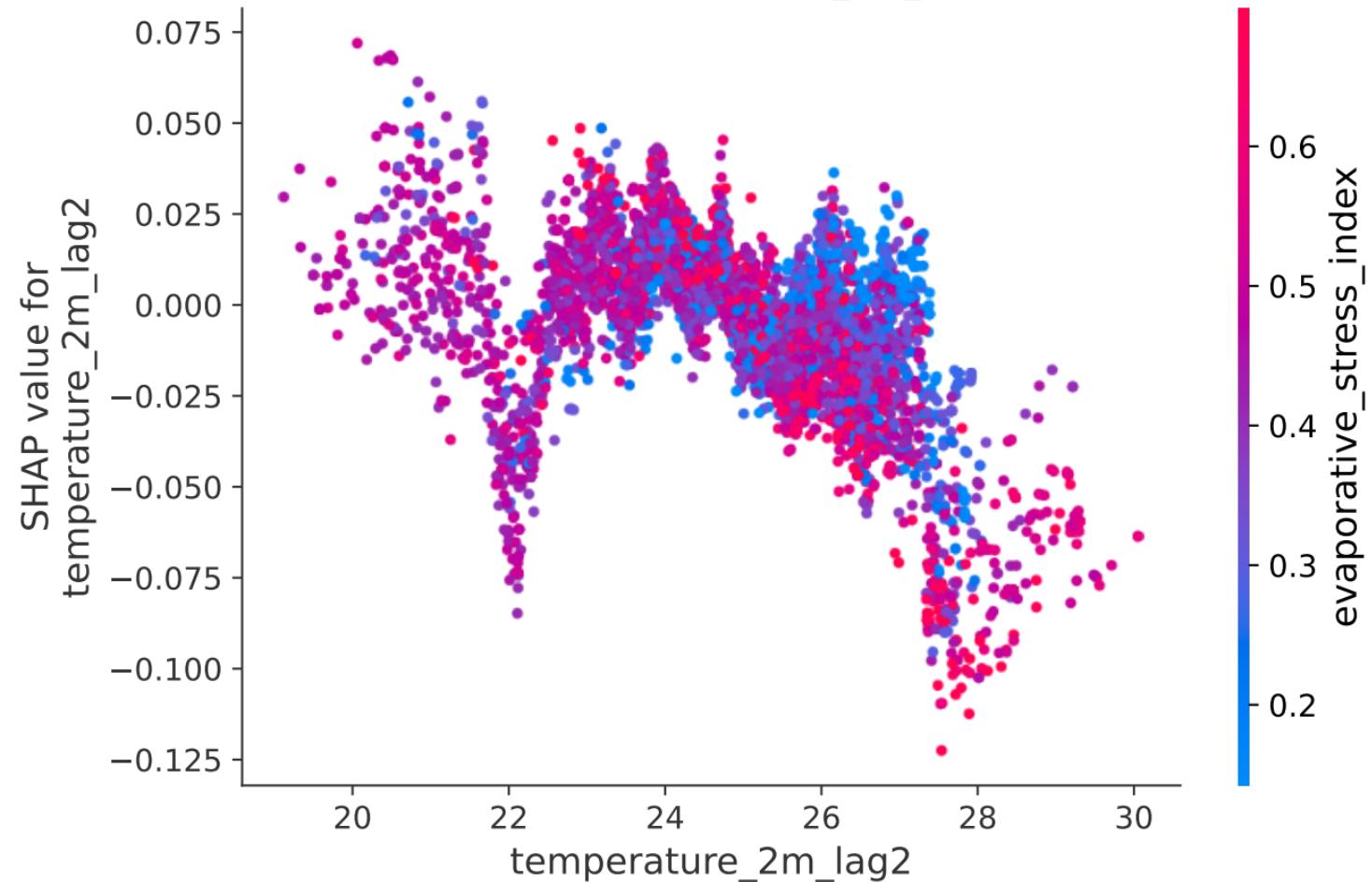
# SHAP Dependence - DMI\_East - Class 2



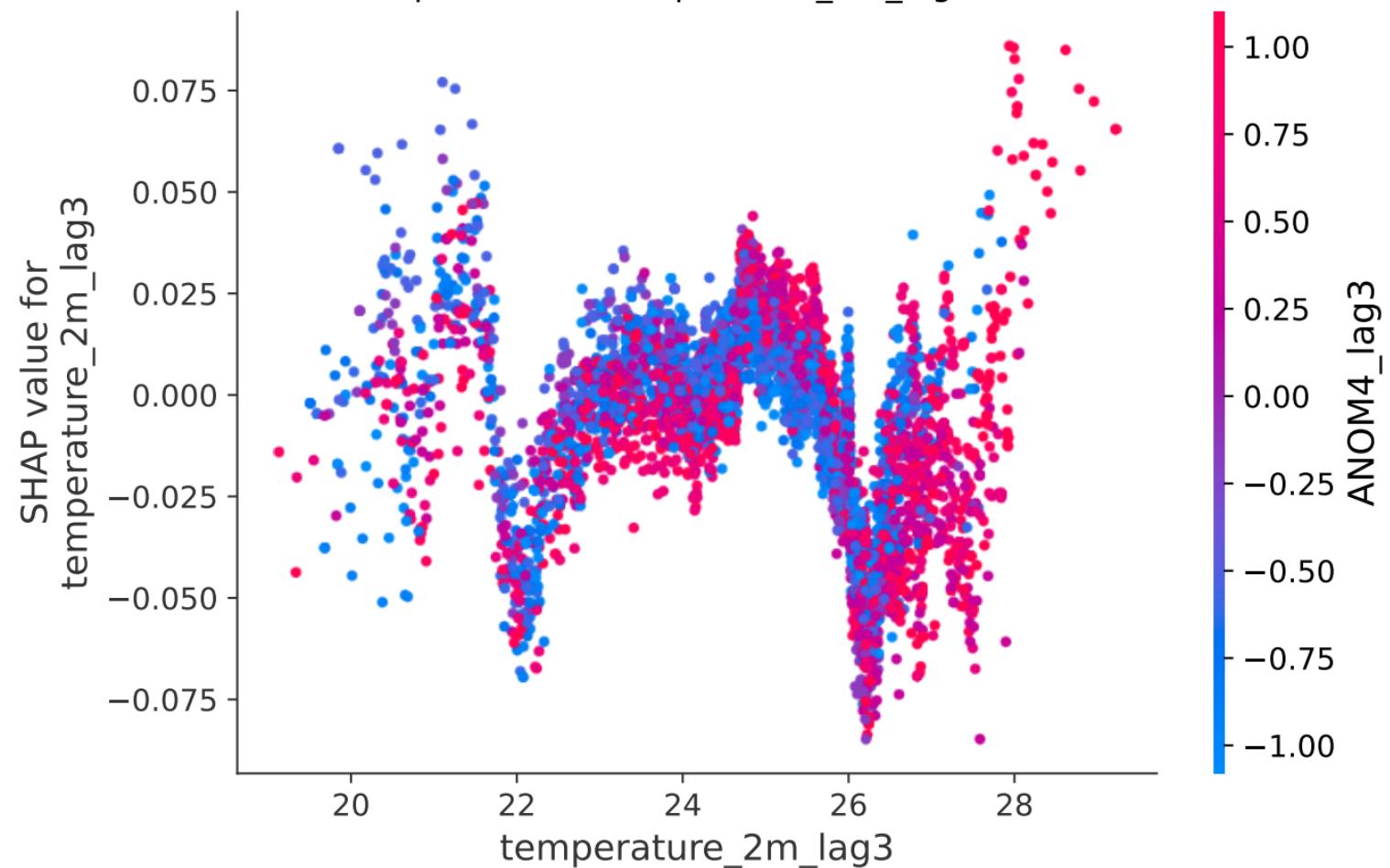
# SHAP Dependence - temperature\_2m\_lag1 - Class 2



# SHAP Dependence - temperature\_2m\_lag2 - Class 2

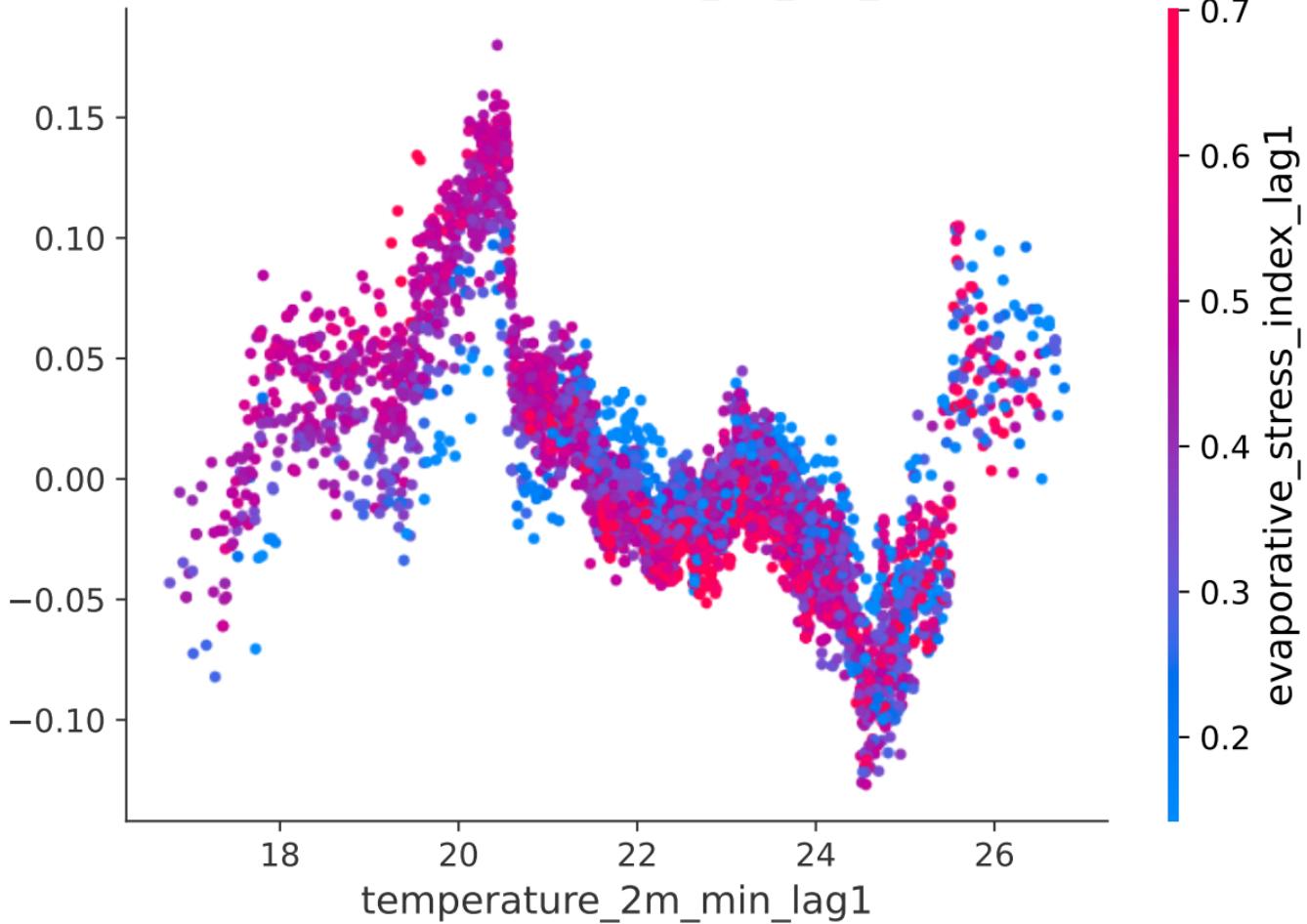


# SHAP Dependence - temperature\_2m\_lag3 - Class 2

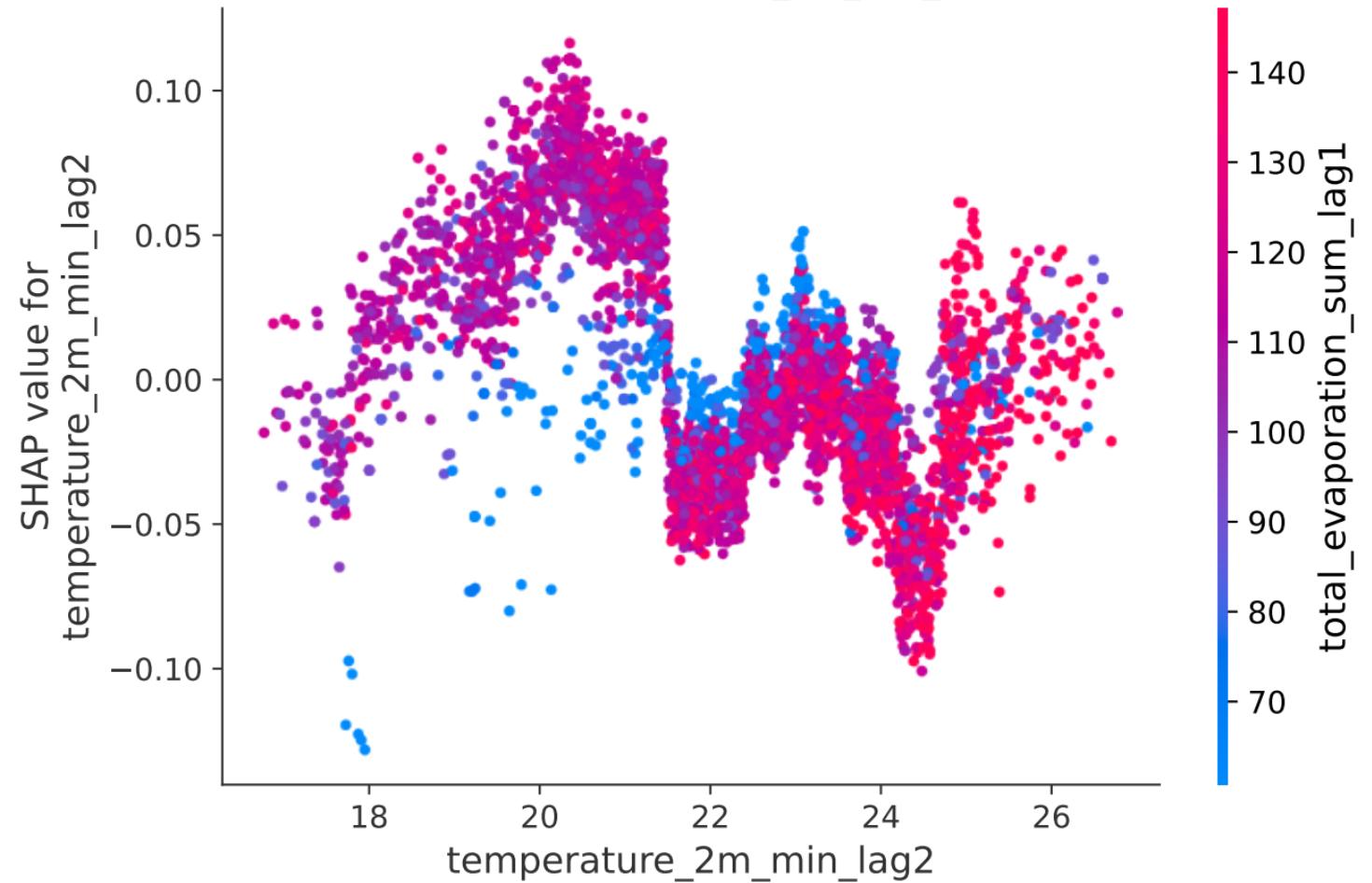


# SHAP Dependence - temperature\_2m\_min\_lag1 - Class 2

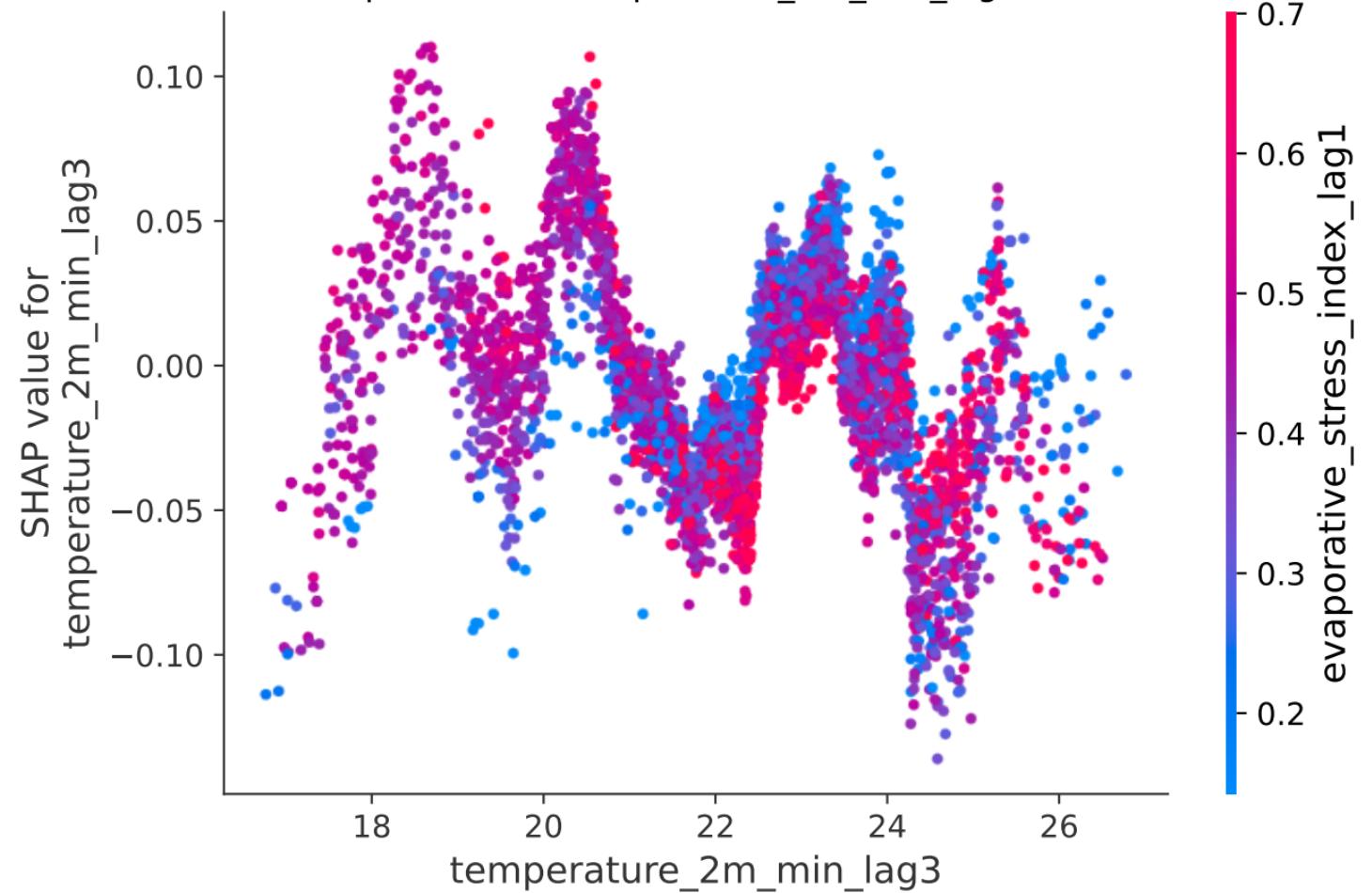
SHAP value for  
temperature\_2m\_min\_lag1



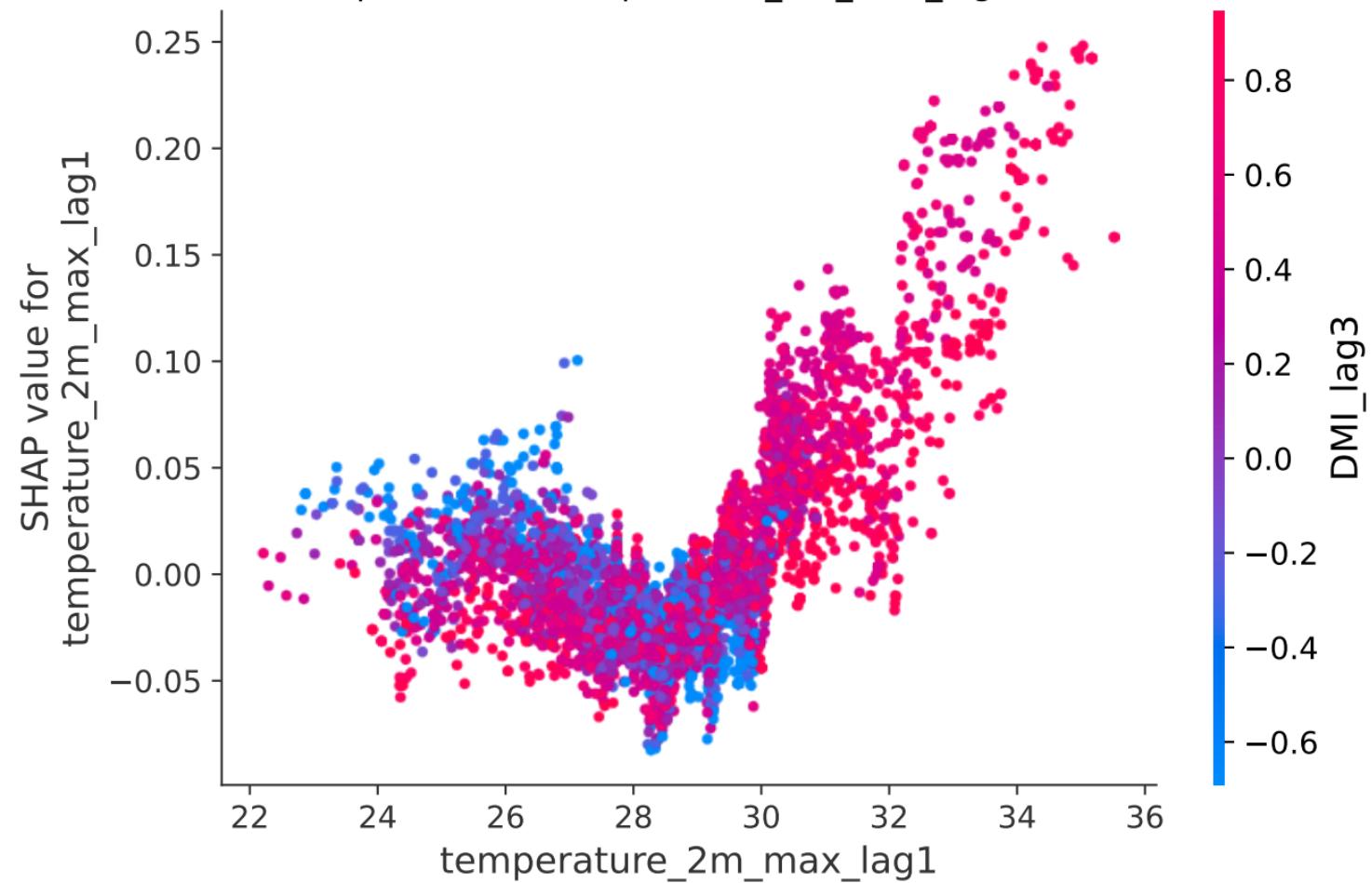
# SHAP Dependence - temperature\_2m\_min\_lag2 - Class 2



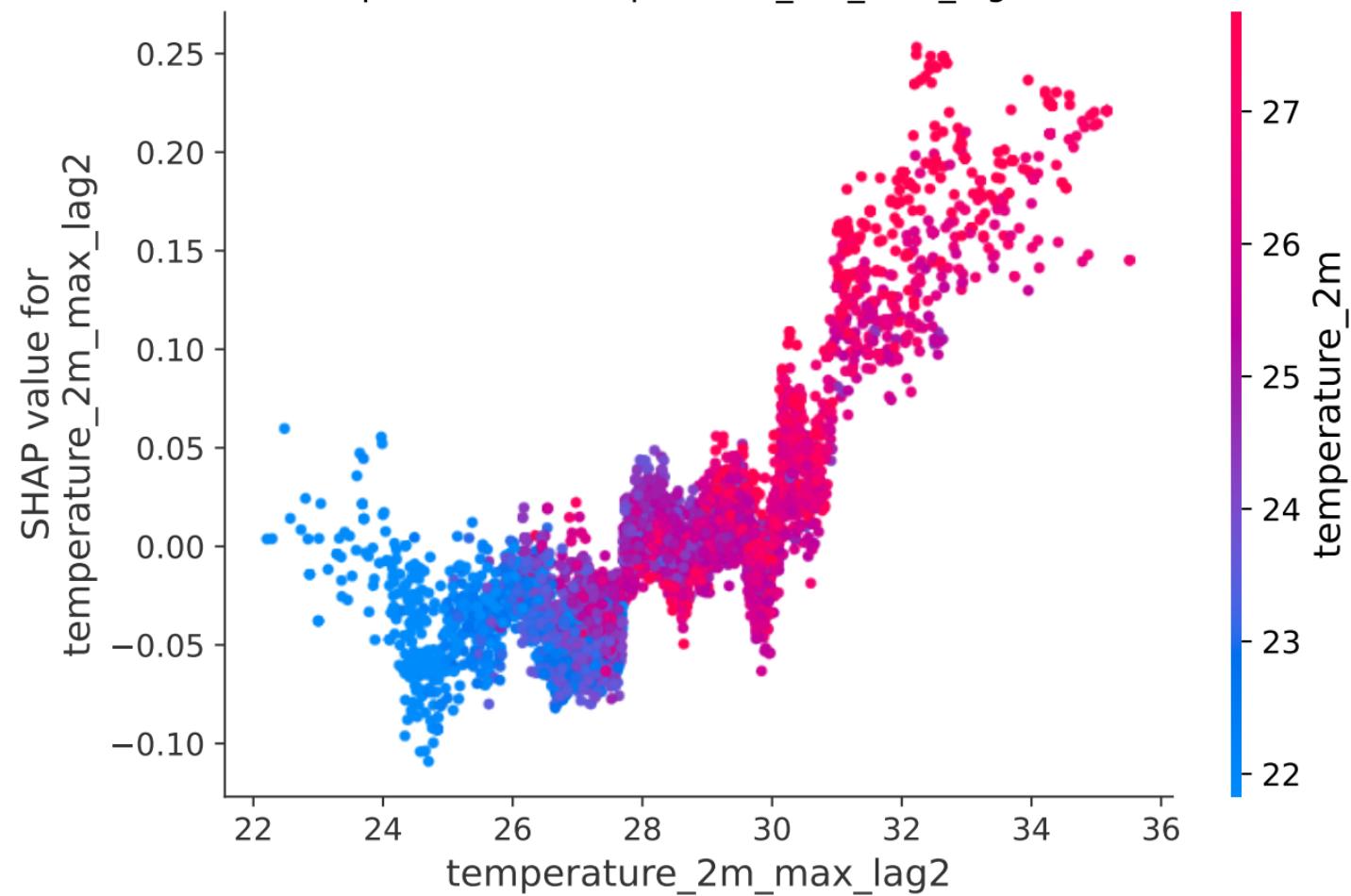
# SHAP Dependence - temperature\_2m\_min\_lag3 - Class 2



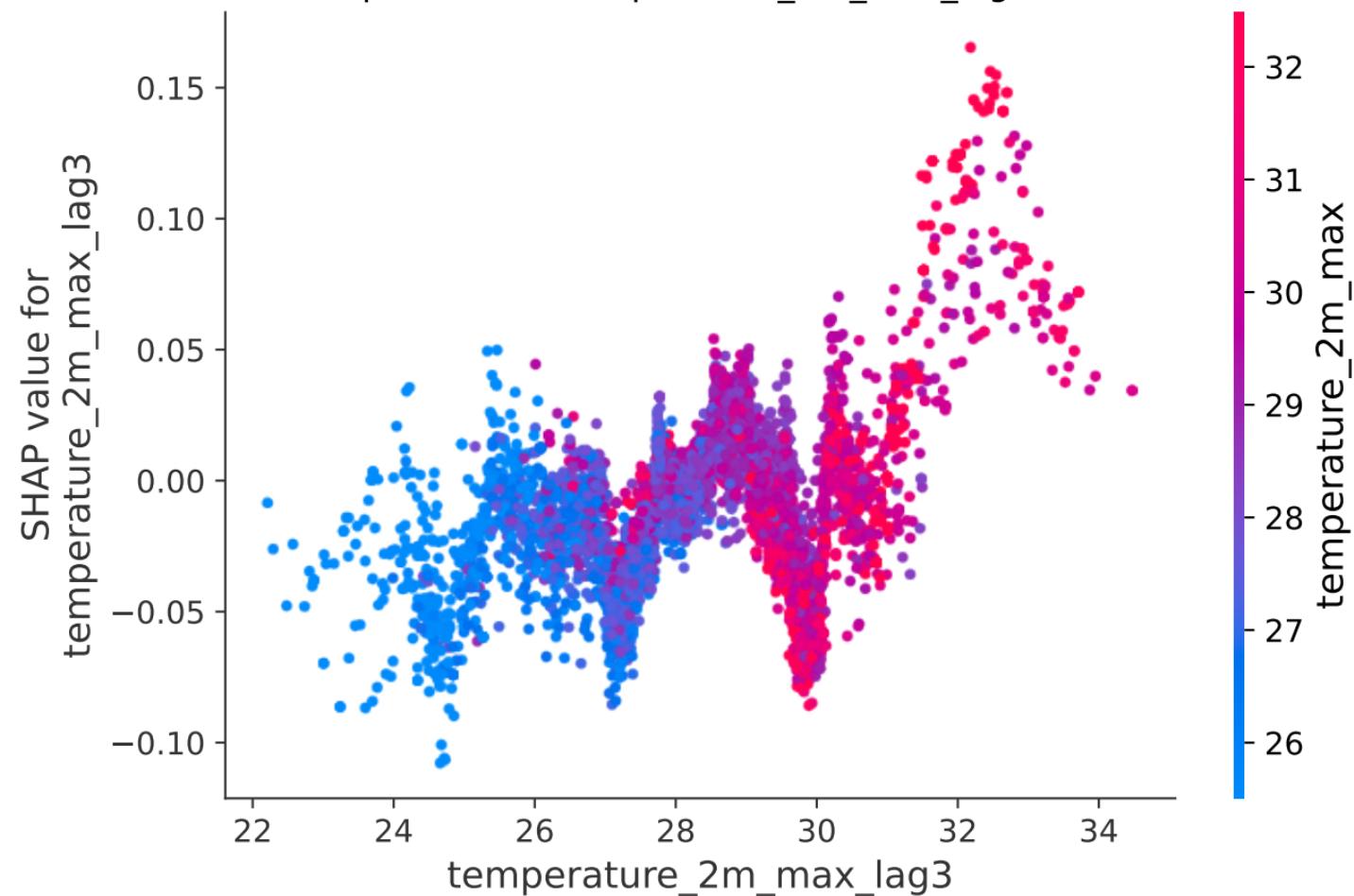
# SHAP Dependence - temperature\_2m\_max\_lag1 - Class 2



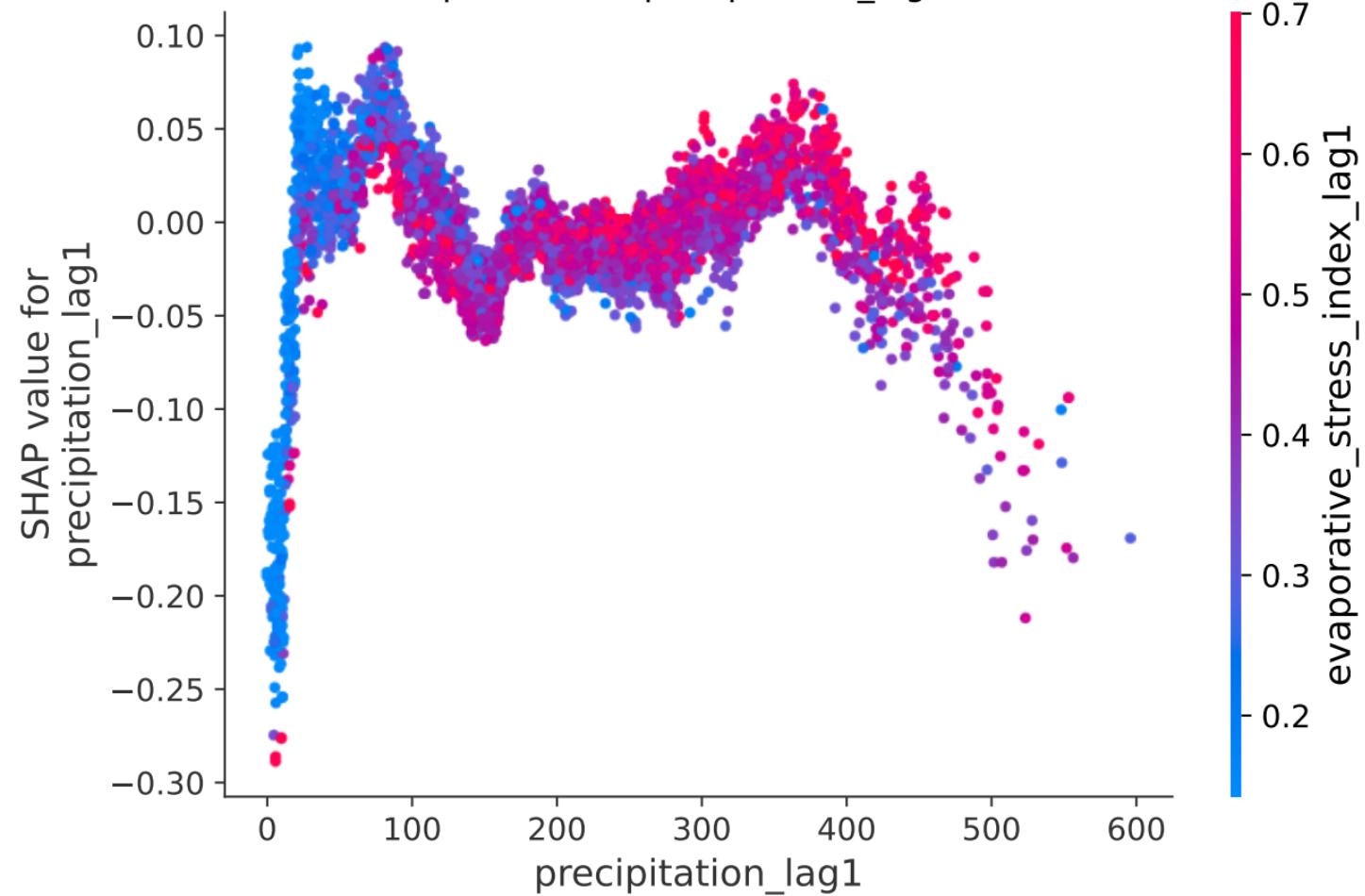
# SHAP Dependence - temperature\_2m\_max\_lag2 - Class 2



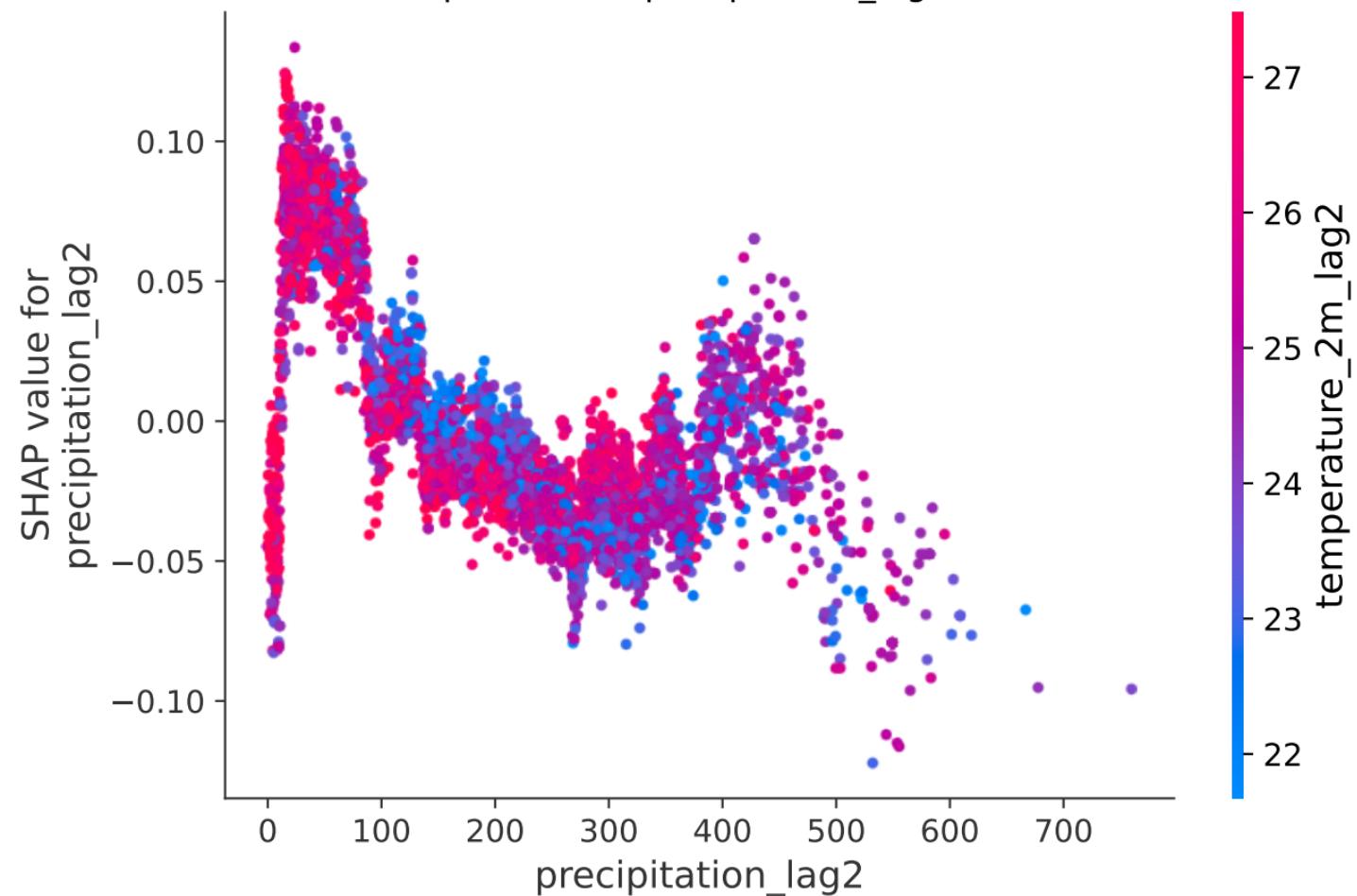
# SHAP Dependence - temperature\_2m\_max\_lag3 - Class 2



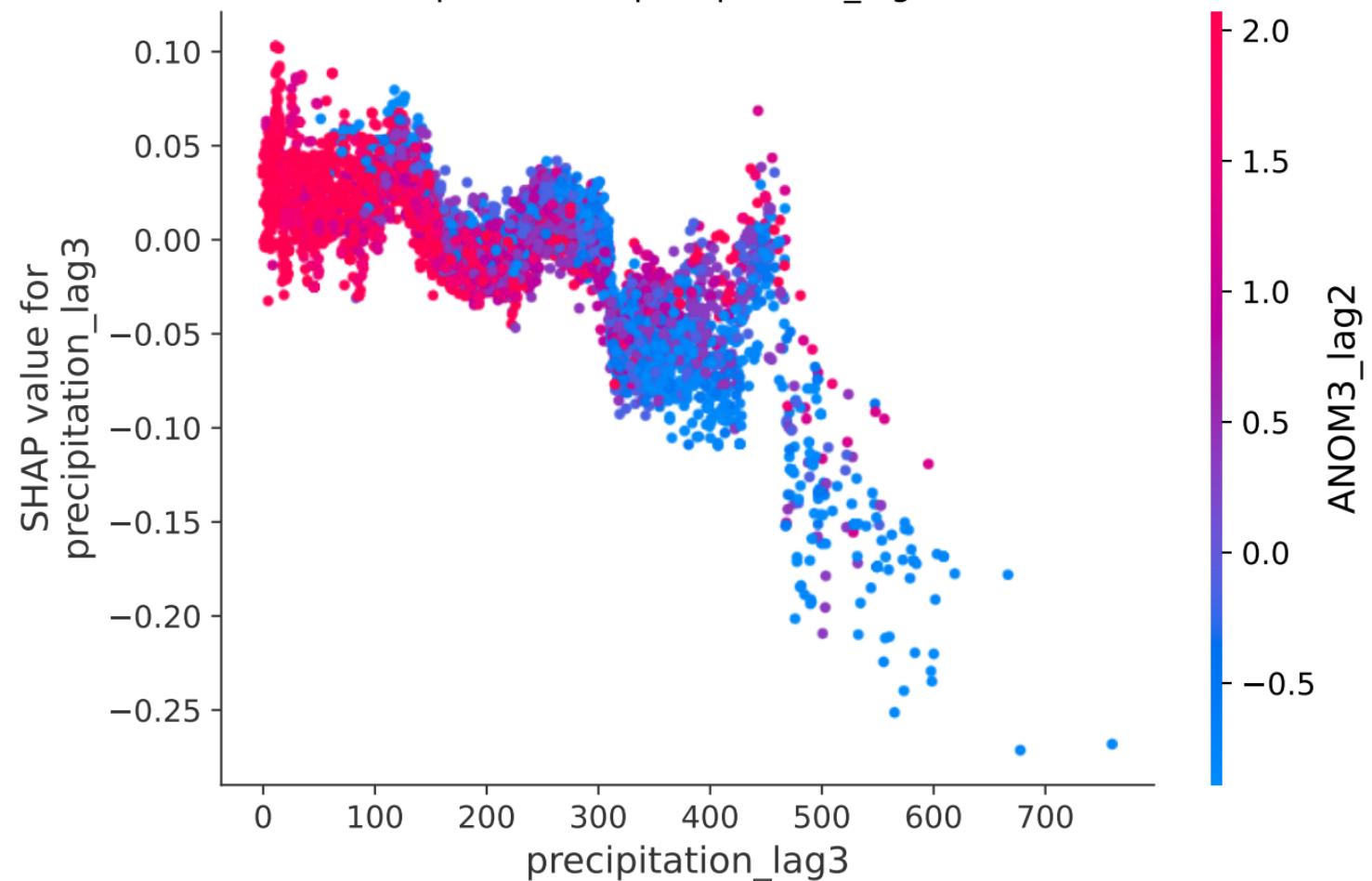
# SHAP Dependence - precipitation\_lag1 - Class 2



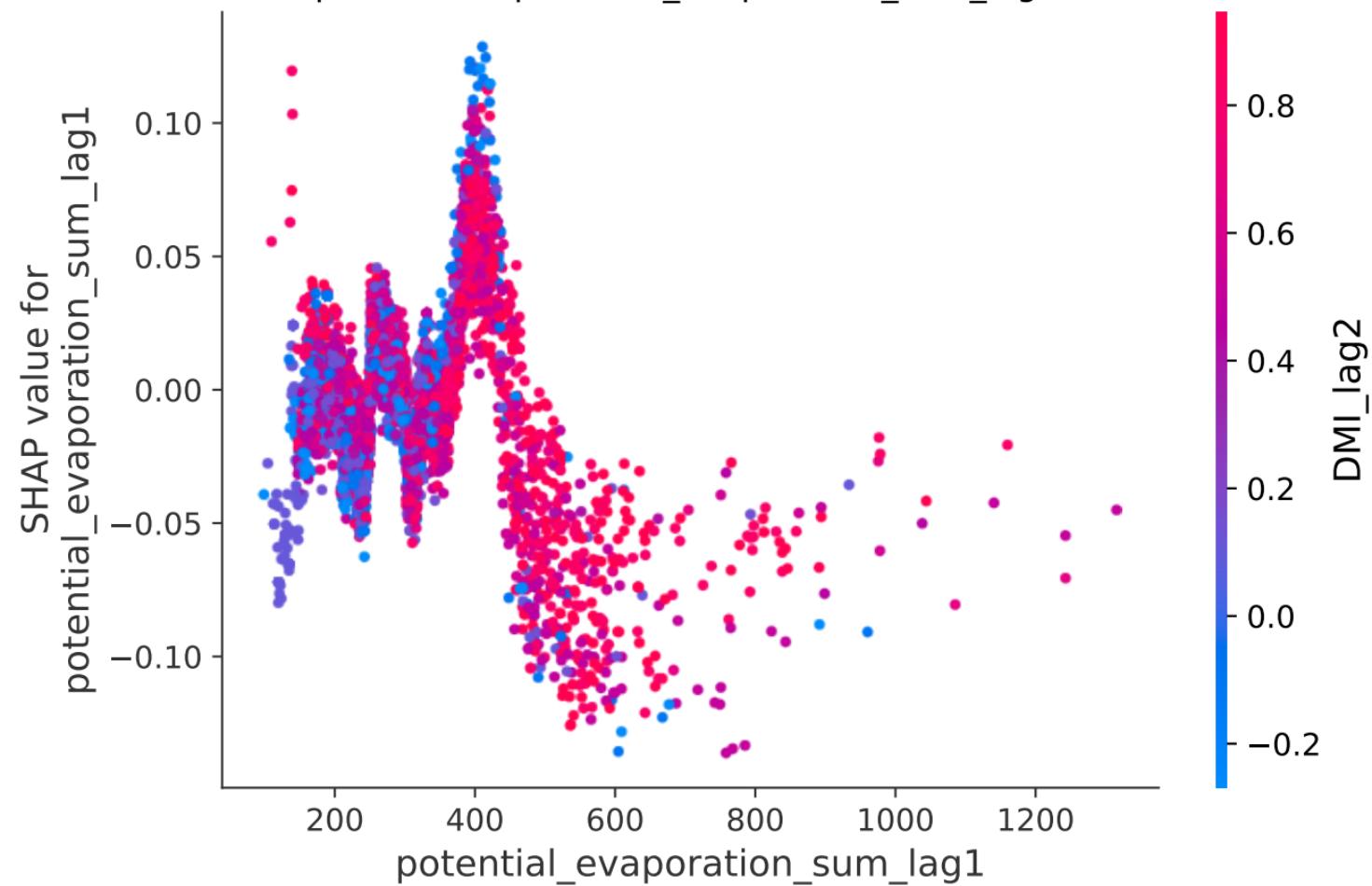
# SHAP Dependence - precipitation\_lag2 - Class 2



SHAP Dependence - precipitation\_lag3 - Class 2

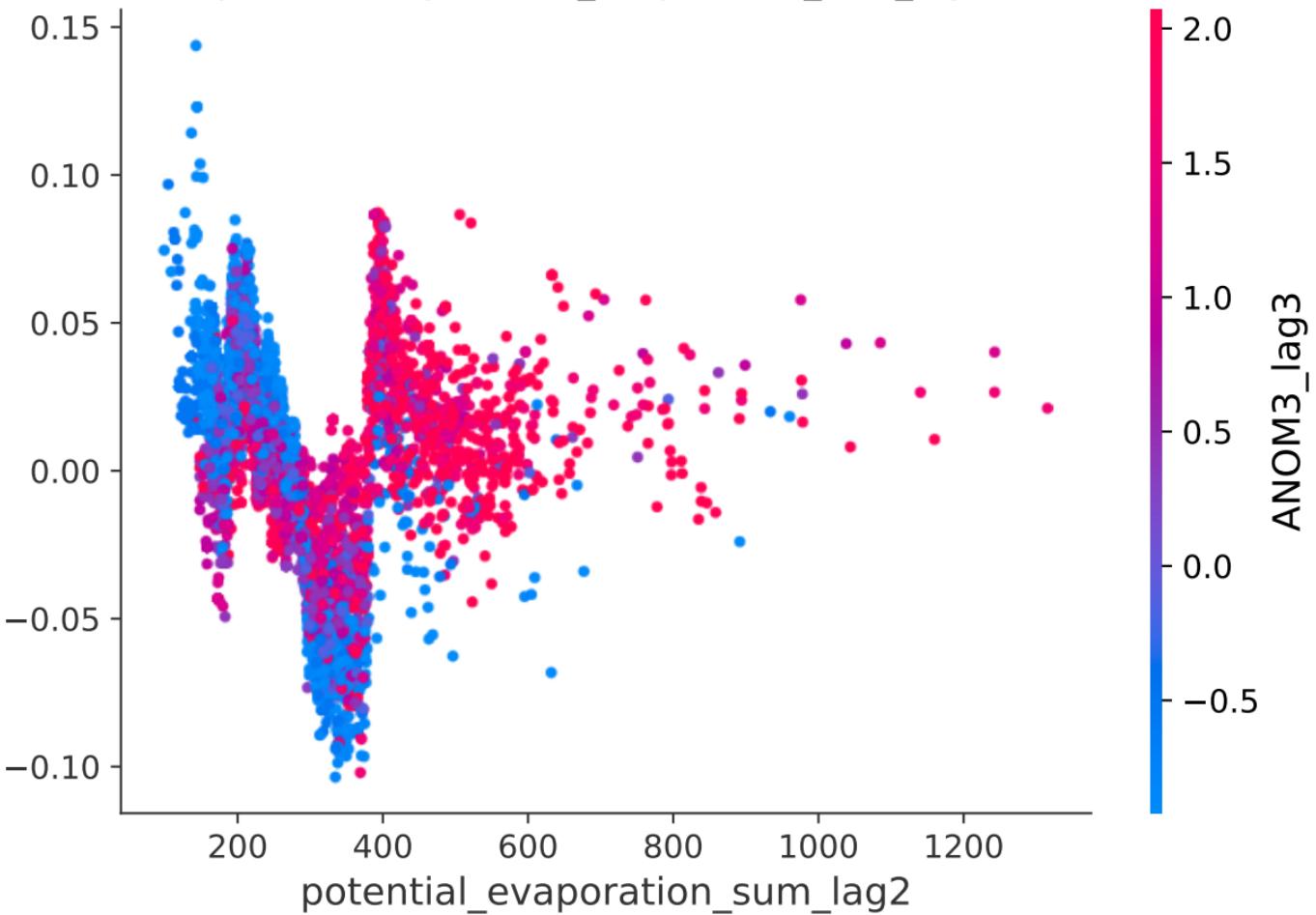


# SHAP Dependence - potential\_evaporation\_sum\_lag1 - Class 2

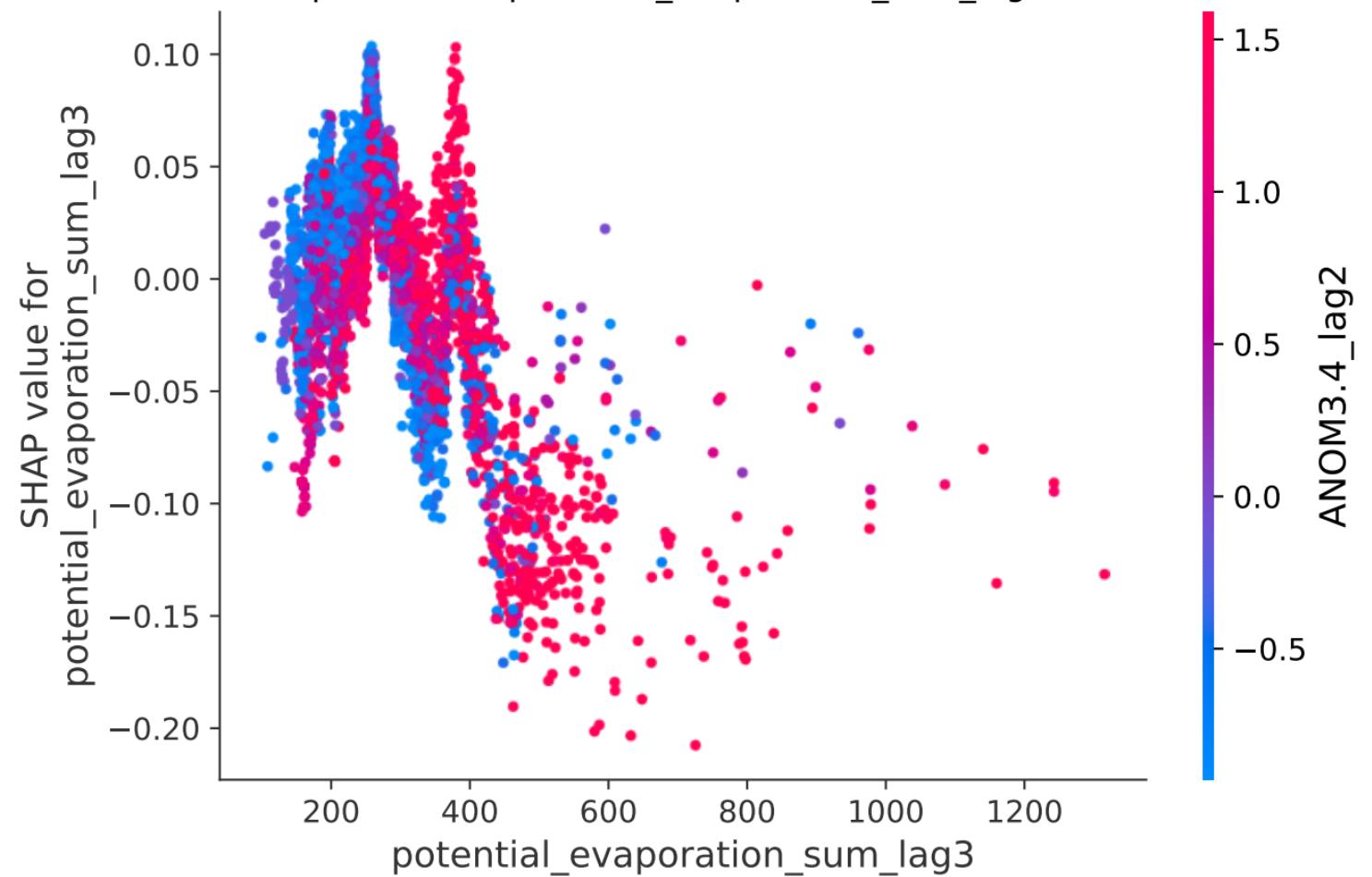


# SHAP Dependence - potential\_evaporation\_sum\_lag2 - Class 2

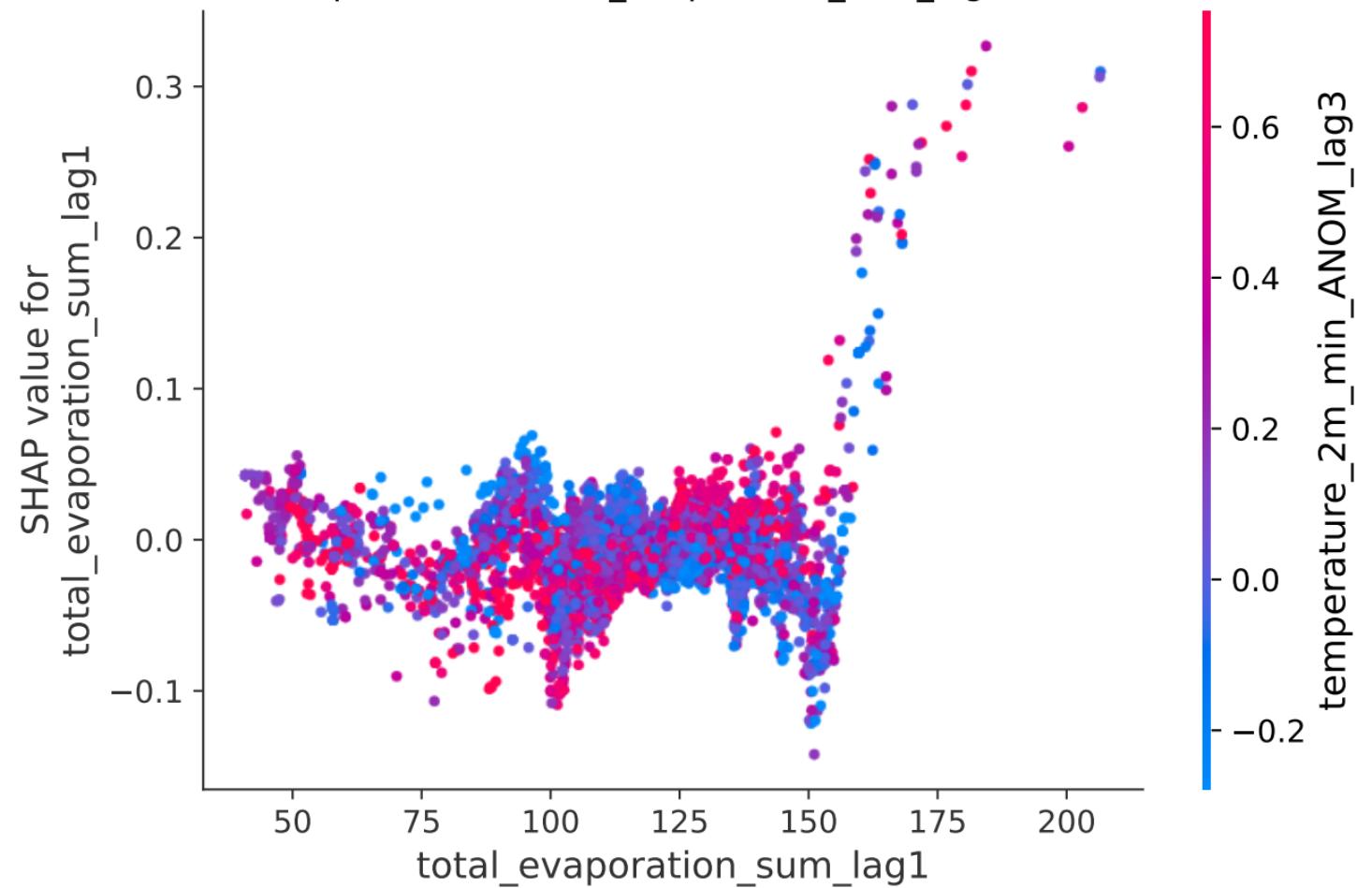
SHAP value for  
potential\_evaporation\_sum\_lag2



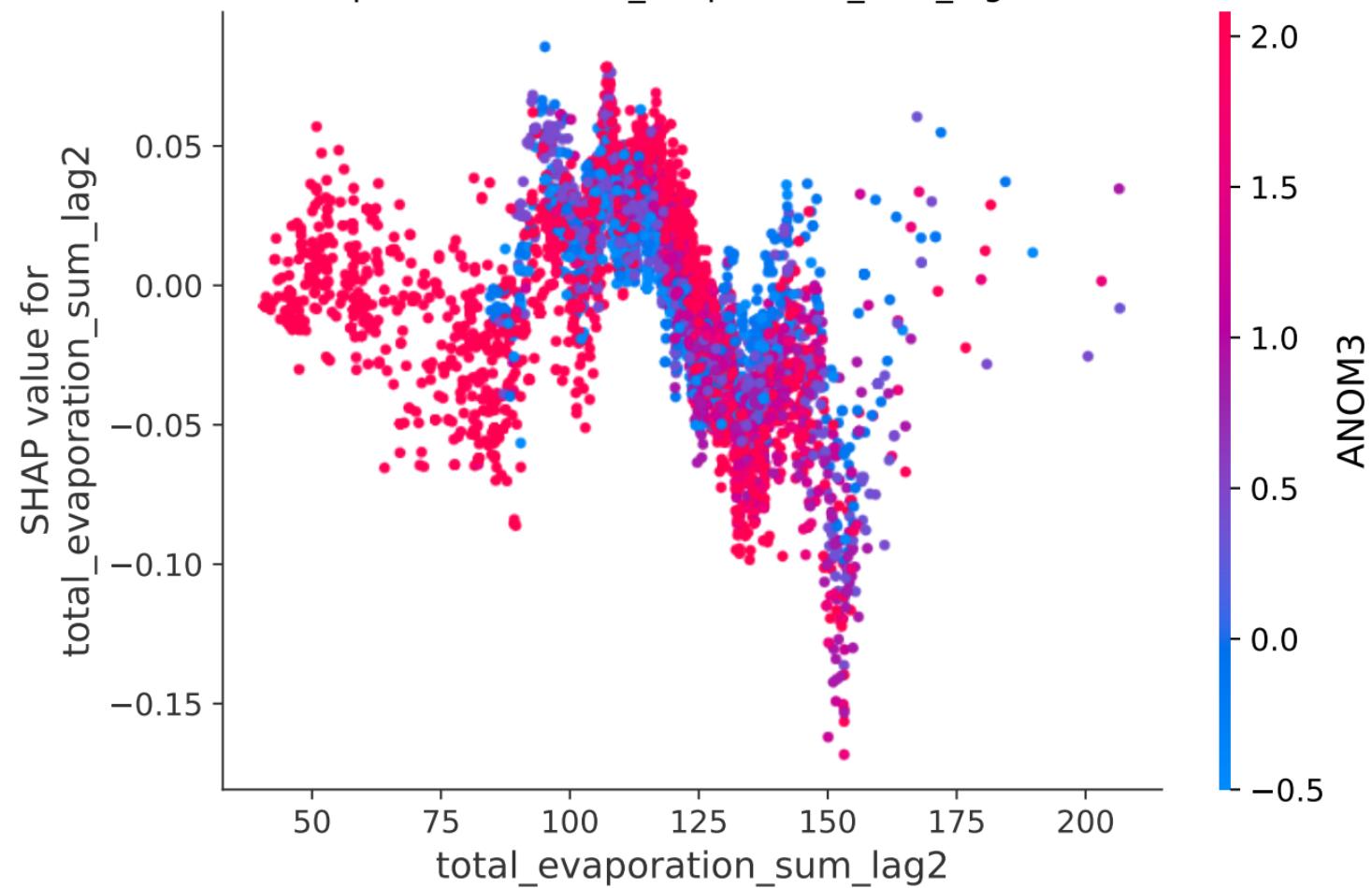
# SHAP Dependence - potential\_evaporation\_sum\_lag3 - Class 2



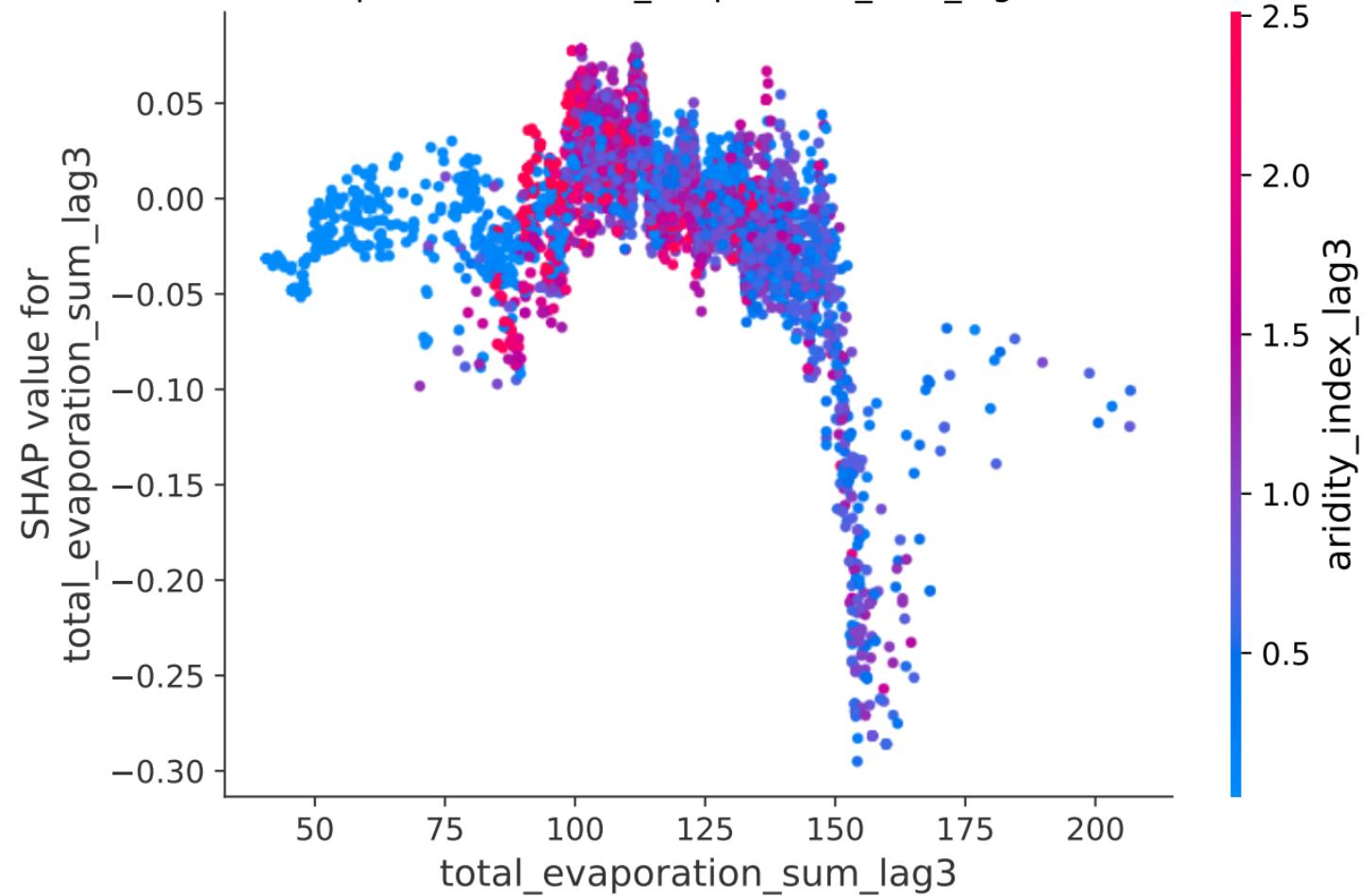
# SHAP Dependence - total\_evaporation\_sum\_lag1 - Class 2



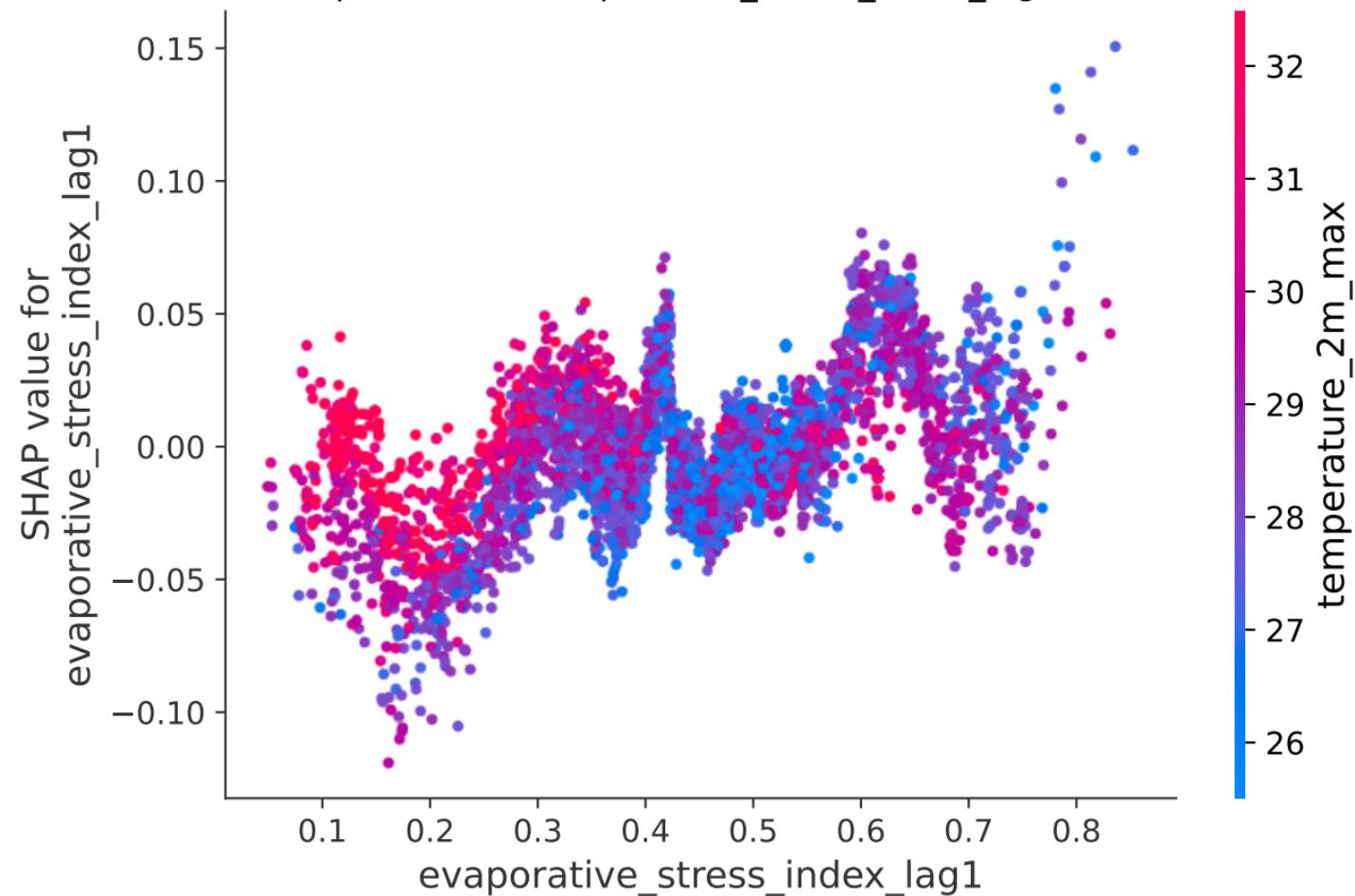
# SHAP Dependence - total\_evaporation\_sum\_lag2 - Class 2



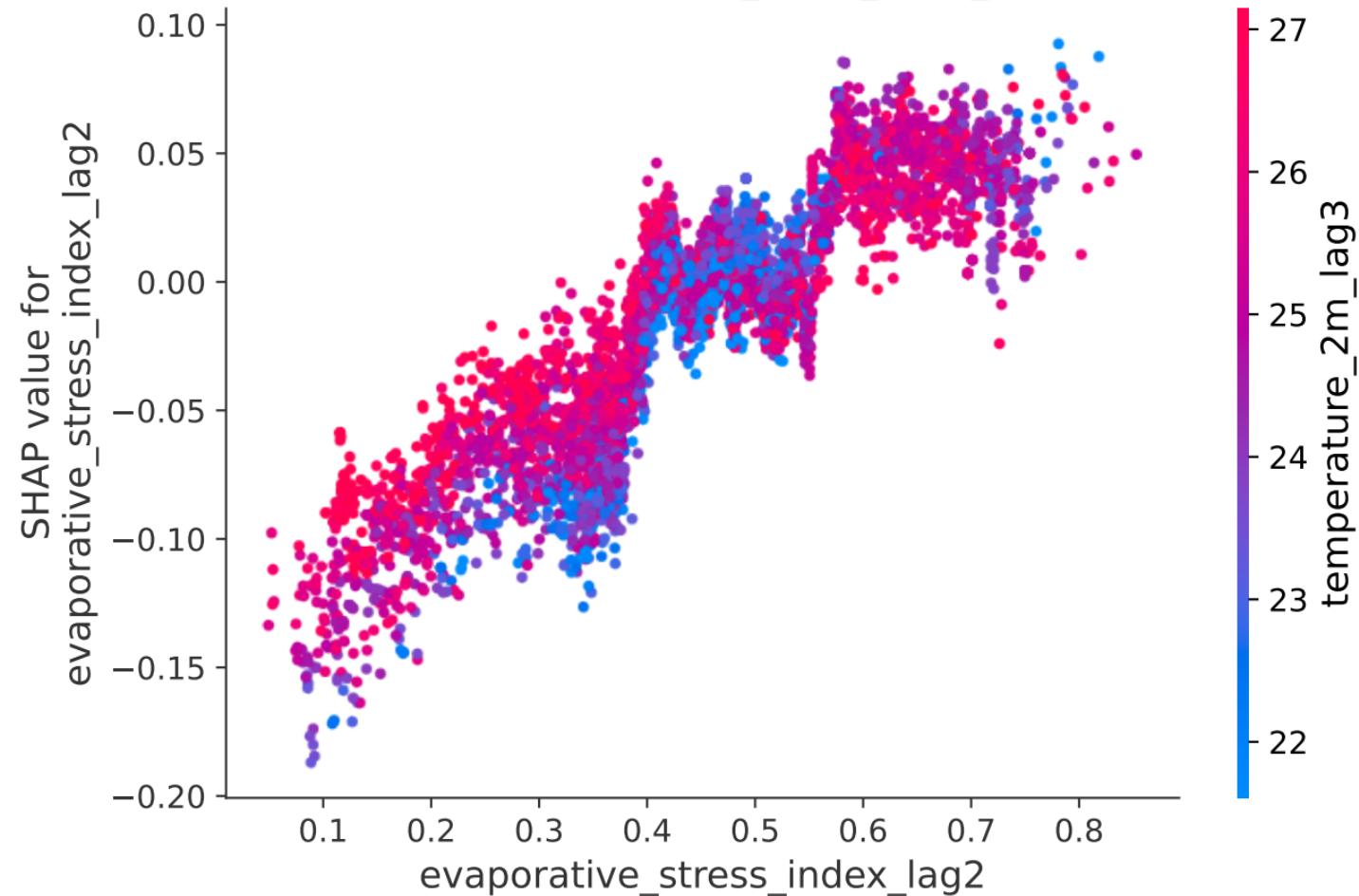
# SHAP Dependence - total\_evaporation\_sum\_lag3 - Class 2



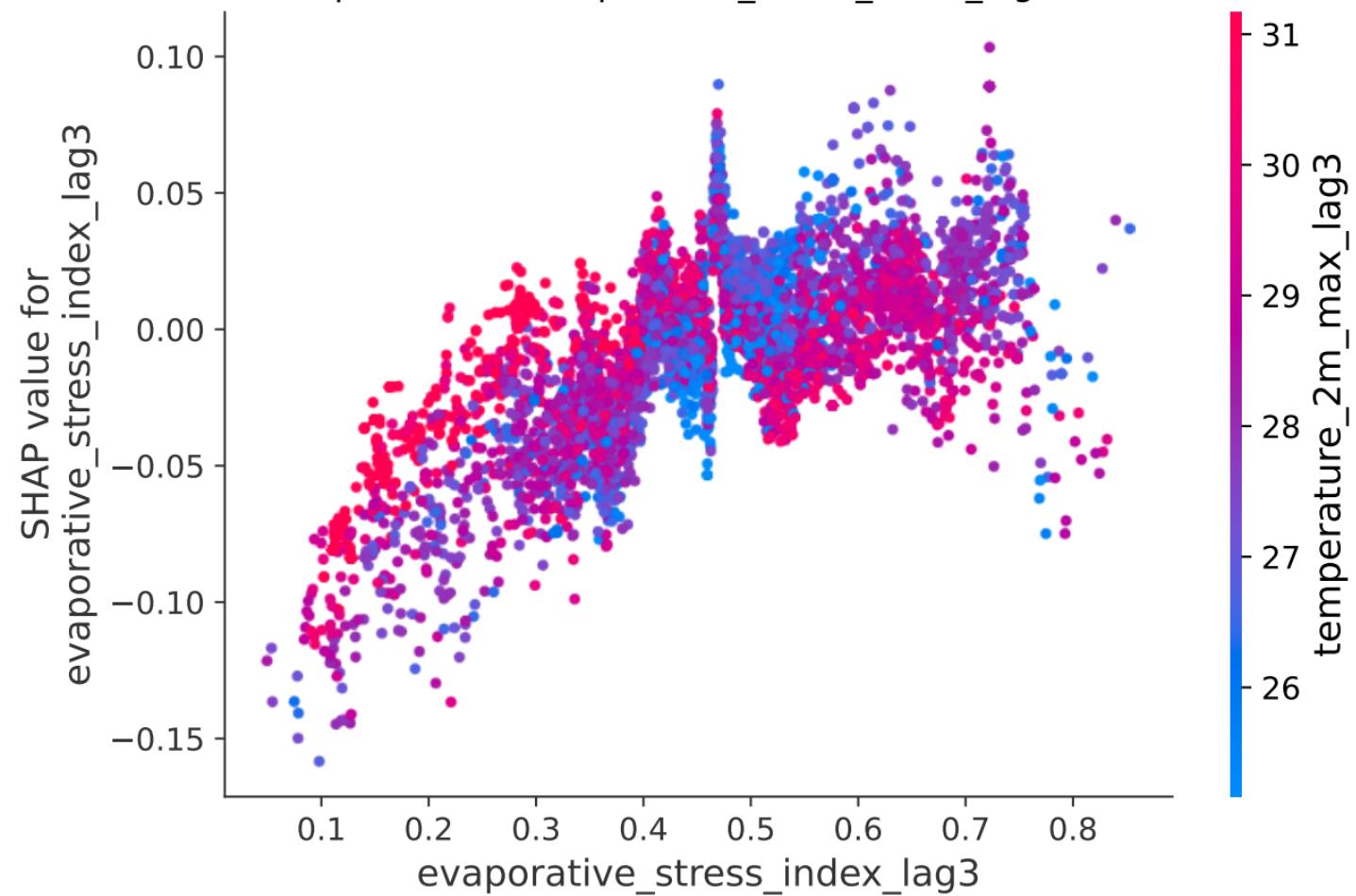
# SHAP Dependence - evaporative\_stress\_index\_lag1 - Class 2



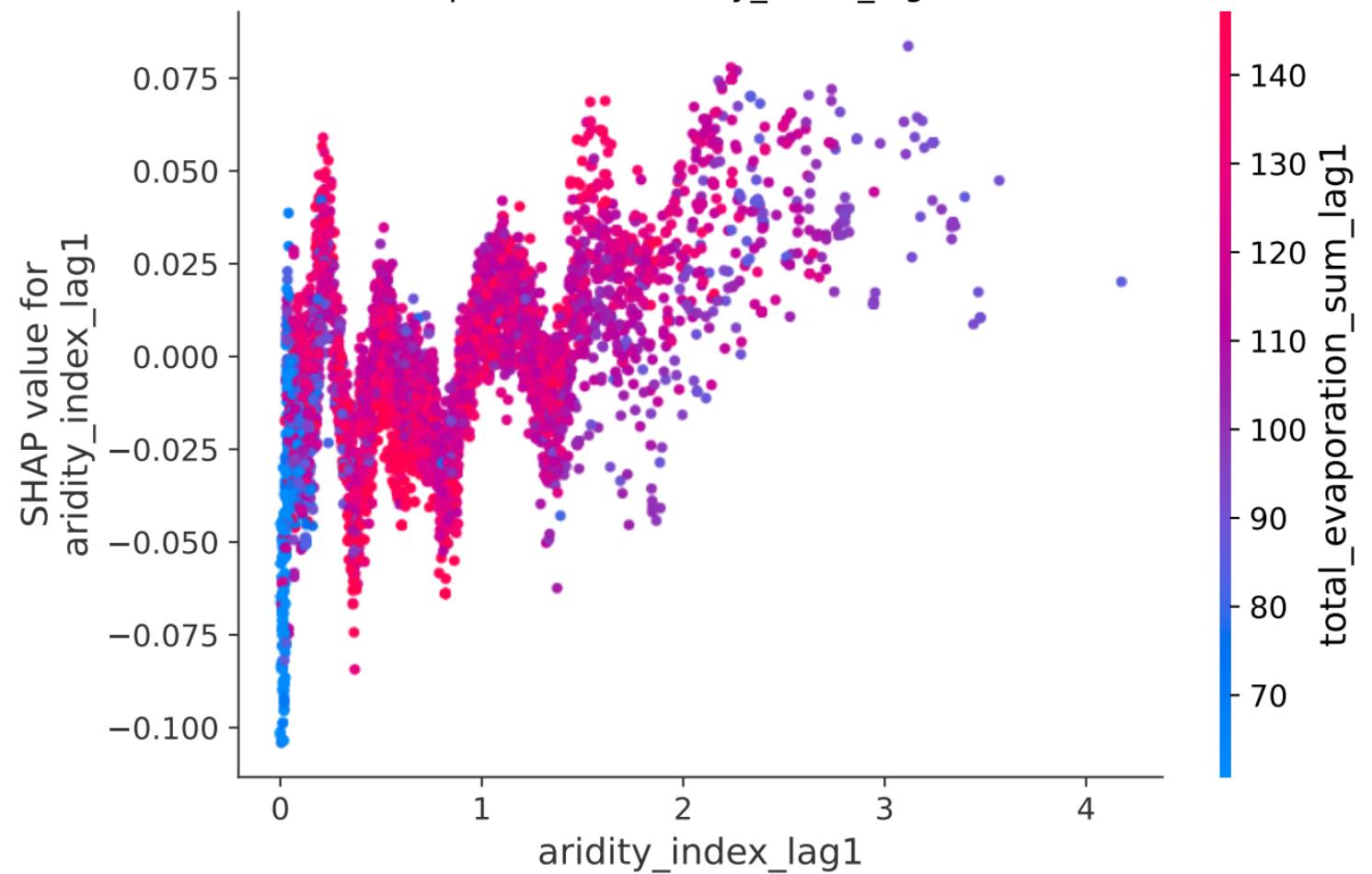
# SHAP Dependence - evaporative\_stress\_index\_lag2 - Class 2



# SHAP Dependence - evaporative\_stress\_index\_lag3 - Class 2

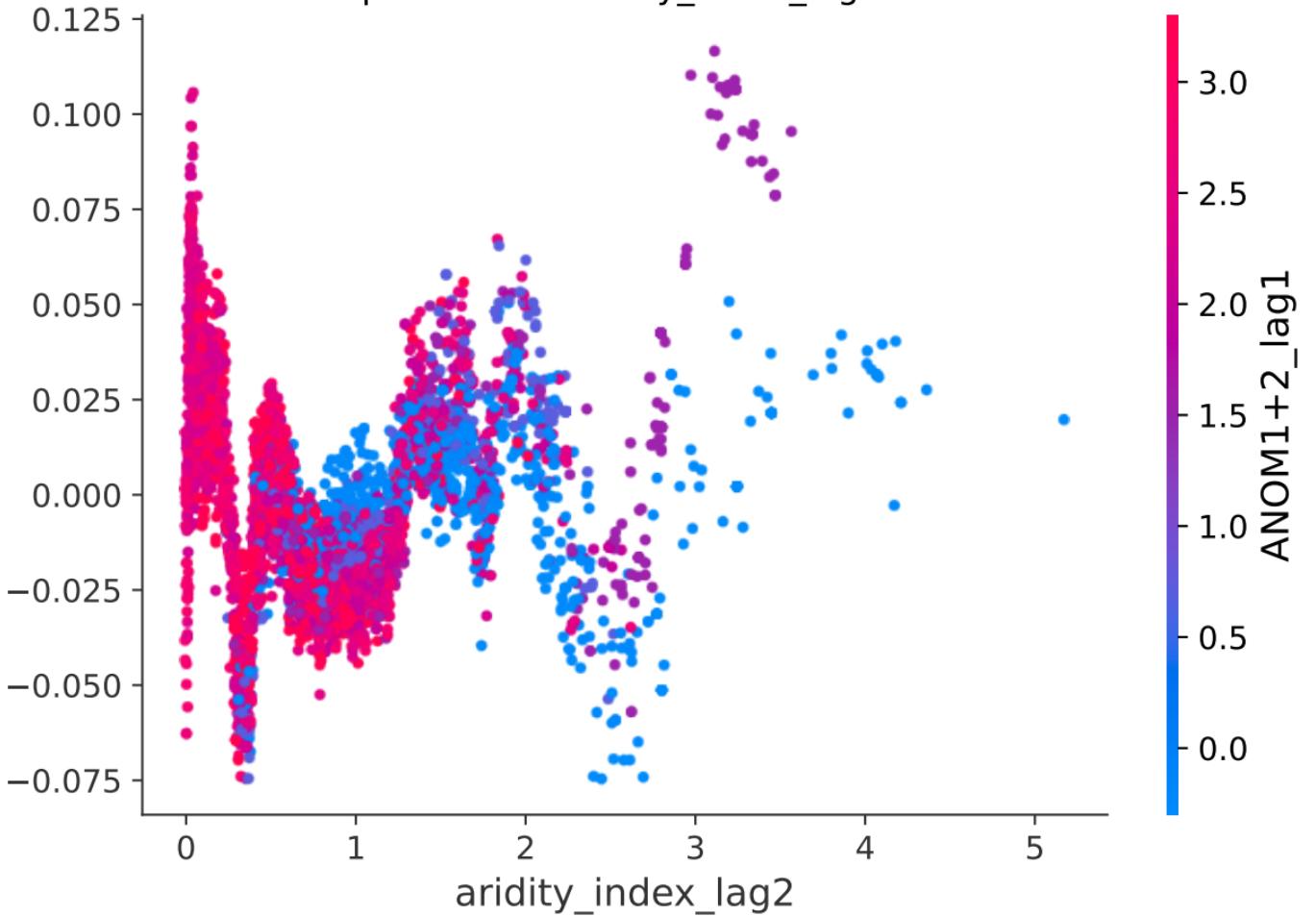


# SHAP Dependence - aridity\_index\_lag1 - Class 2

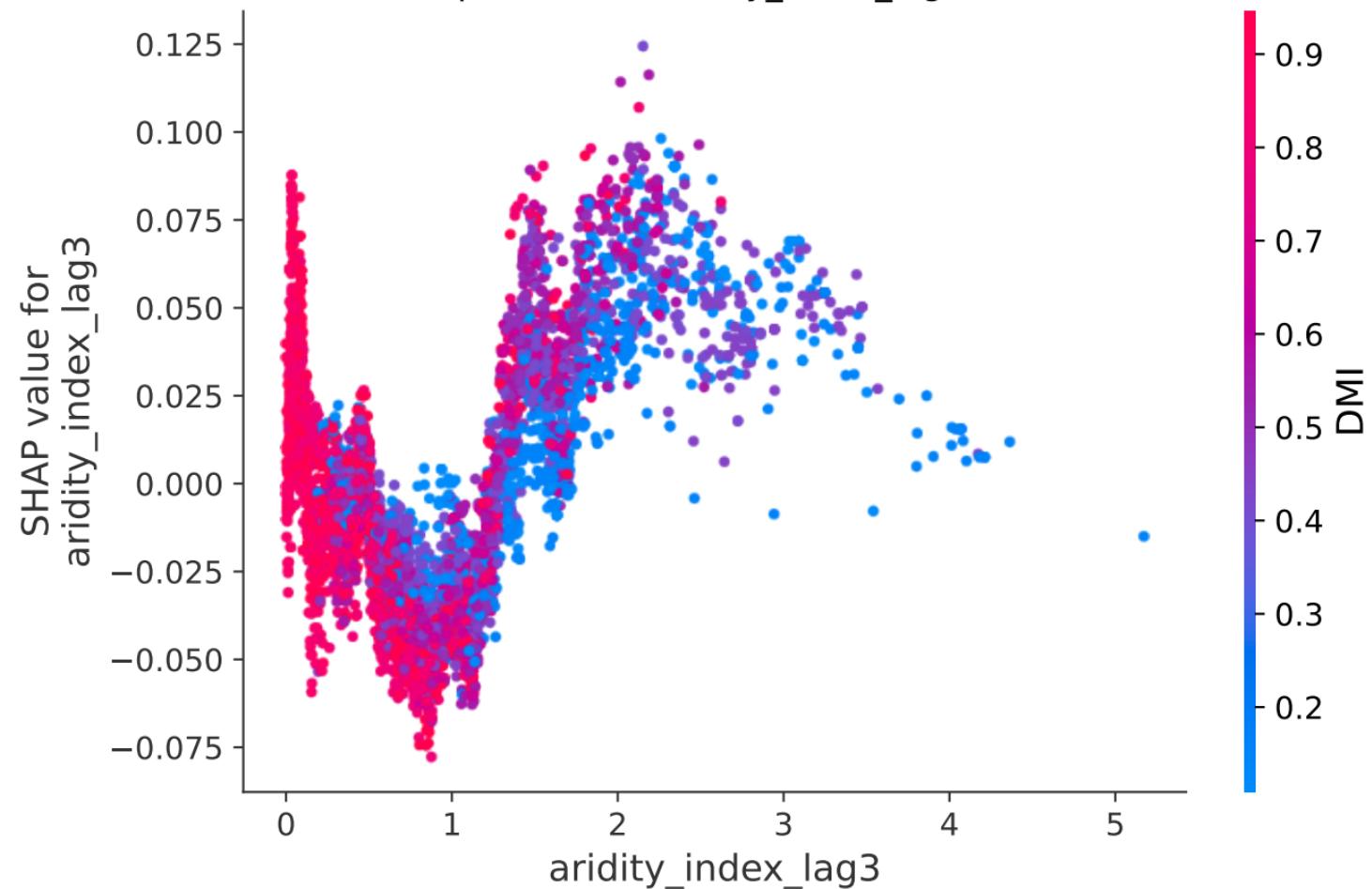


# SHAP Dependence - aridity\_index\_lag2 - Class 2

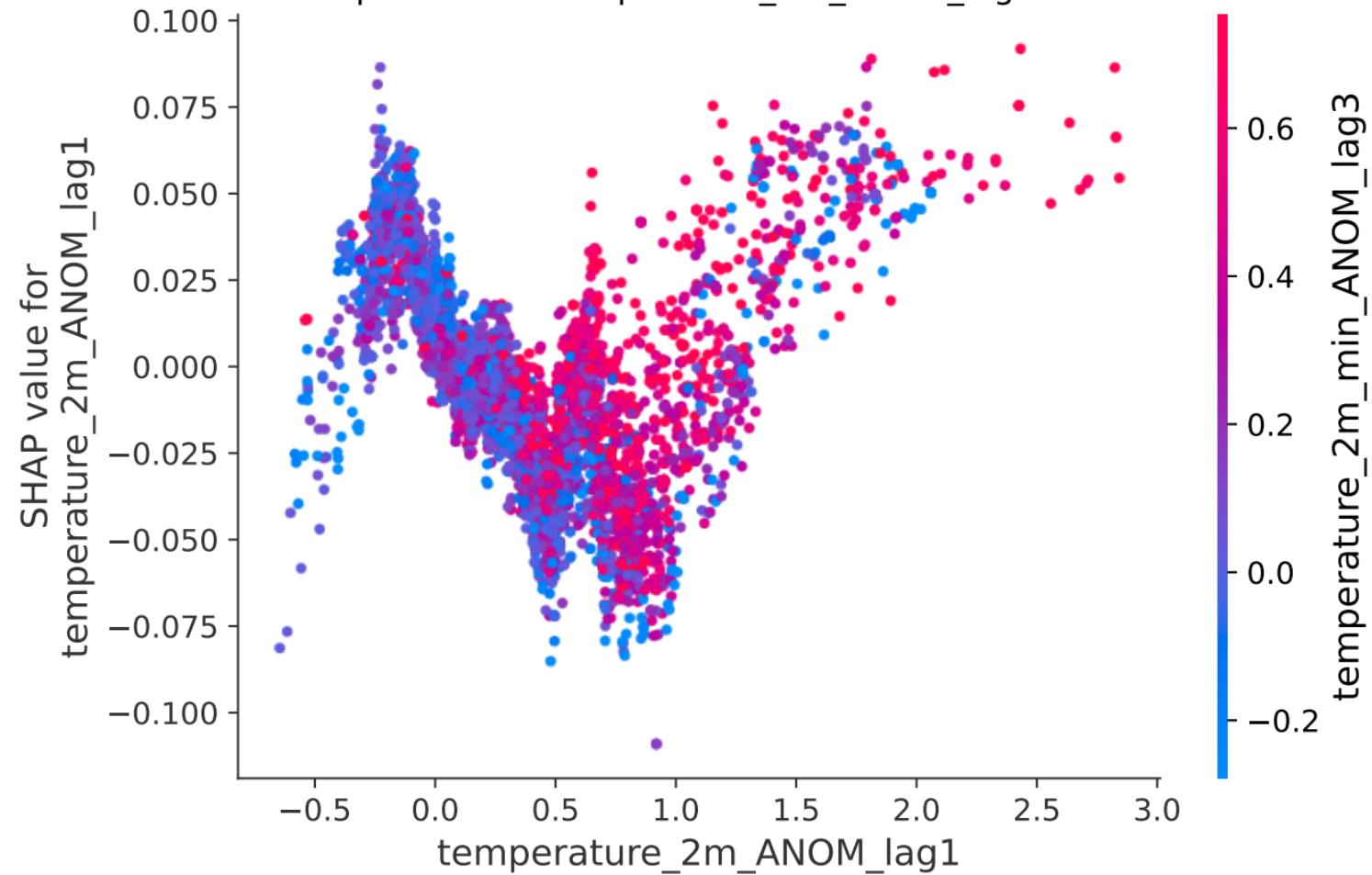
SHAP value for  
aridity\_index\_lag2



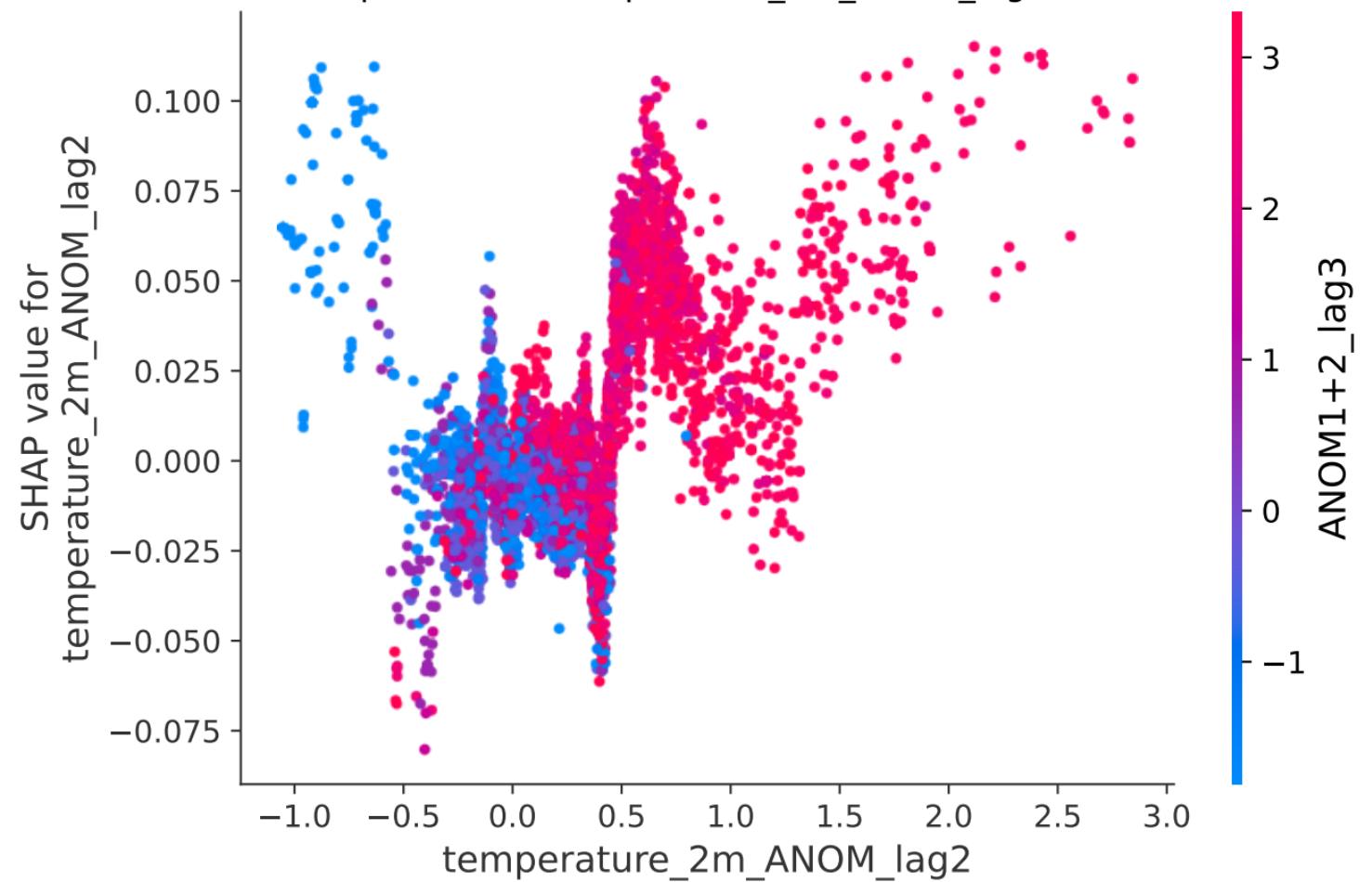
# SHAP Dependence - aridity\_index\_lag3 - Class 2



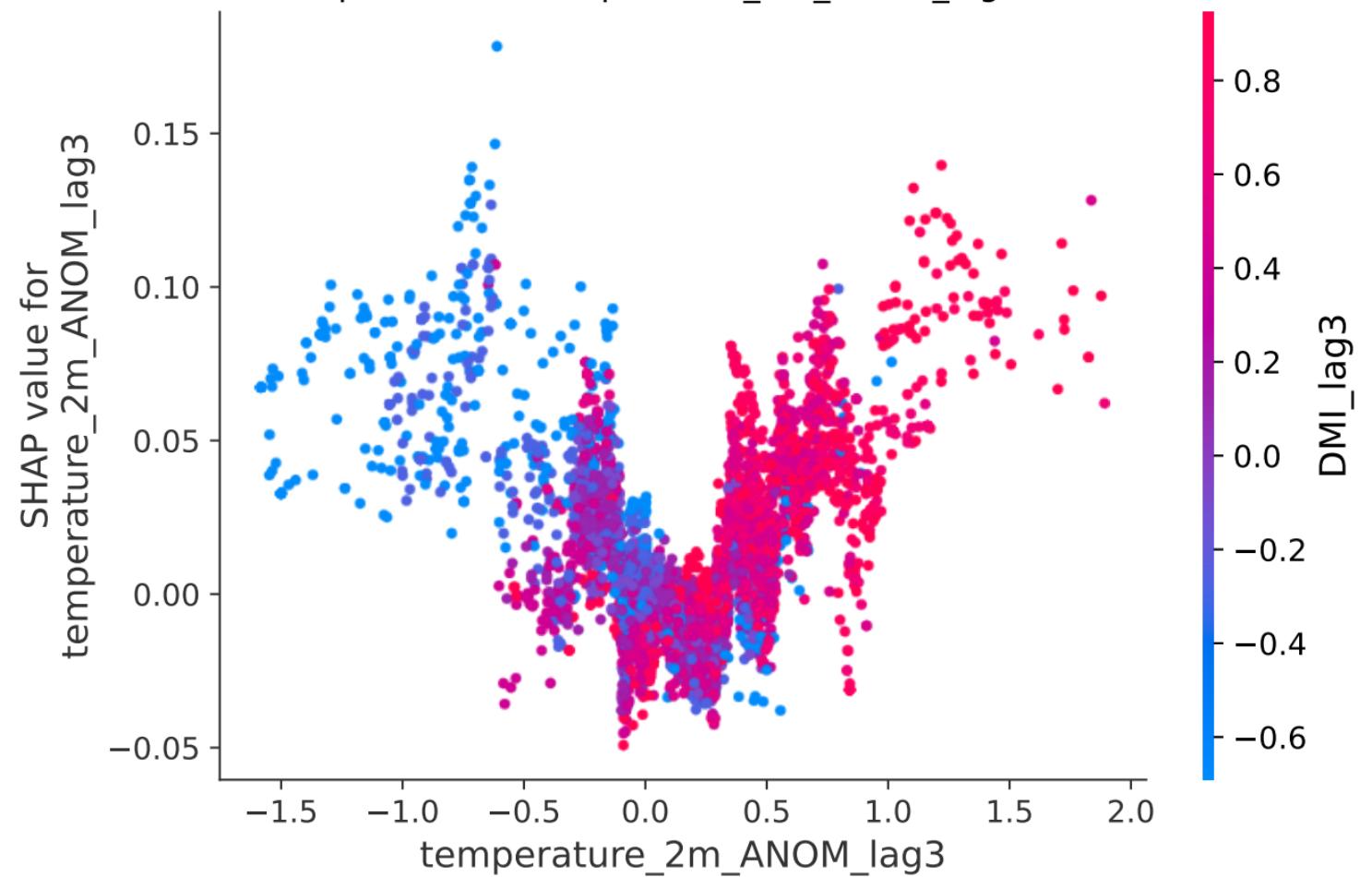
# SHAP Dependence - temperature\_2m\_ANOM\_lag1 - Class 2



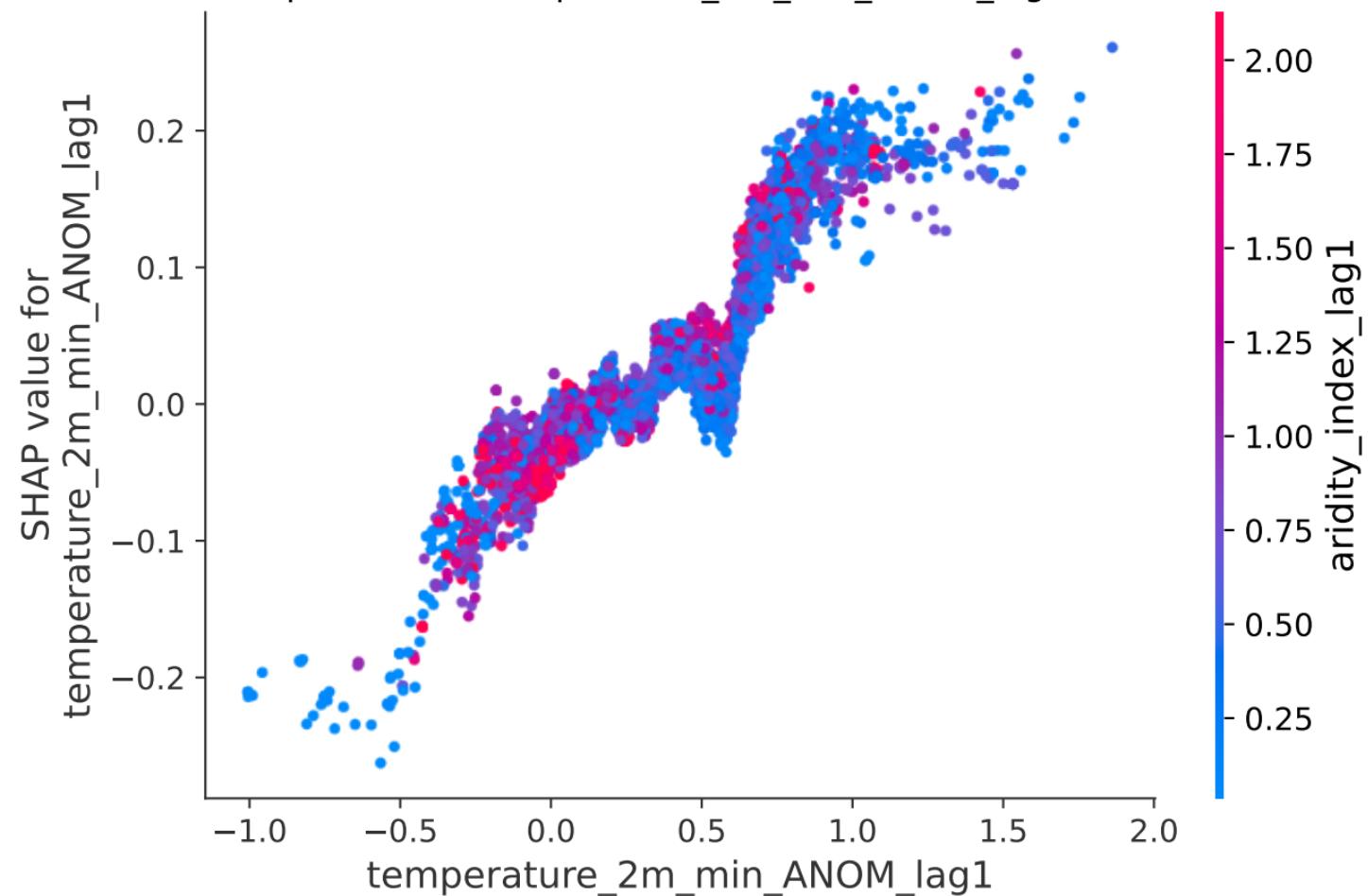
# SHAP Dependence - temperature\_2m\_ANOM\_lag2 - Class 2



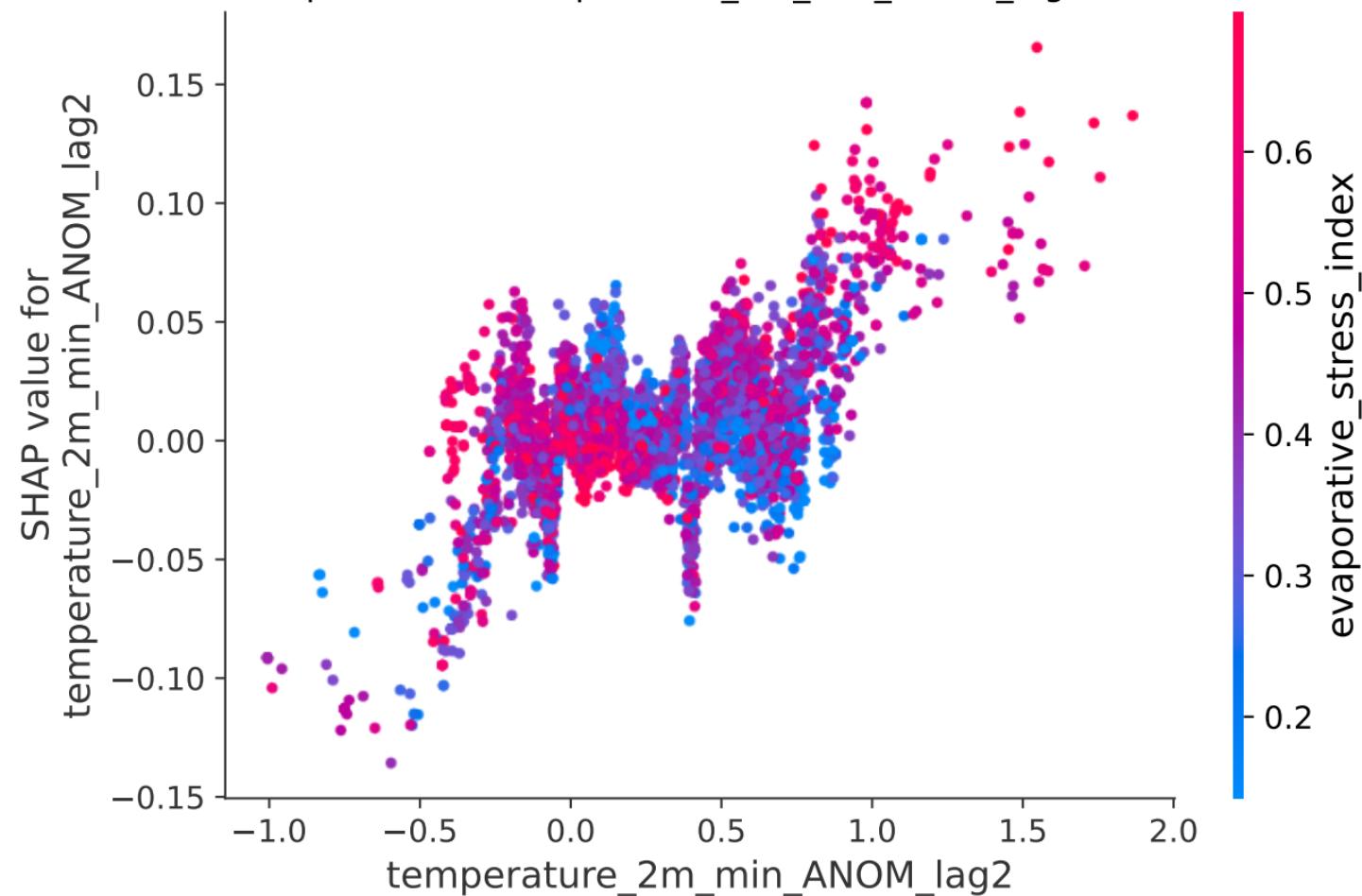
# SHAP Dependence - temperature\_2m\_ANOM\_lag3 - Class 2



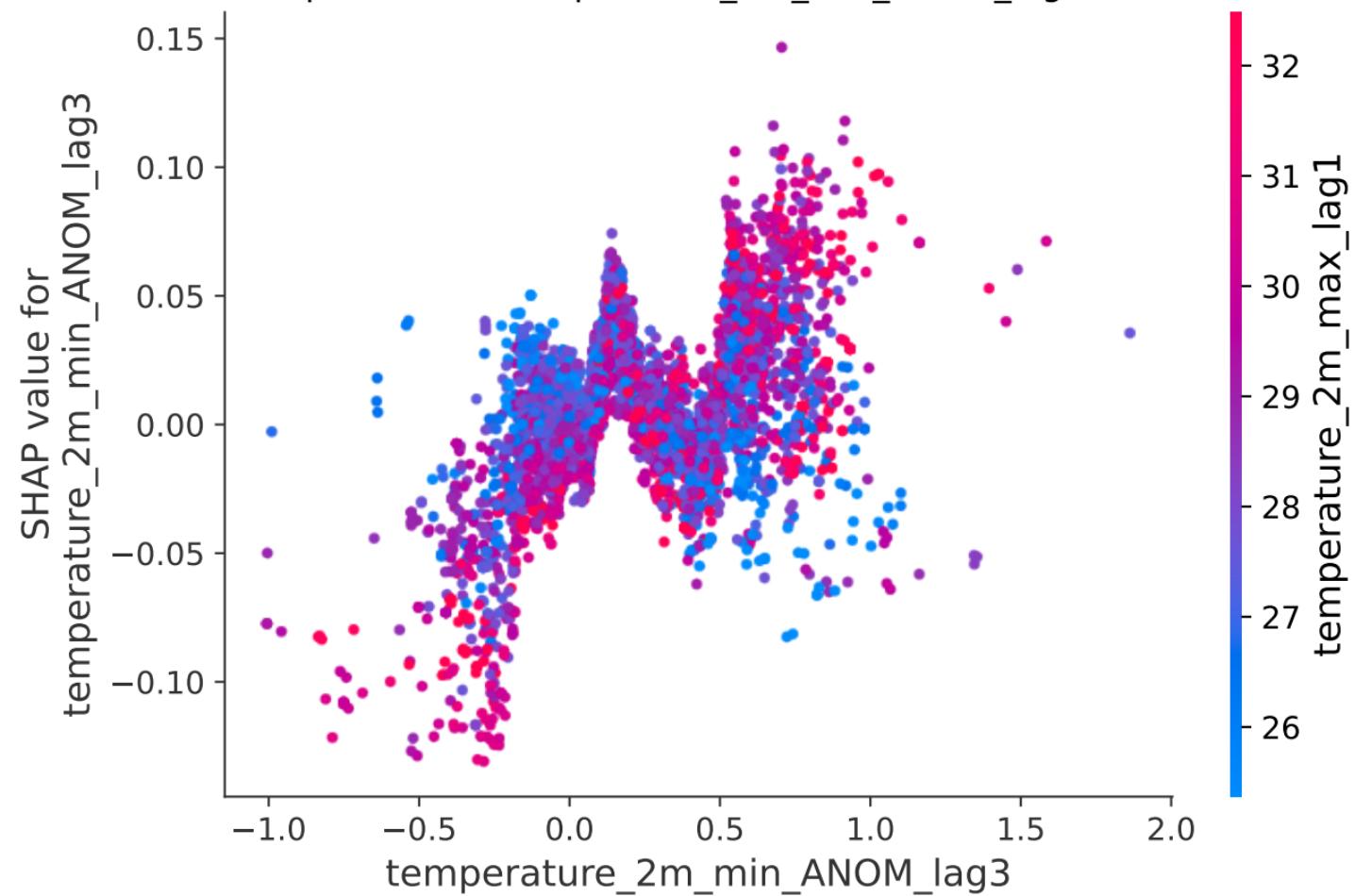
# SHAP Dependence - temperature\_2m\_min\_ANOM\_lag1 - Class 2



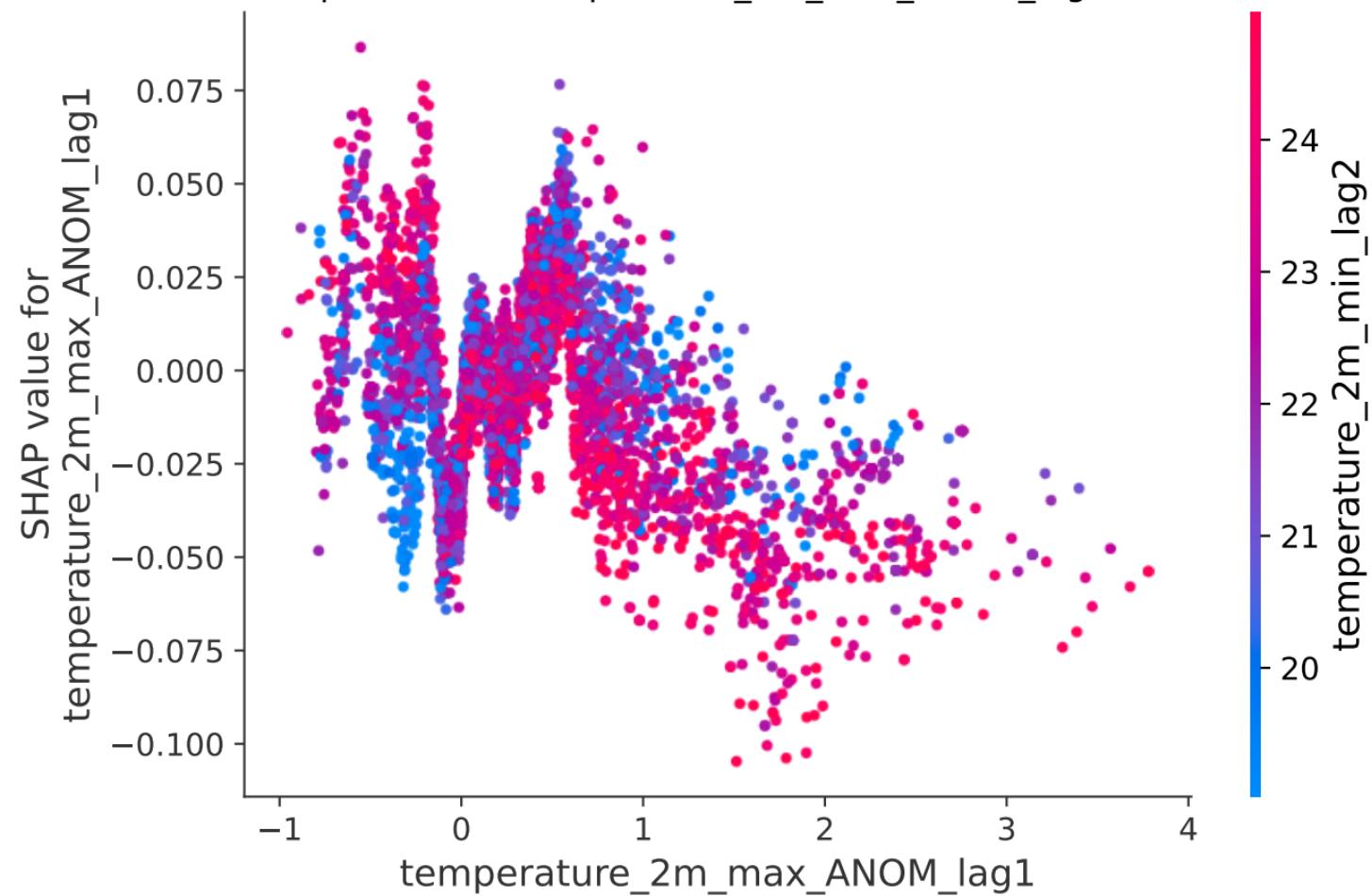
# SHAP Dependence - temperature\_2m\_min\_ANOM\_lag2 - Class 2



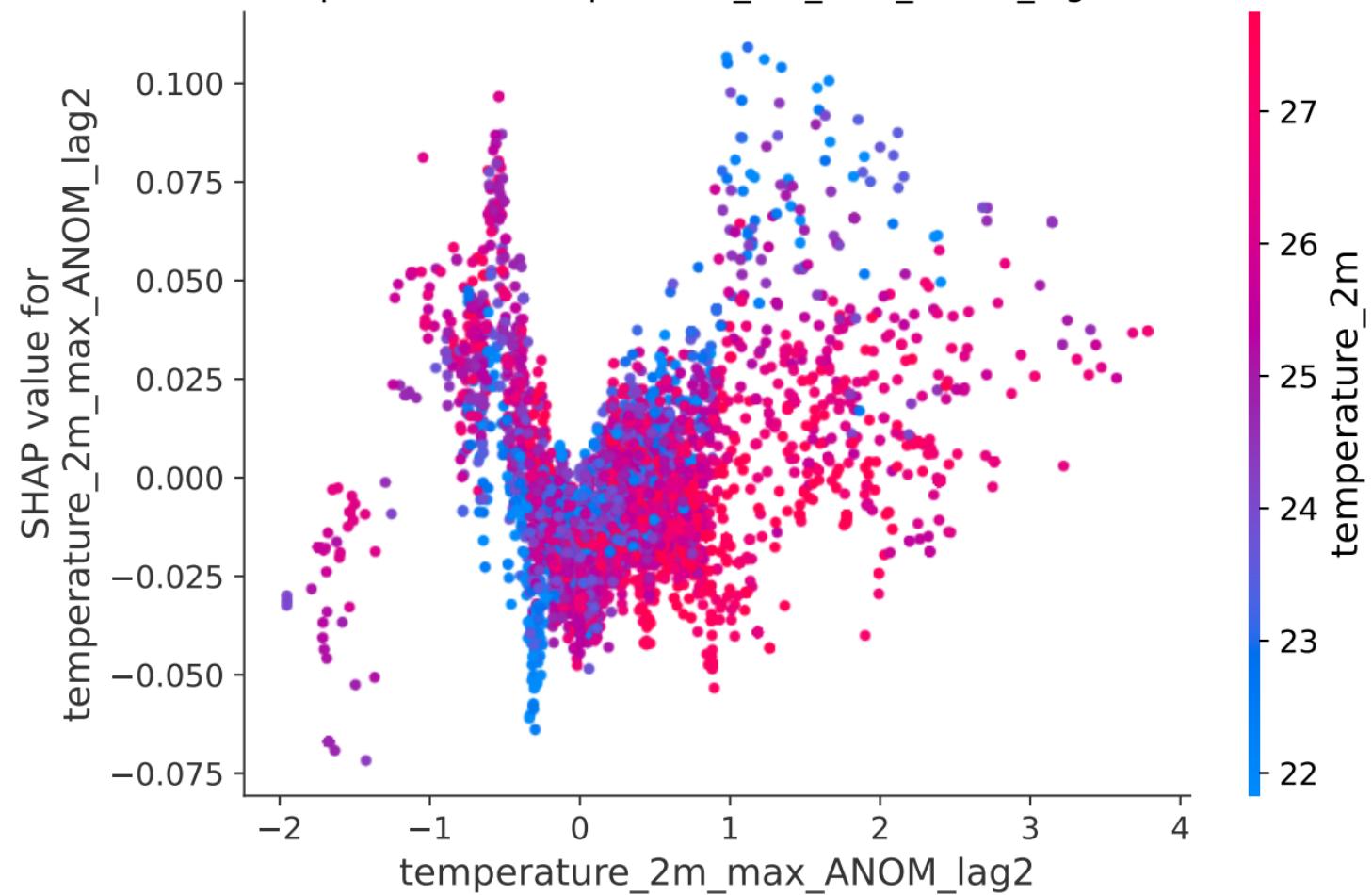
# SHAP Dependence - temperature\_2m\_min\_ANOM\_lag3 - Class 2



# SHAP Dependence - temperature\_2m\_max\_ANOM\_lag1 - Class 2



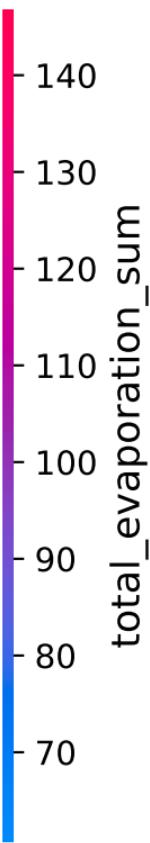
# SHAP Dependence - temperature\_2m\_max\_ANOM\_lag2 - Class 2



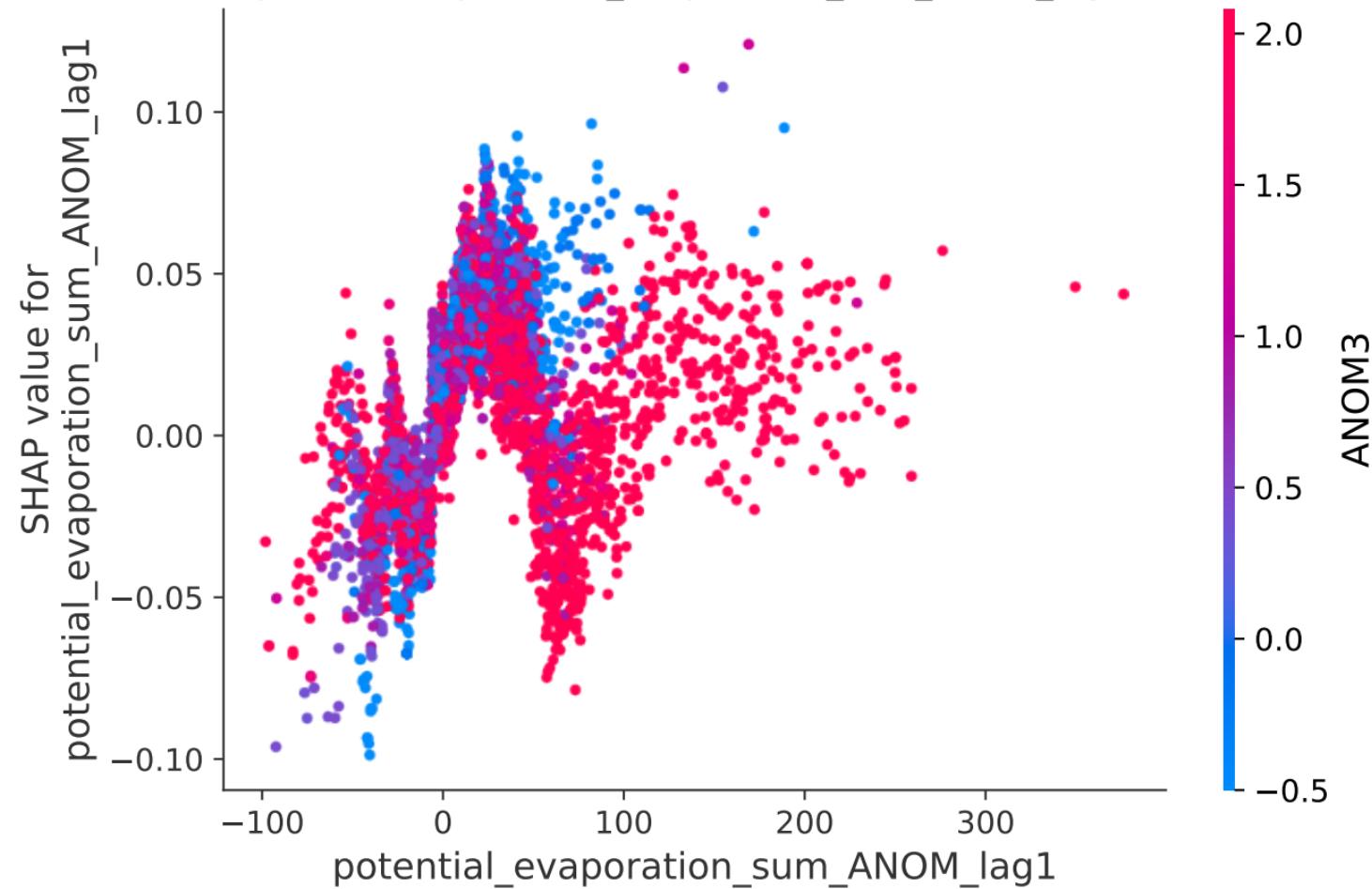
# SHAP Dependence - temperature\_2m\_max\_ANOM\_lag3 - Class 2

SHAP value for  
temperature\_2m\_max\_ANOM\_lag3

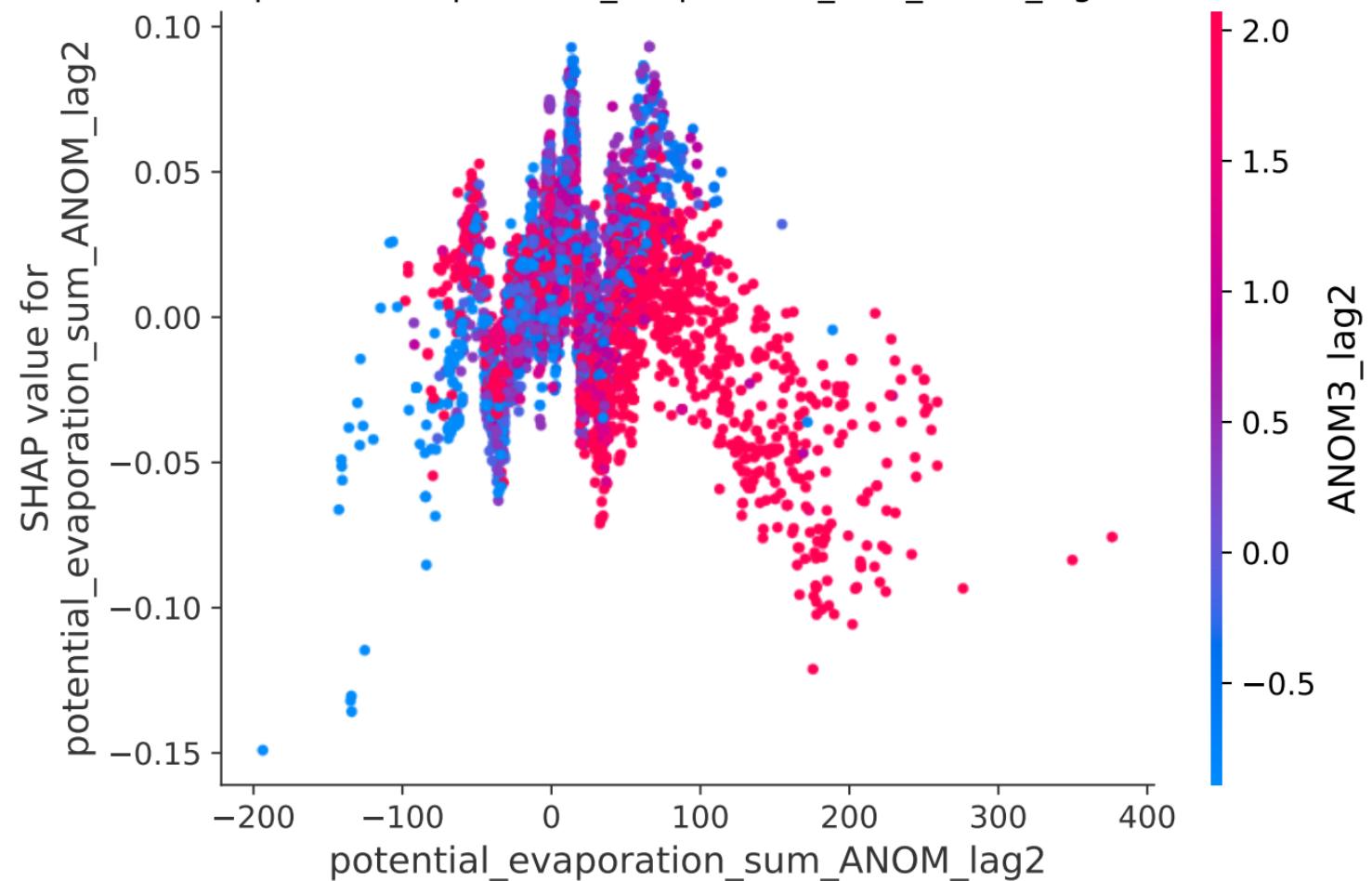
temperature\_2m\_max\_ANOM\_lag3



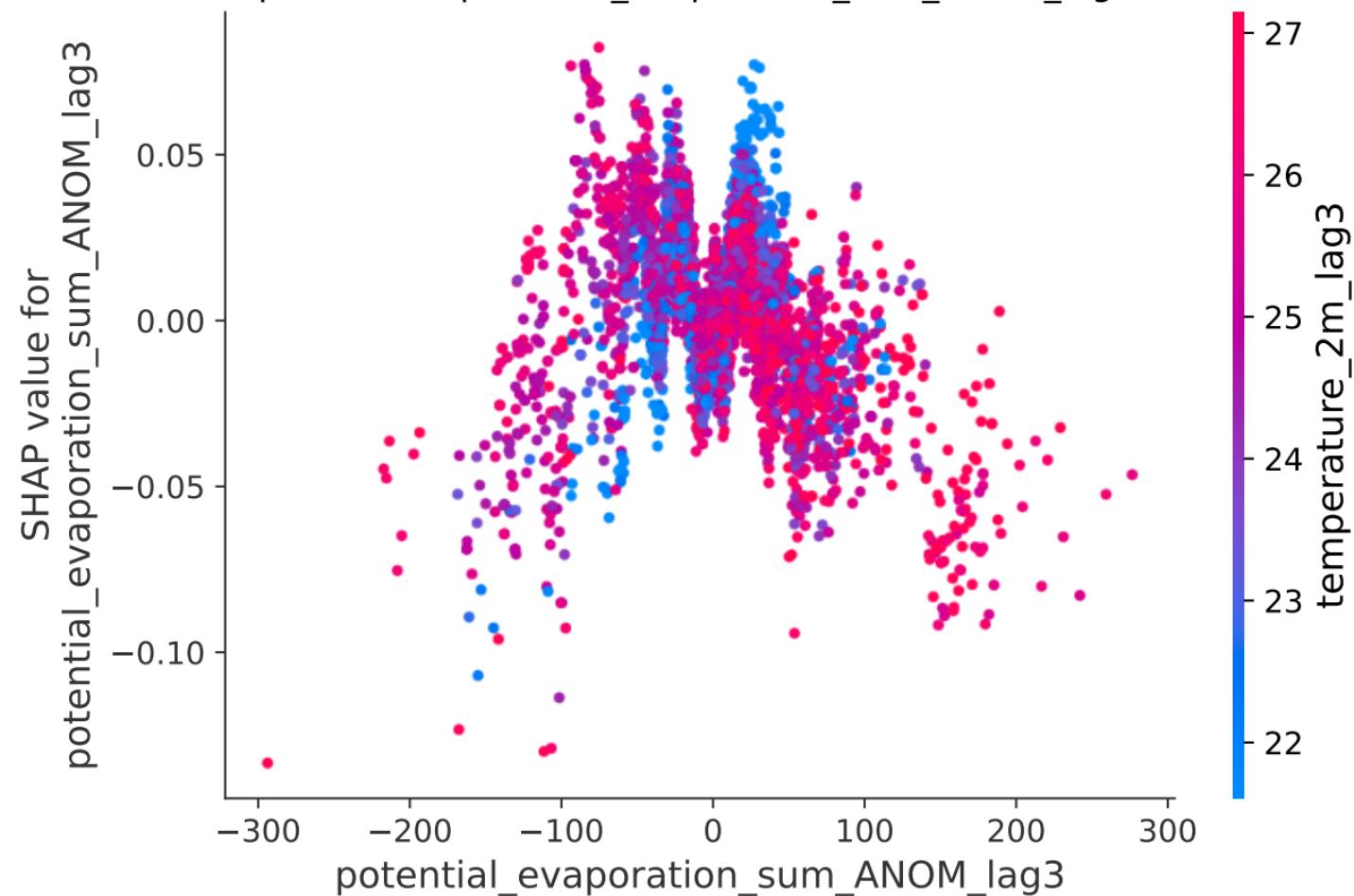
# SHAP Dependence - potential\_evaporation\_sum\_ANOM\_lag1 - Class 2

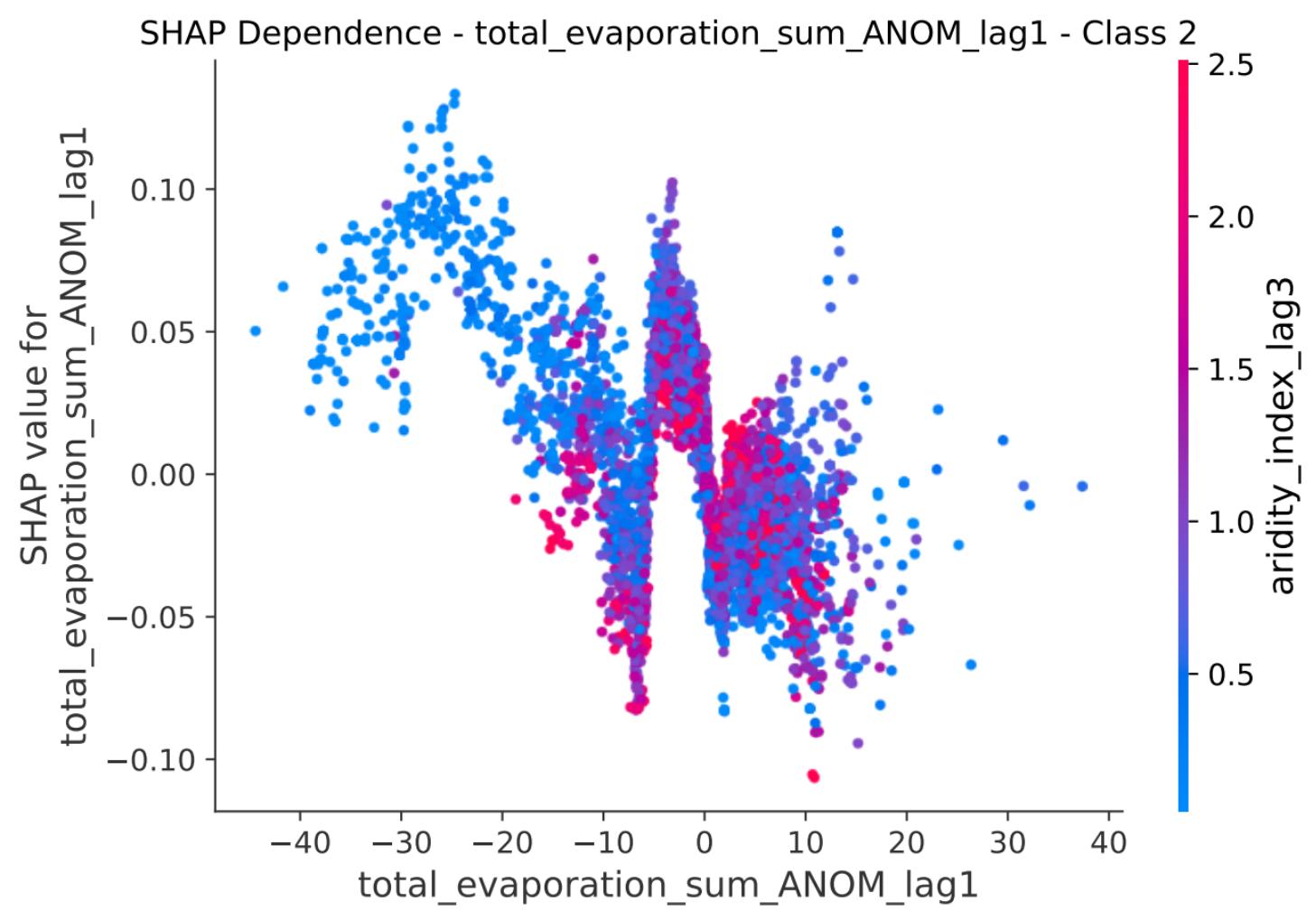


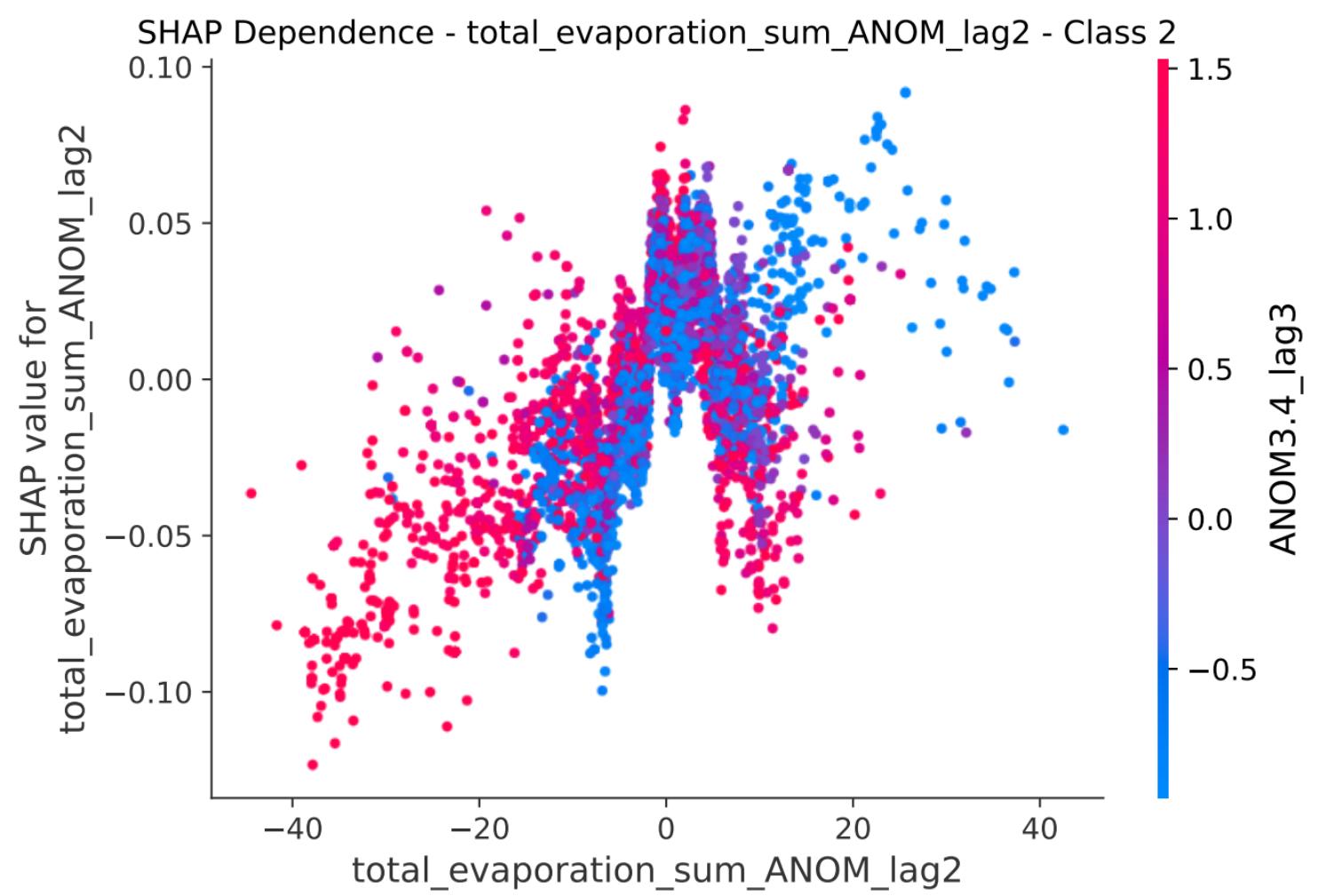
# SHAP Dependence - potential\_evaporation\_sum\_ANOM\_lag2 - Class 2

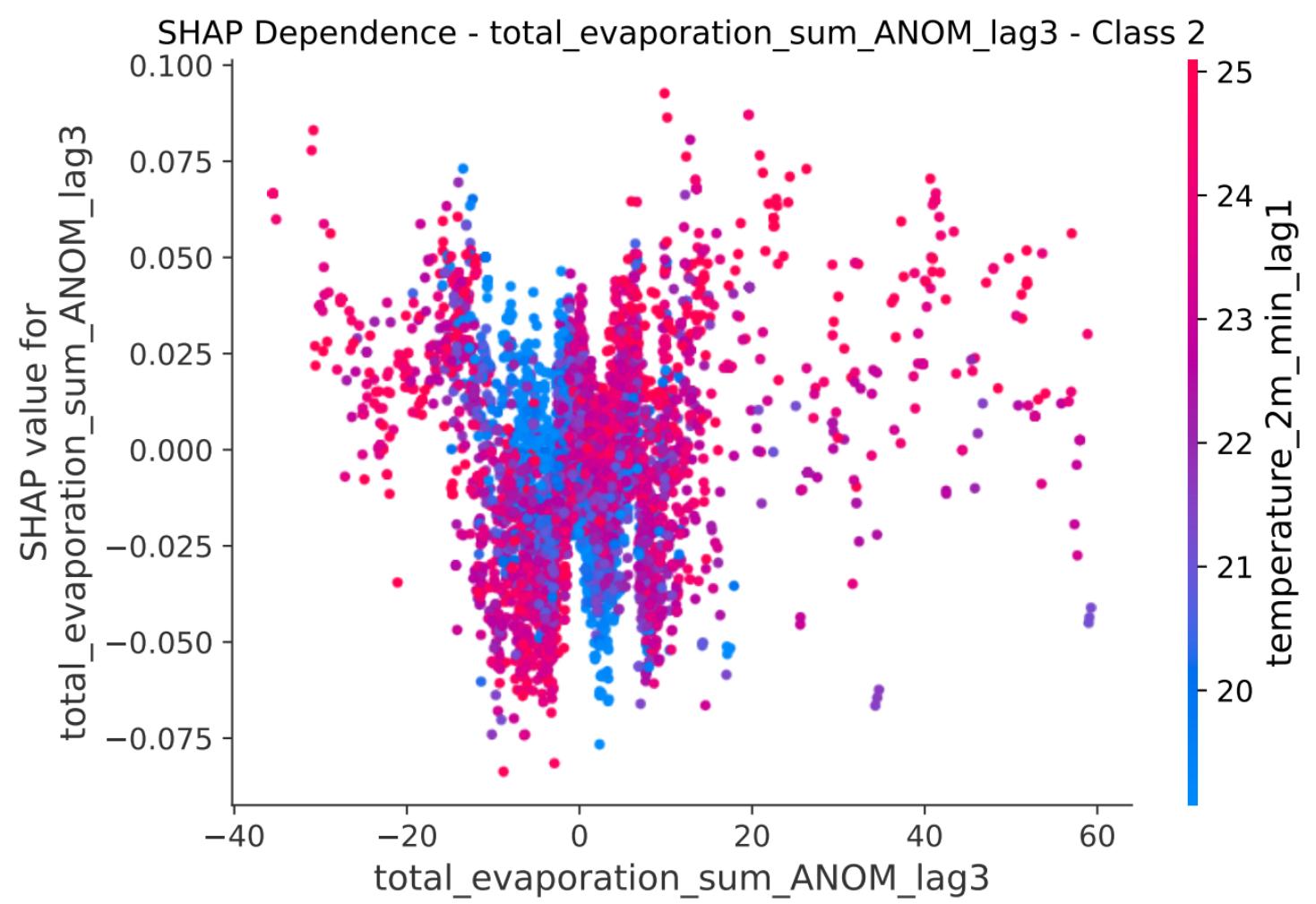


# SHAP Dependence - potential\_evaporation\_sum\_ANOM\_lag3 - Class 2



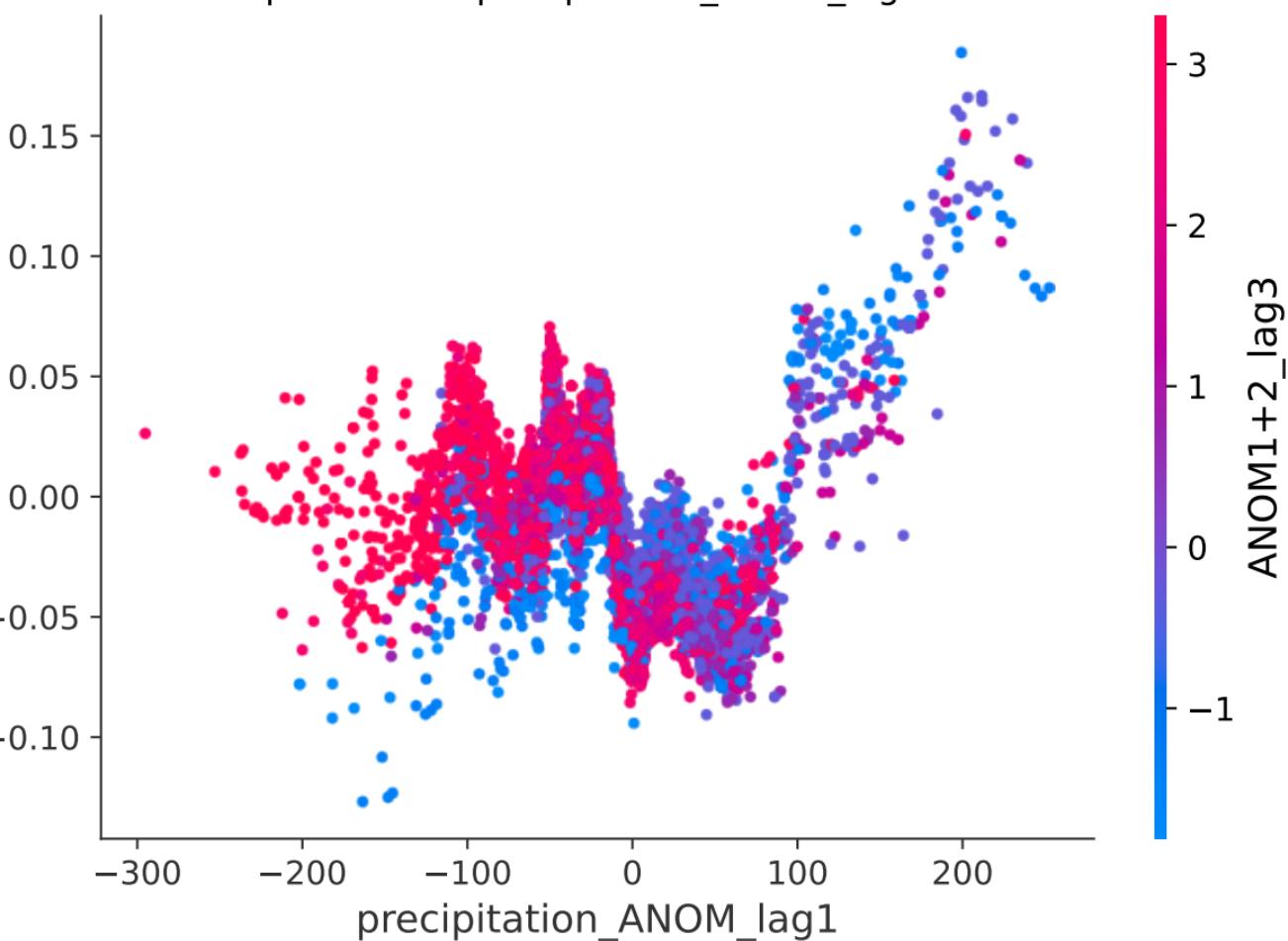




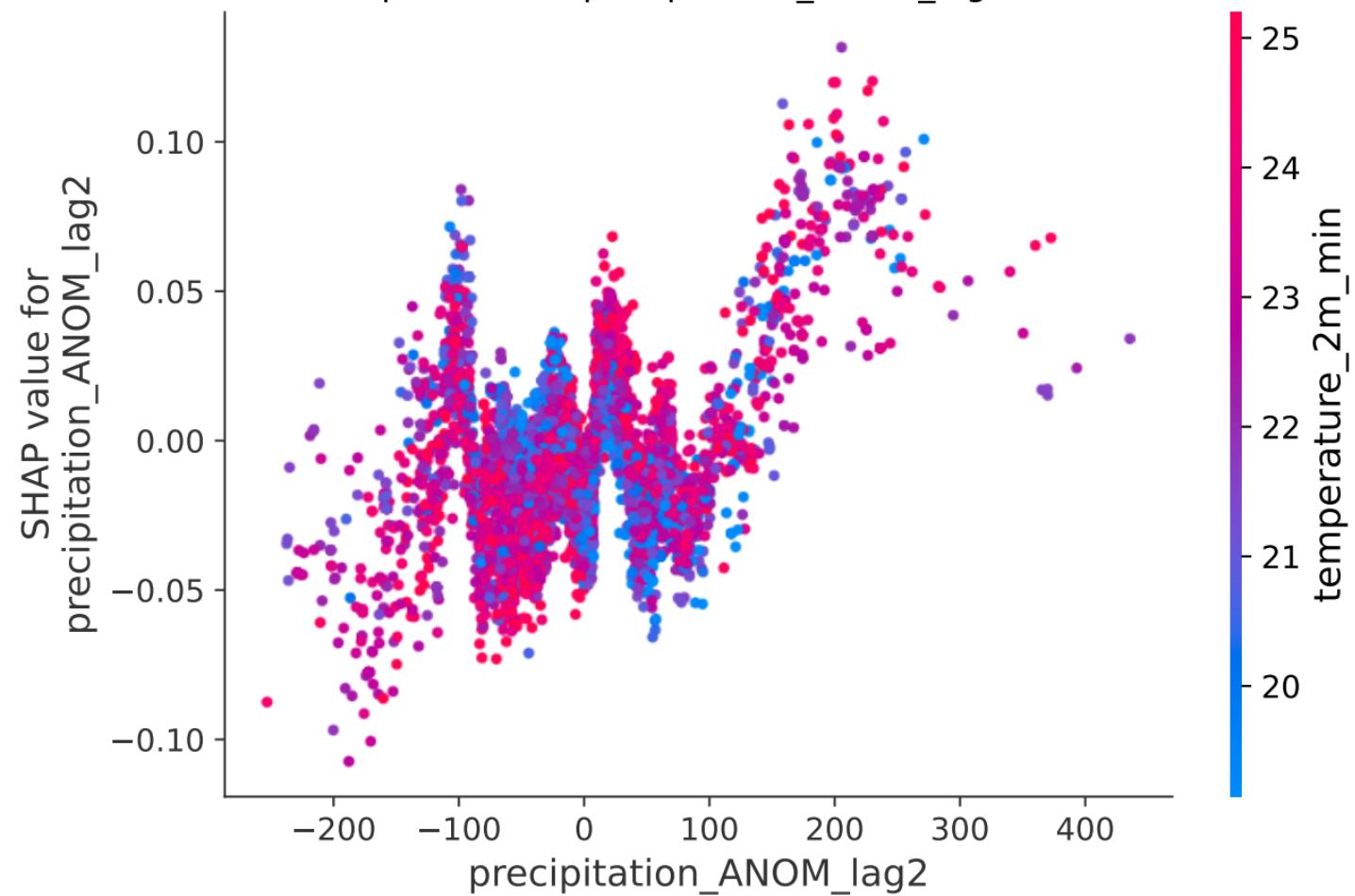


# SHAP Dependence - precipitation\_ANOM\_lag1 - Class 2

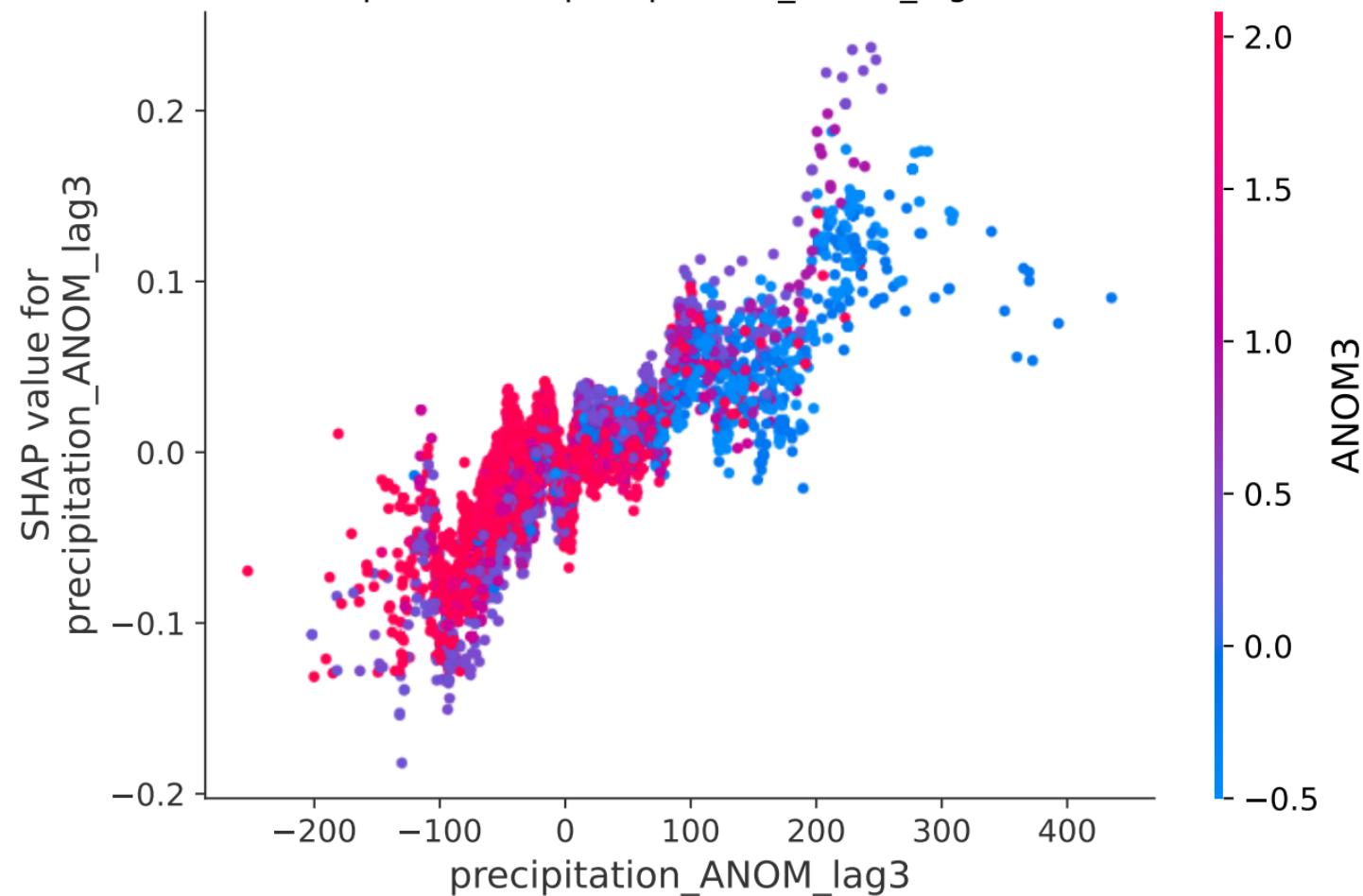
SHAP value for  
precipitation\_ANOM\_lag1



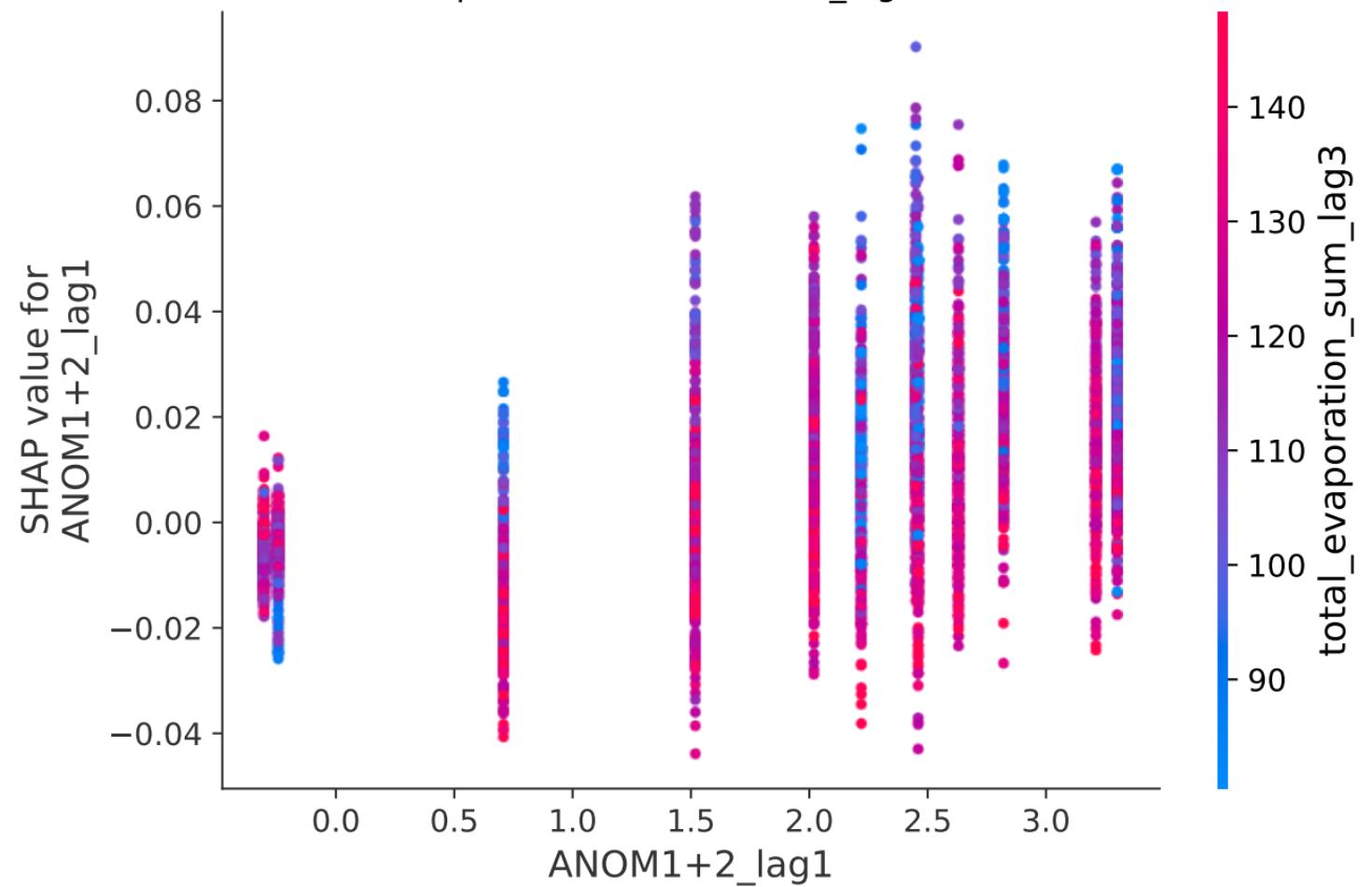
# SHAP Dependence - precipitation\_ANOM\_lag2 - Class 2



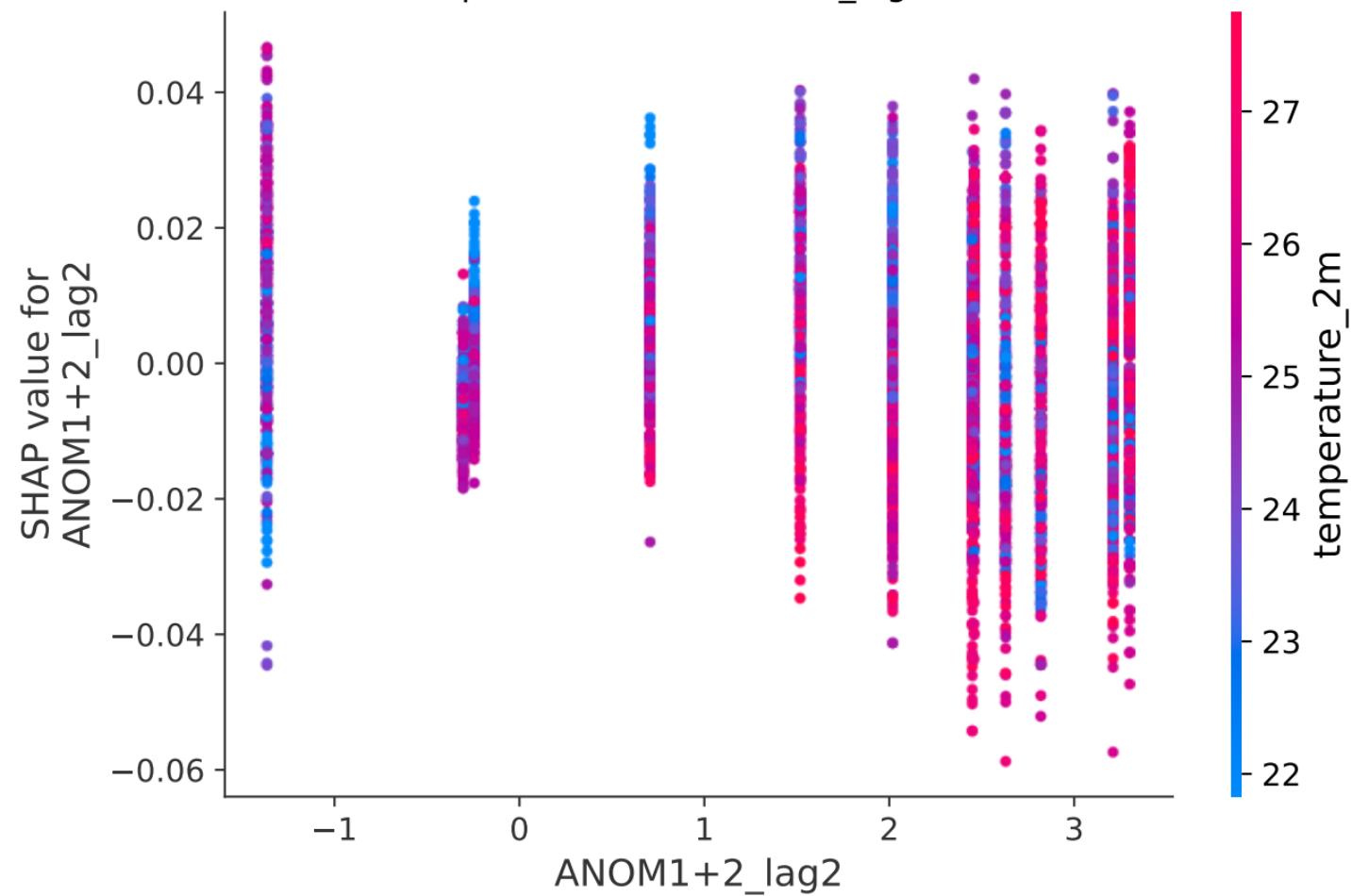
# SHAP Dependence - precipitation\_ANOM\_lag3 - Class 2



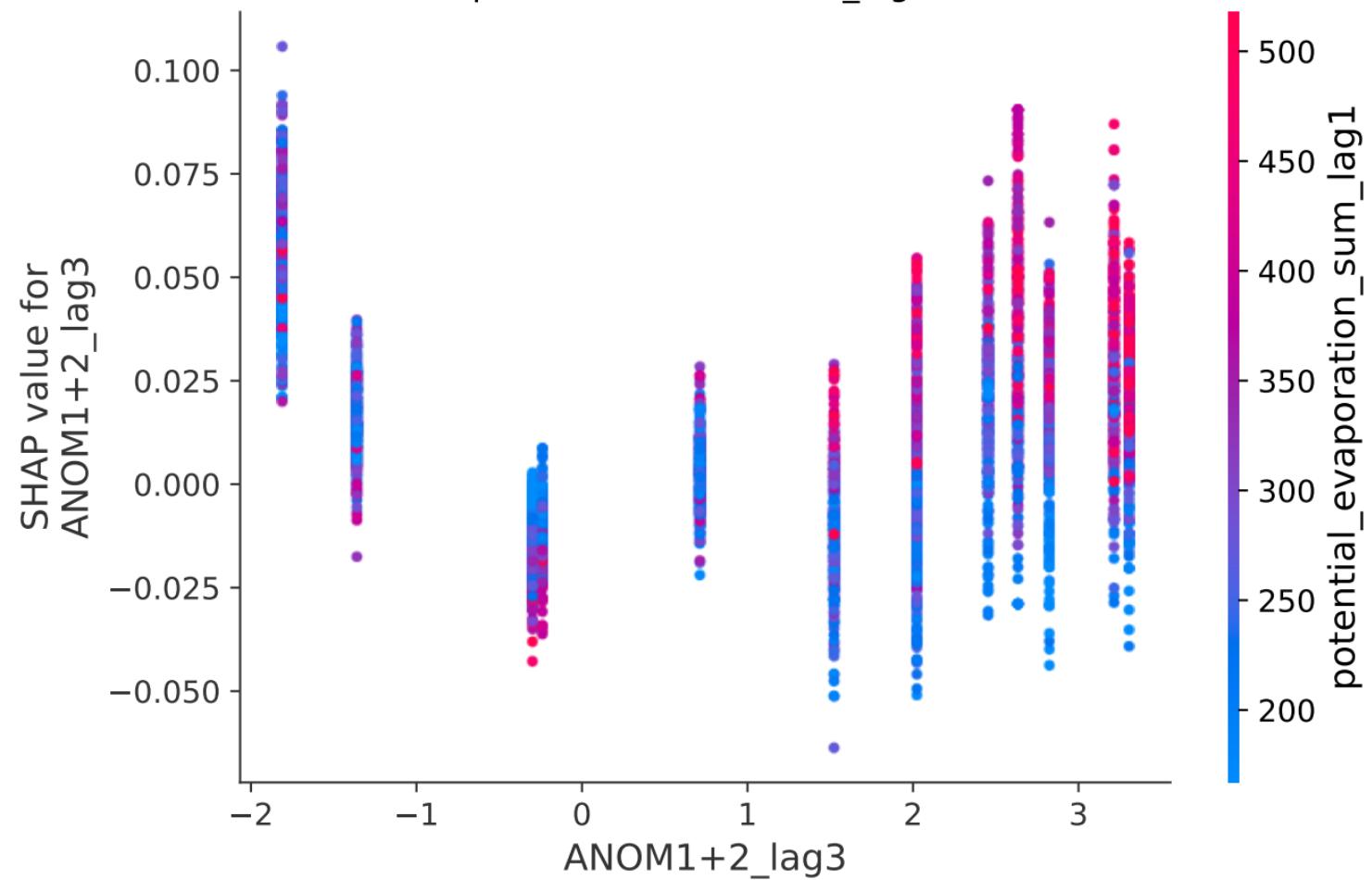
# SHAP Dependence - ANOM1+2\_lag1 - Class 2



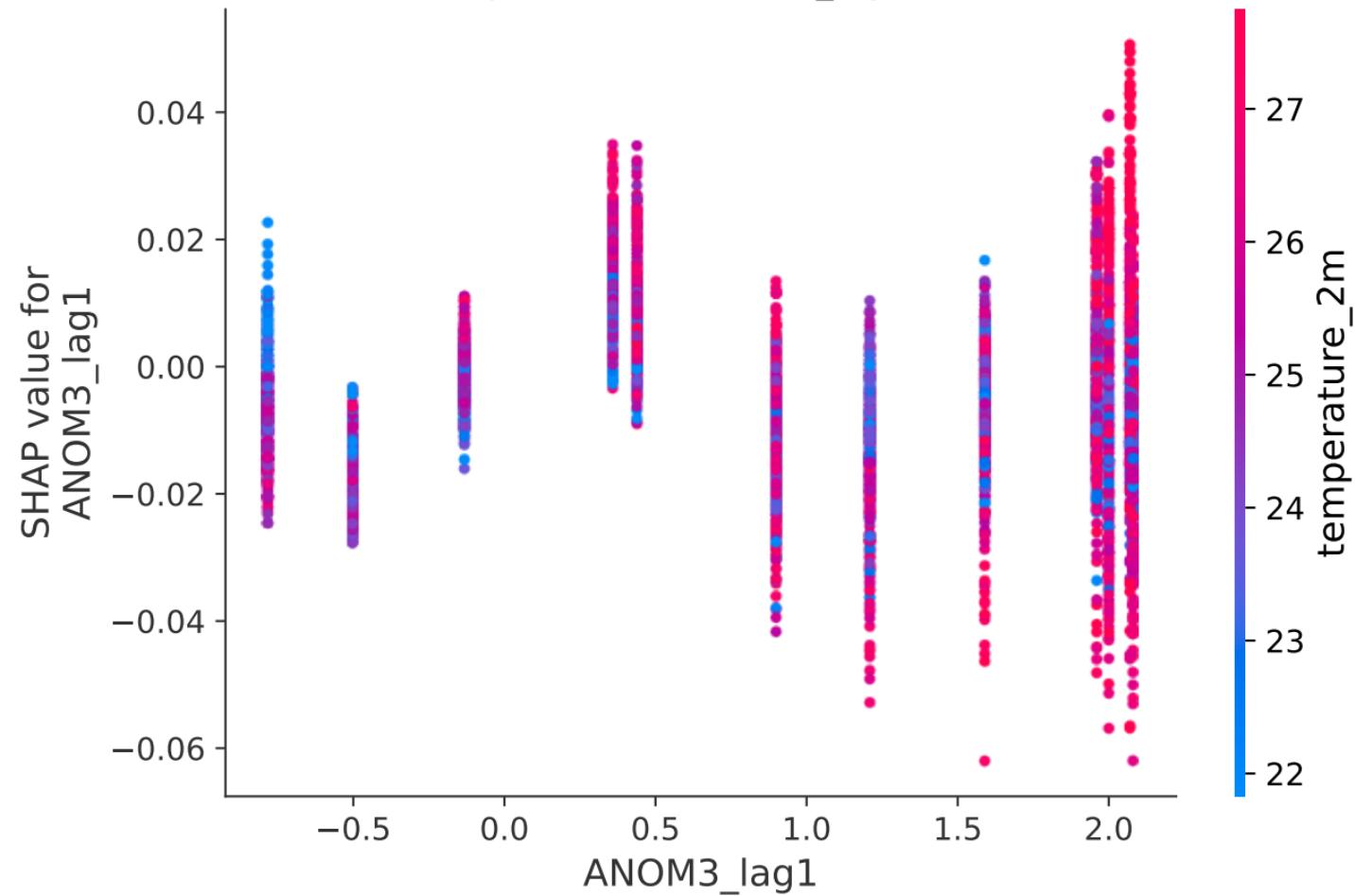
# SHAP Dependence - ANOM1+2\_lag2 - Class 2



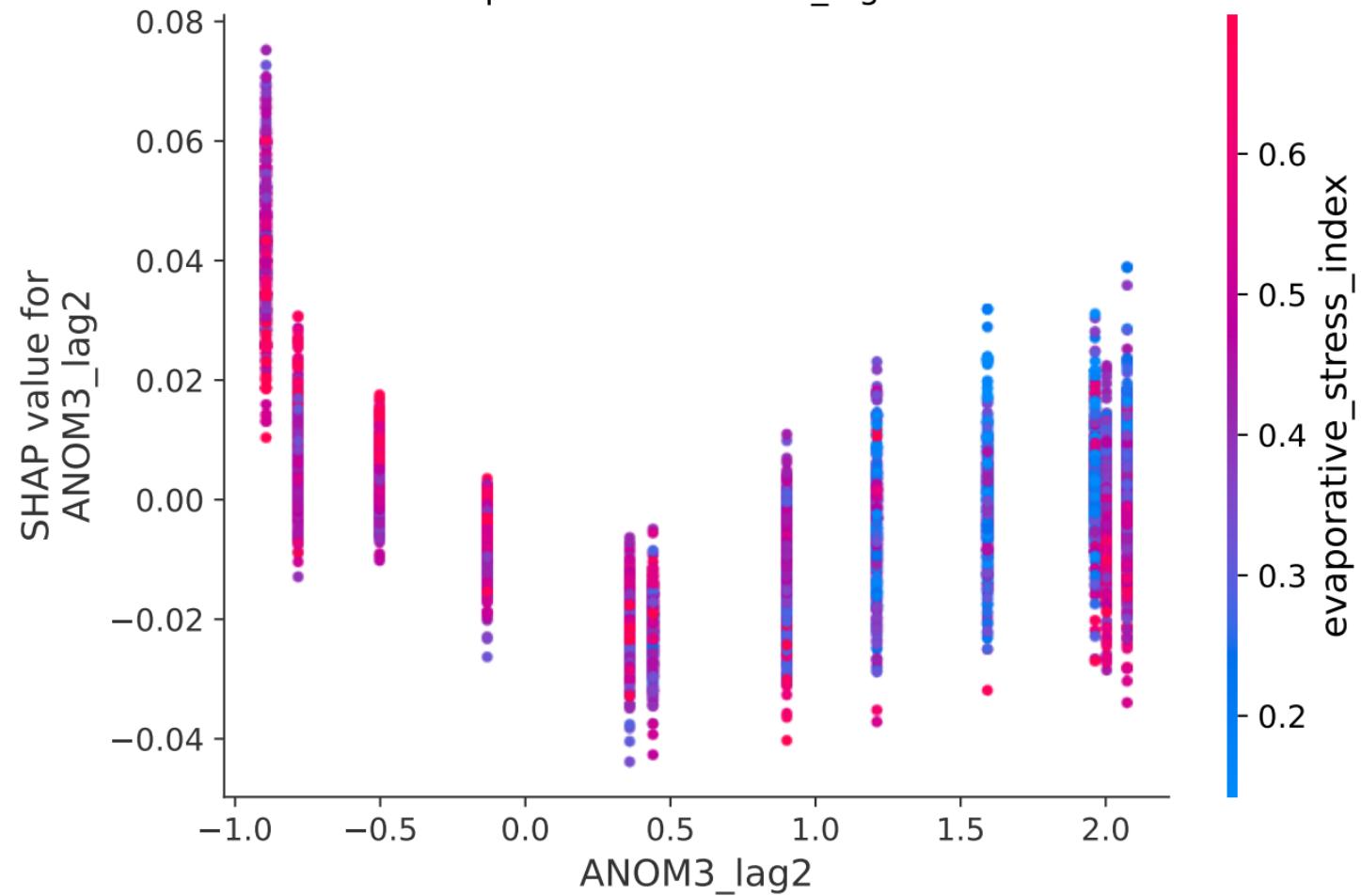
# SHAP Dependence - ANOM1+2\_lag3 - Class 2



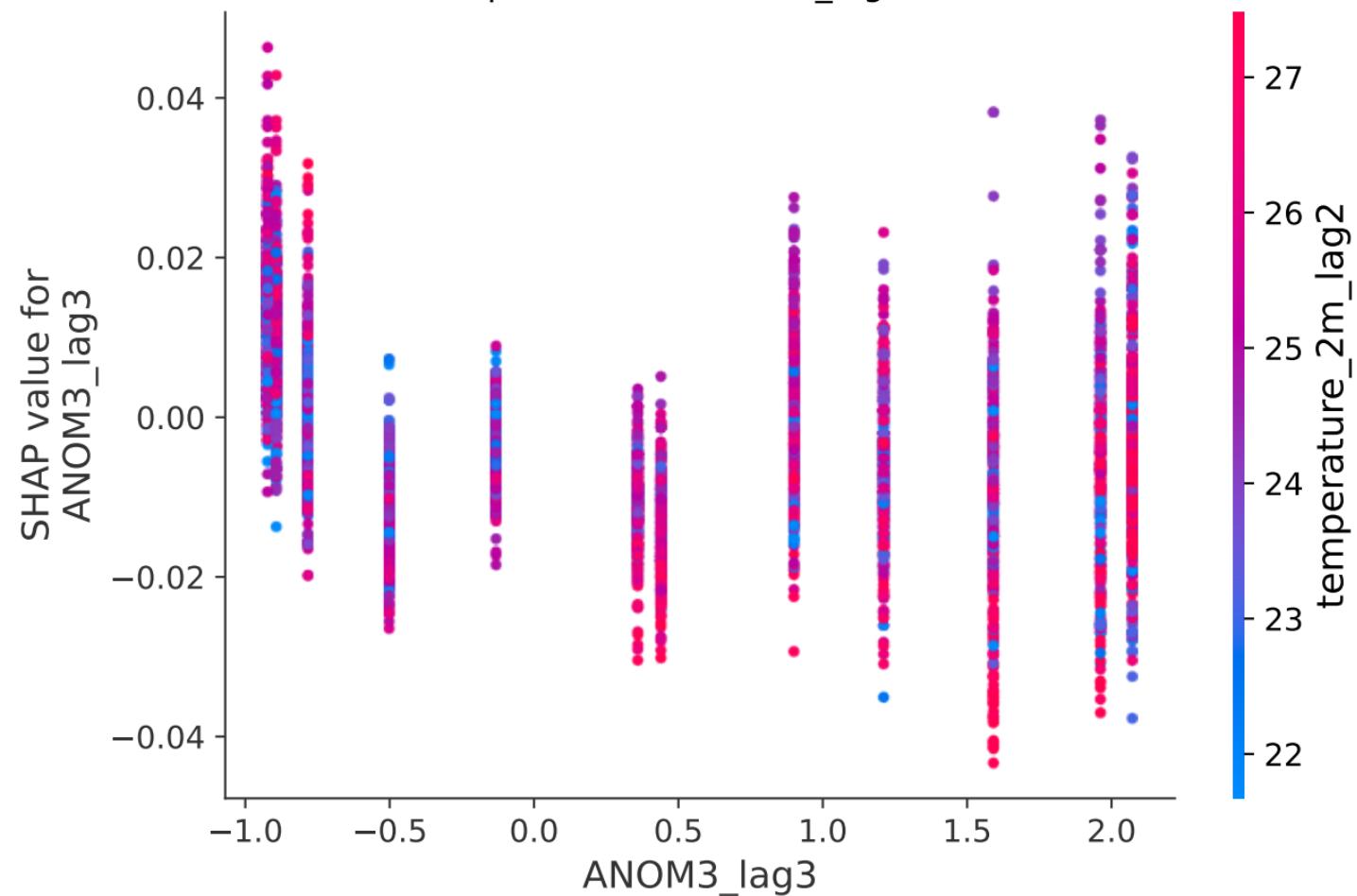
# SHAP Dependence - ANOM3\_lag1 - Class 2



# SHAP Dependence - ANOM3\_lag2 - Class 2

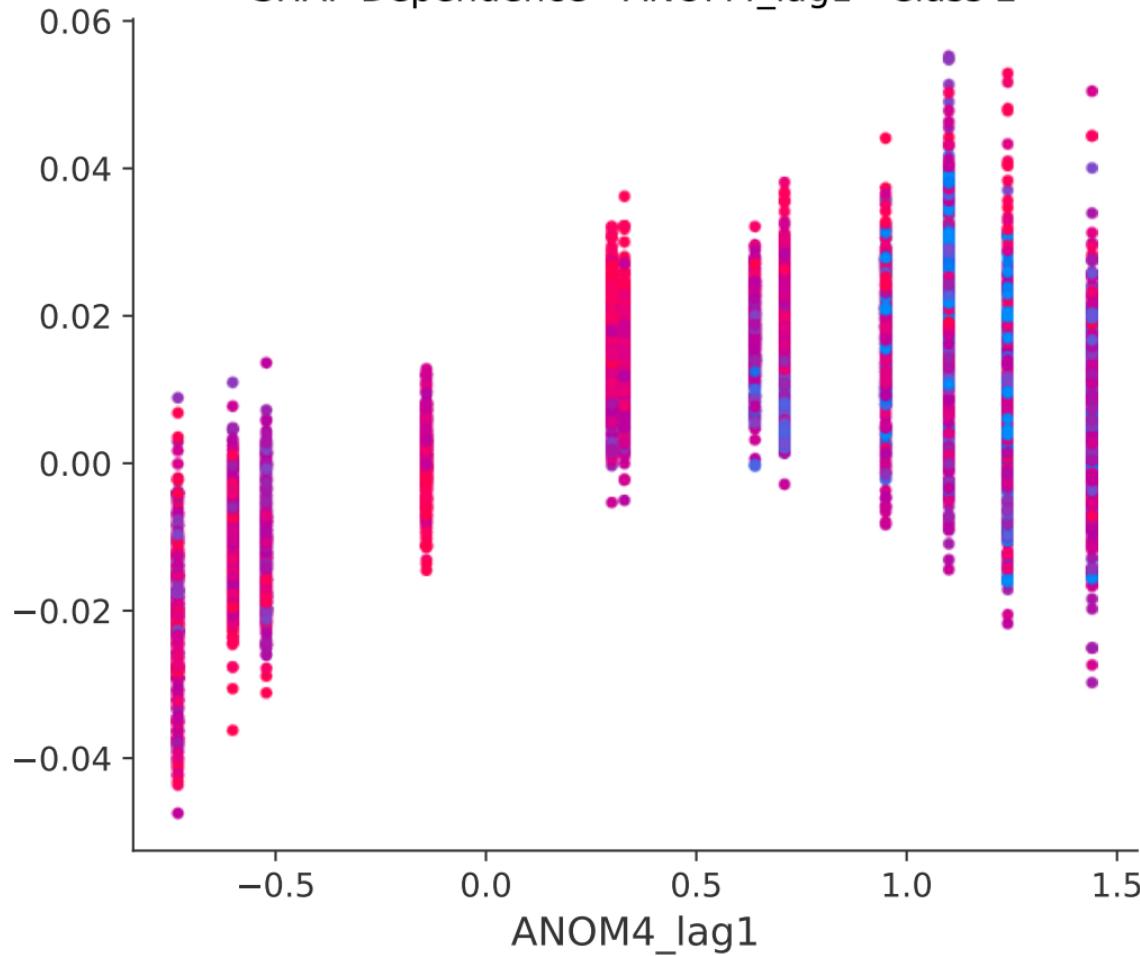


# SHAP Dependence - ANOM3\_lag3 - Class 2



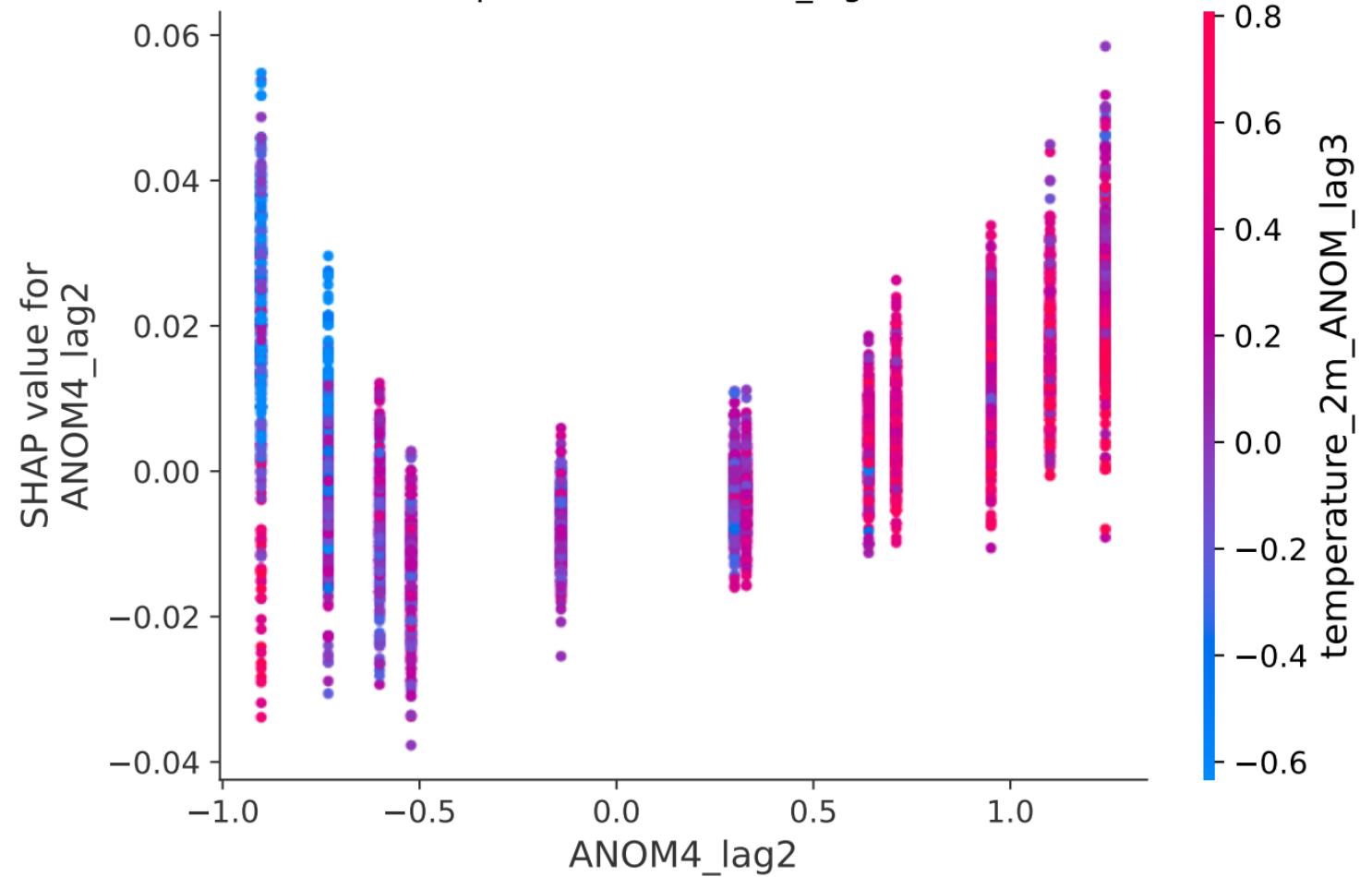
# SHAP Dependence - ANOM4\_lag1 - Class 2

SHAP value for  
ANOM4\_lag1



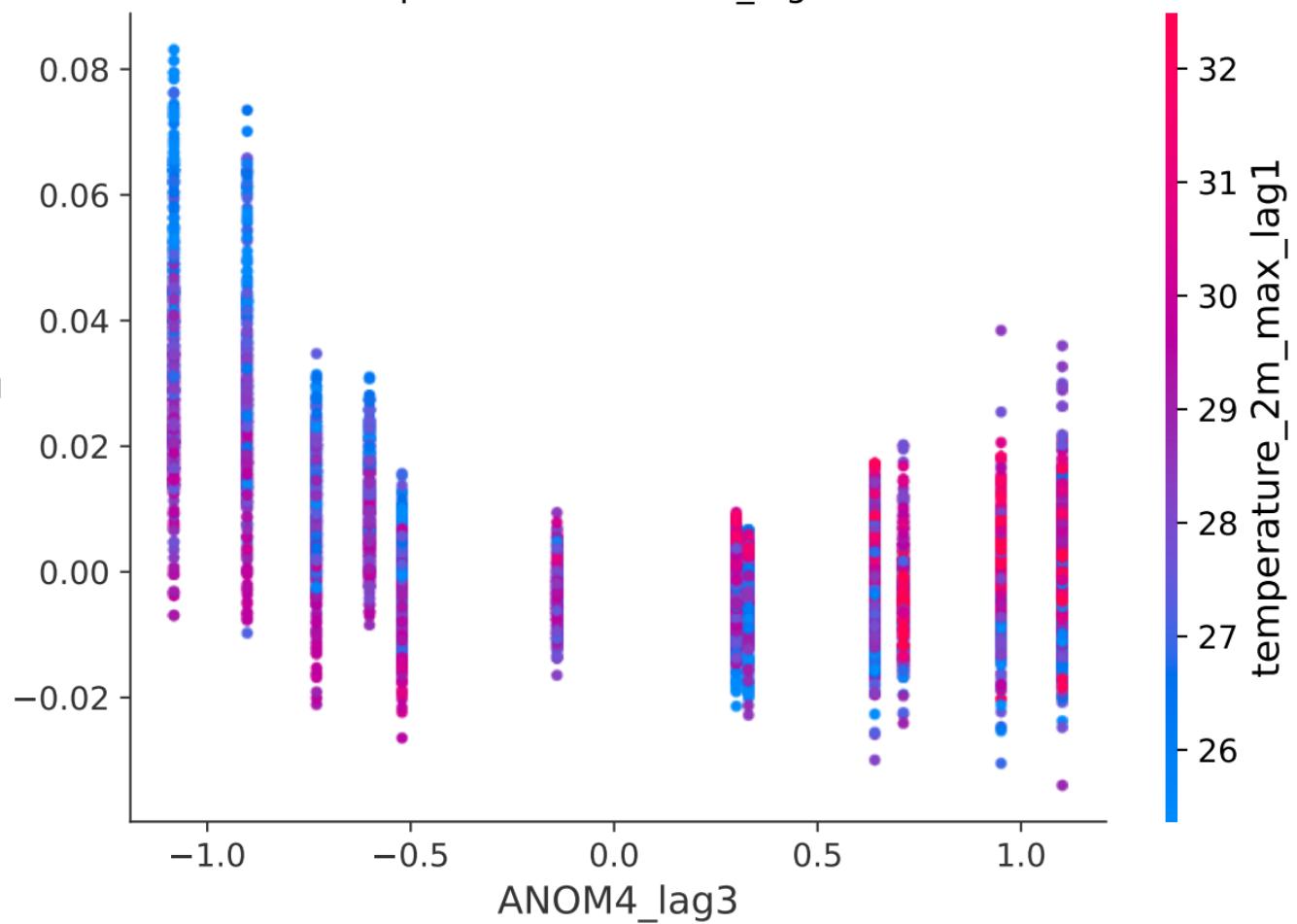
total\_evaporation\_sum\_lag1

# SHAP Dependence - ANOM4\_lag2 - Class 2

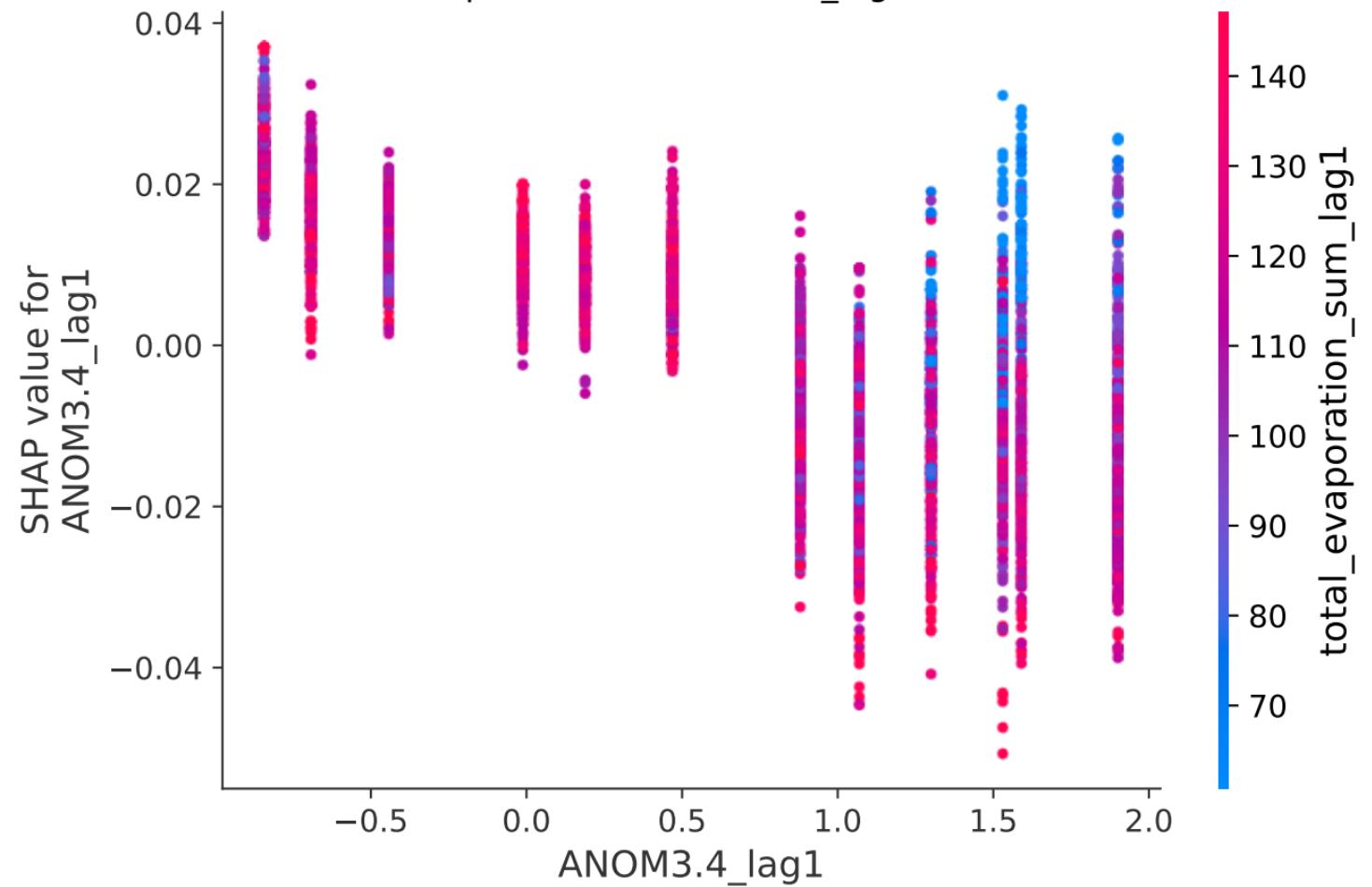


# SHAP Dependence - ANOM4\_lag3 - Class 2

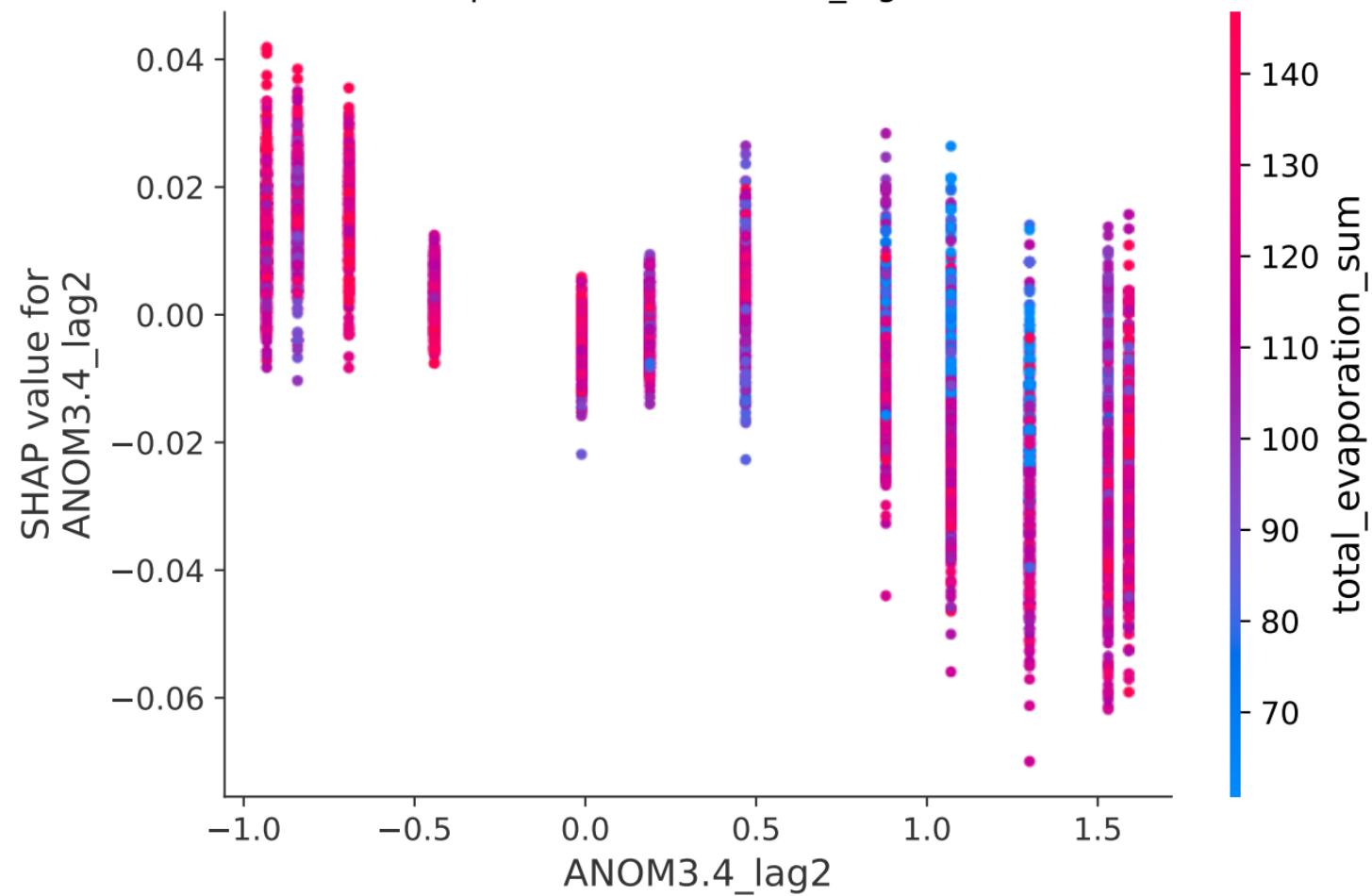
SHAP value for  
ANOM4\_lag3



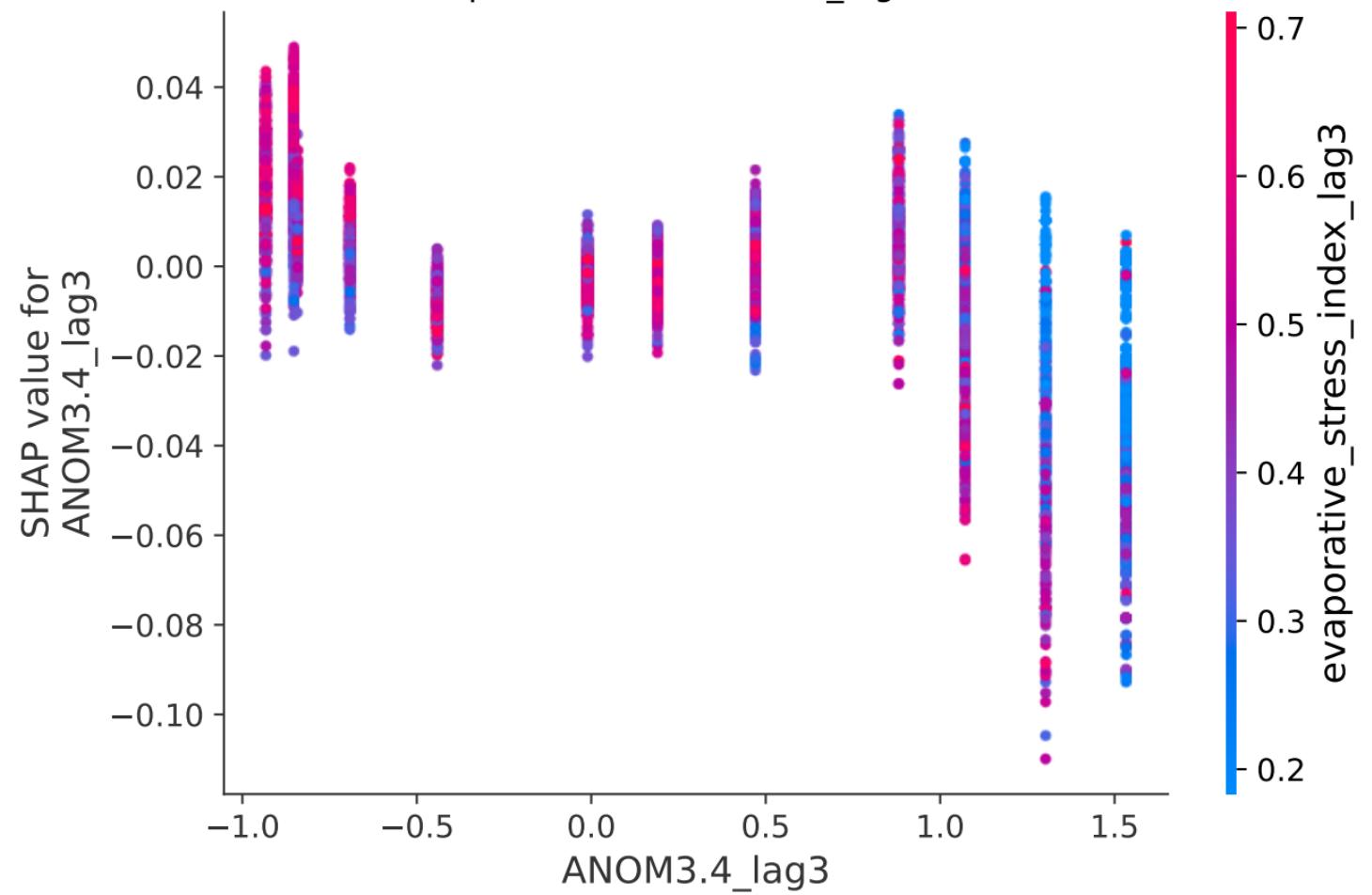
# SHAP Dependence - ANOM3.4\_lag1 - Class 2



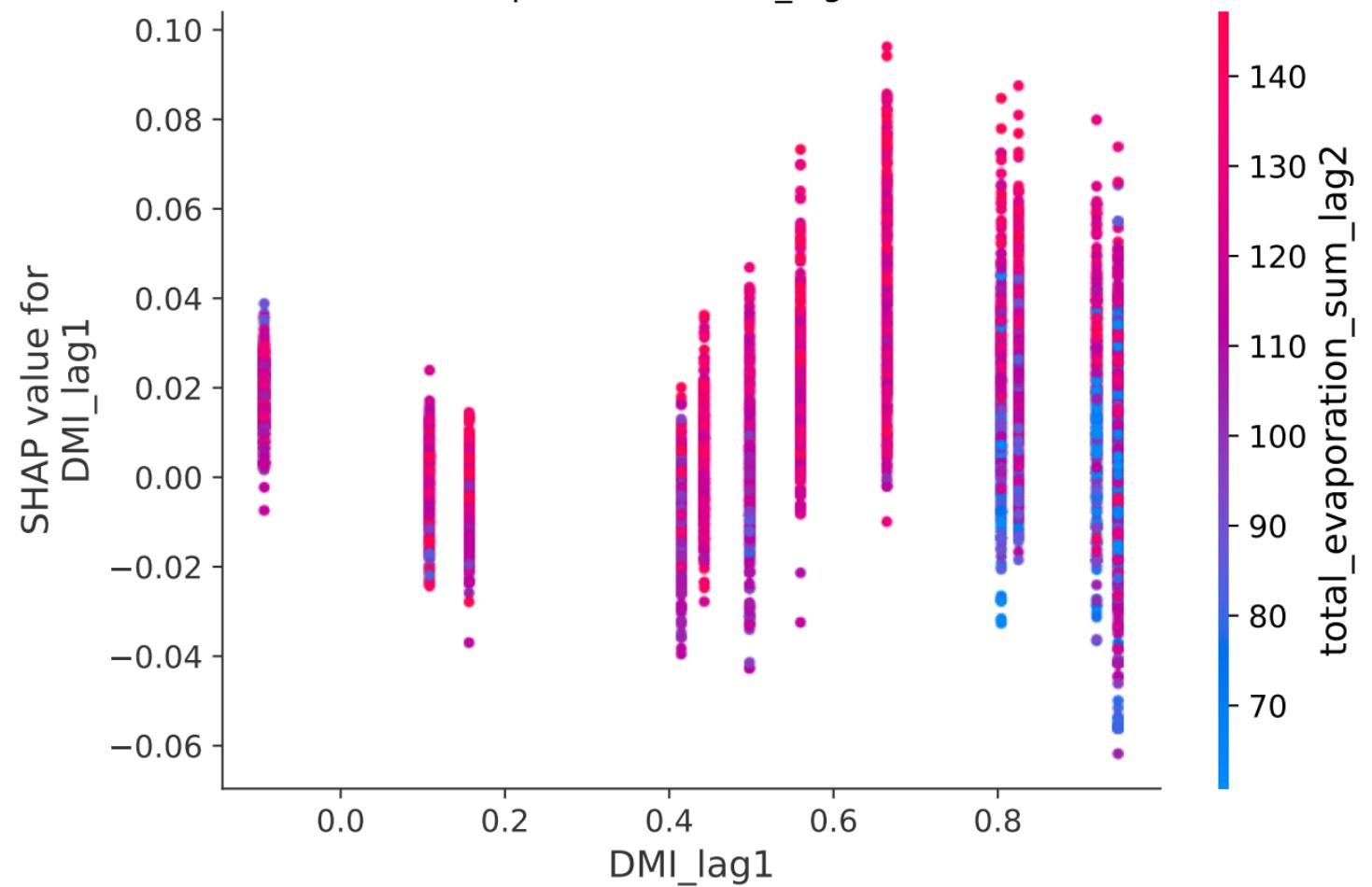
# SHAP Dependence - ANOM3.4\_lag2 - Class 2



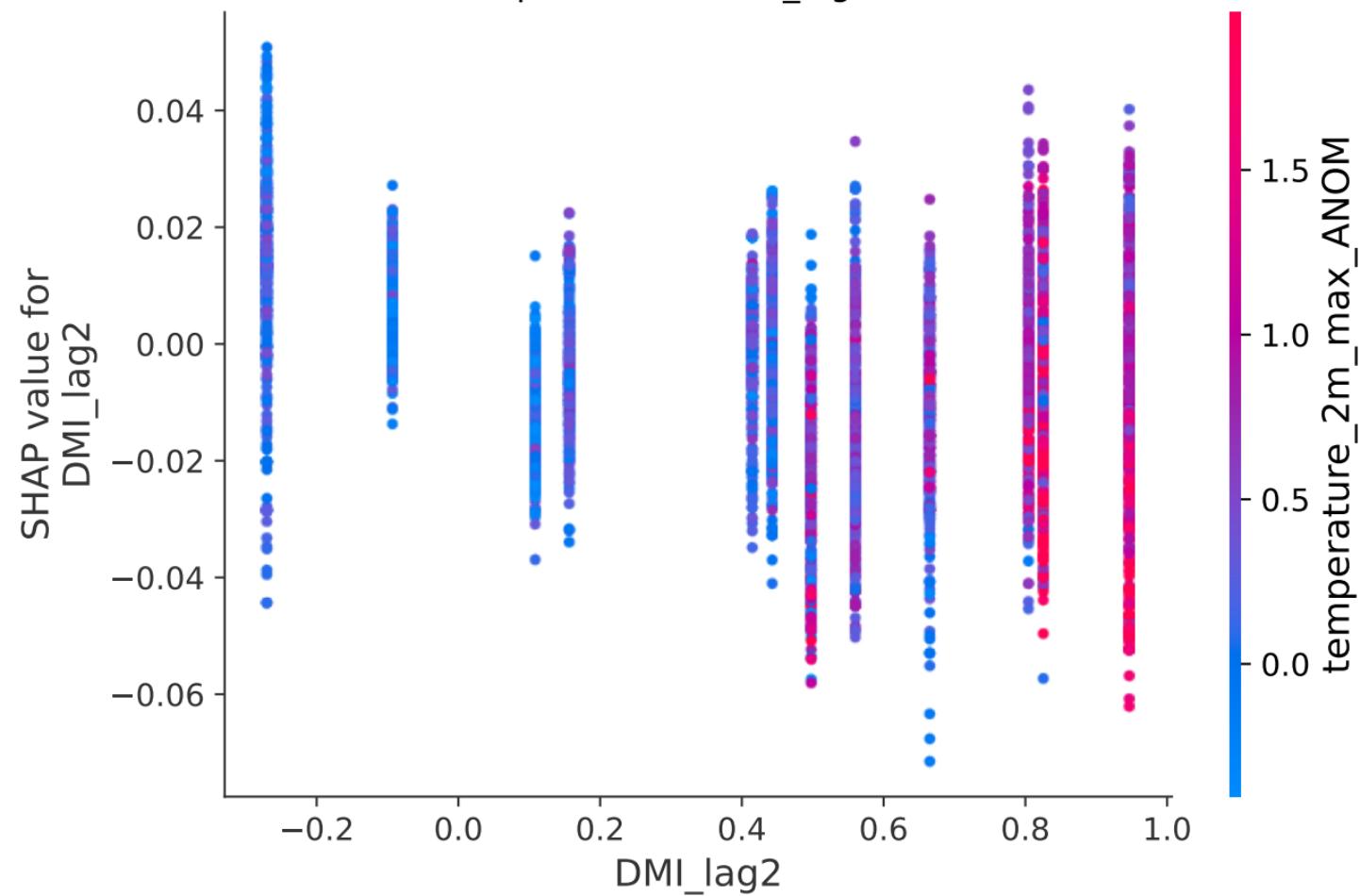
# SHAP Dependence - ANOM3.4\_lag3 - Class 2



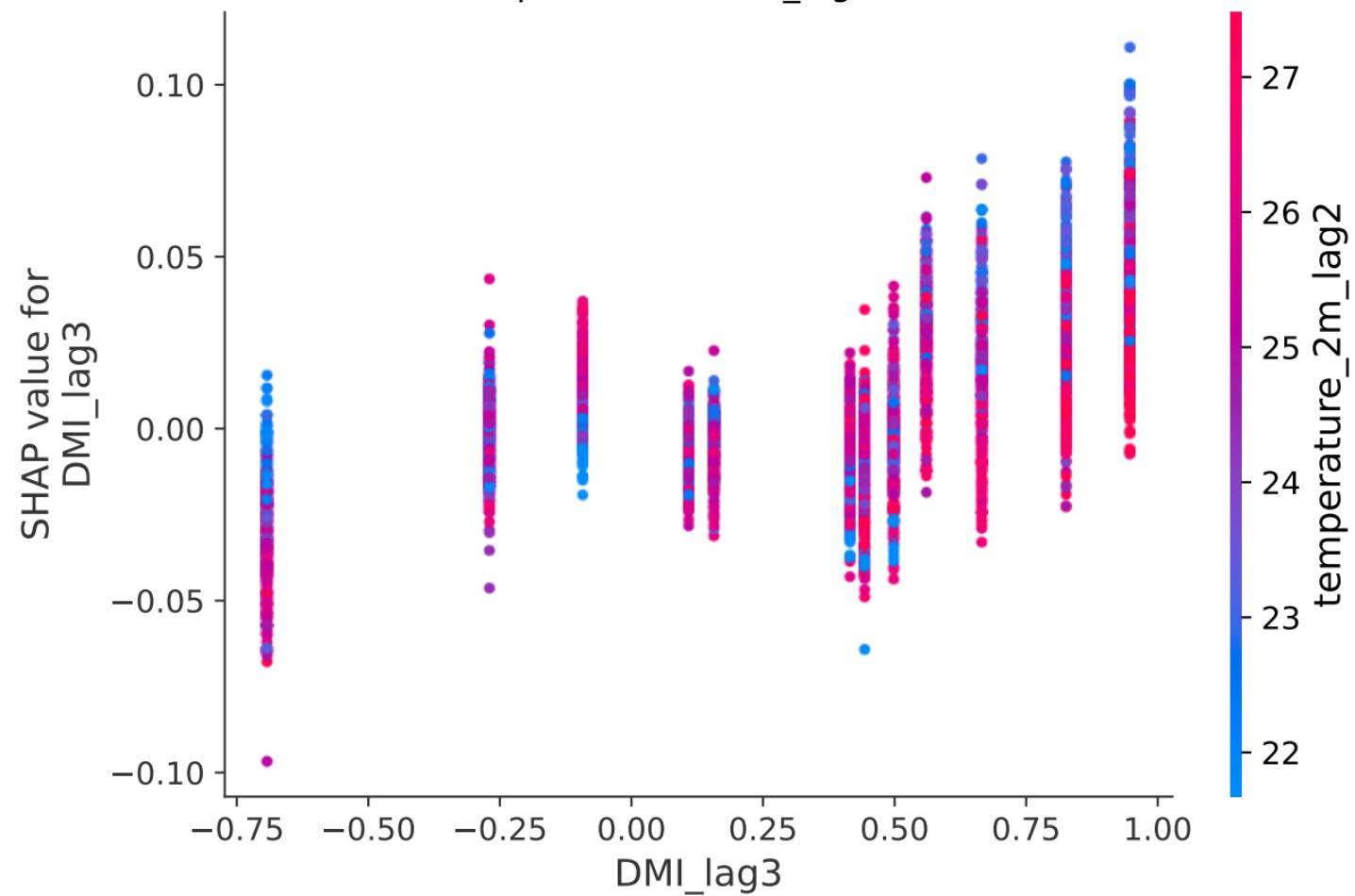
# SHAP Dependence - DMI\_lag1 - Class 2



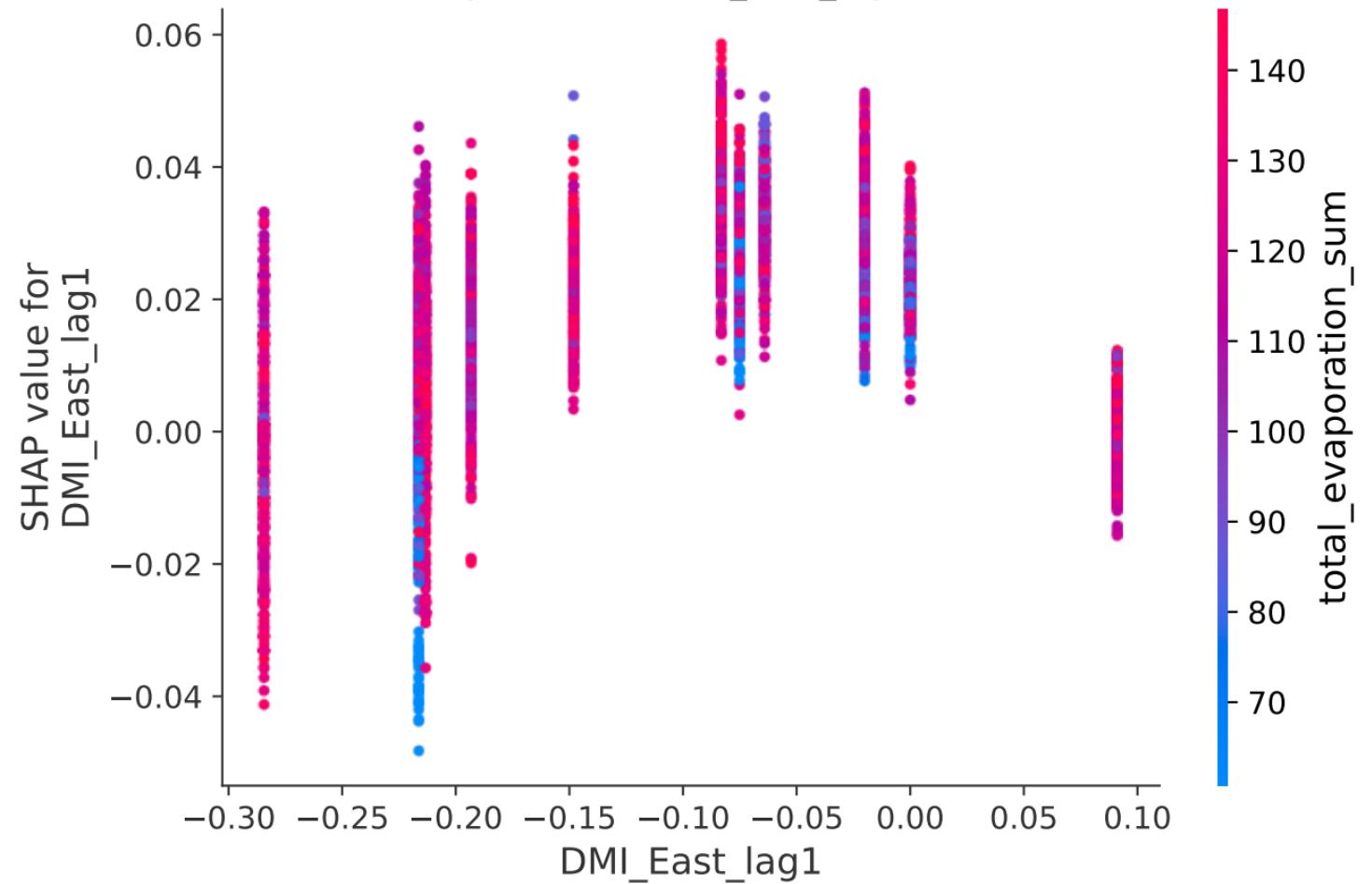
# SHAP Dependence - DMI\_lag2 - Class 2



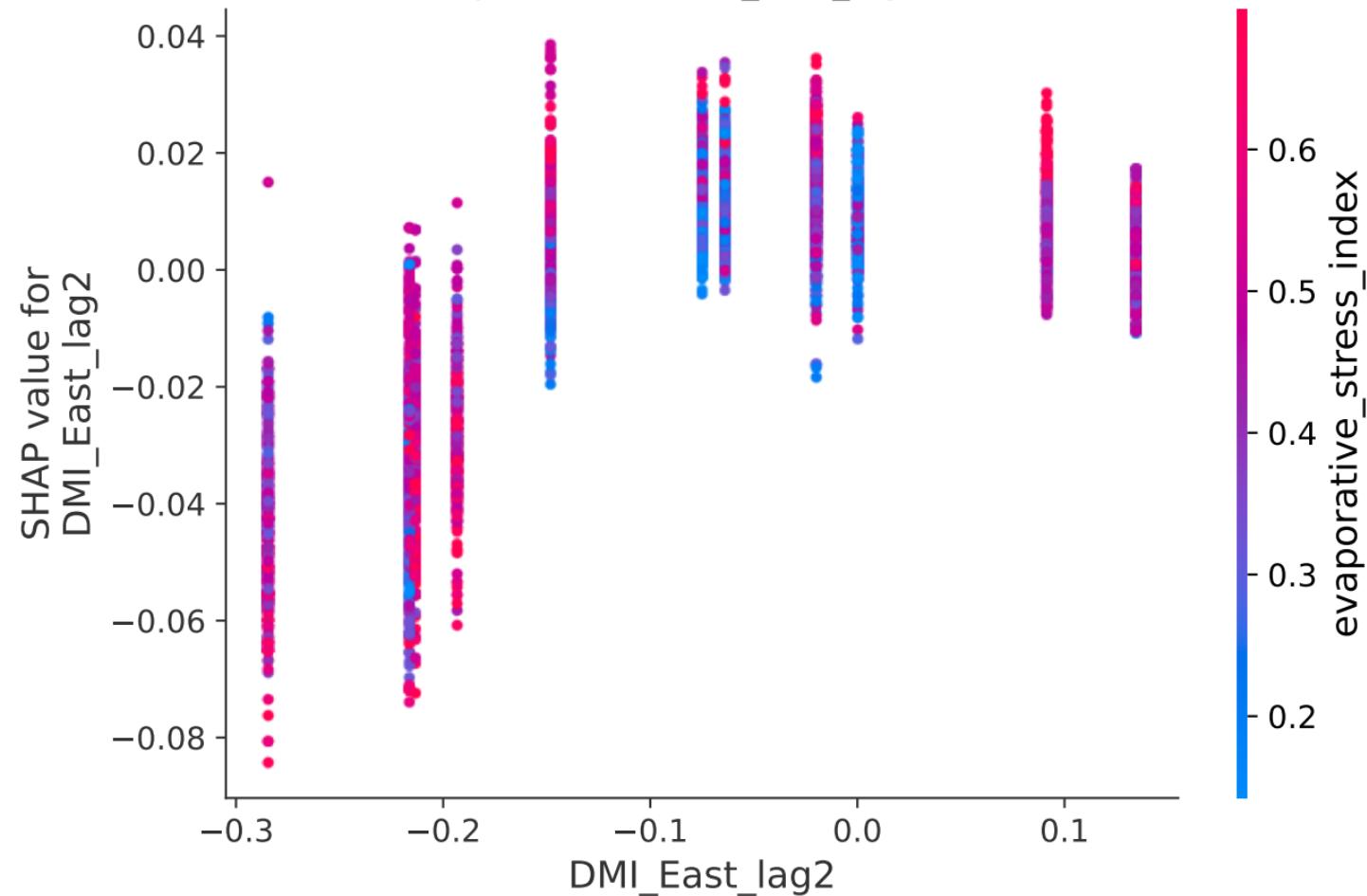
# SHAP Dependence - DMI\_lag3 - Class 2



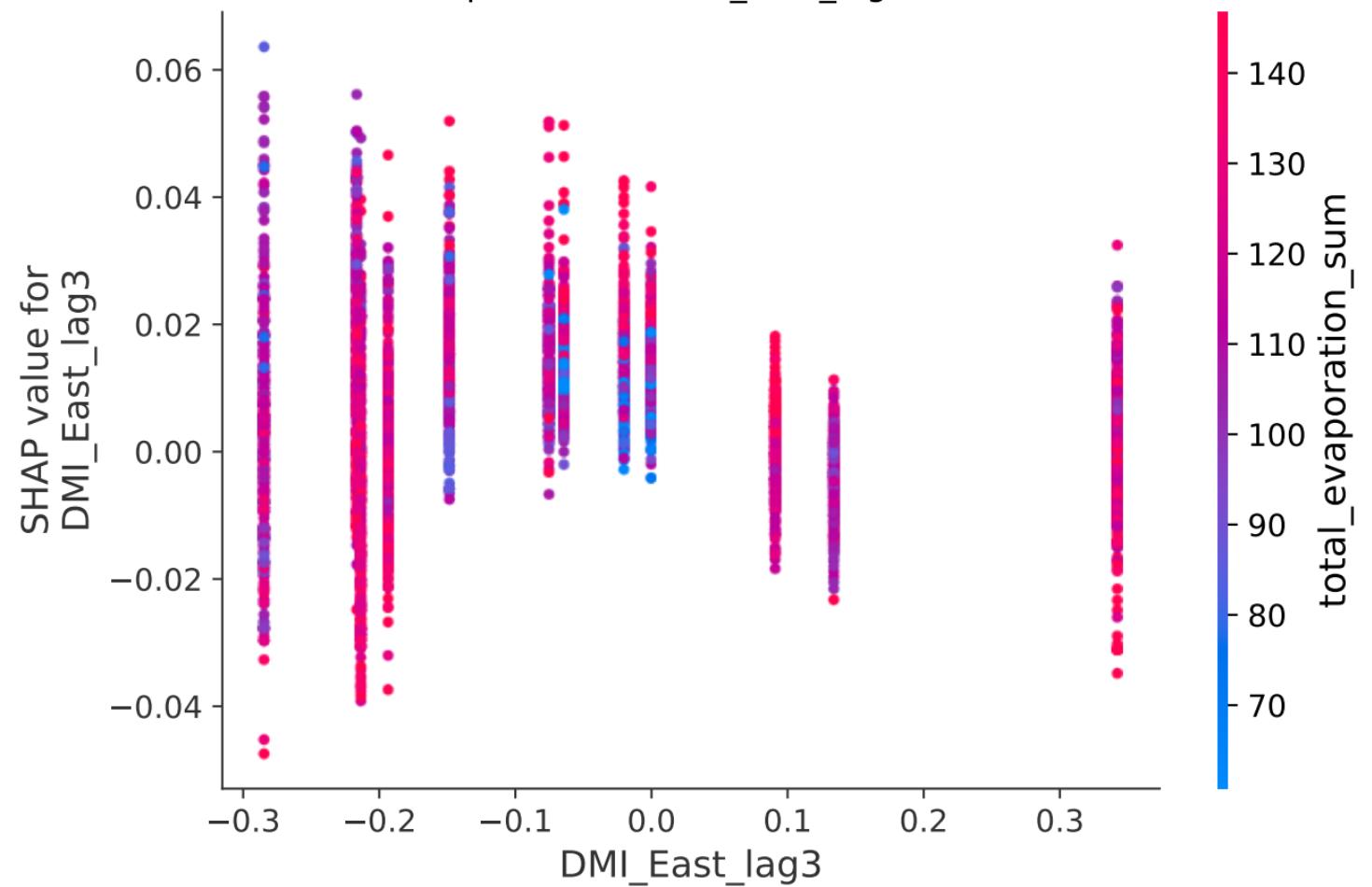
# SHAP Dependence - DMI\_East\_lag1 - Class 2

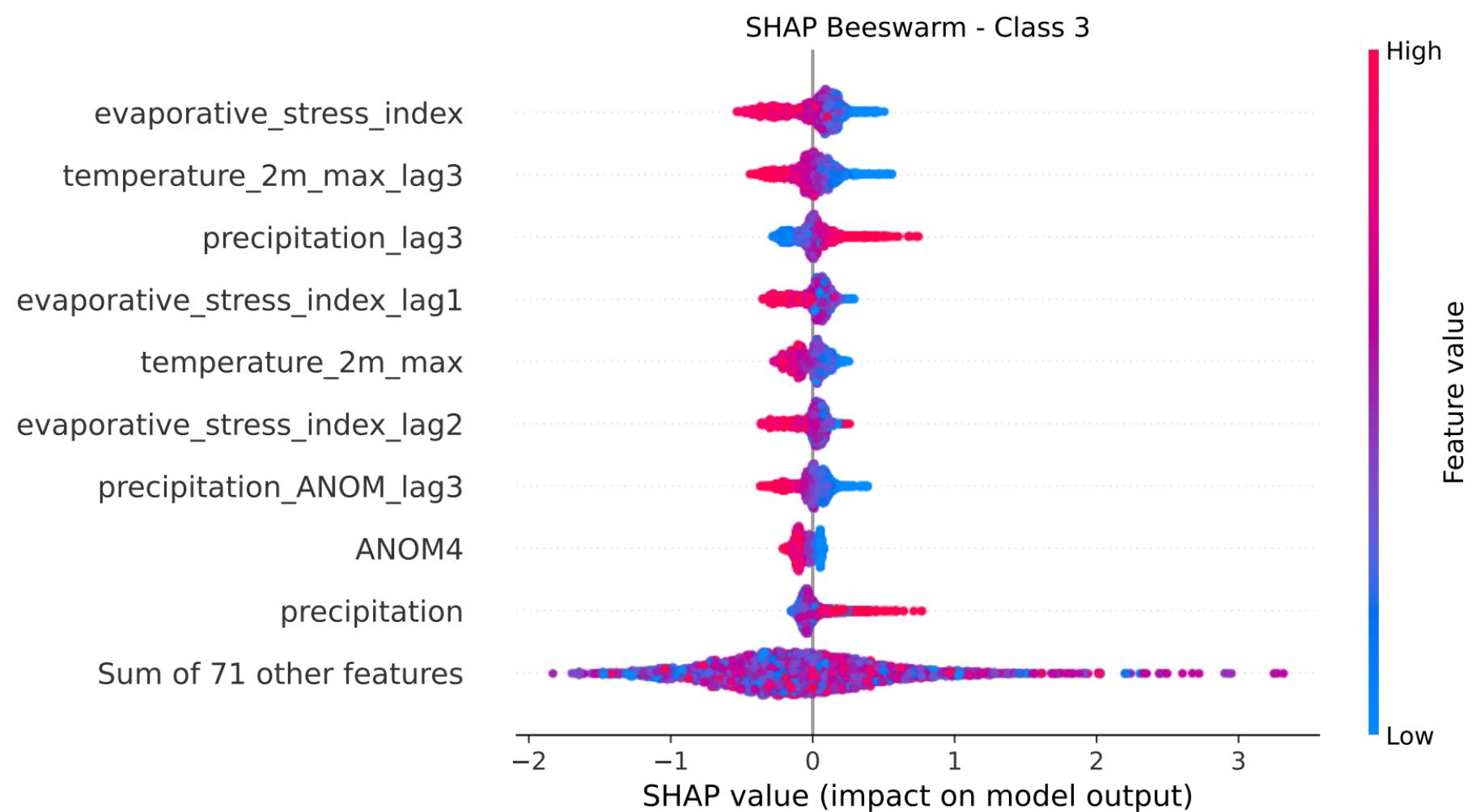


# SHAP Dependence - DMI\_East\_lag2 - Class 2

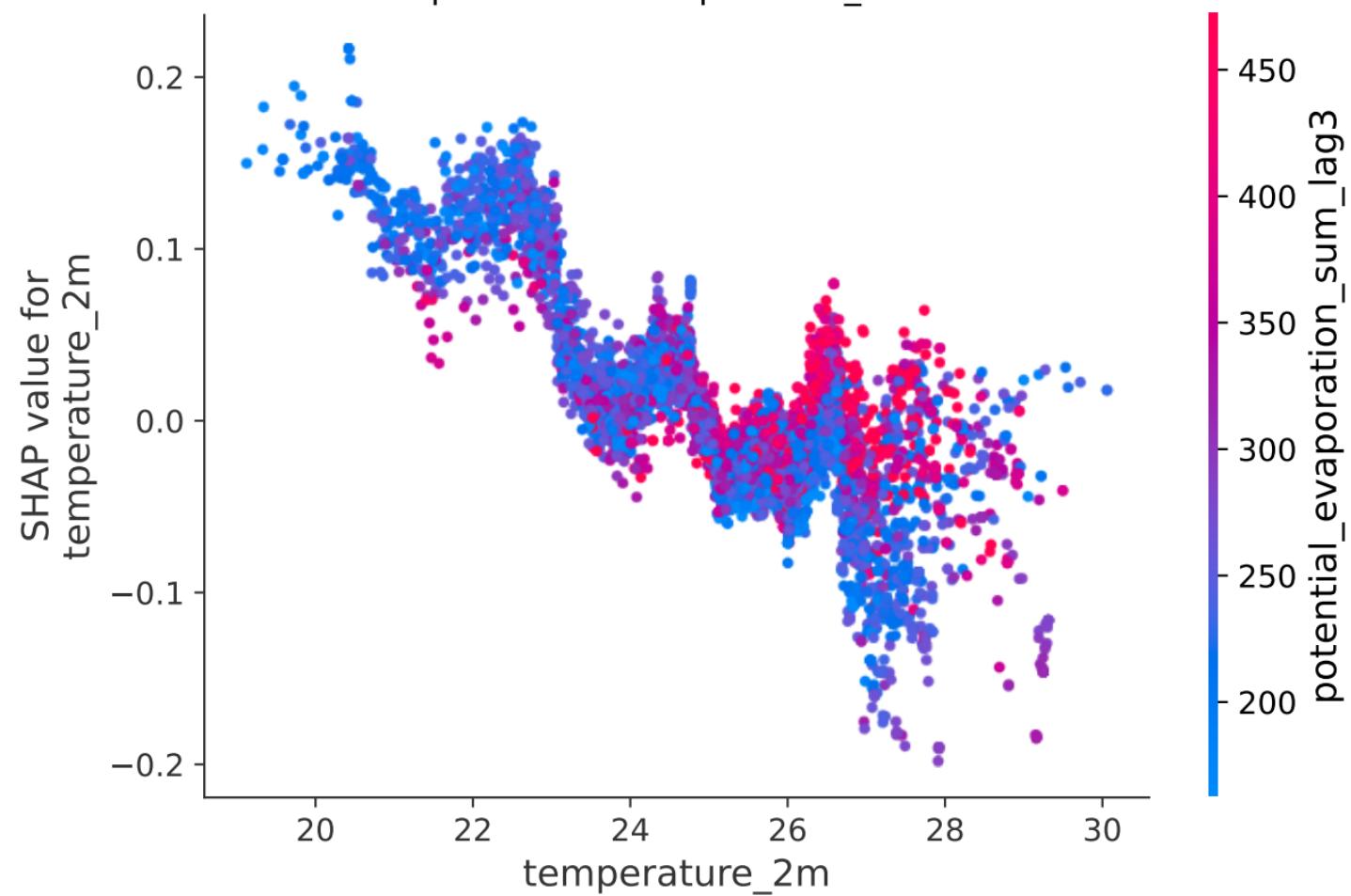


# SHAP Dependence - DMI\_East\_lag3 - Class 2

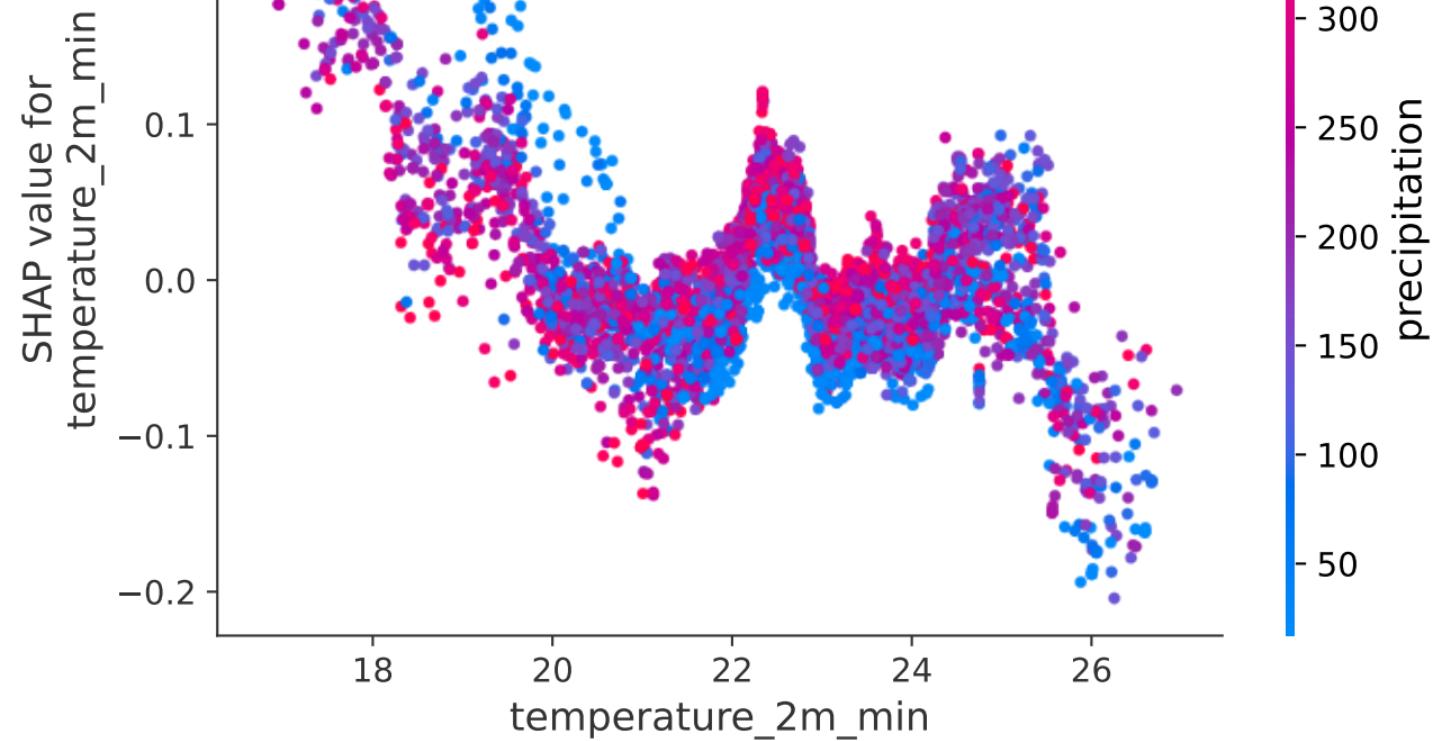




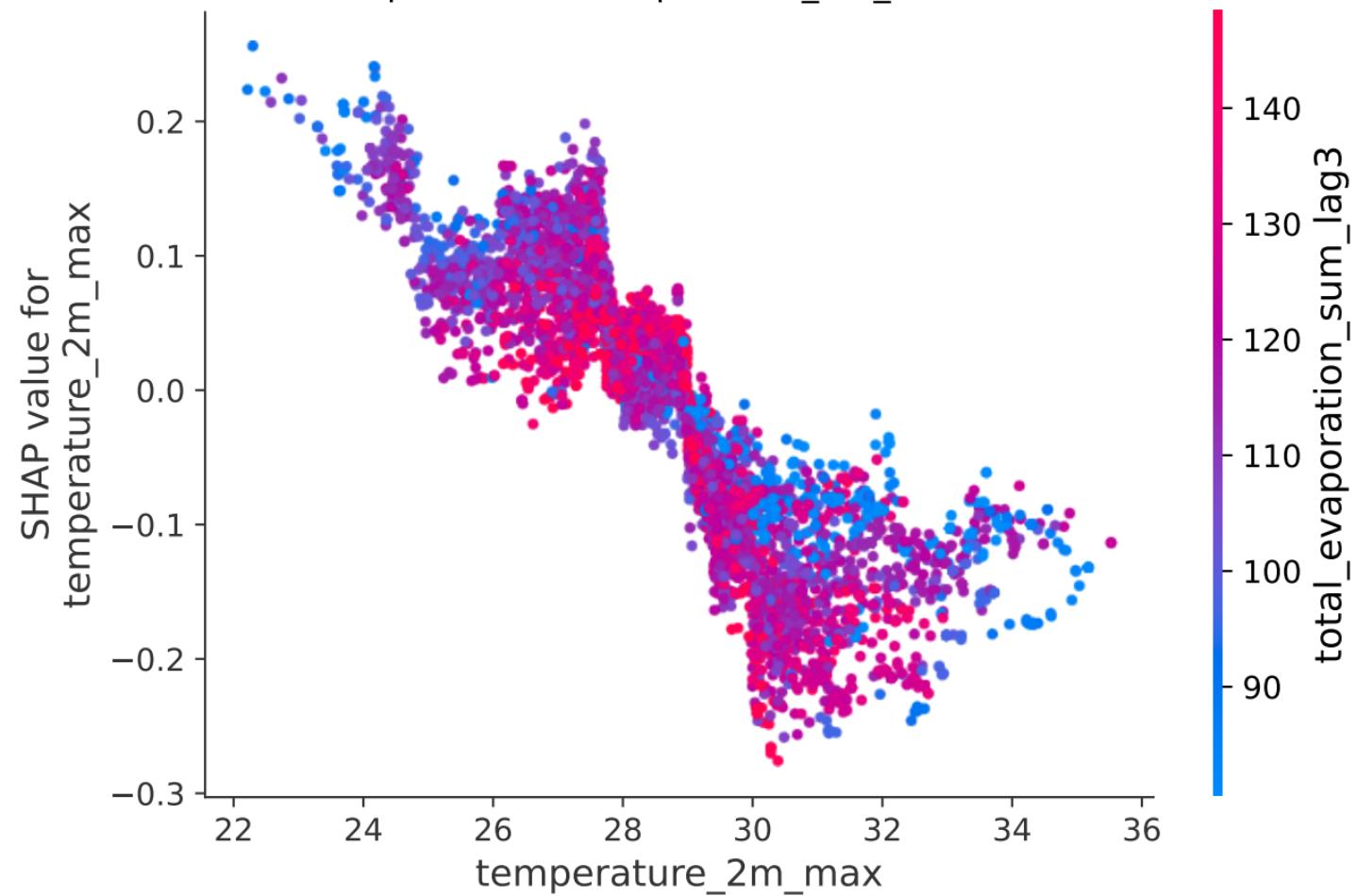
### SHAP Dependence - temperature\_2m - Class 3



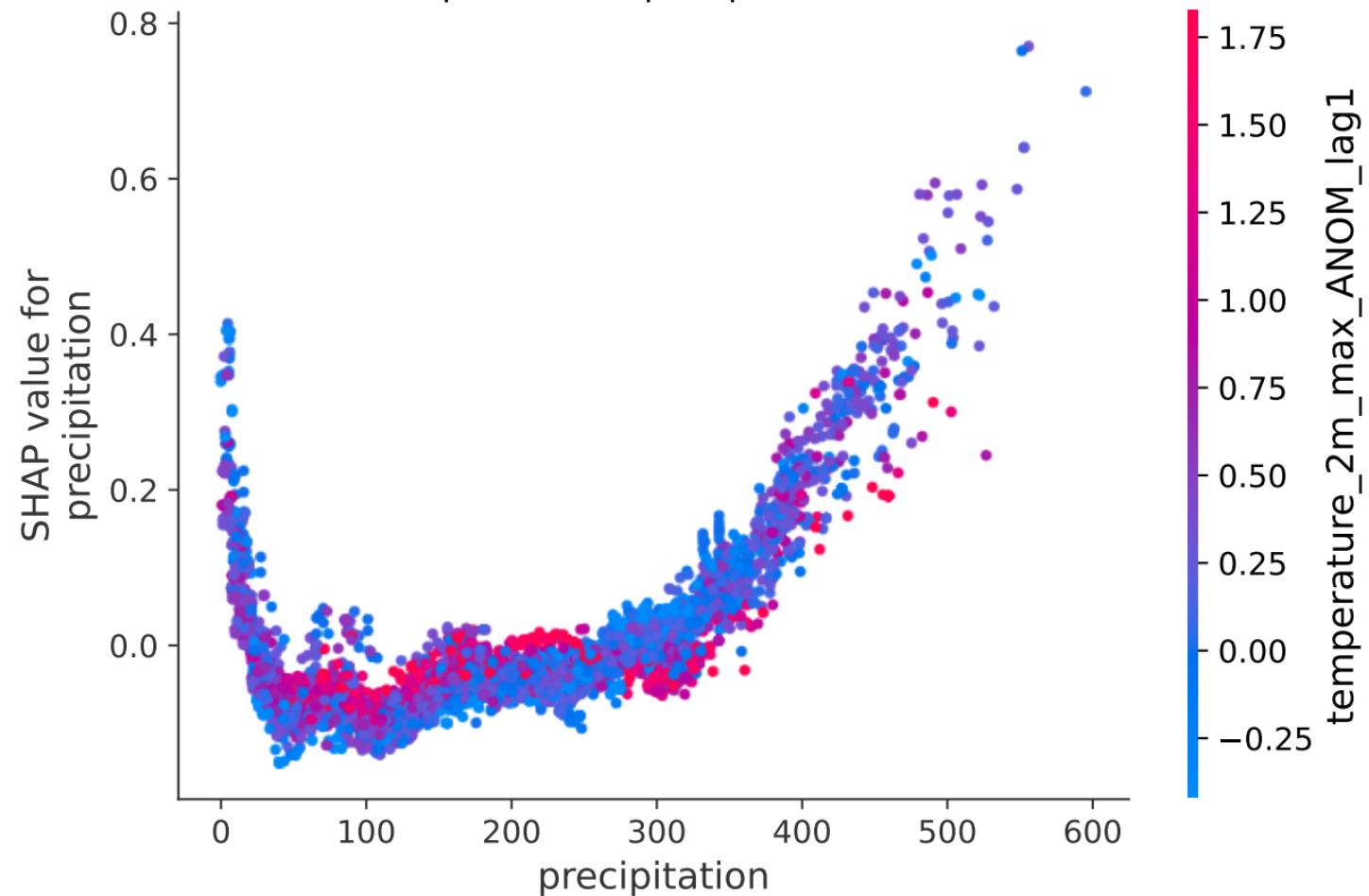
# SHAP Dependence - temperature\_2m\_min - Class 3



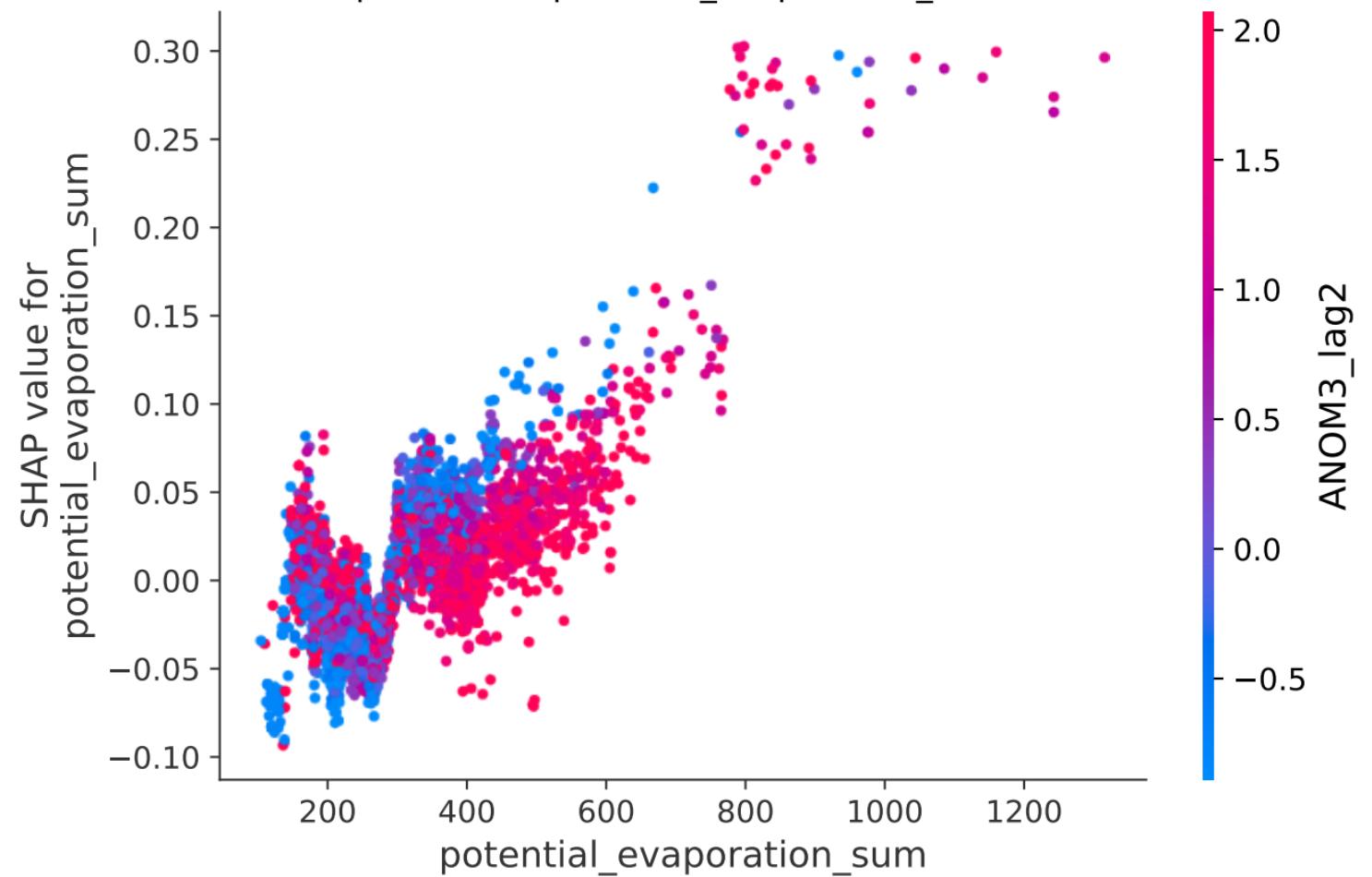
# SHAP Dependence - temperature\_2m\_max - Class 3



### SHAP Dependence - precipitation - Class 3

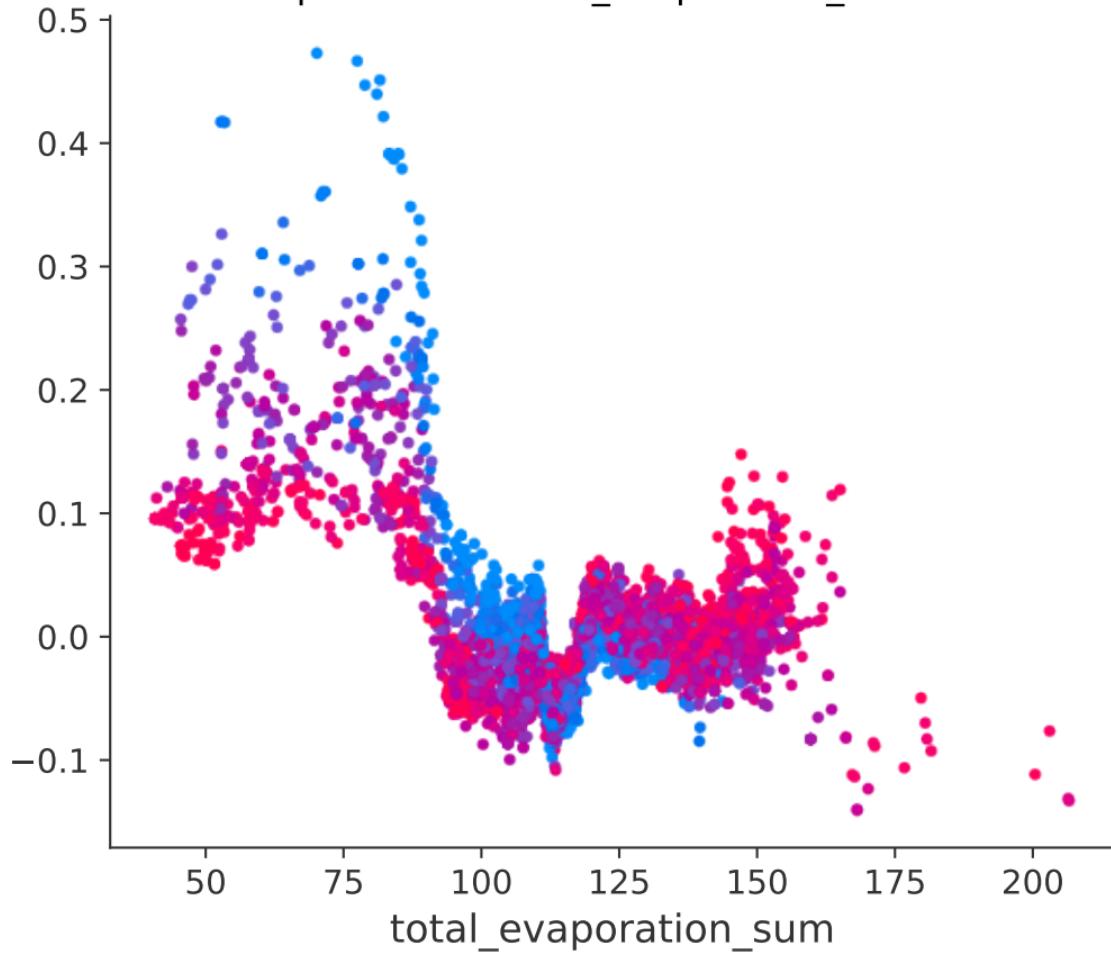


# SHAP Dependence - potential\_evaporation\_sum - Class 3



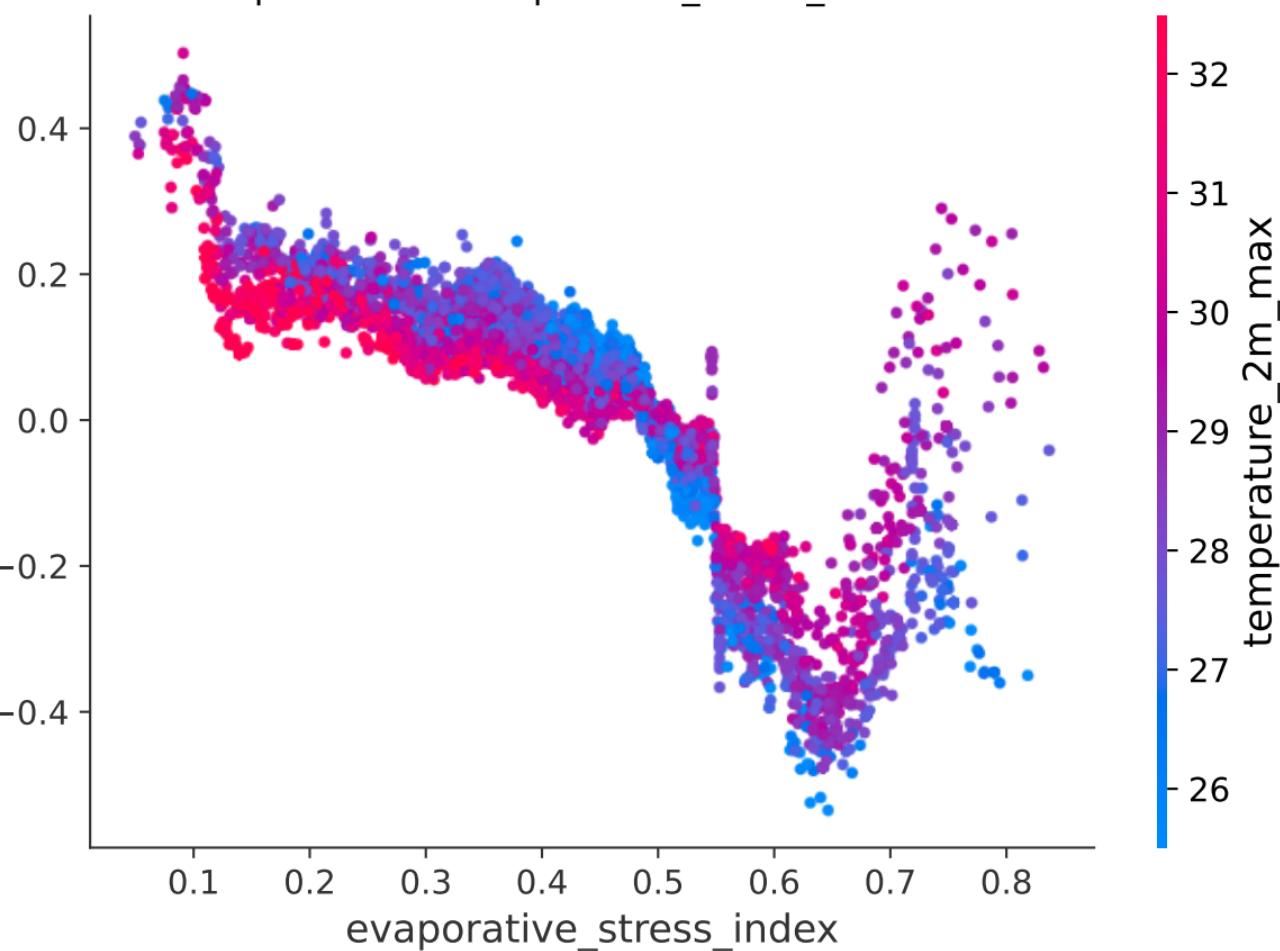
# SHAP Dependence - total\_evaporation\_sum - Class 3

SHAP value for  
total\_evaporation\_sum

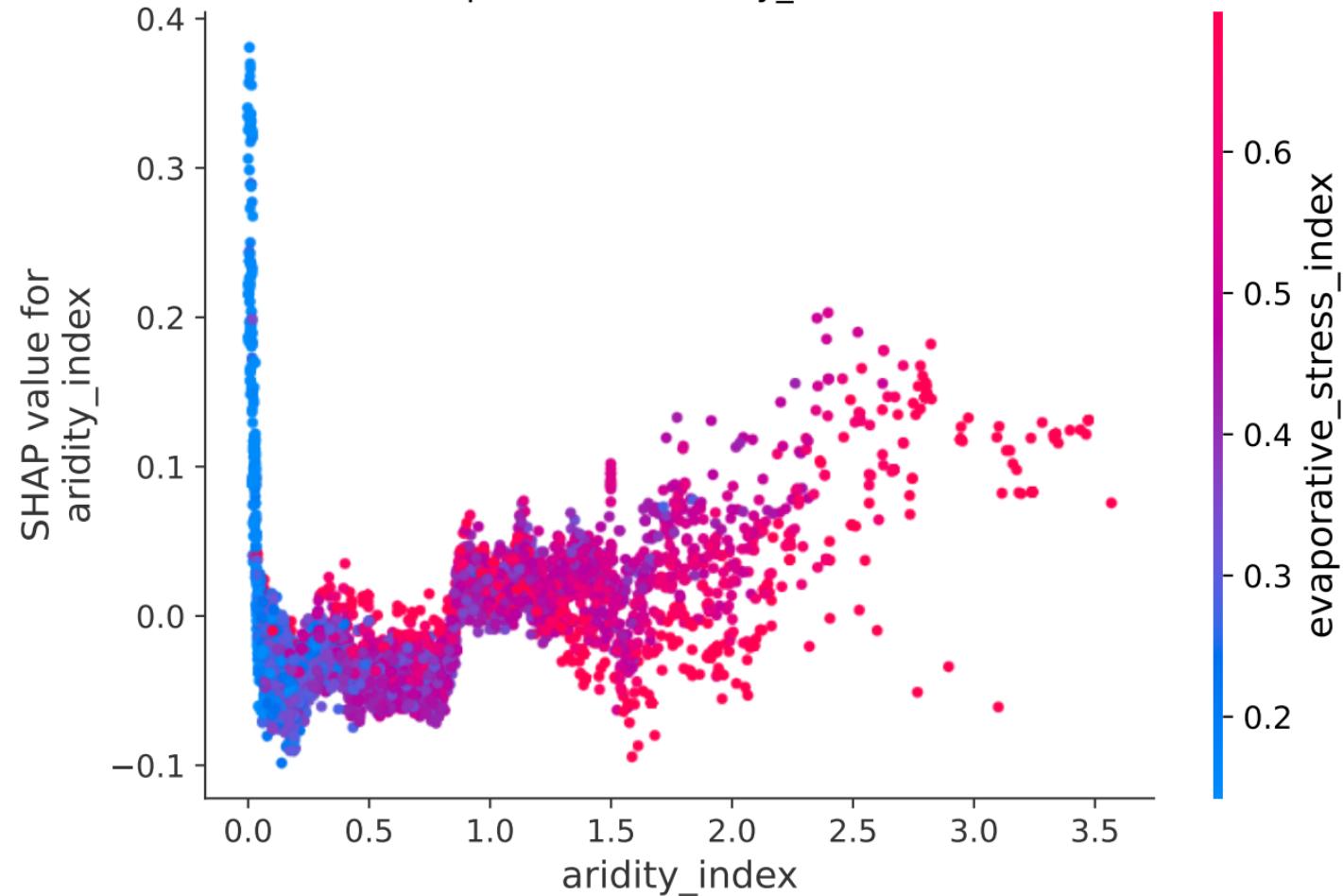


# SHAP Dependence - evaporative\_stress\_index - Class 3

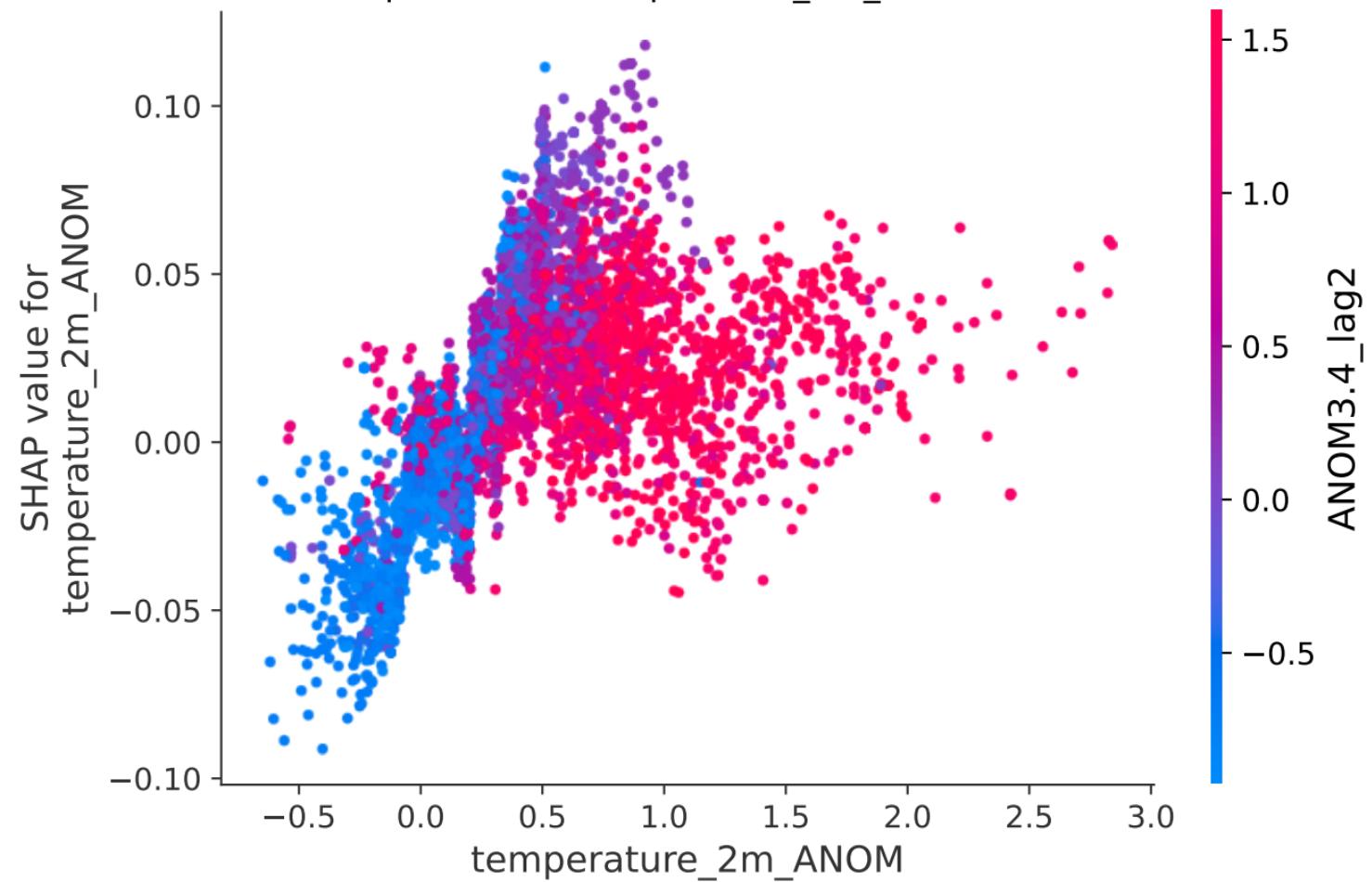
SHAP value for  
evaporative\_stress\_index



### SHAP Dependence - aridity\_index - Class 3

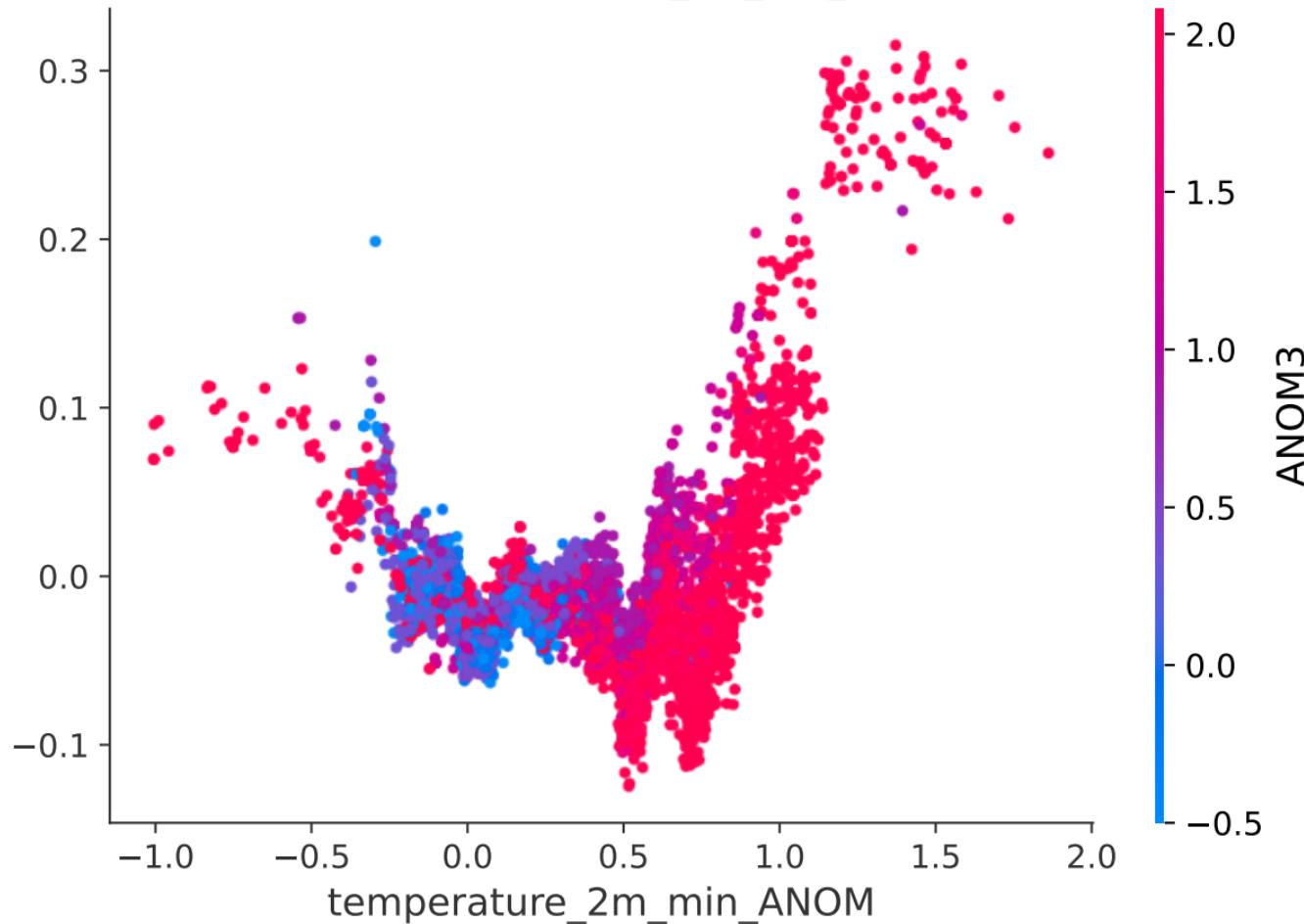


# SHAP Dependence - temperature\_2m\_ANOM - Class 3

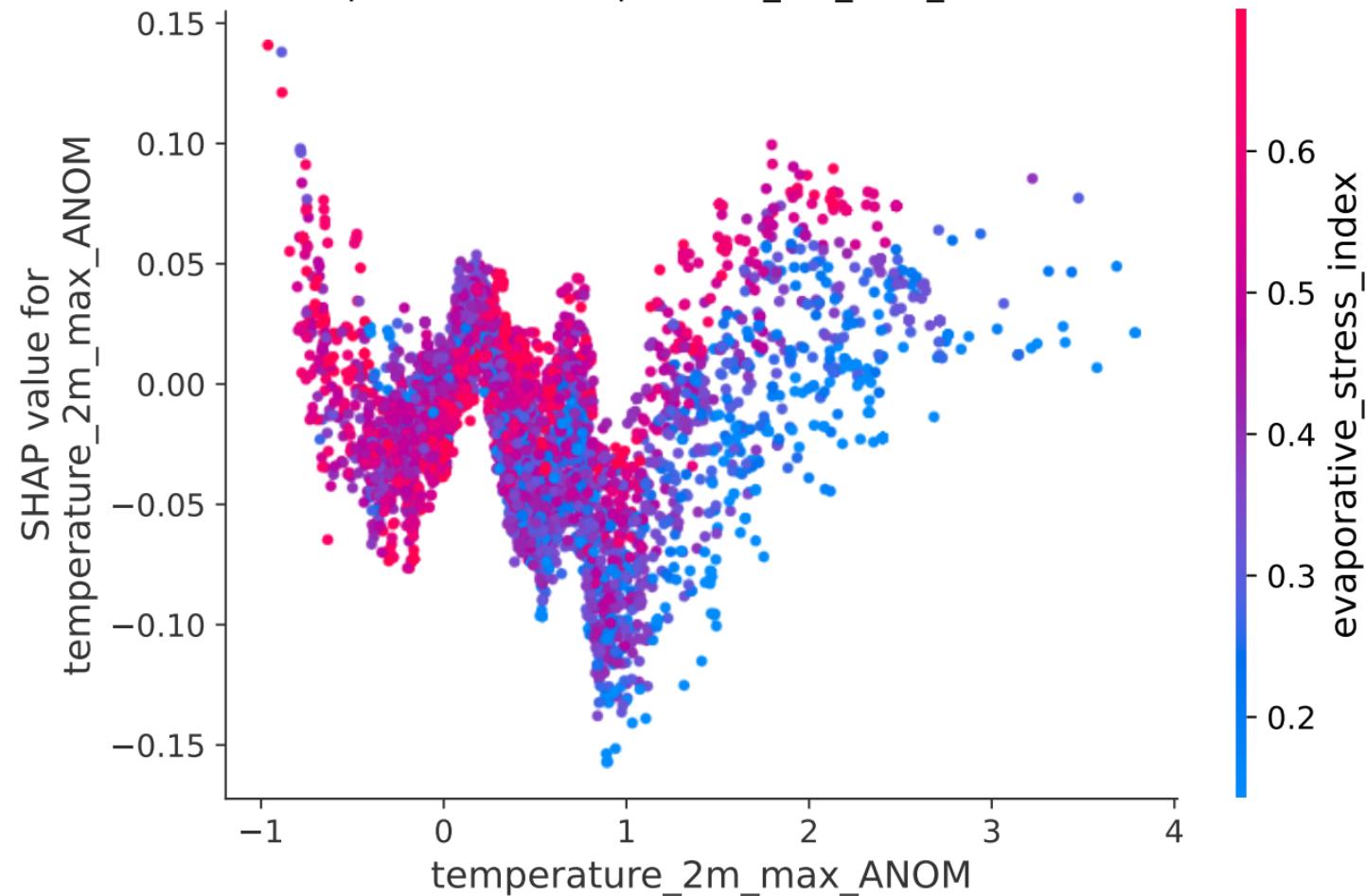


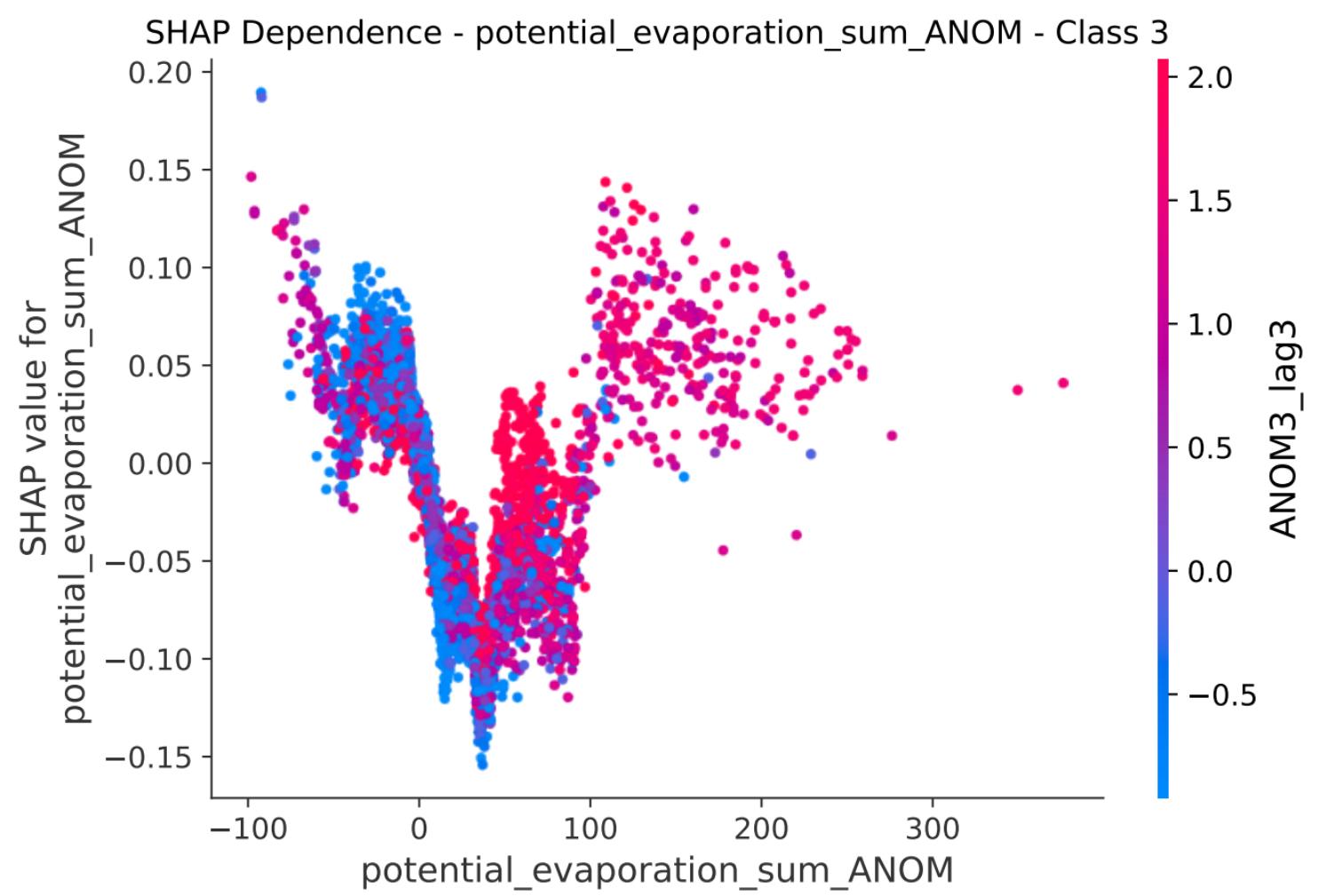
# SHAP Dependence - temperature\_2m\_min\_ANOM - Class 3

SHAP value for  
temperature\_2m\_min\_ANOM

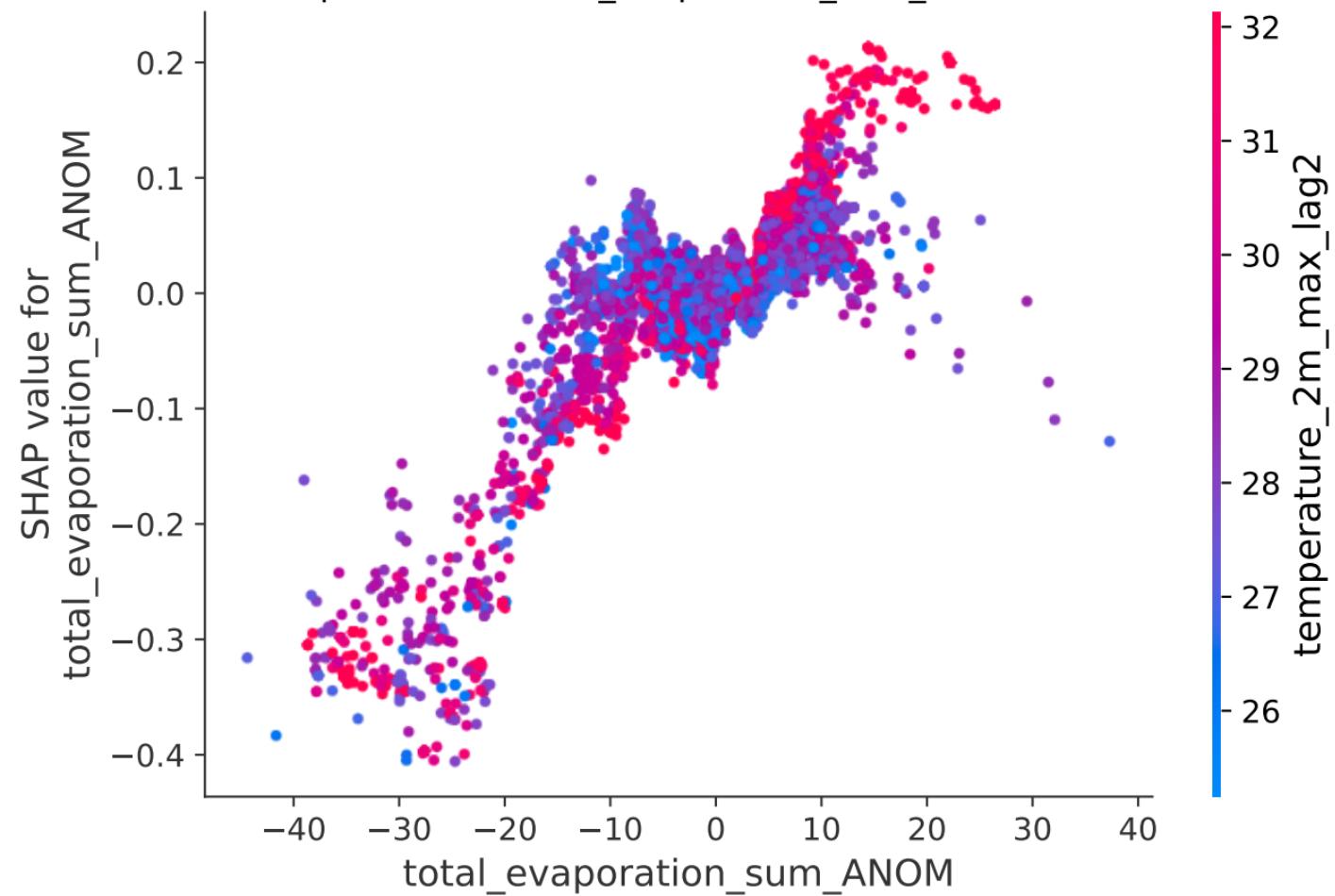


# SHAP Dependence - temperature\_2m\_max\_ANOM - Class 3

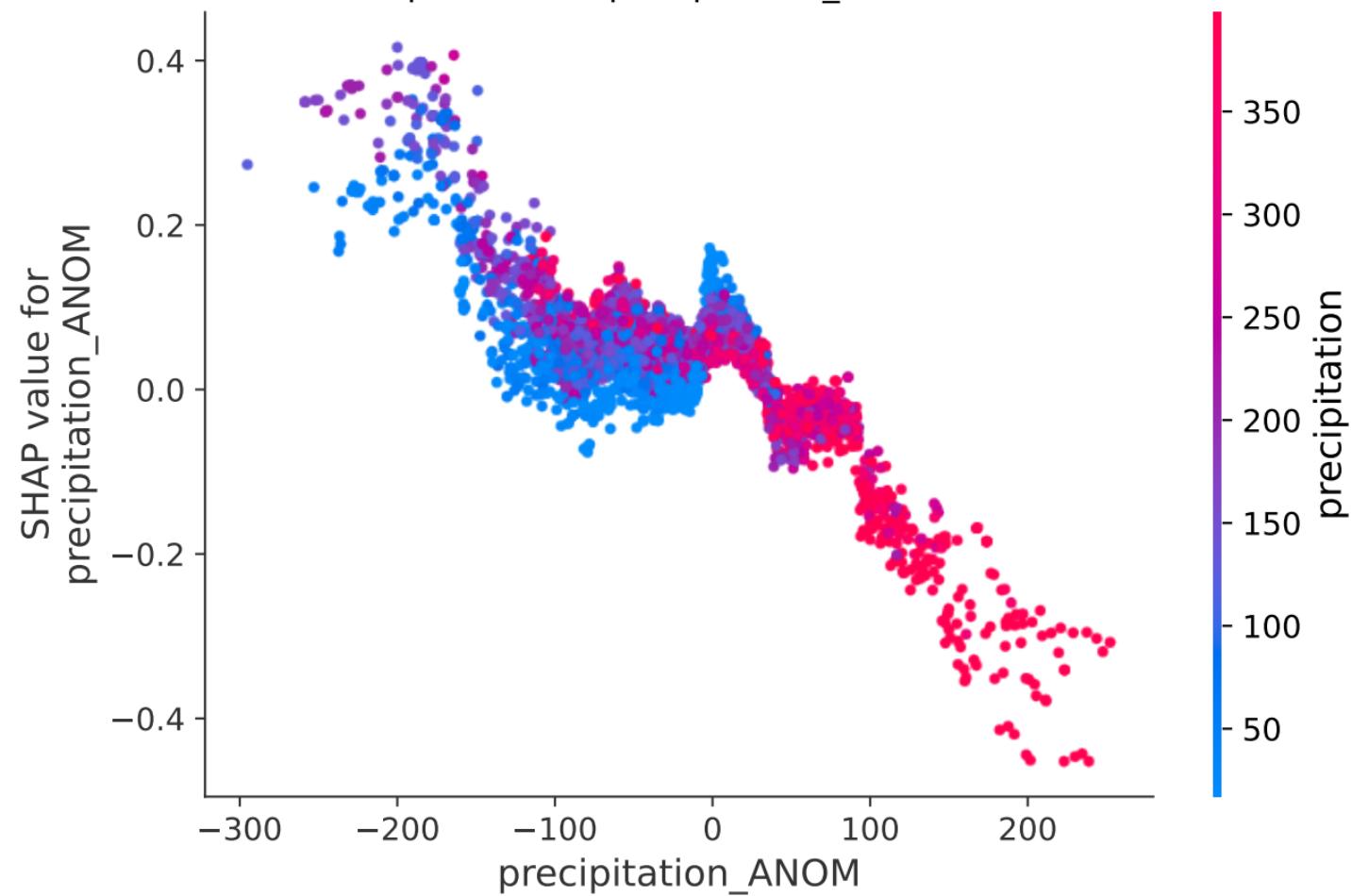




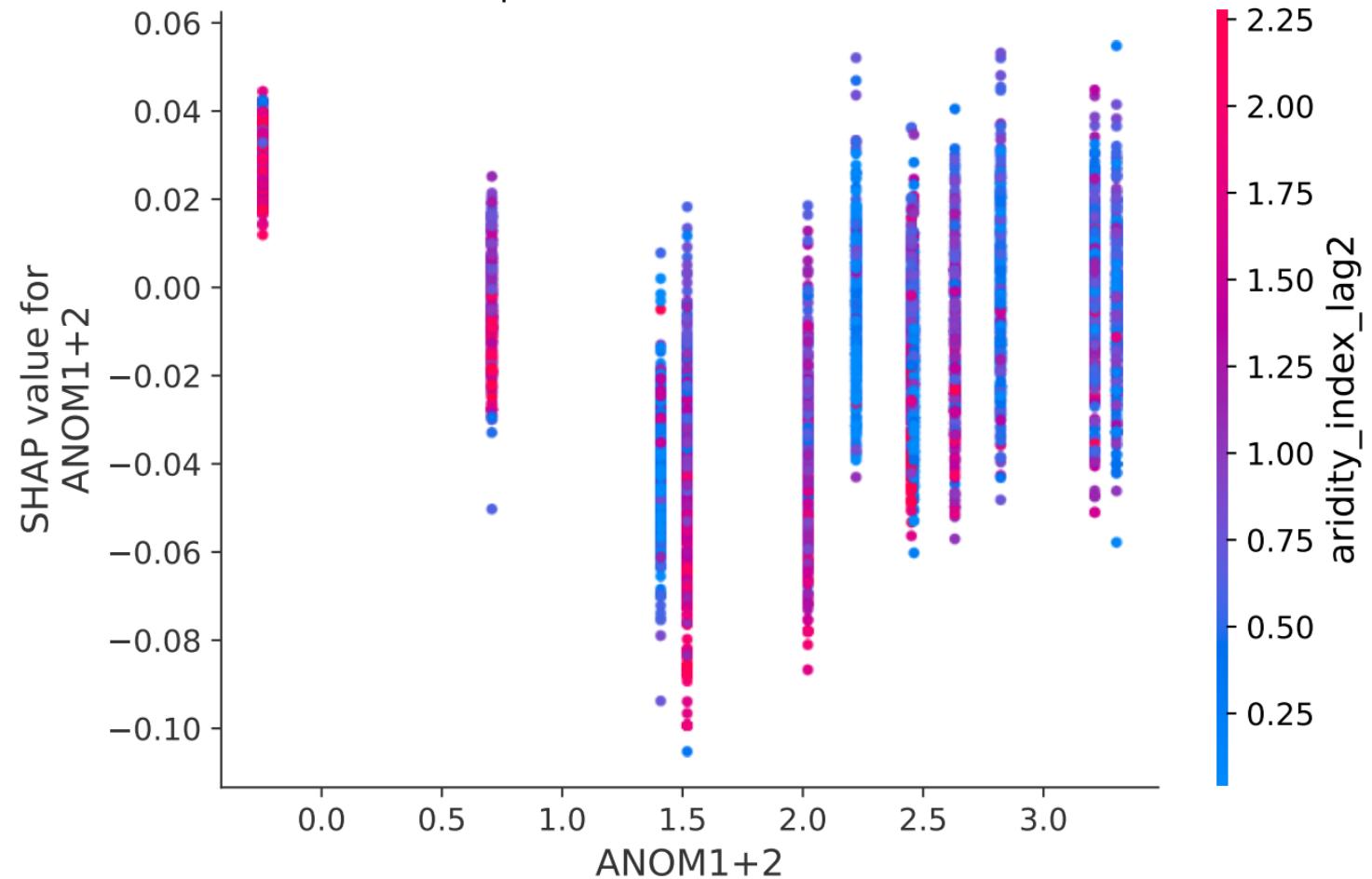
# SHAP Dependence - total\_evaporation\_sum\_ANOM - Class 3



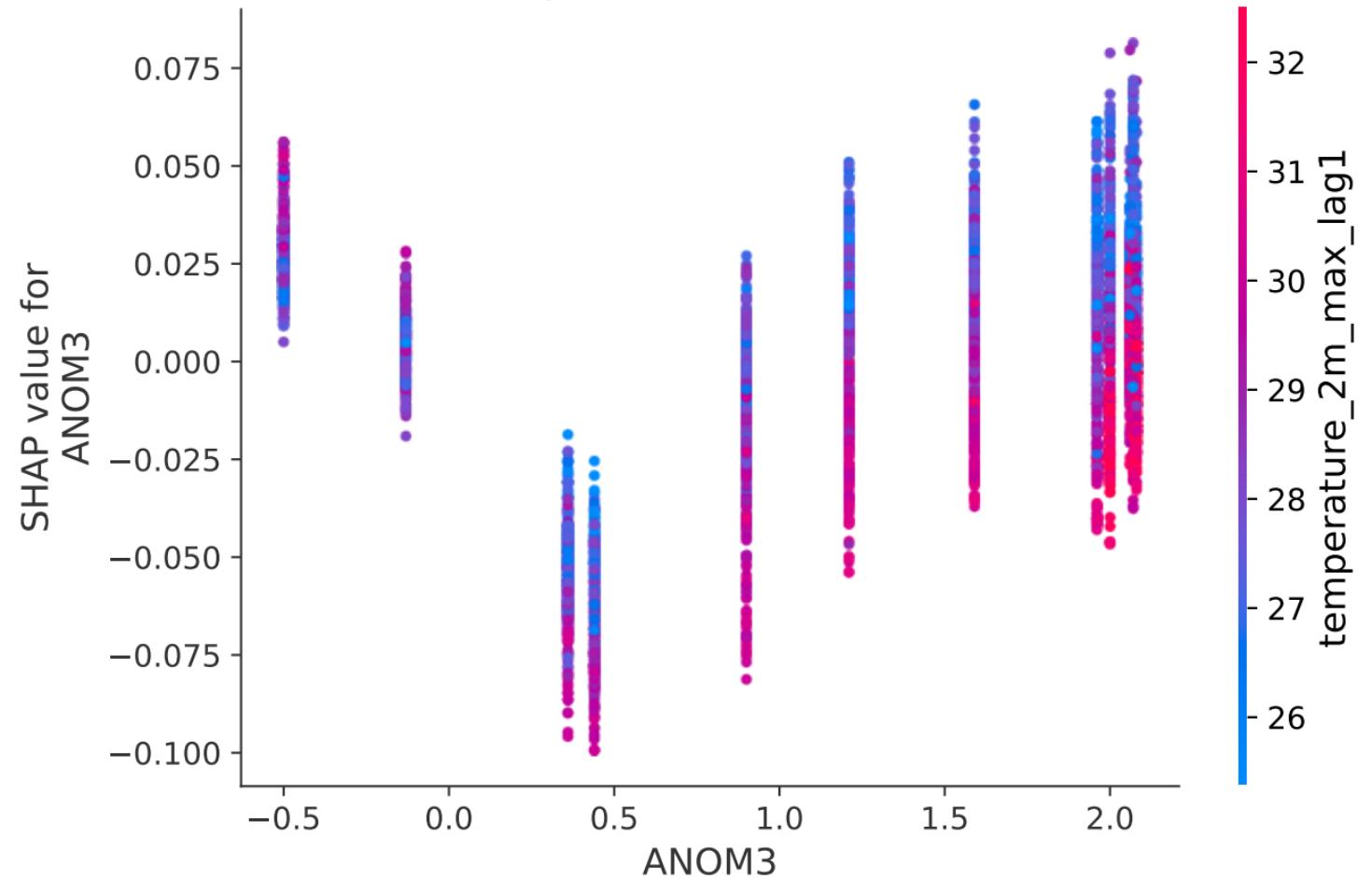
# SHAP Dependence - precipitation\_ANOM - Class 3



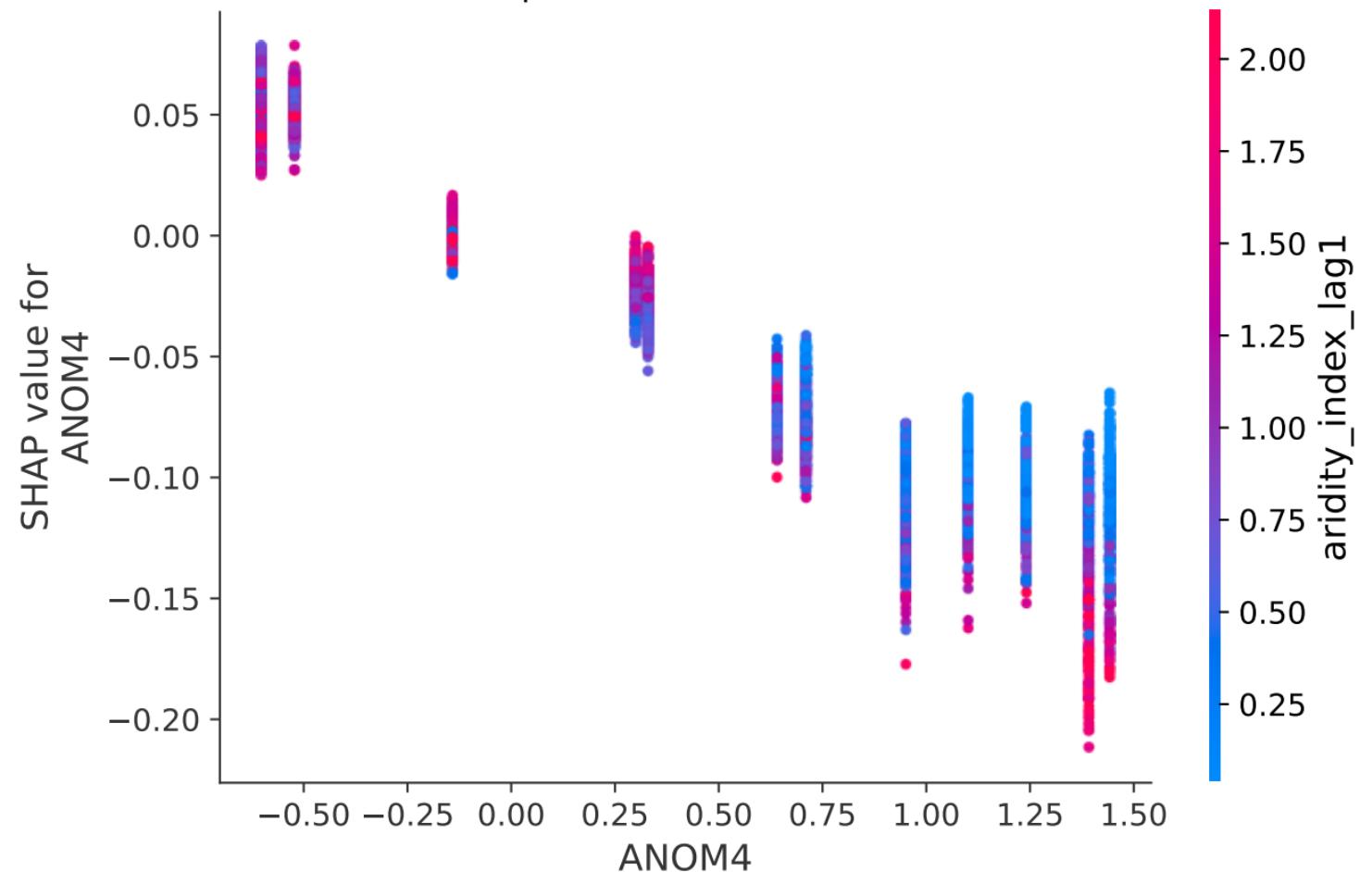
# SHAP Dependence - ANOM1+2 - Class 3



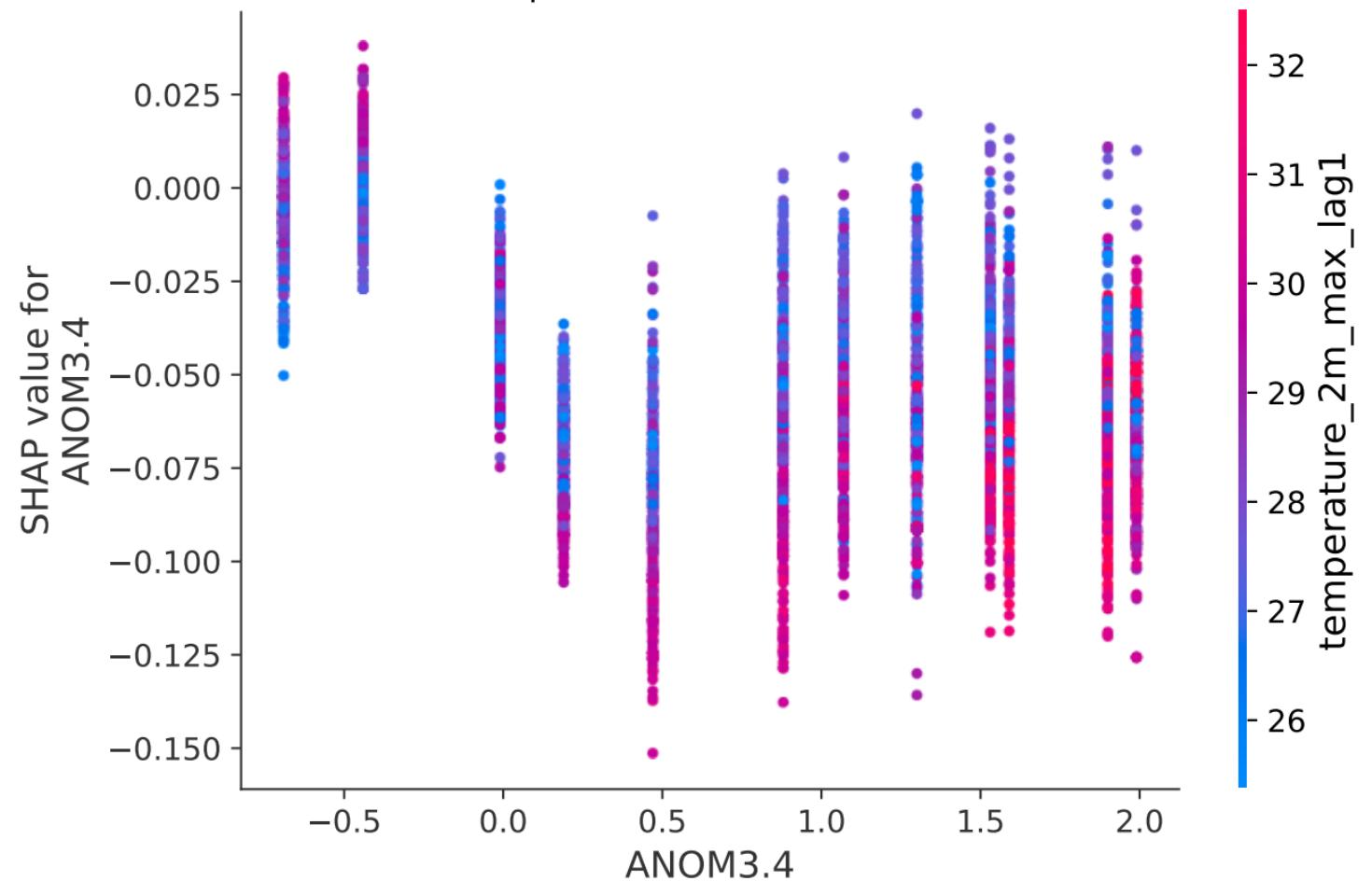
# SHAP Dependence - ANOM3 - Class 3



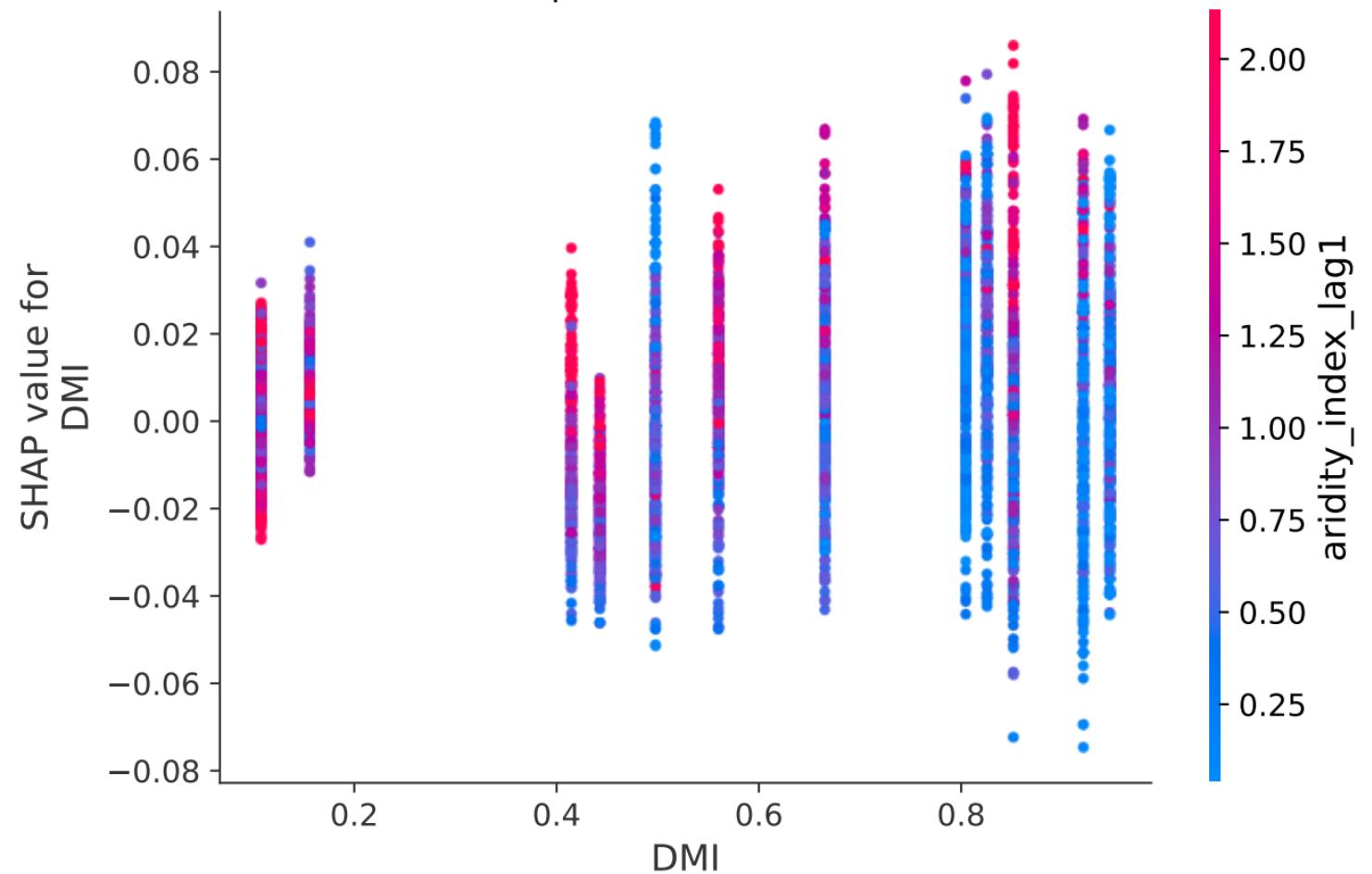
# SHAP Dependence - ANOM4 - Class 3



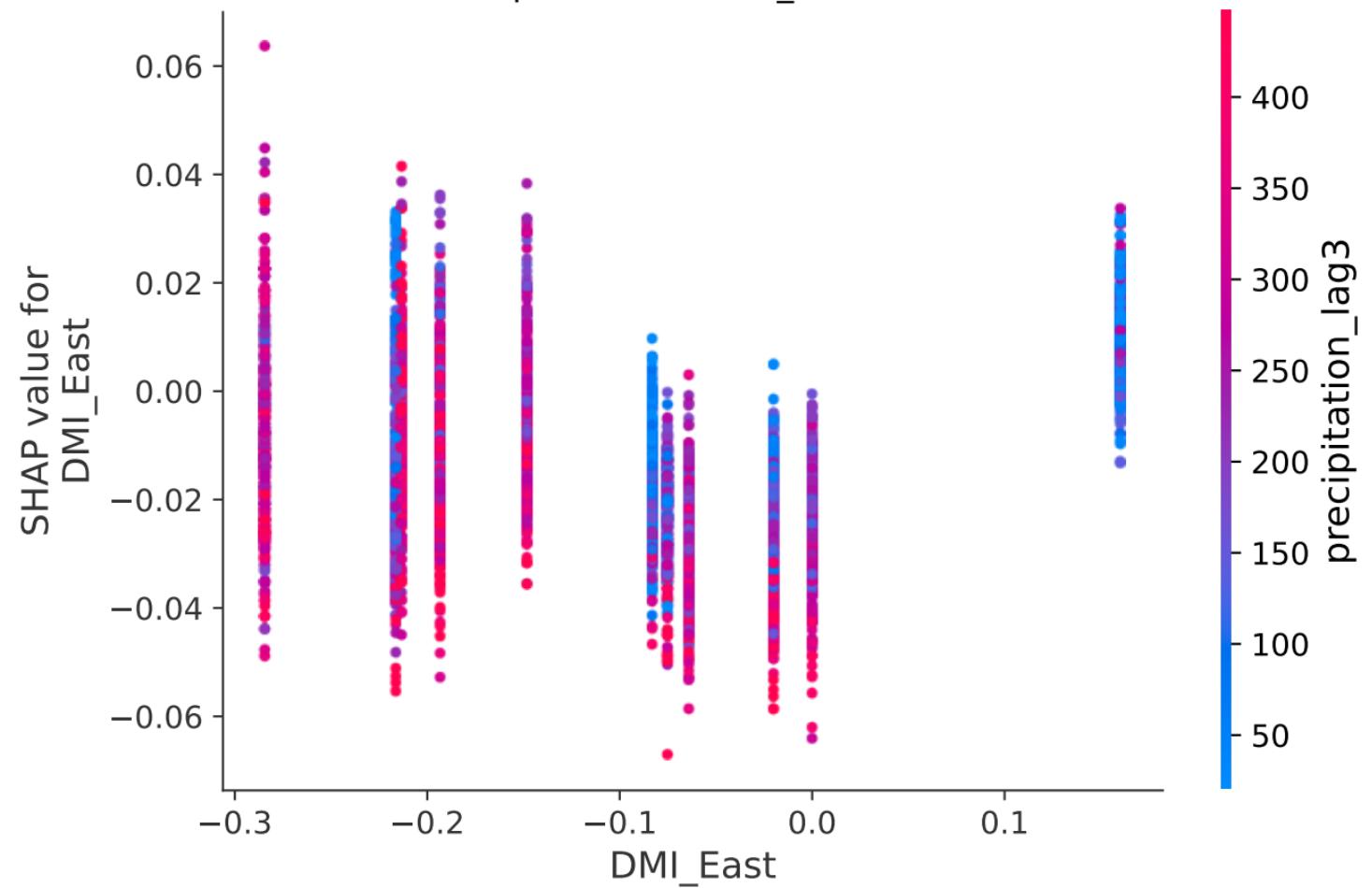
# SHAP Dependence - ANOM3.4 - Class 3



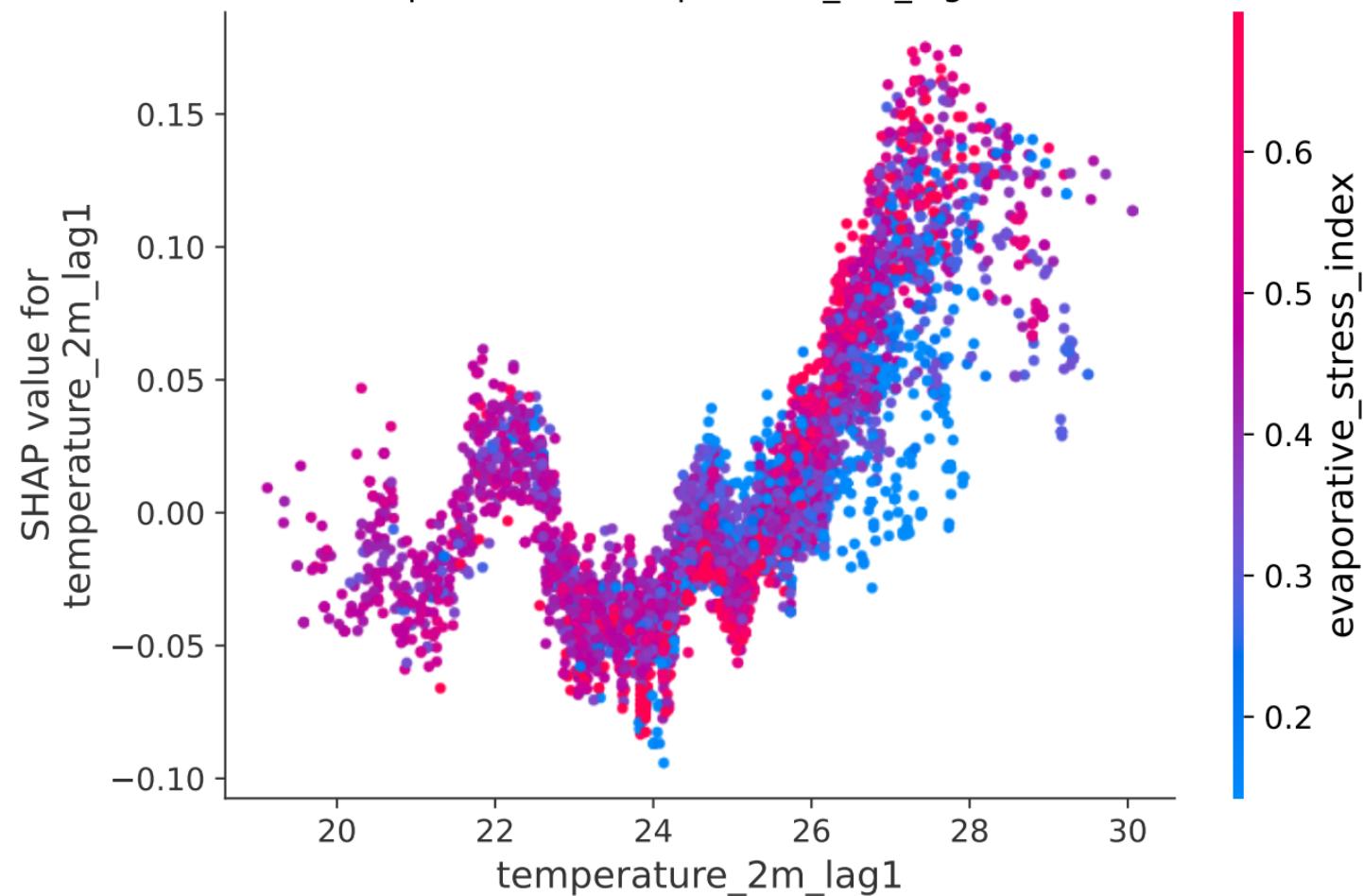
# SHAP Dependence - DMI - Class 3



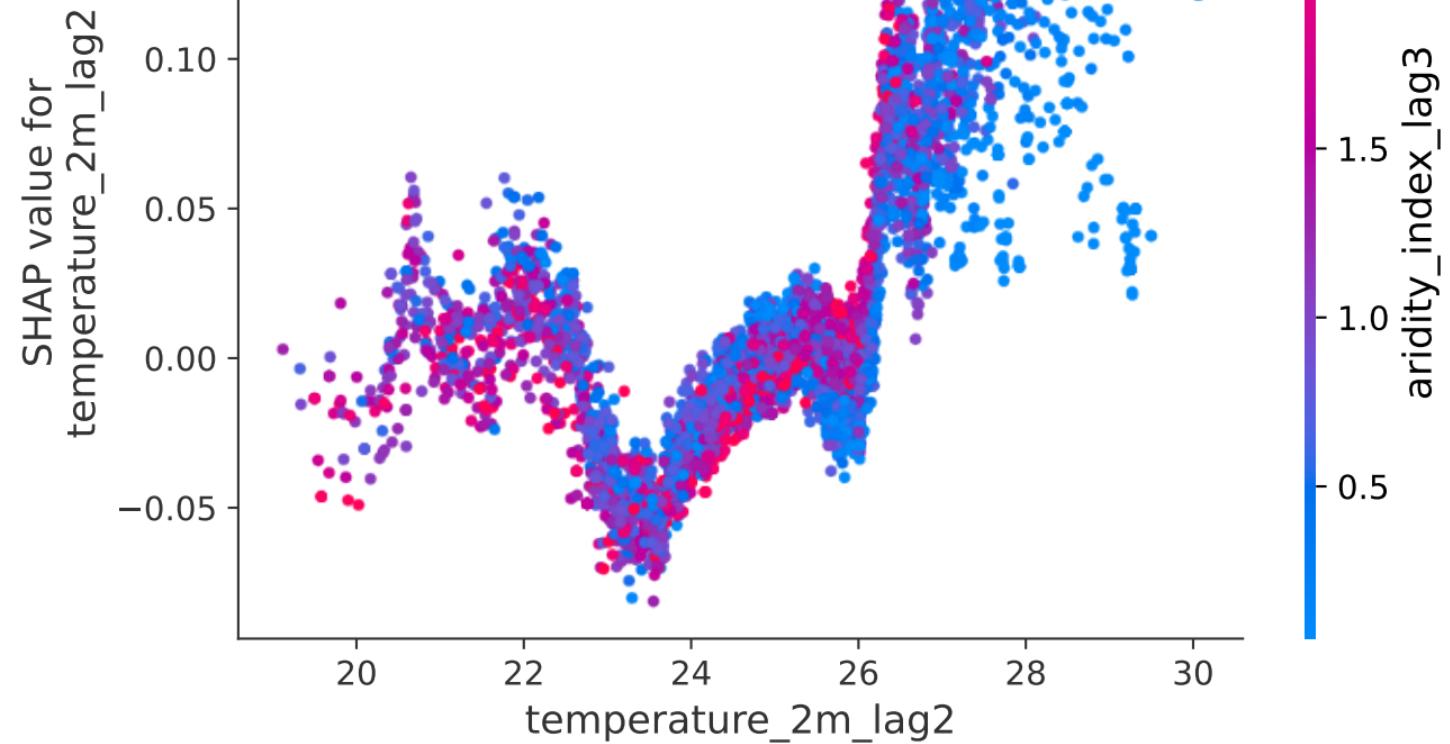
# SHAP Dependence - DMI\_East - Class 3



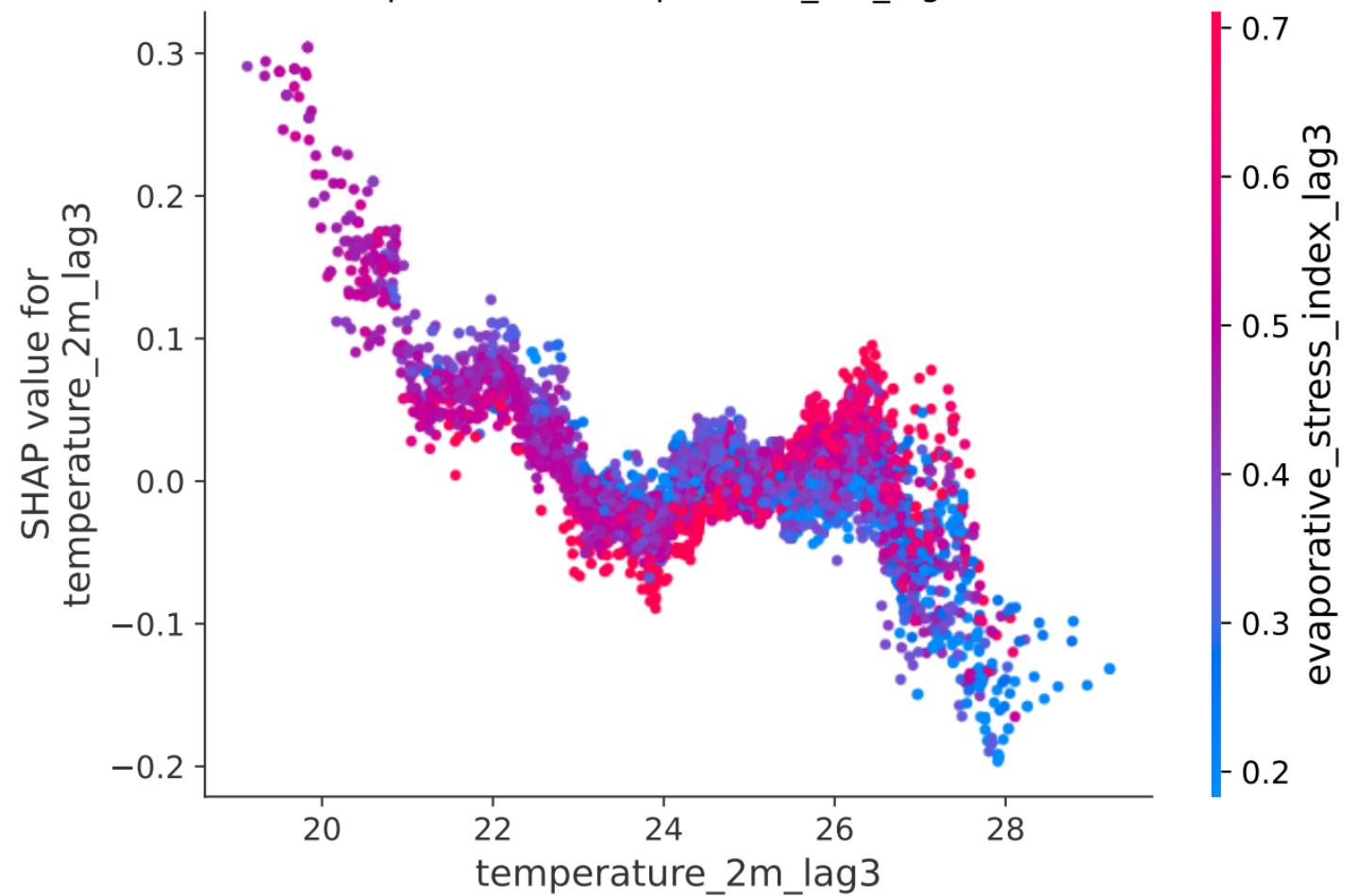
### SHAP Dependence - temperature\_2m\_lag1 - Class 3



# SHAP Dependence - temperature\_2m\_lag2 - Class 3

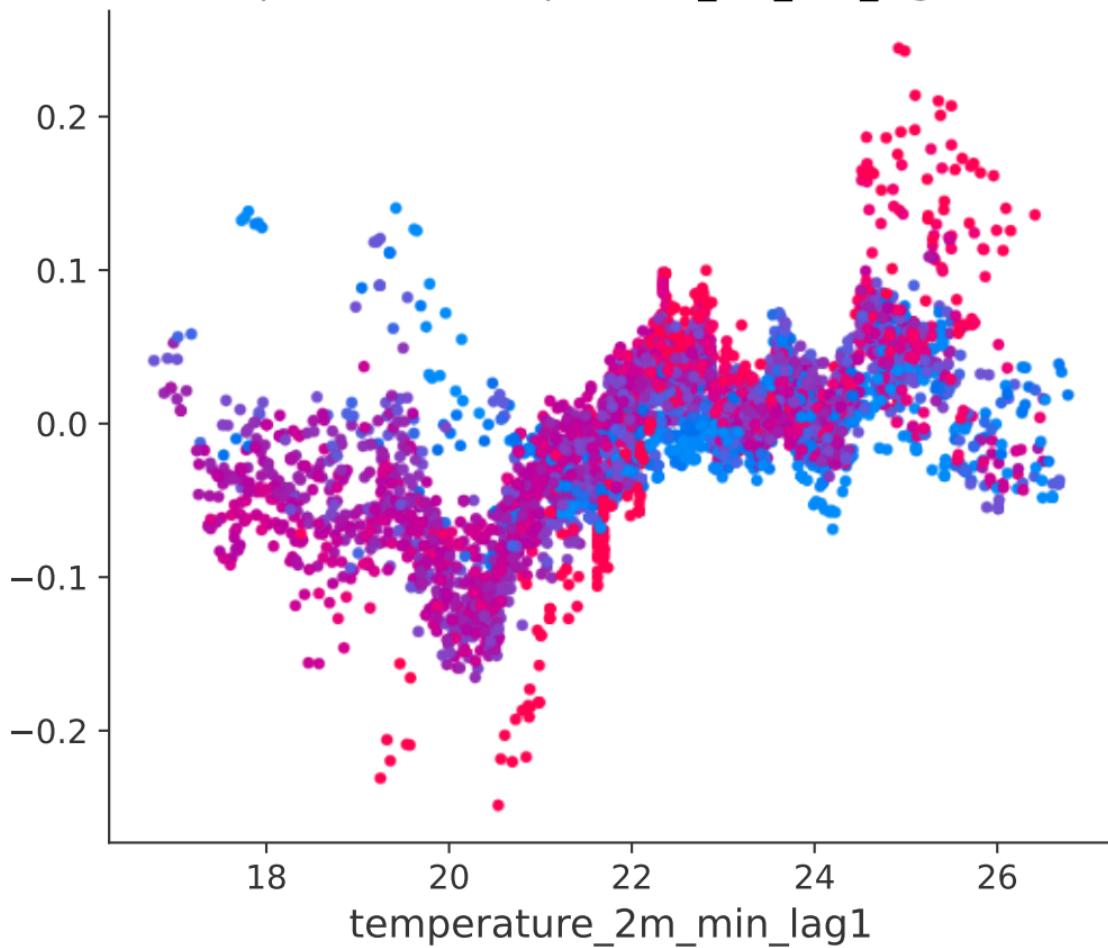


# SHAP Dependence - temperature\_2m\_lag3 - Class 3

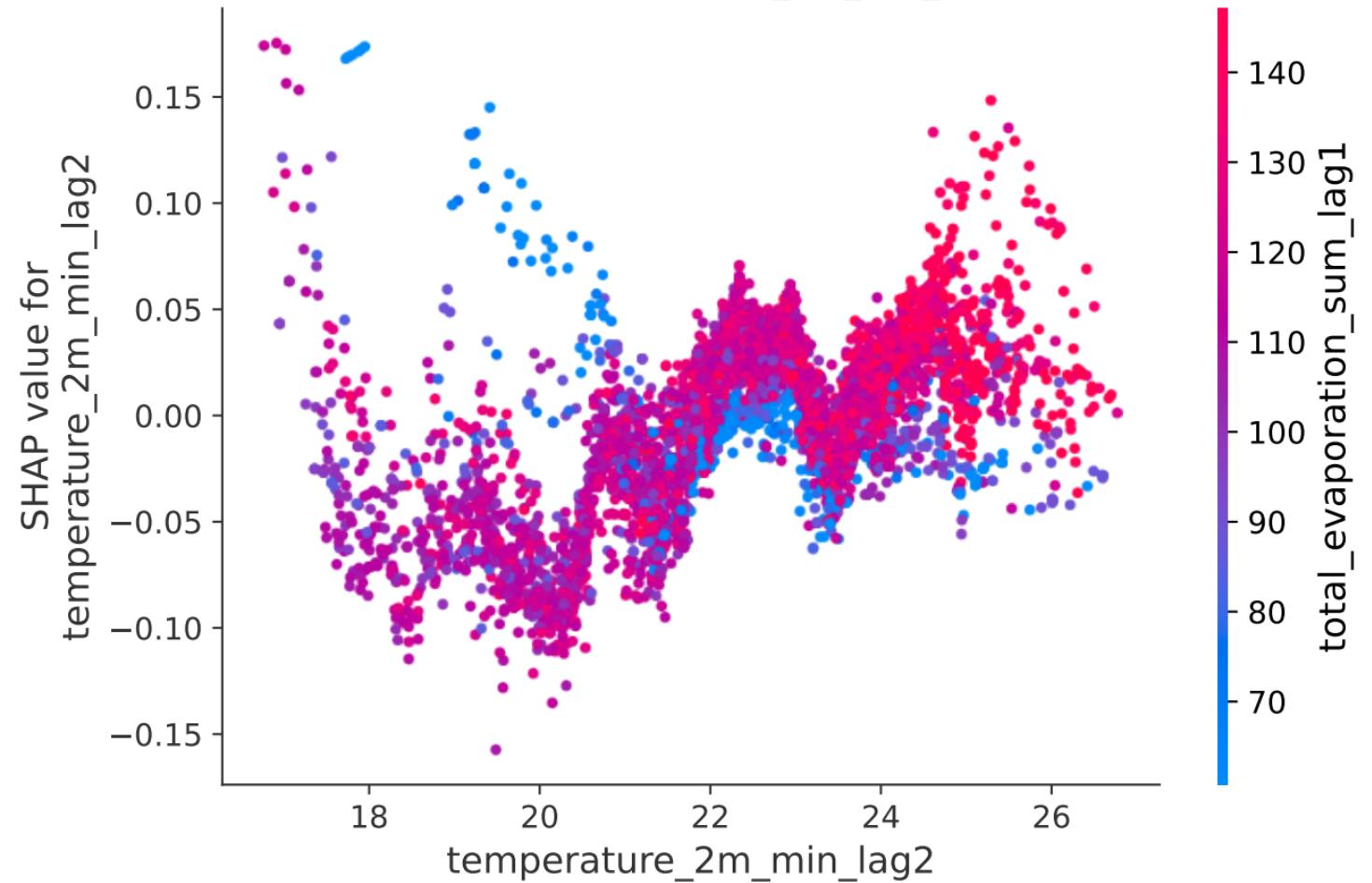


# SHAP Dependence - temperature\_2m\_min\_lag1 - Class 3

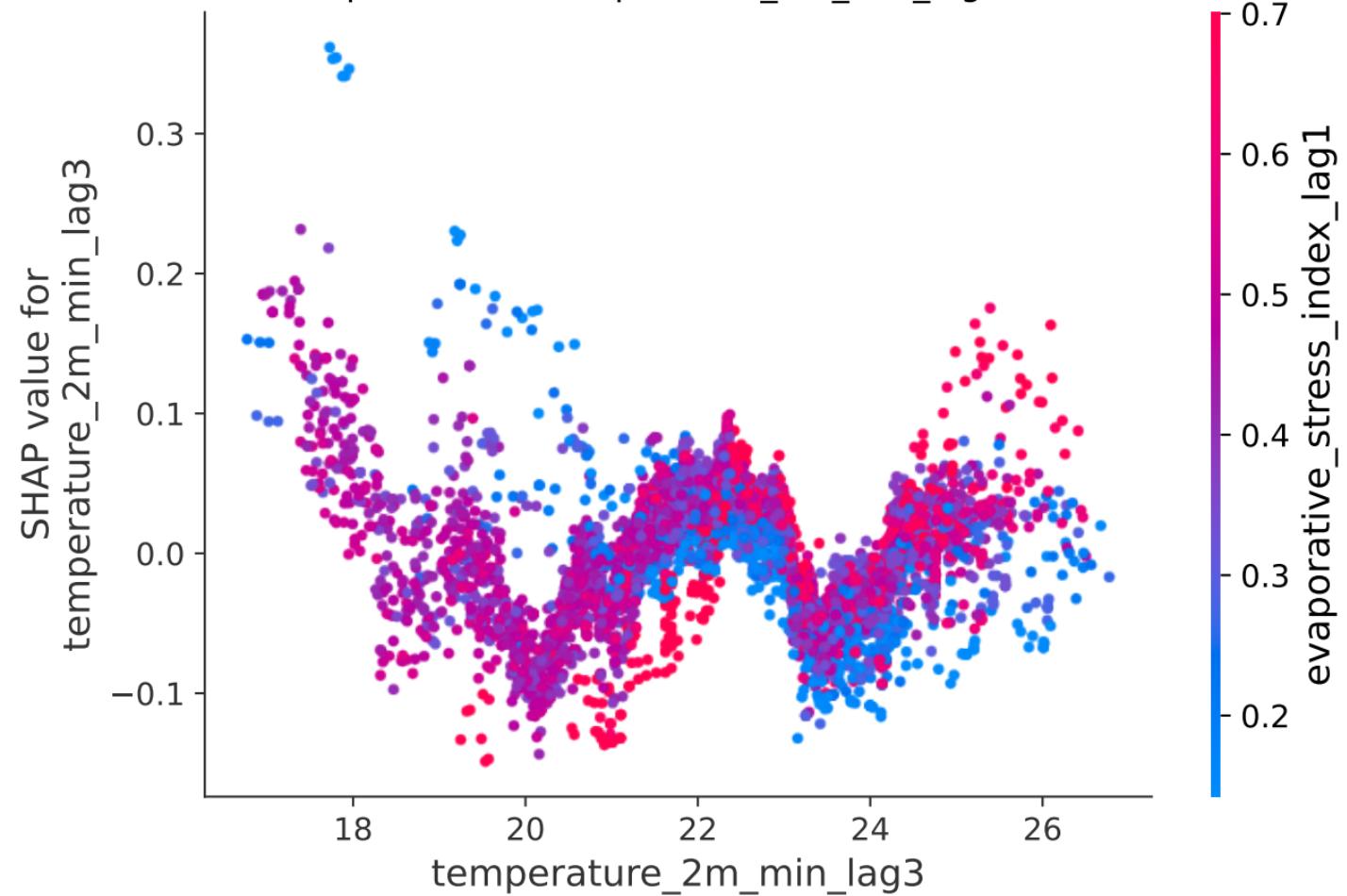
SHAP value for  
temperature\_2m\_min\_lag1



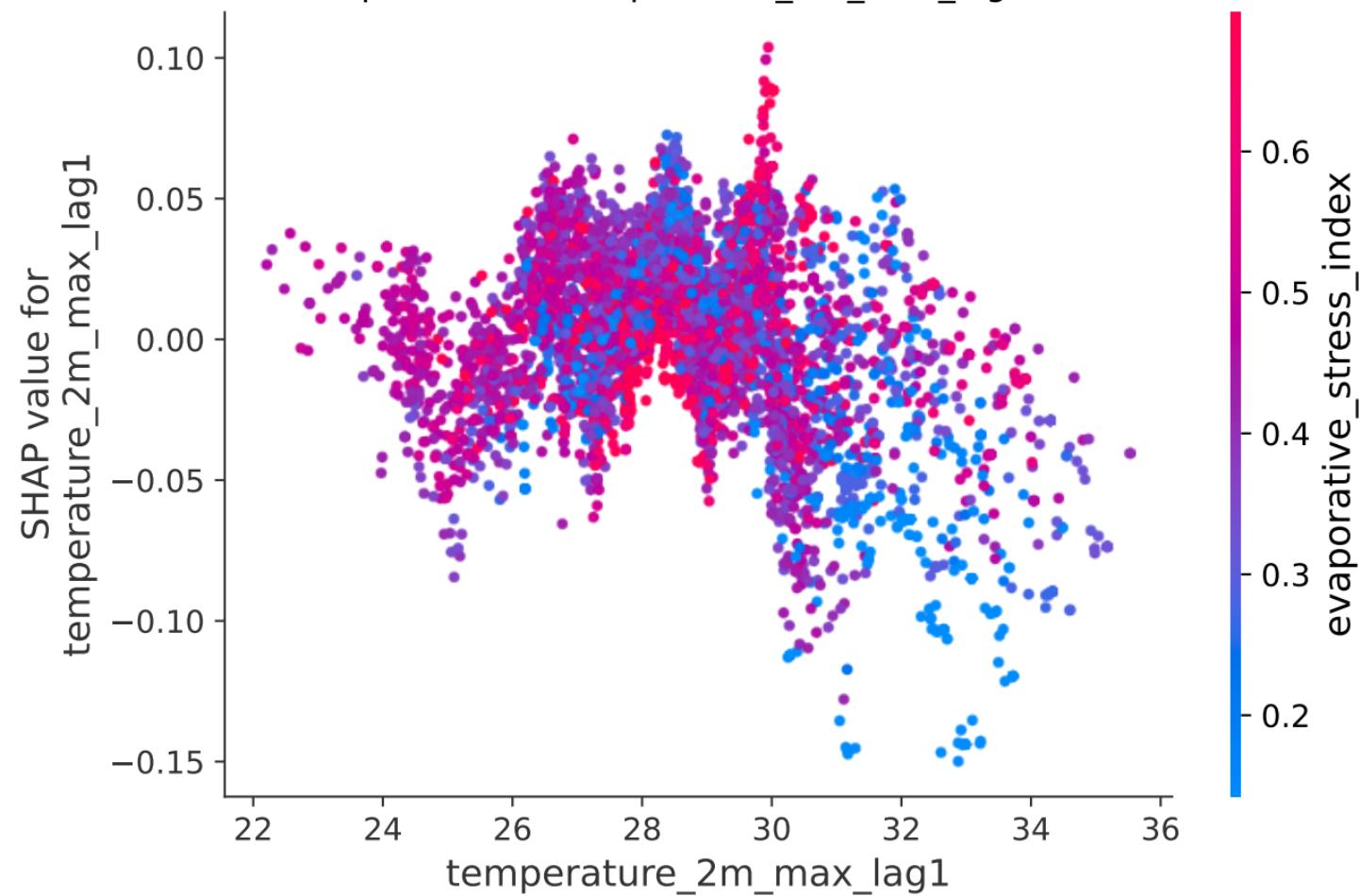
# SHAP Dependence - temperature\_2m\_min\_lag2 - Class 3



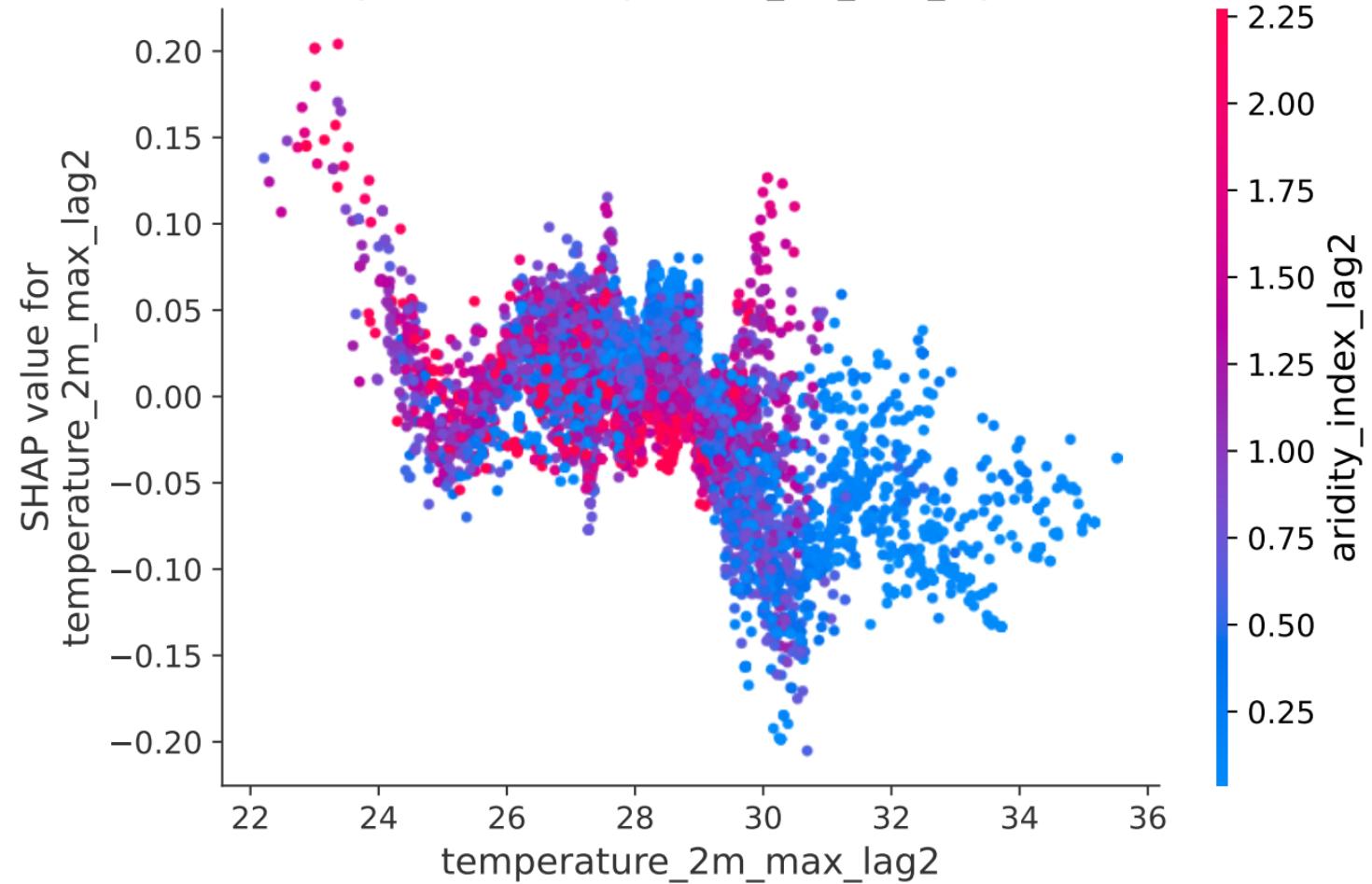
# SHAP Dependence - temperature\_2m\_min\_lag3 - Class 3



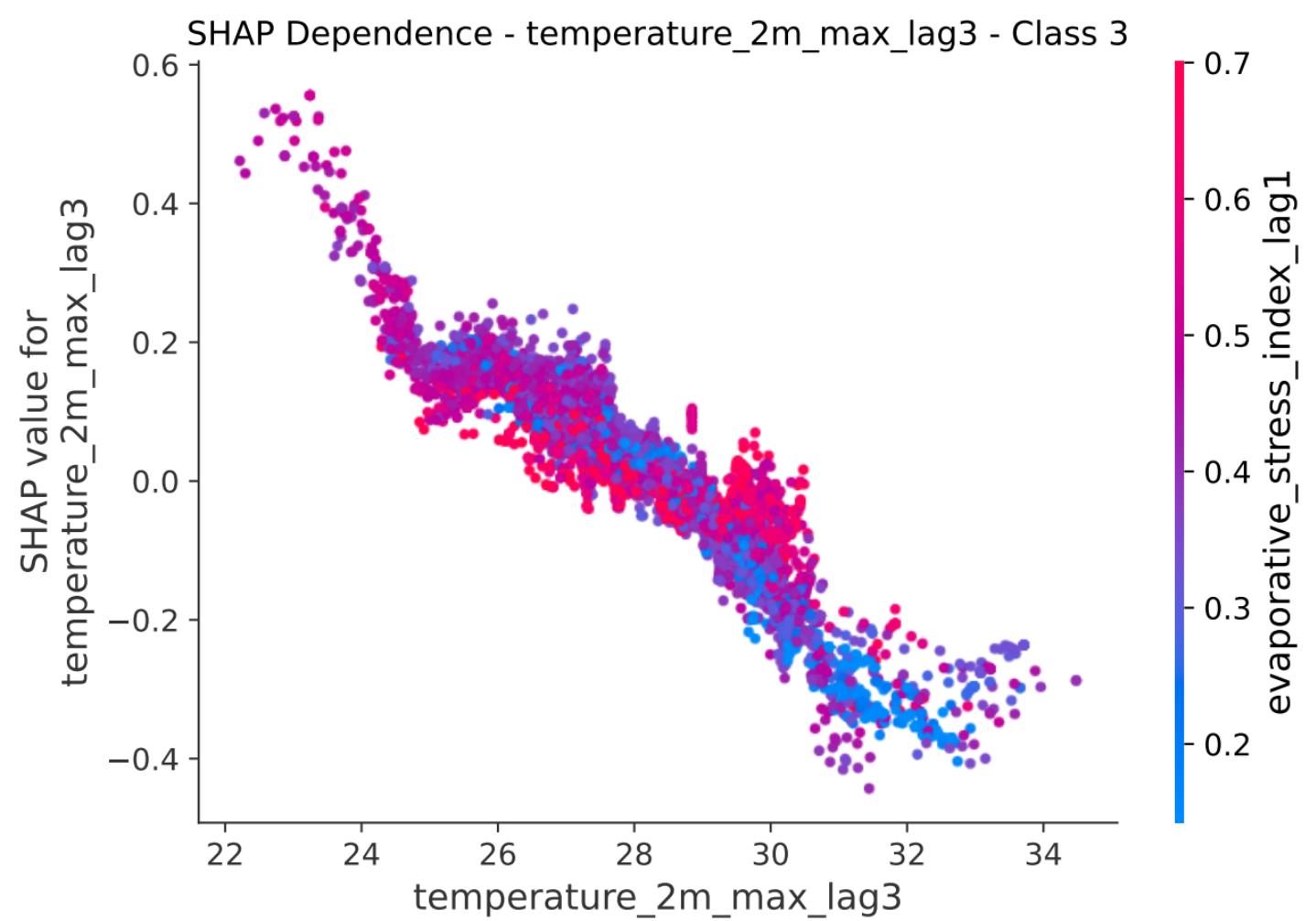
# SHAP Dependence - temperature\_2m\_max\_lag1 - Class 3



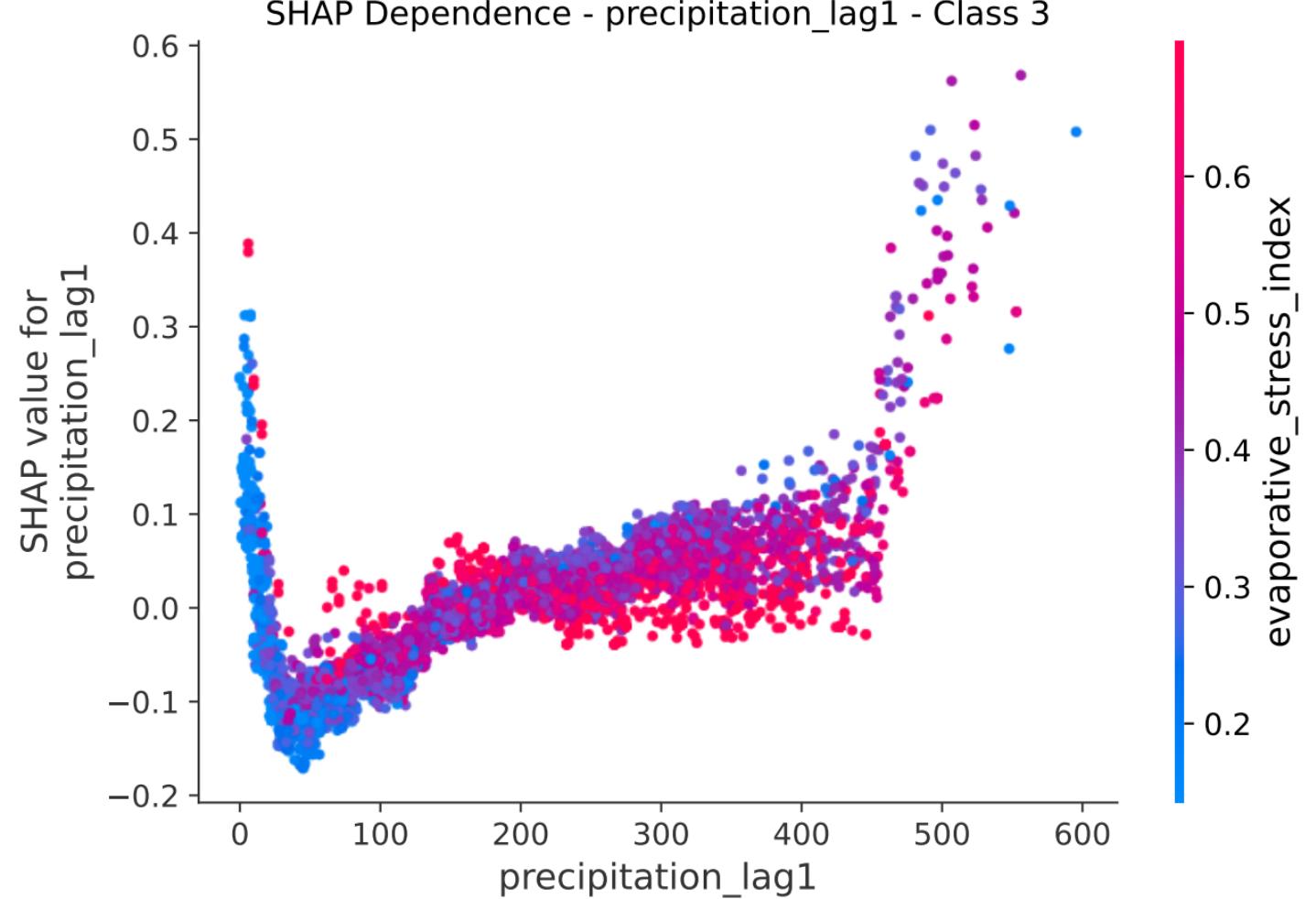
# SHAP Dependence - temperature\_2m\_max\_lag2 - Class 3



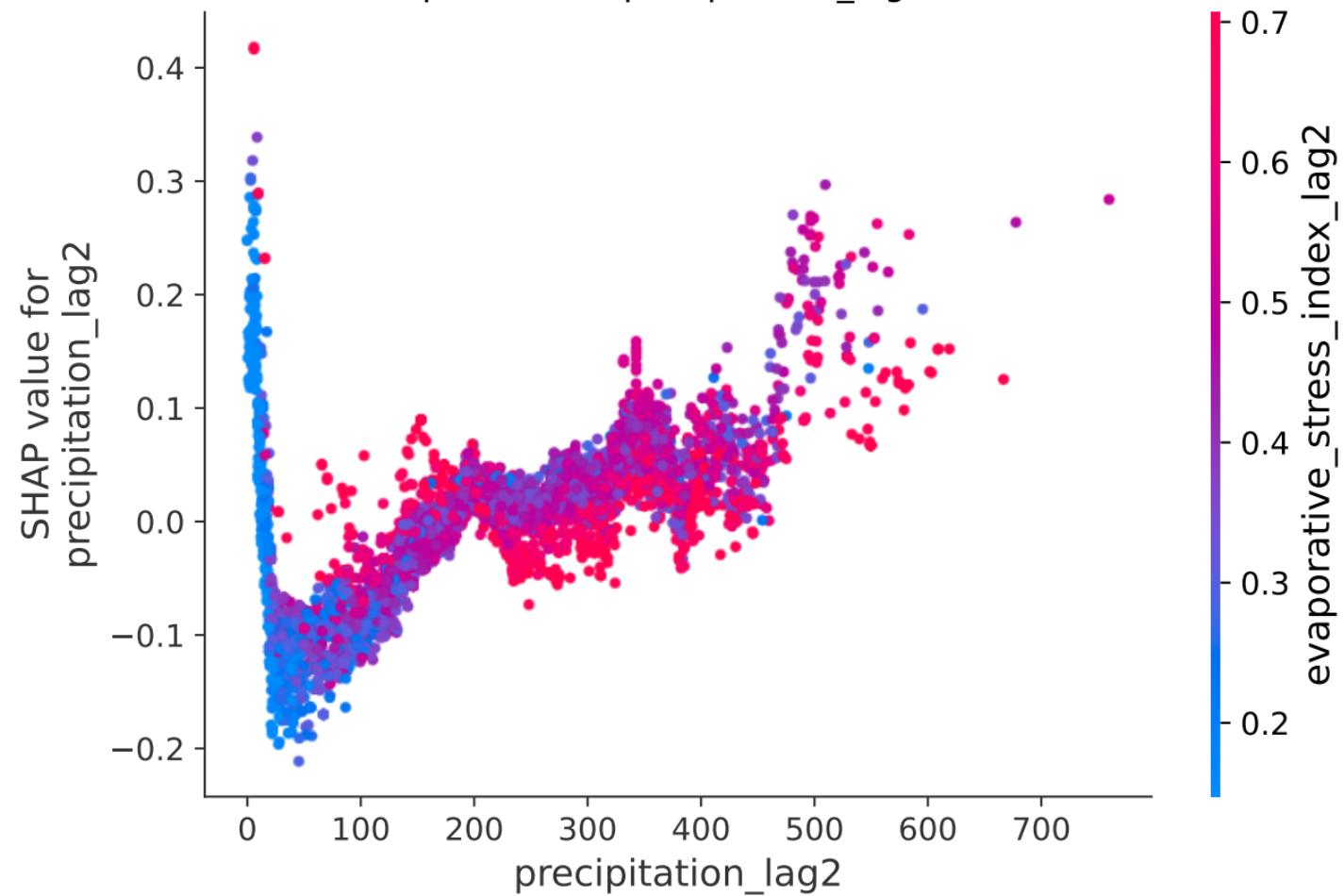
# SHAP Dependence - temperature\_2m\_max\_lag3 - Class 3



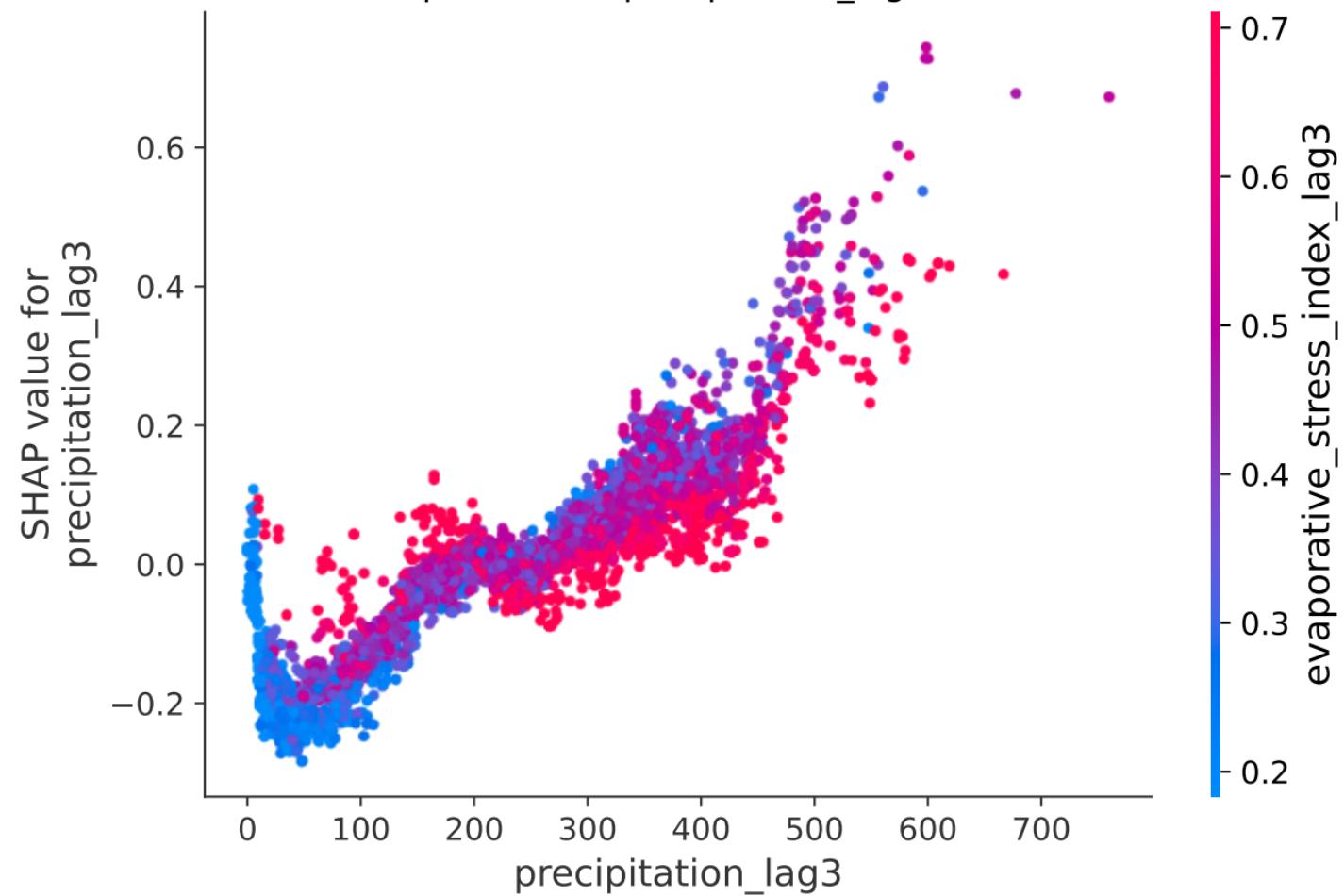
# SHAP Dependence - precipitation\_lag1 - Class 3



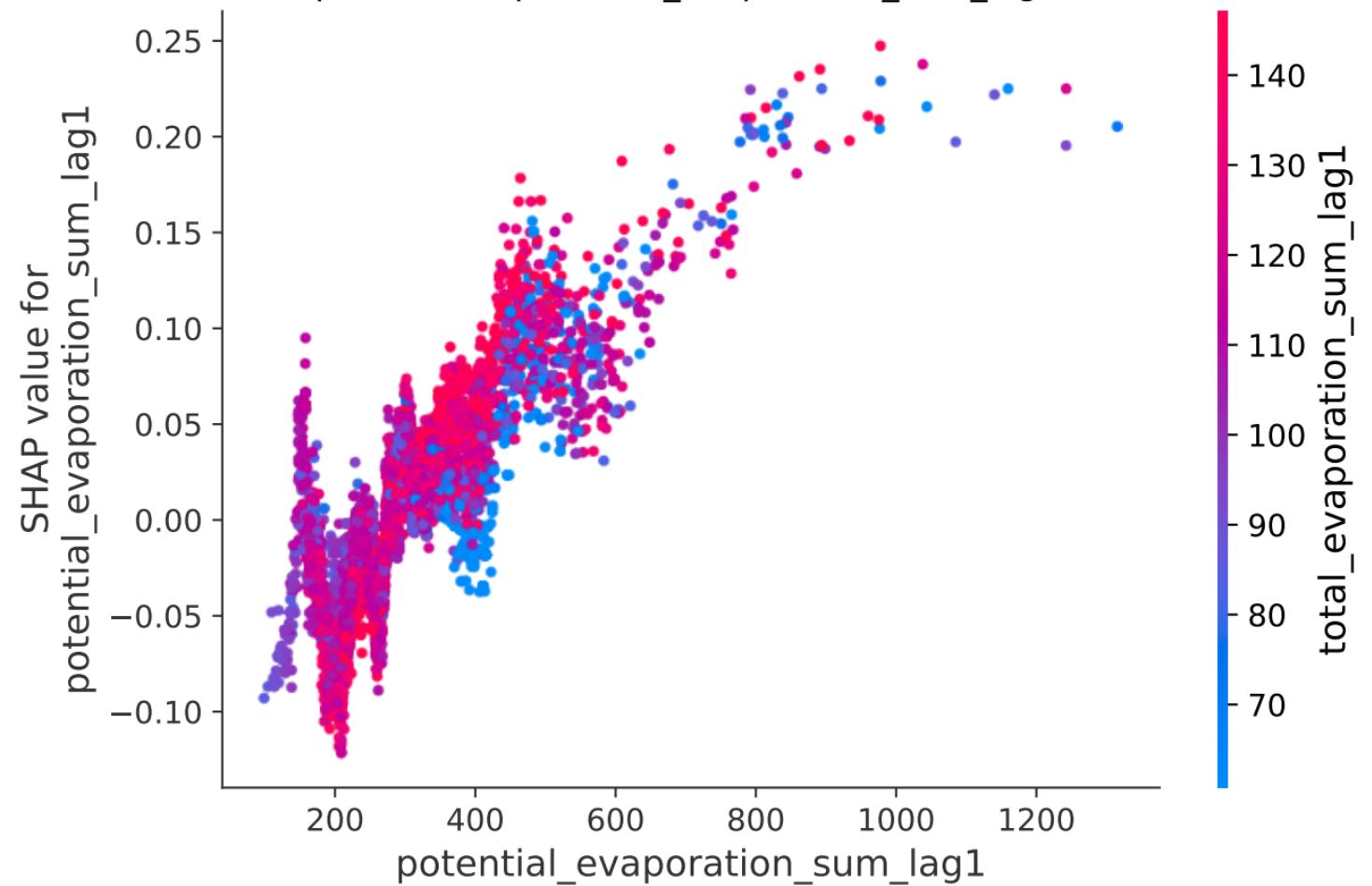
# SHAP Dependence - precipitation\_lag2 - Class 3

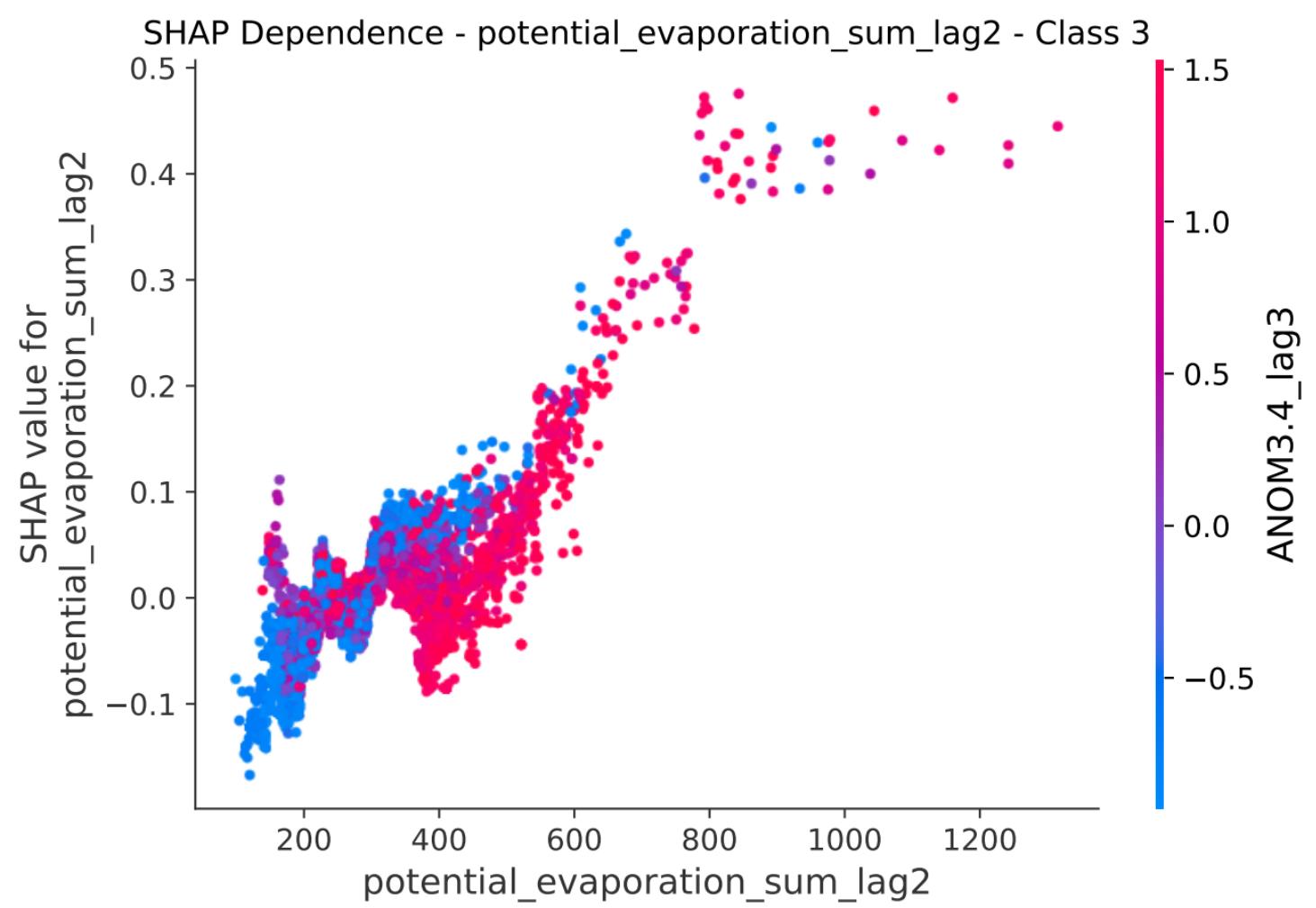


# SHAP Dependence - precipitation\_lag3 - Class 3



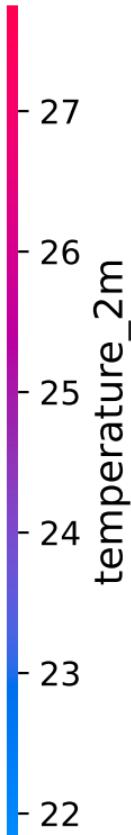
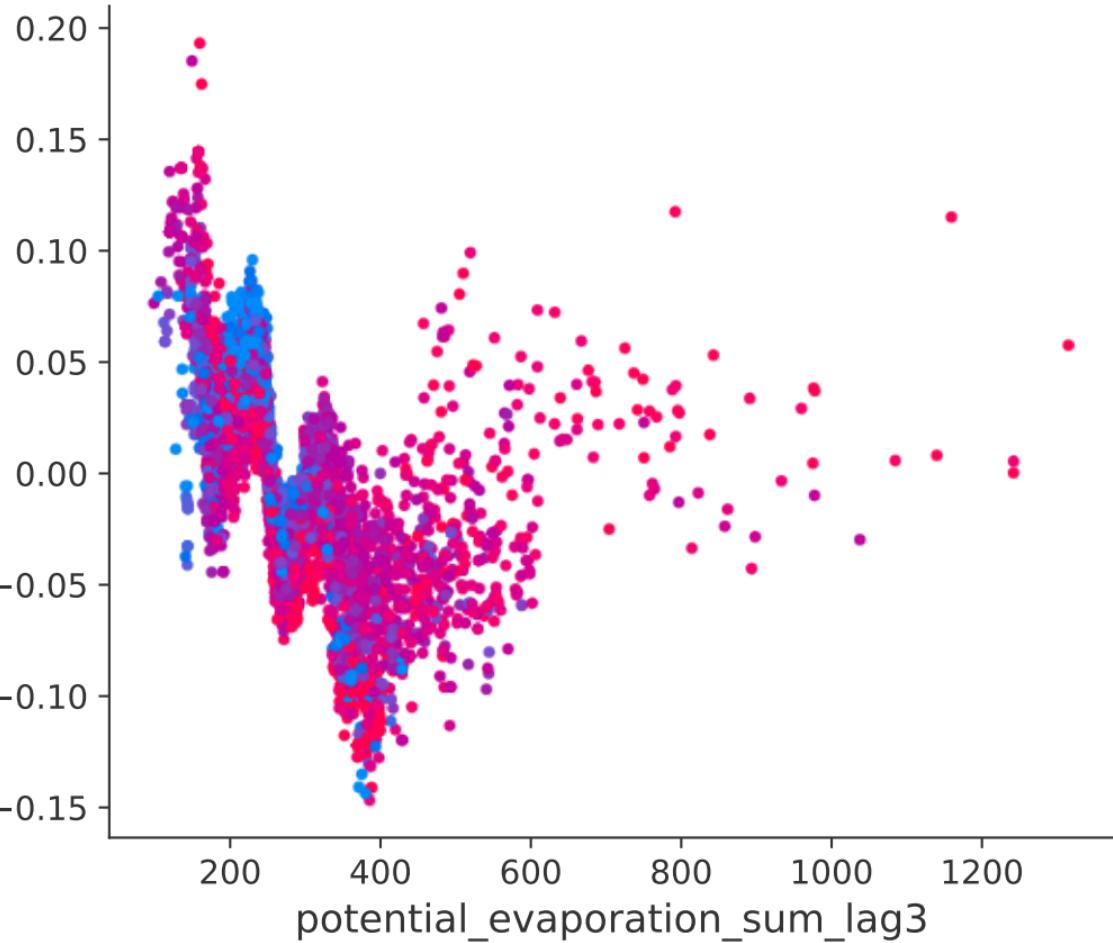
# SHAP Dependence - potential\_evaporation\_sum\_lag1 - Class 3



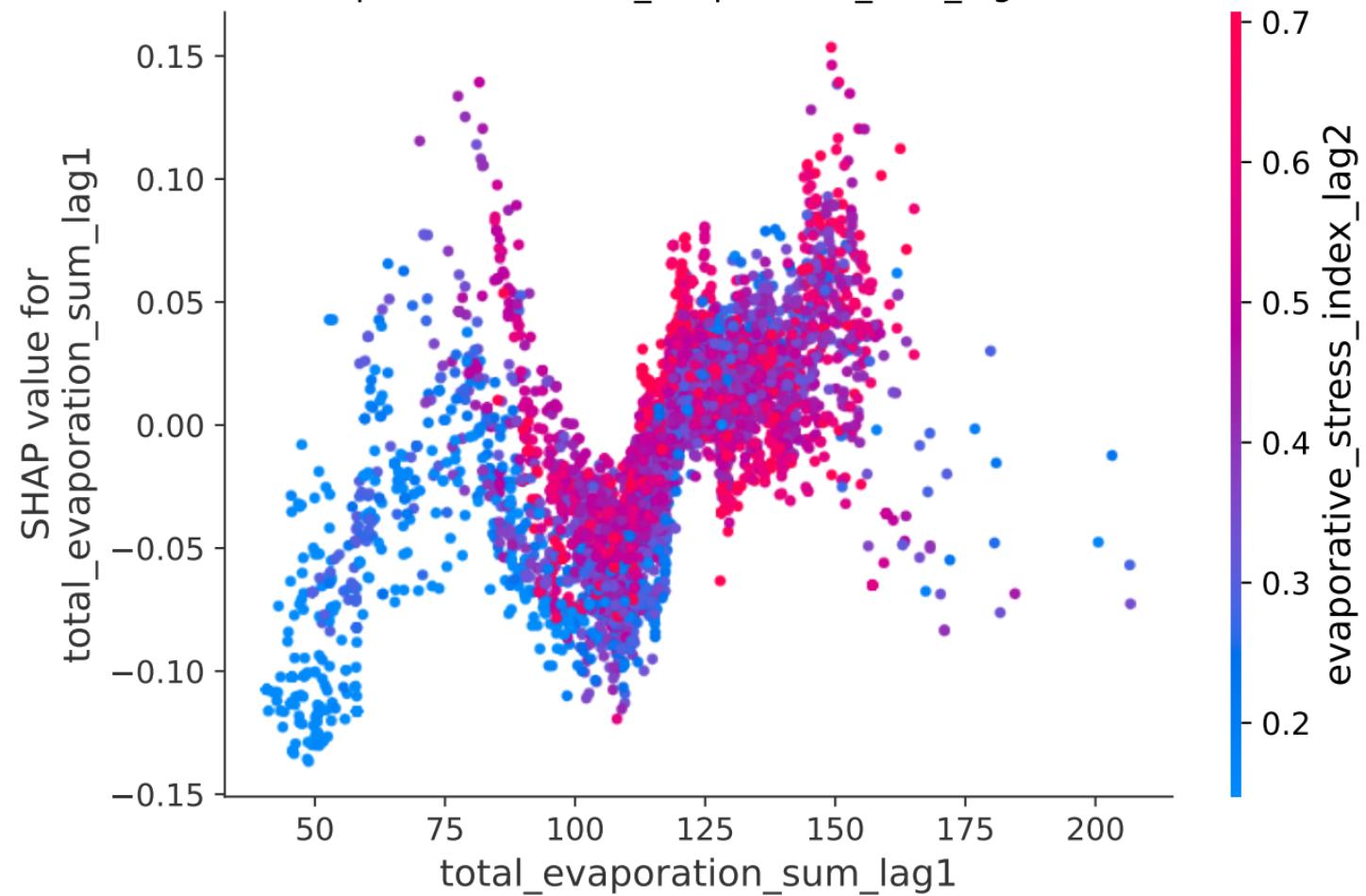


# SHAP Dependence - potential\_evaporation\_sum\_lag3 - Class 3

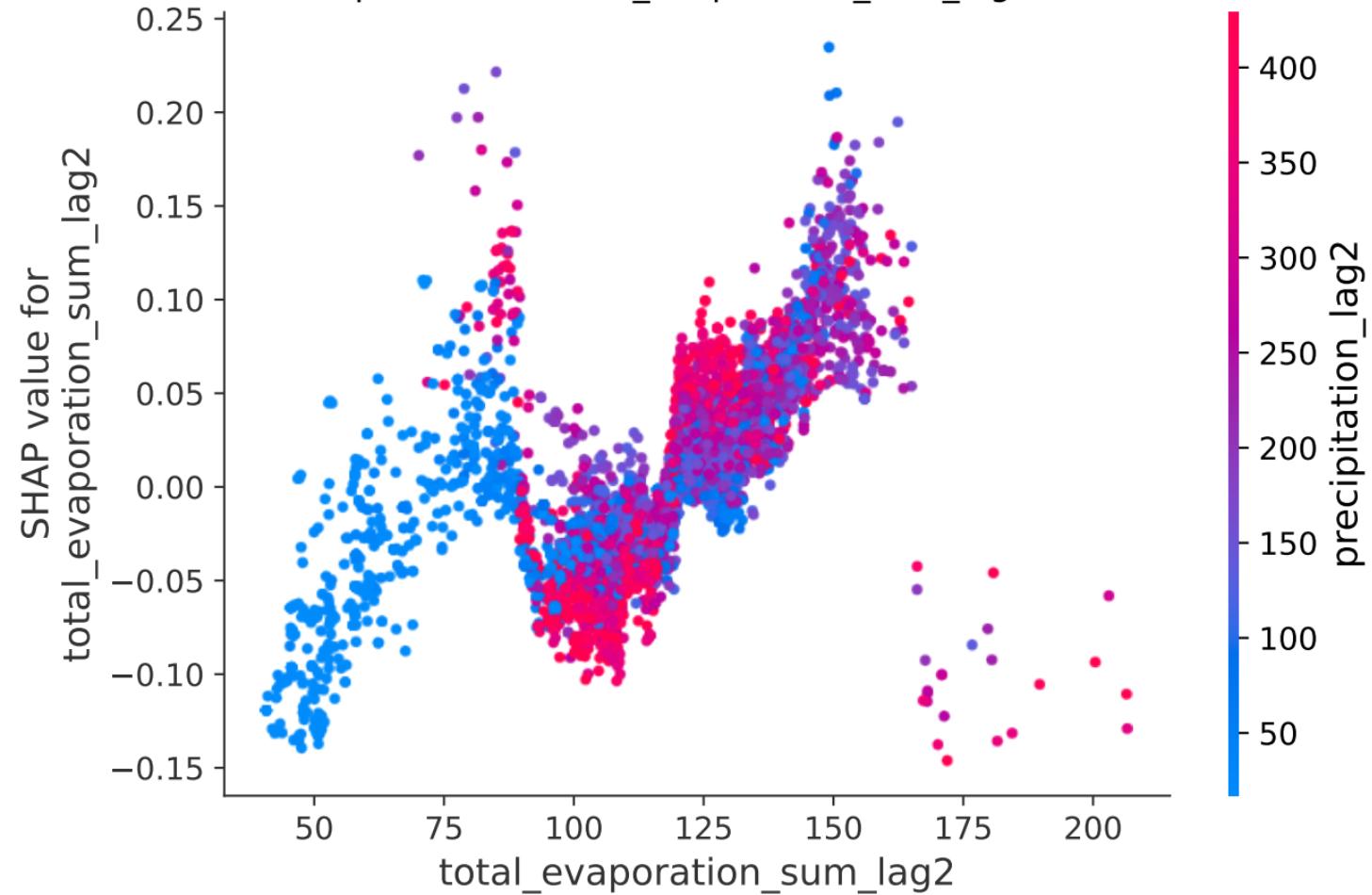
SHAP value for  
potential\_evaporation\_sum\_lag3



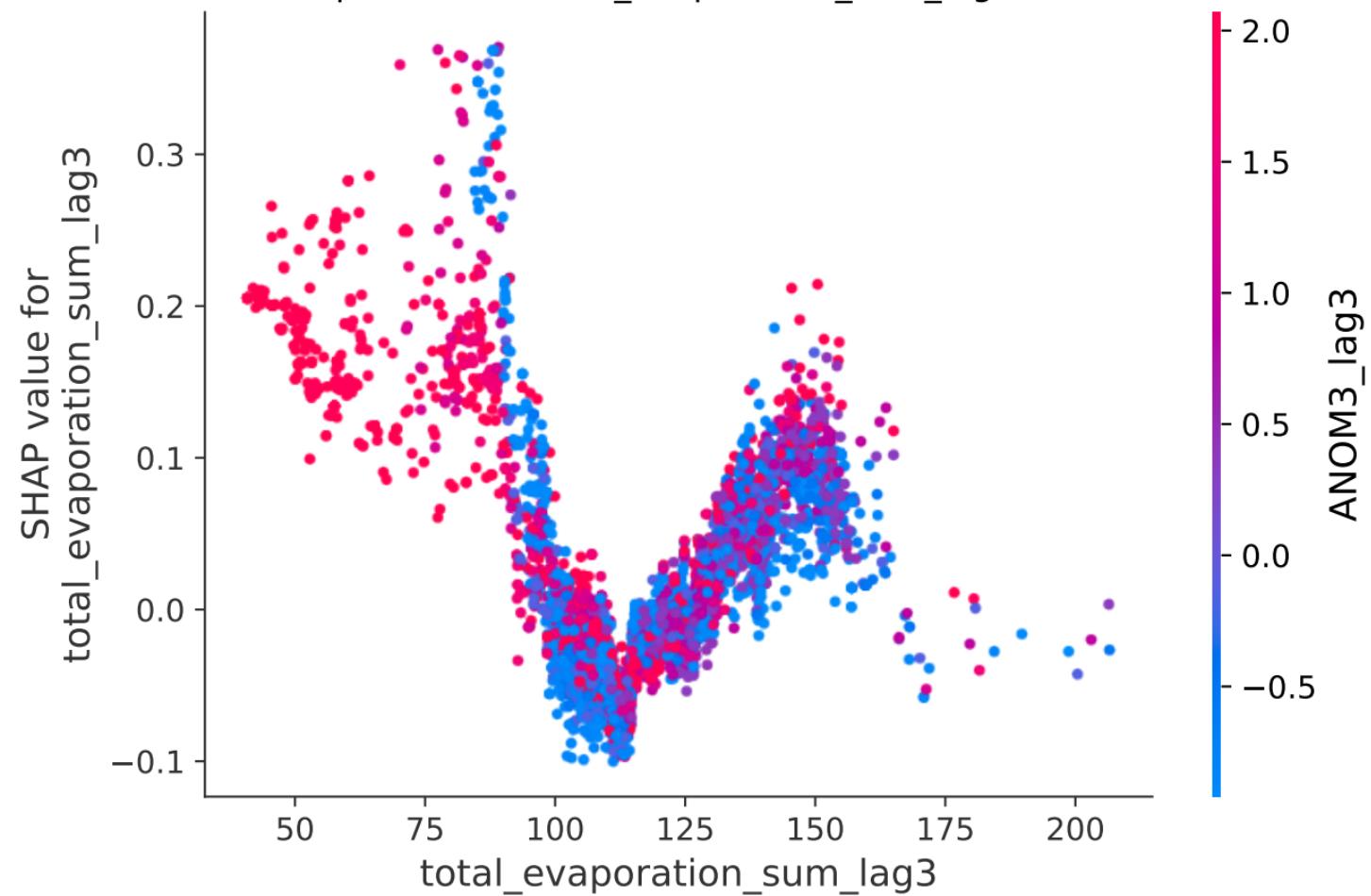
# SHAP Dependence - total\_evaporation\_sum\_lag1 - Class 3



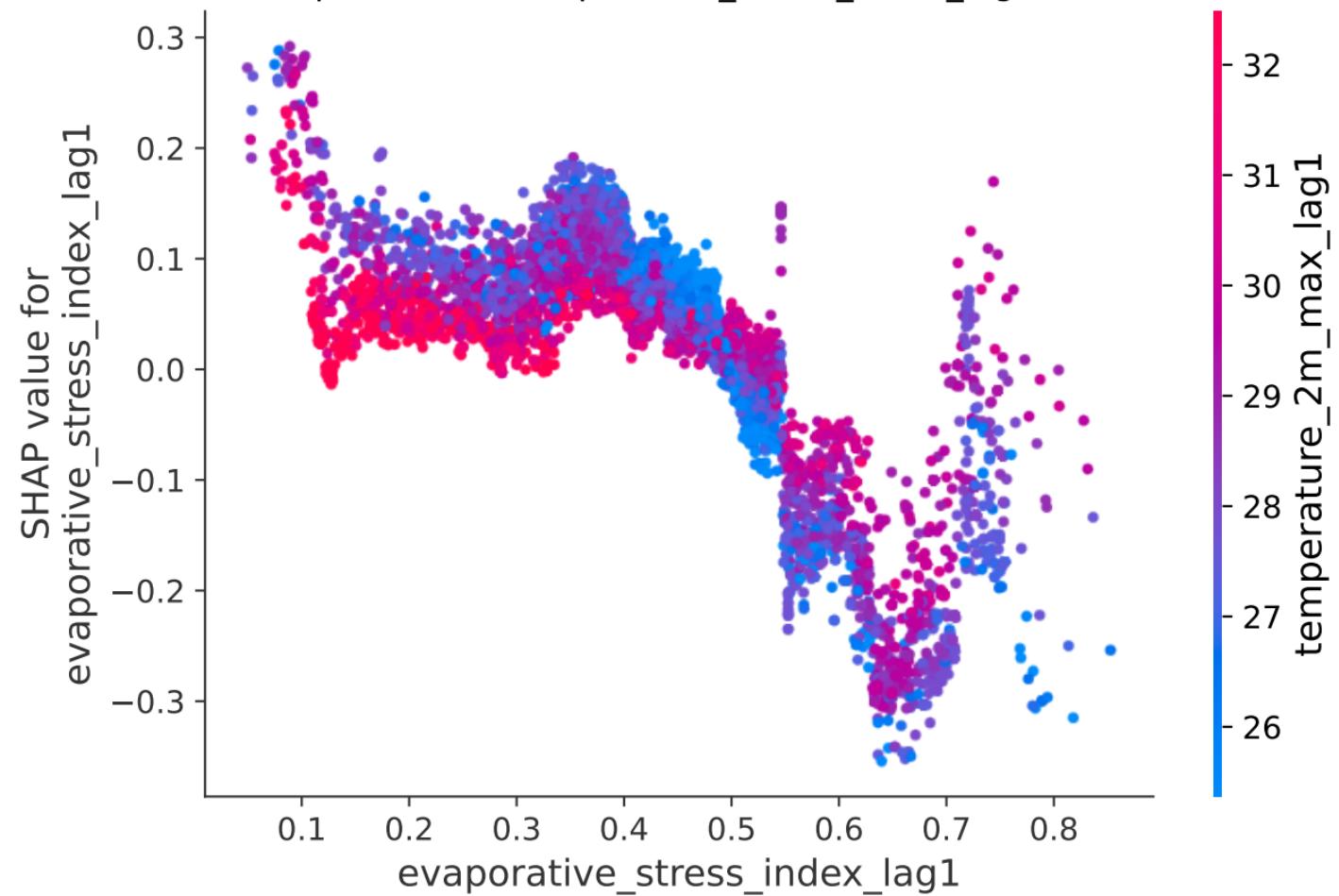
# SHAP Dependence - total\_evaporation\_sum\_lag2 - Class 3



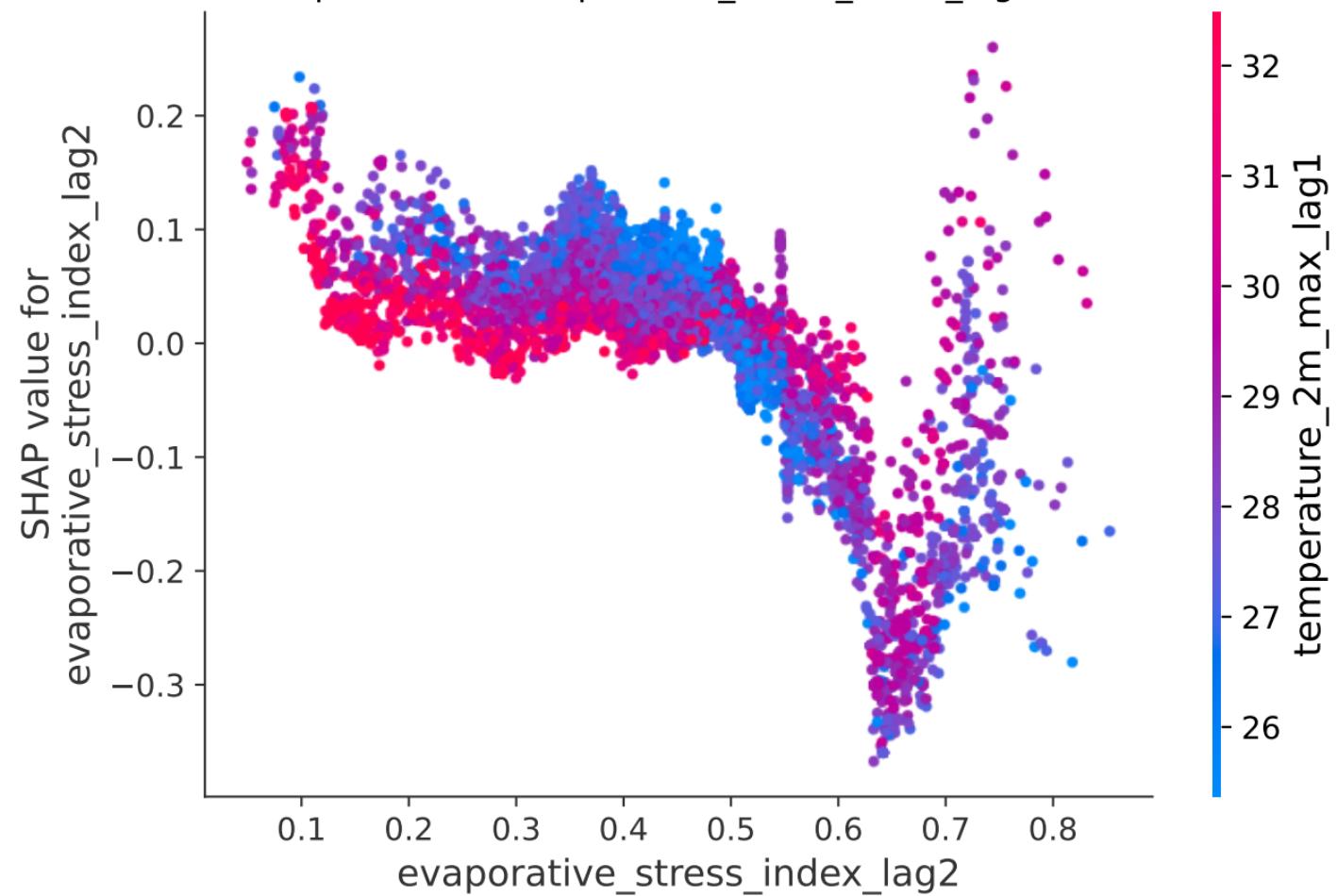
# SHAP Dependence - total\_evaporation\_sum\_lag3 - Class 3



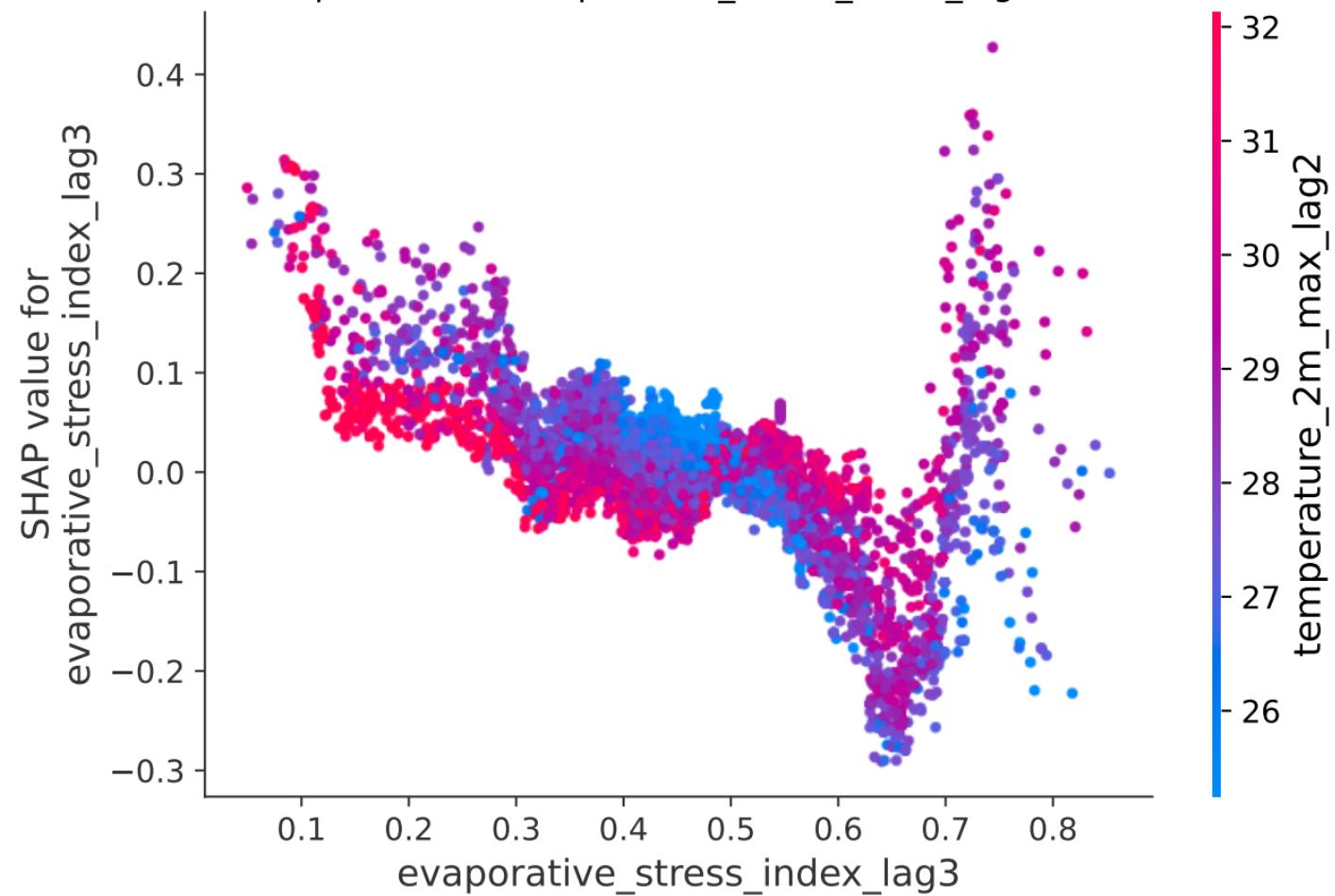
# SHAP Dependence - evaporative\_stress\_index\_lag1 - Class 3



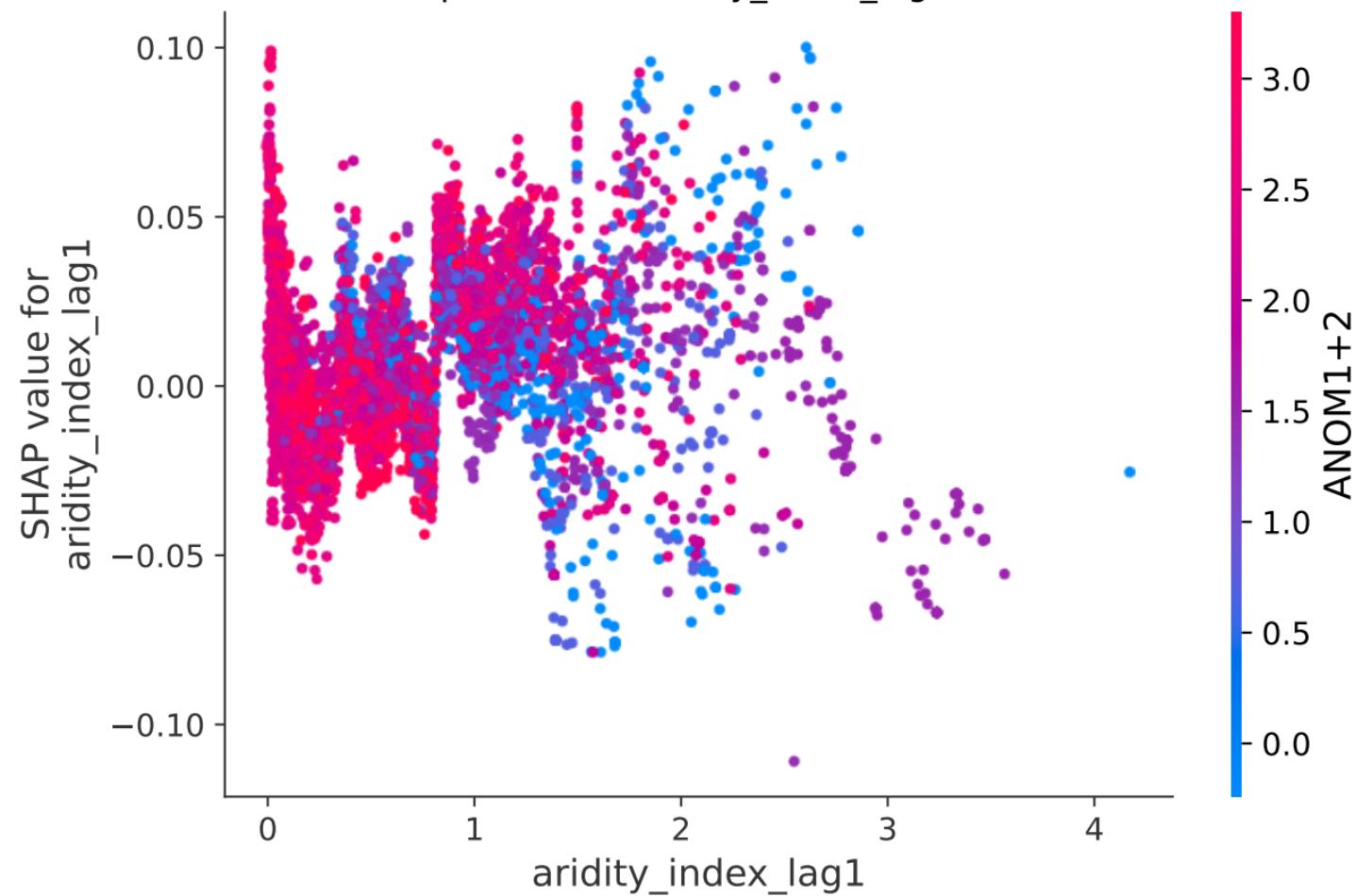
# SHAP Dependence - evaporative\_stress\_index\_lag2 - Class 3



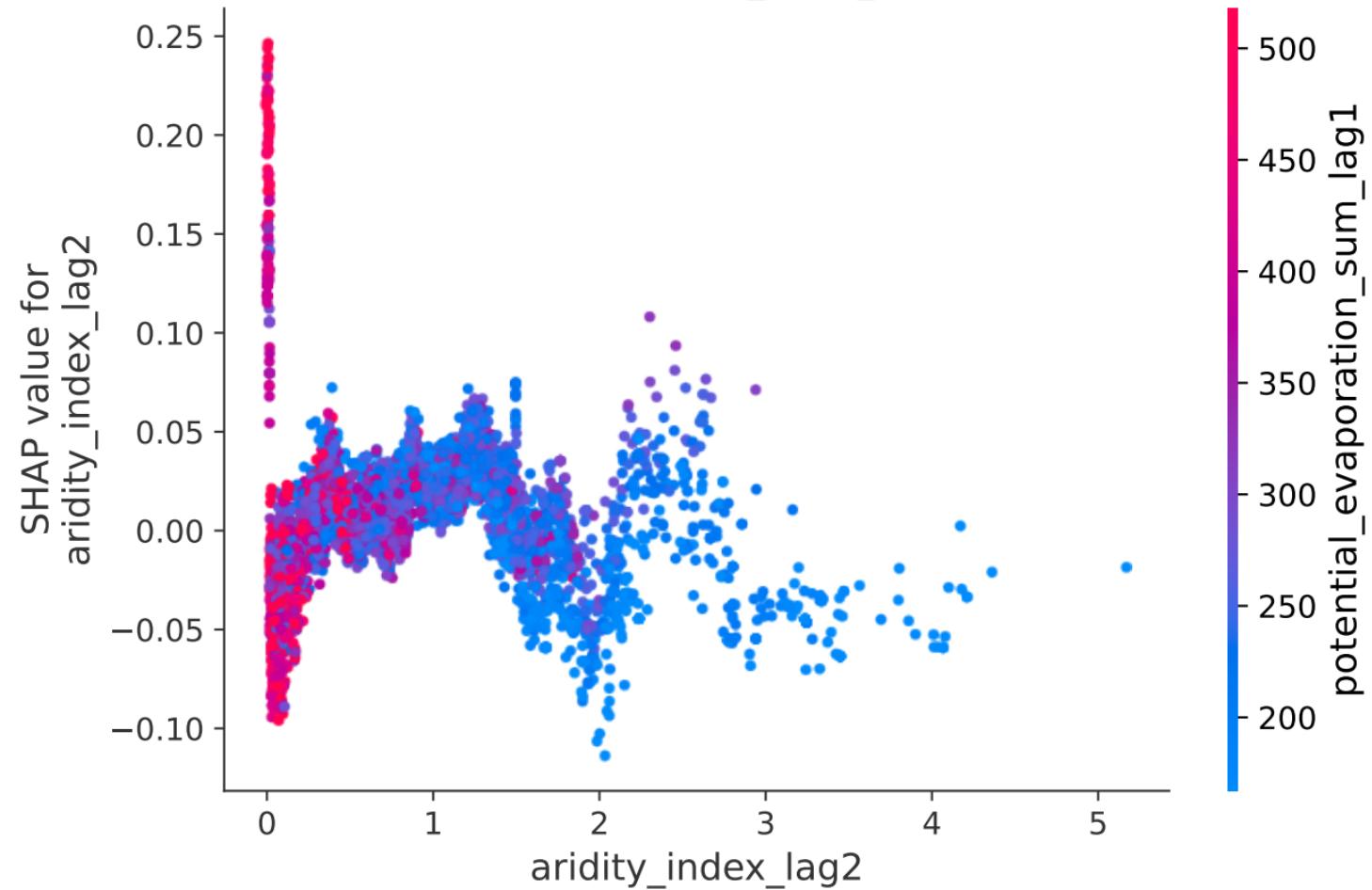
# SHAP Dependence - evaporative\_stress\_index\_lag3 - Class 3



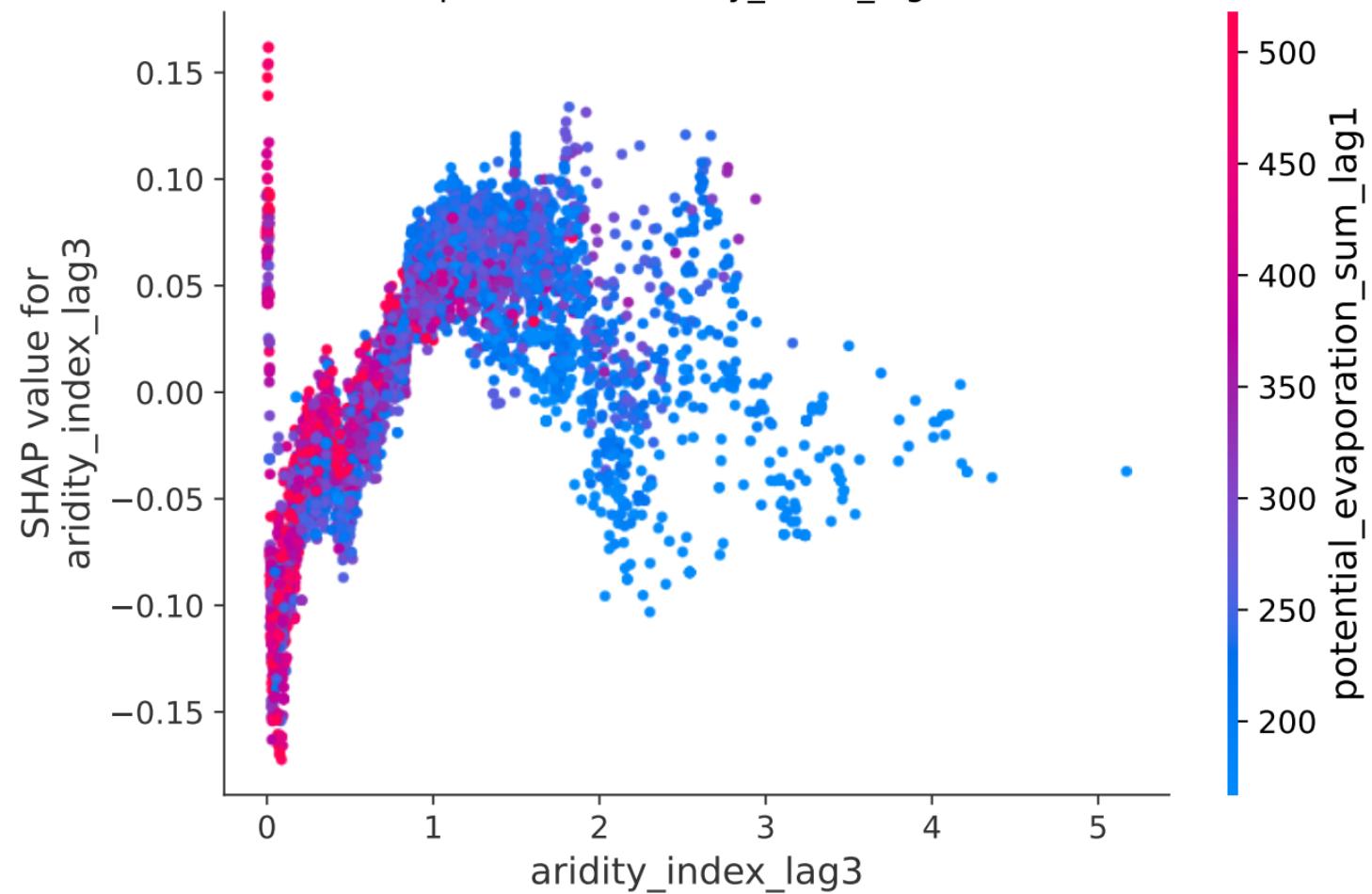
### SHAP Dependence - aridity\_index\_lag1 - Class 3



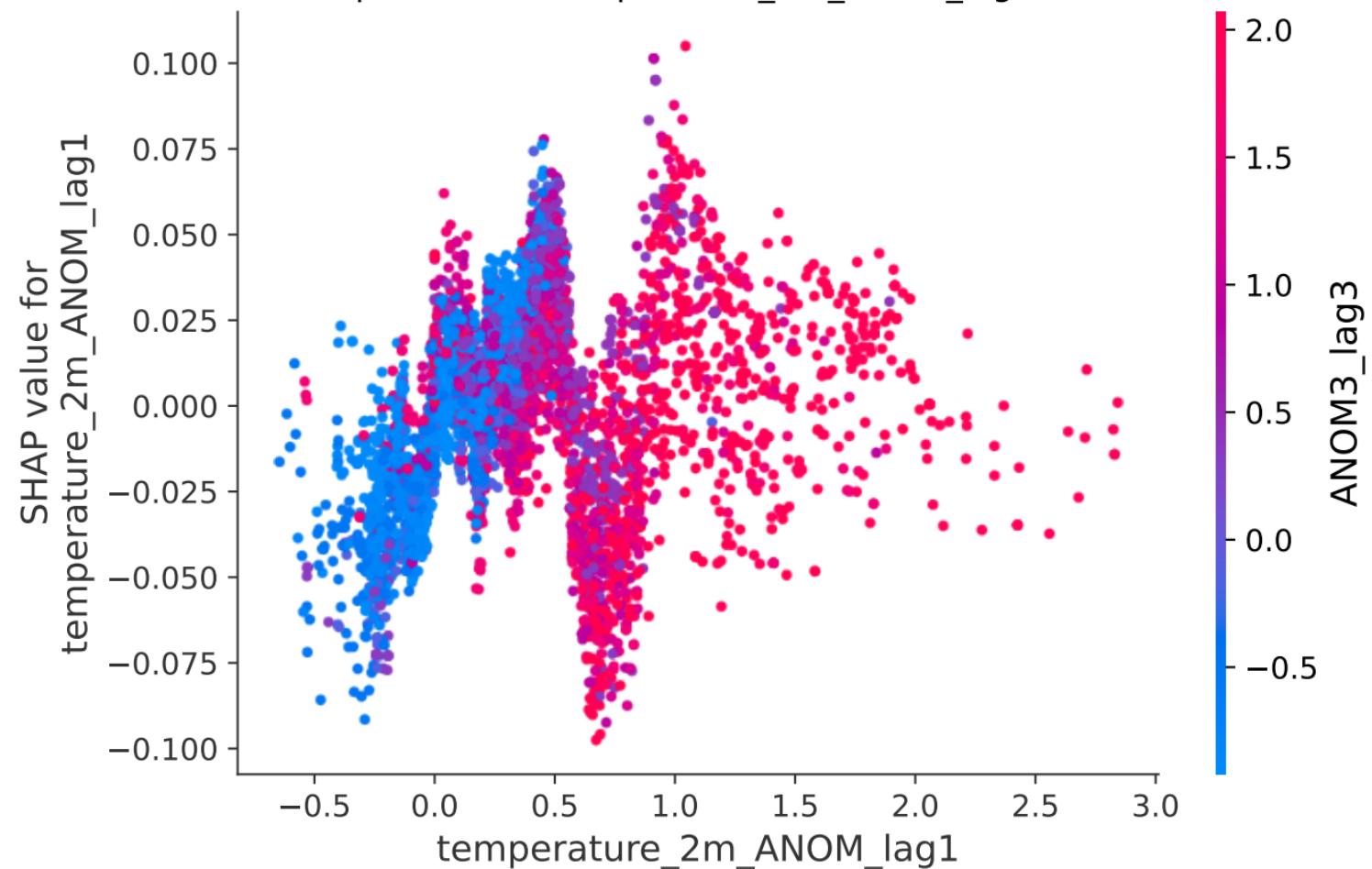
### SHAP Dependence - aridity\_index\_lag2 - Class 3



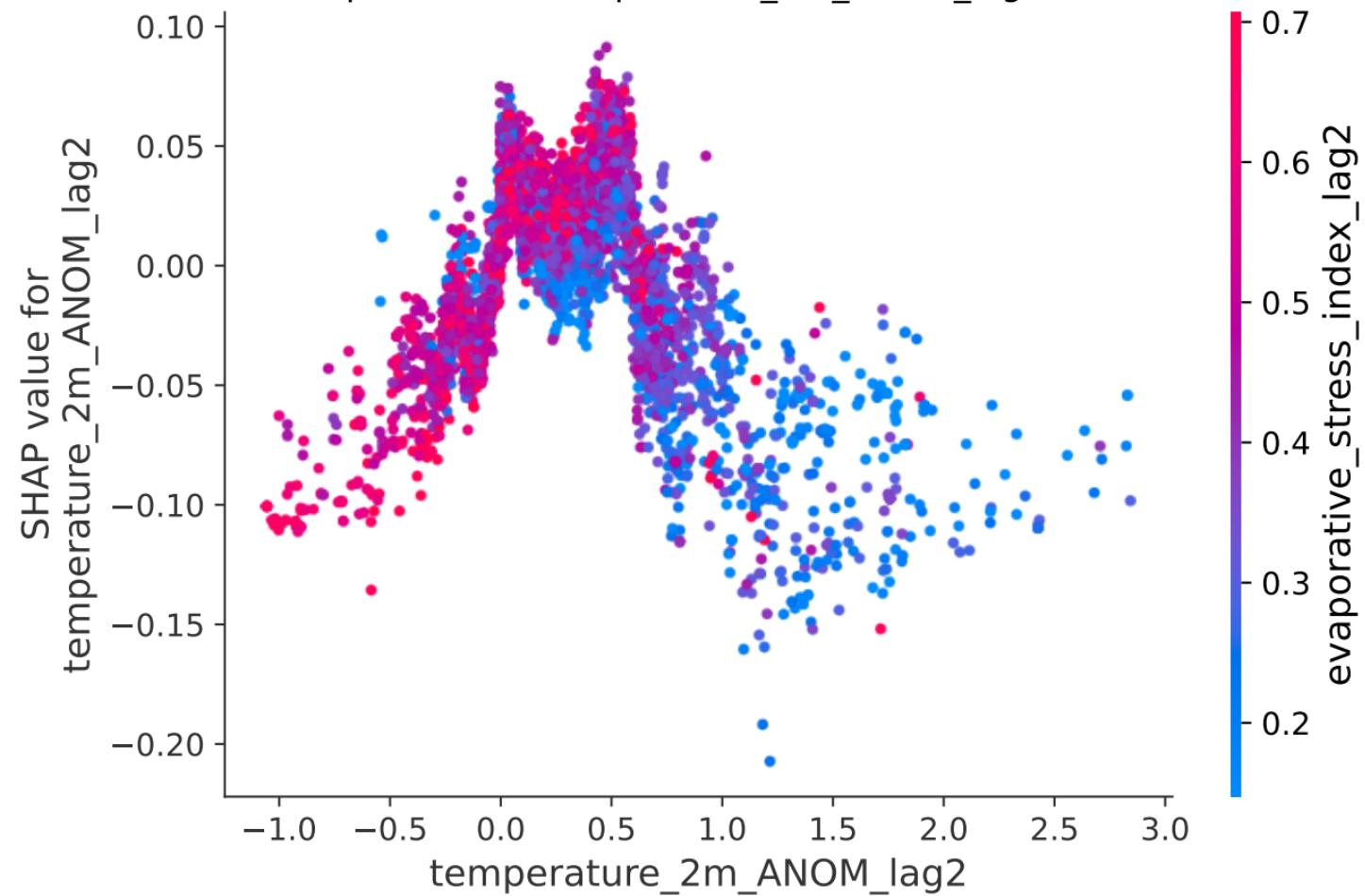
# SHAP Dependence - aridity\_index\_lag3 - Class 3



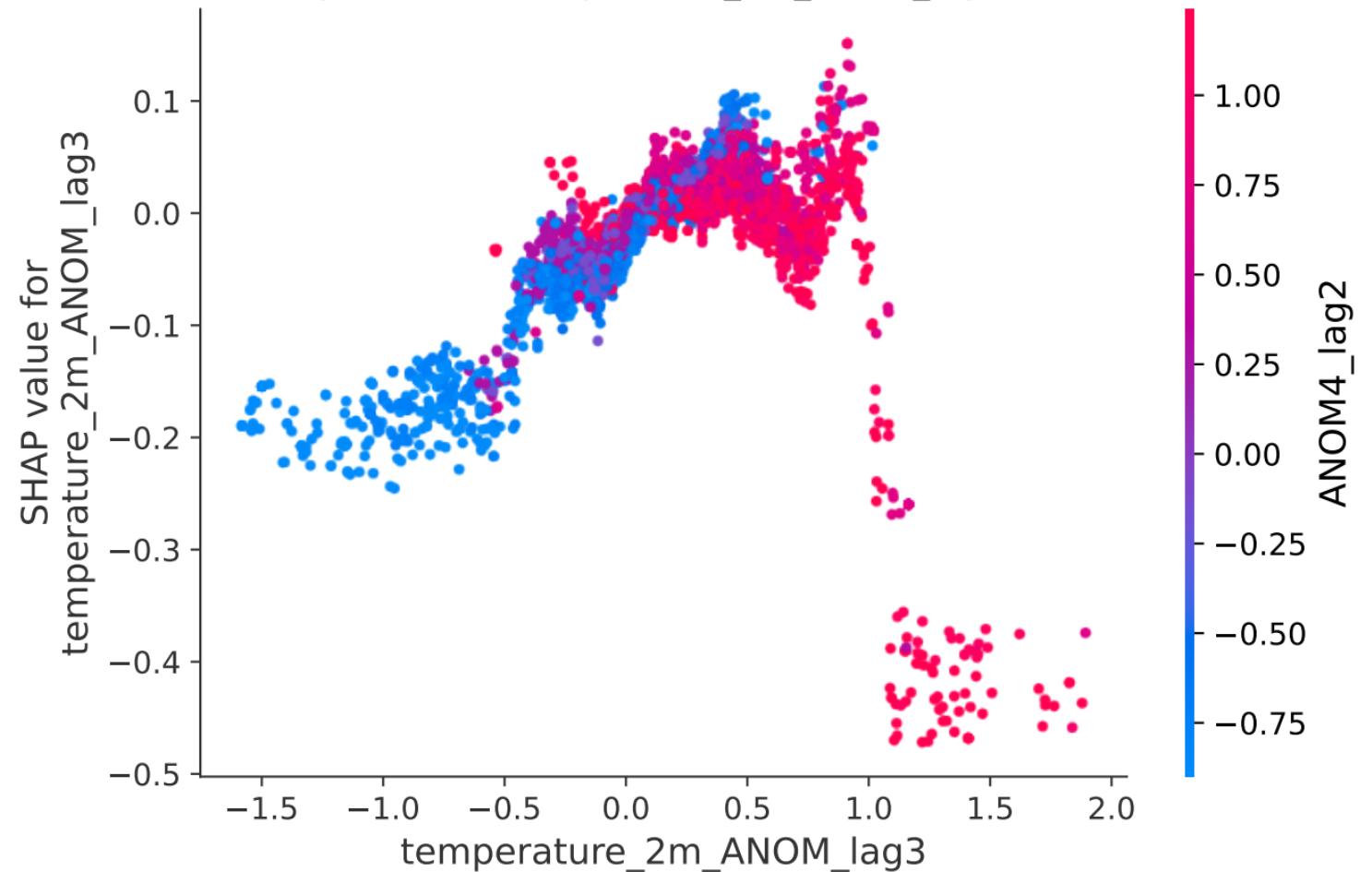
# SHAP Dependence - temperature\_2m\_ANOM\_lag1 - Class 3



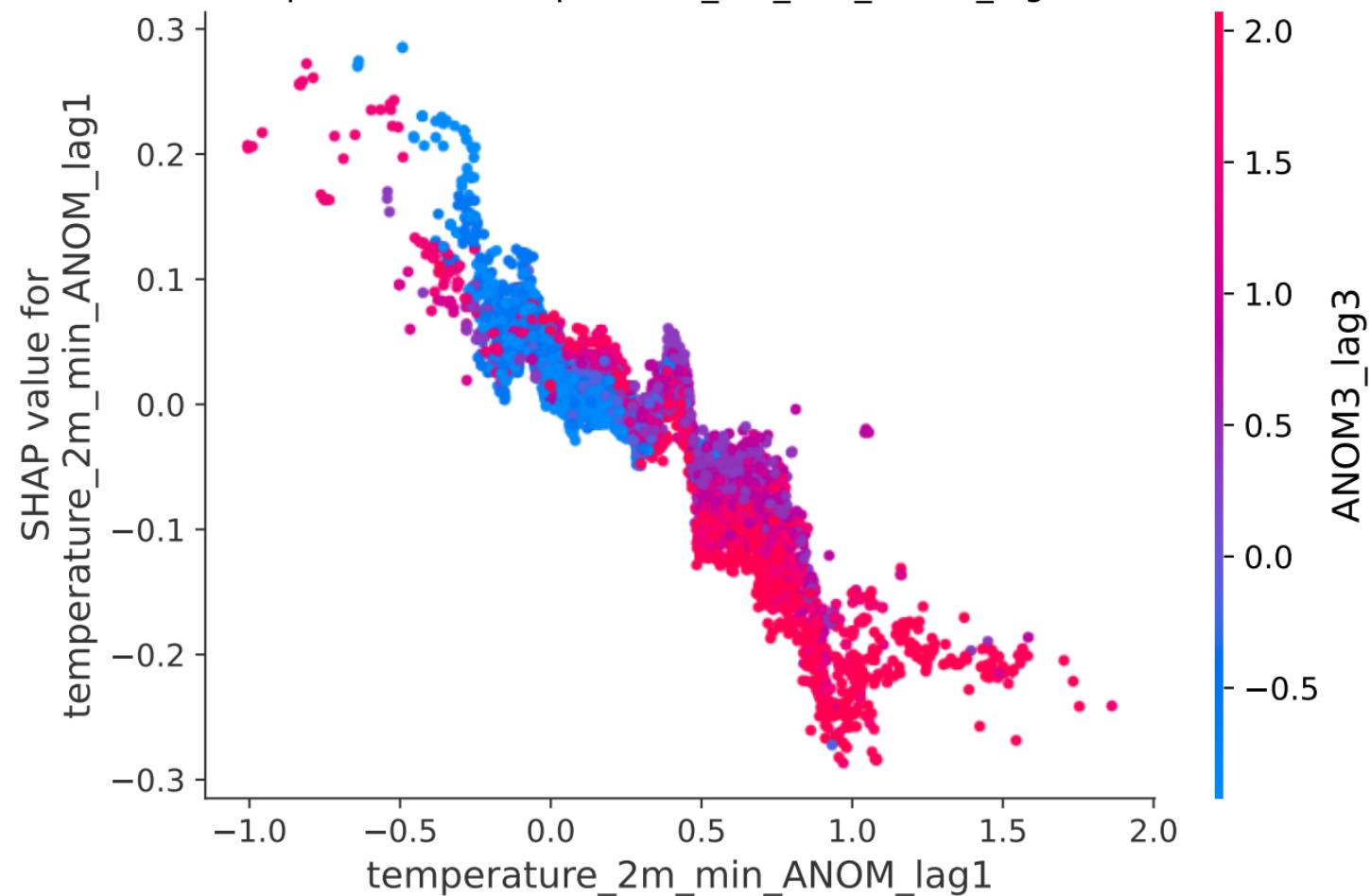
# SHAP Dependence - temperature\_2m\_ANOM\_lag2 - Class 3



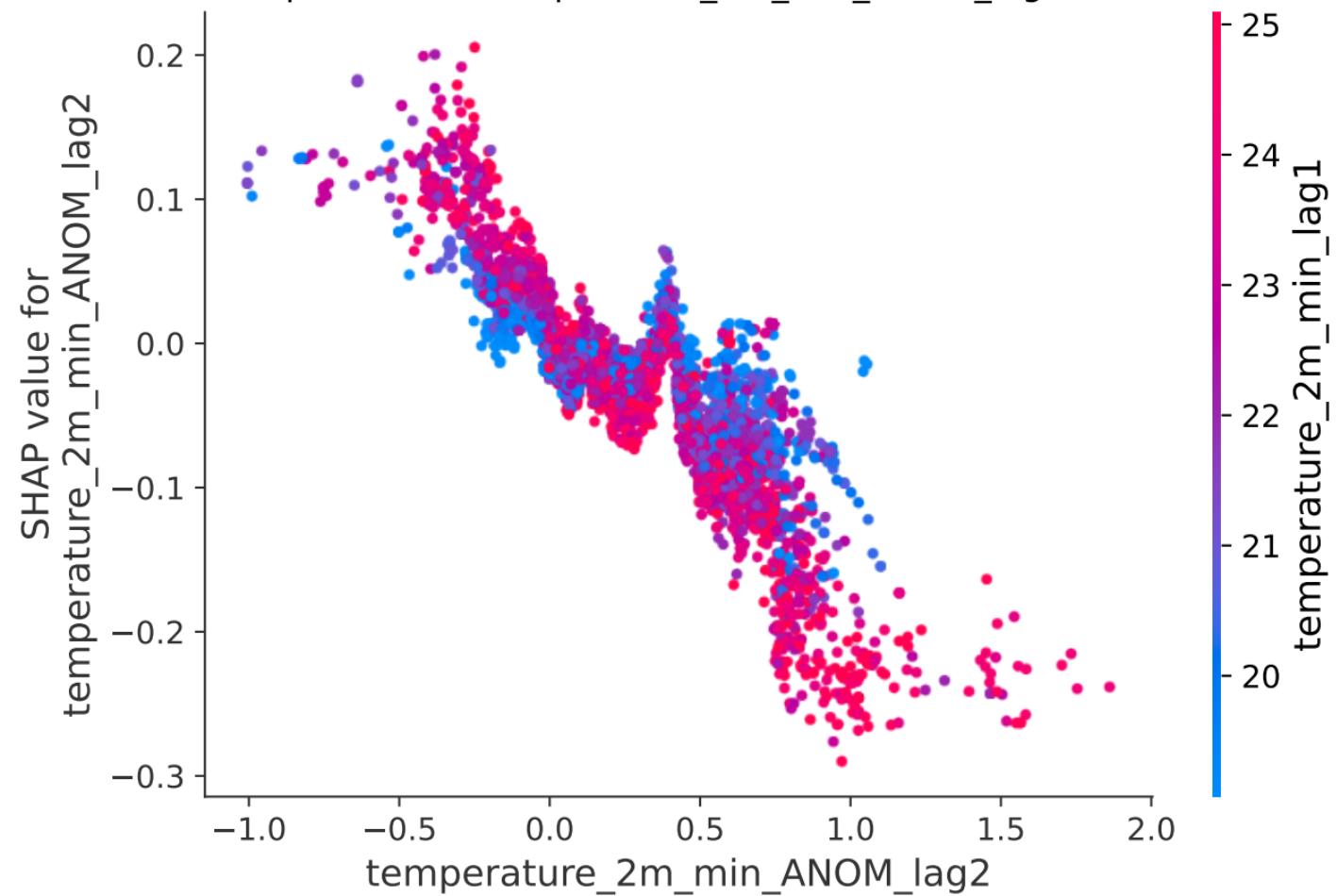
# SHAP Dependence - temperature\_2m\_ANOM\_lag3 - Class 3



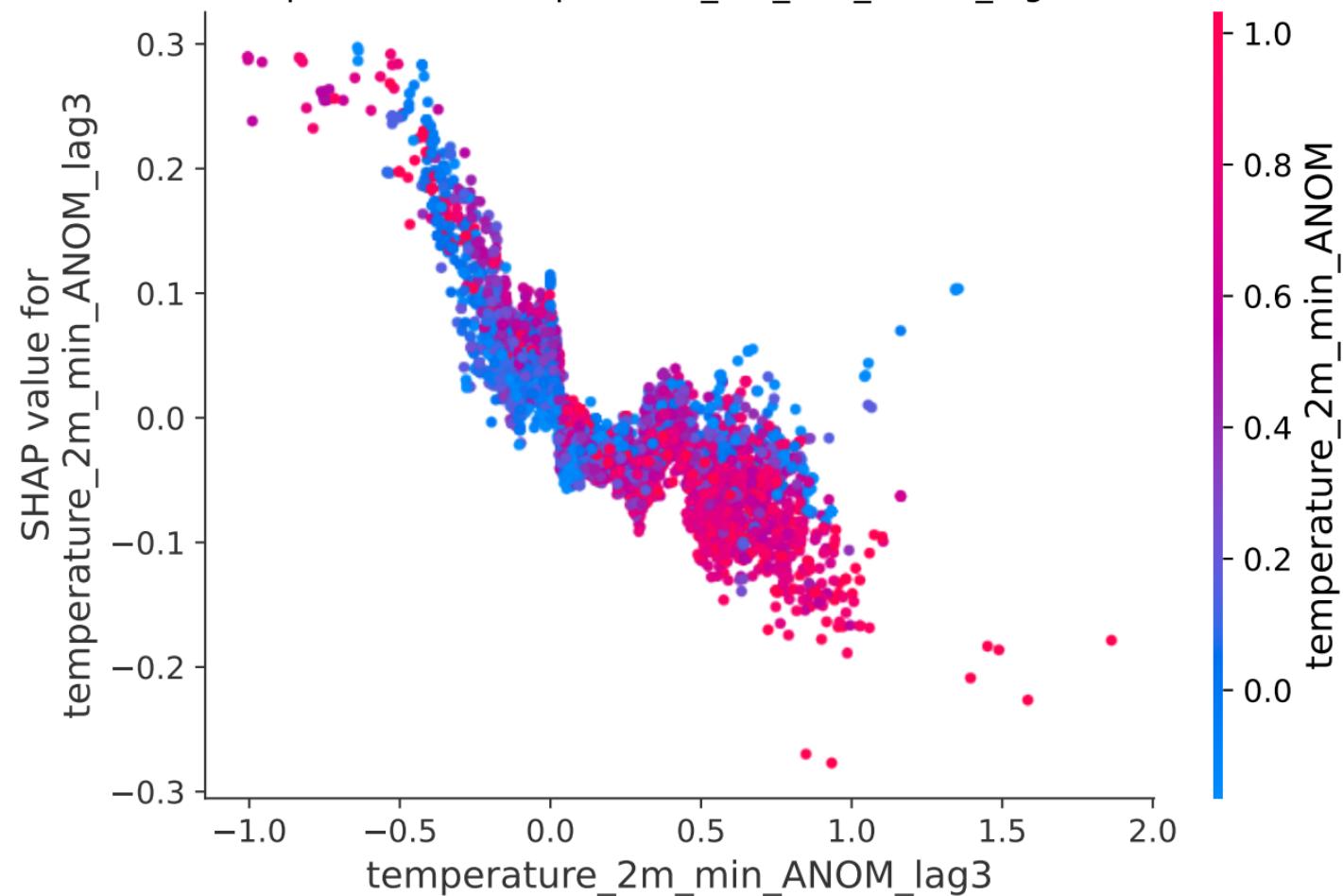
# SHAP Dependence - temperature\_2m\_min\_ANOM\_lag1 - Class 3



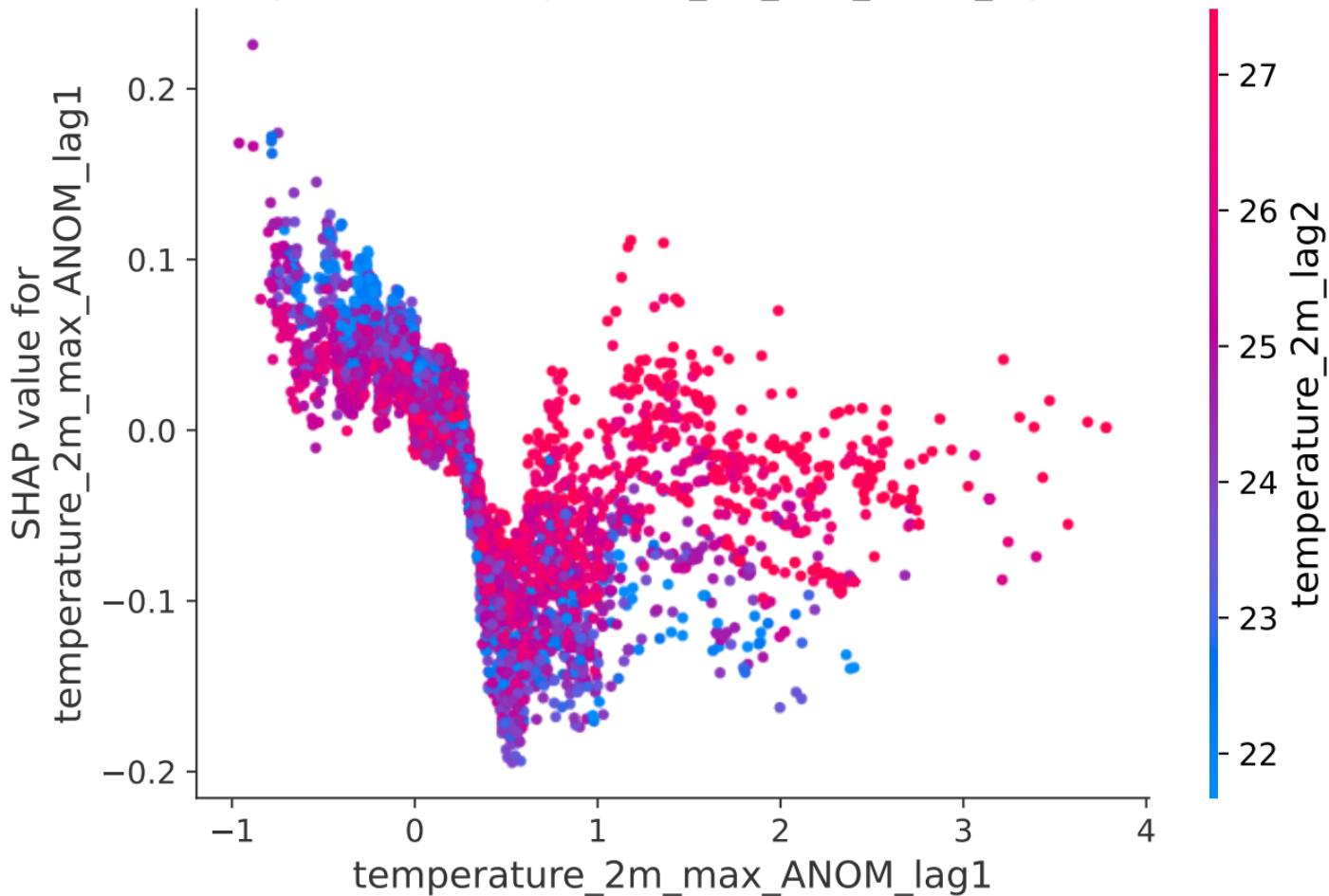
# SHAP Dependence - temperature\_2m\_min\_ANOM\_lag2 - Class 3

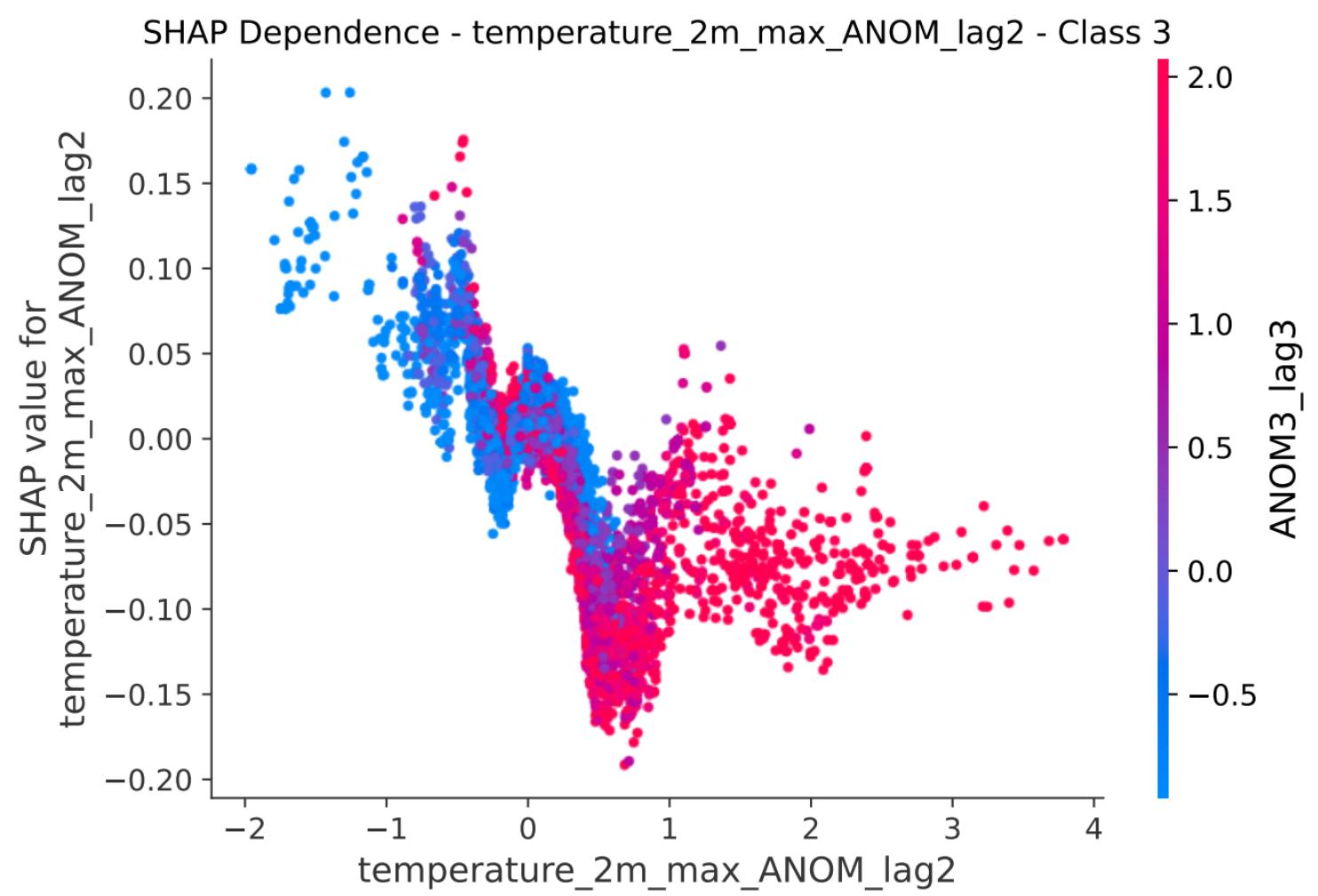


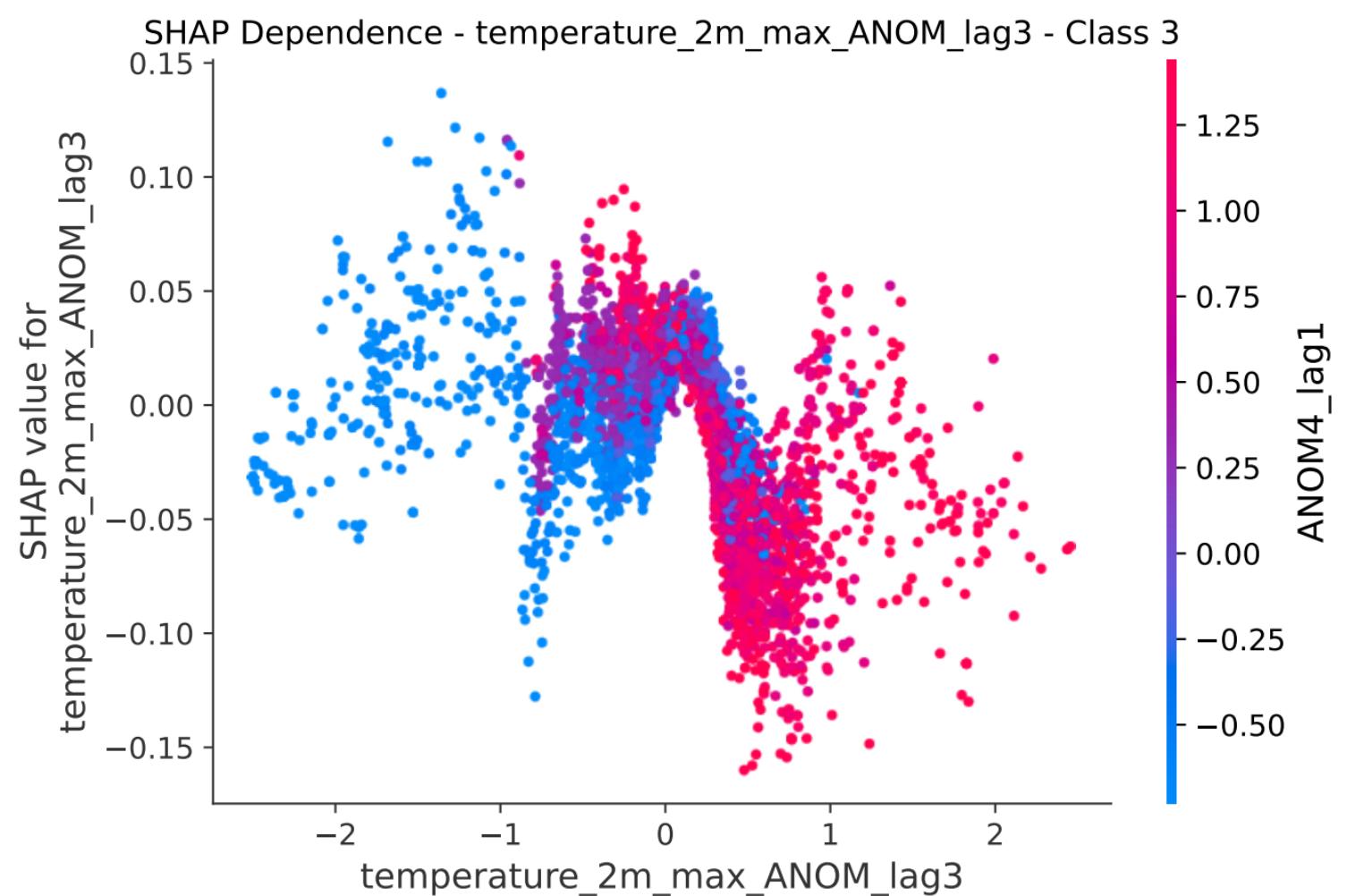
# SHAP Dependence - temperature\_2m\_min\_ANOM\_lag3 - Class 3

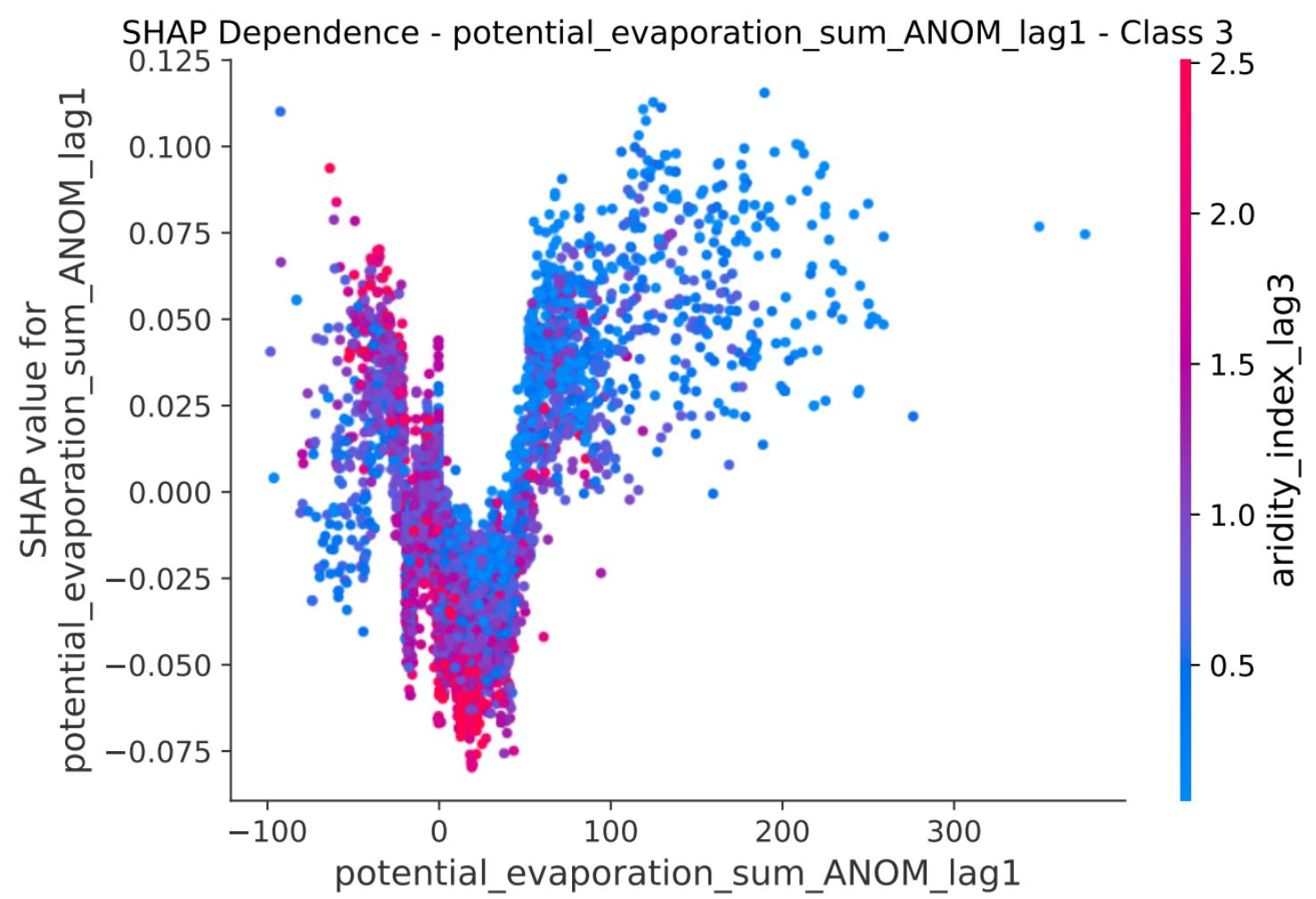


# SHAP Dependence - temperature\_2m\_max\_ANOM\_lag1 - Class 3

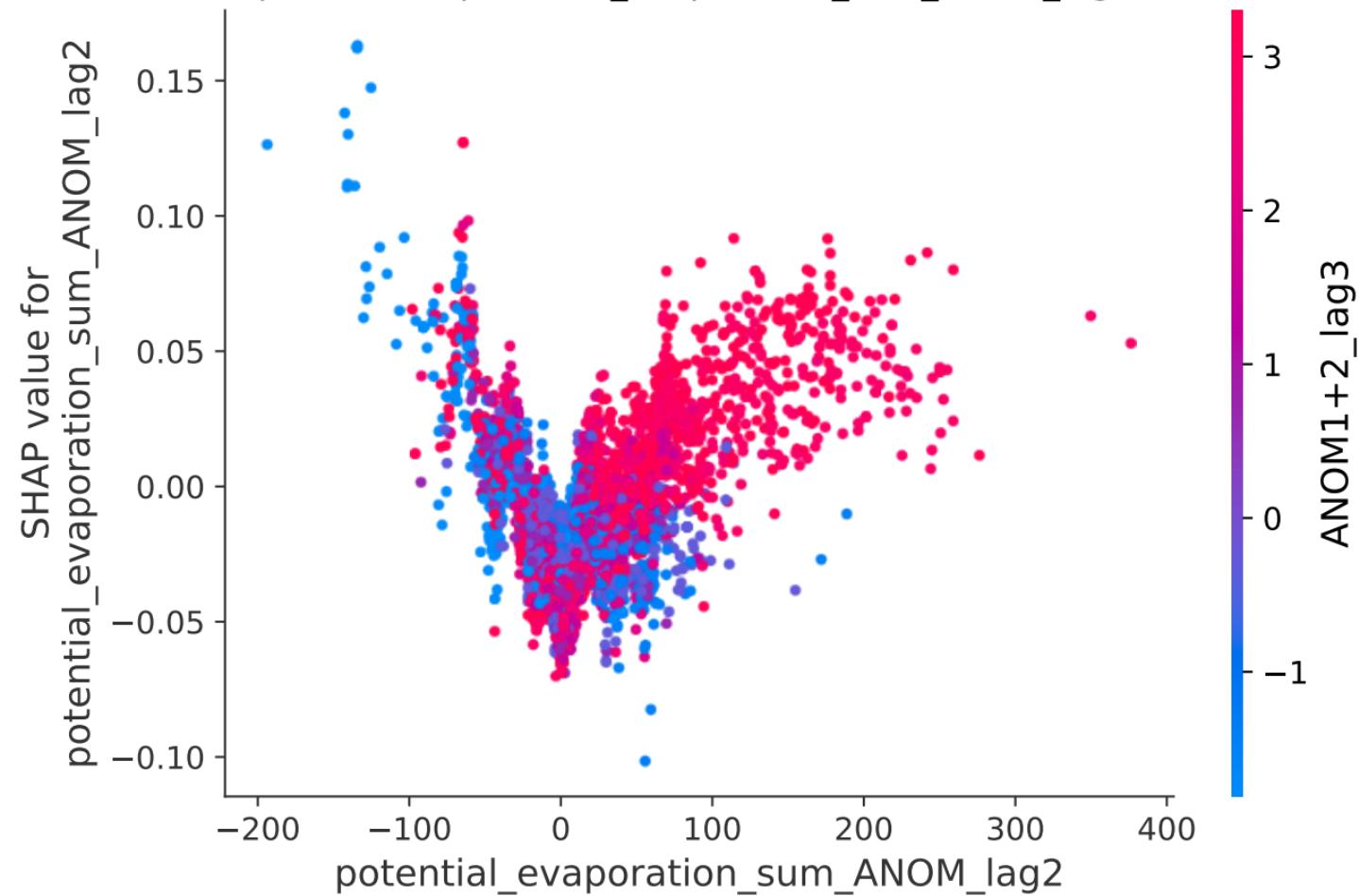




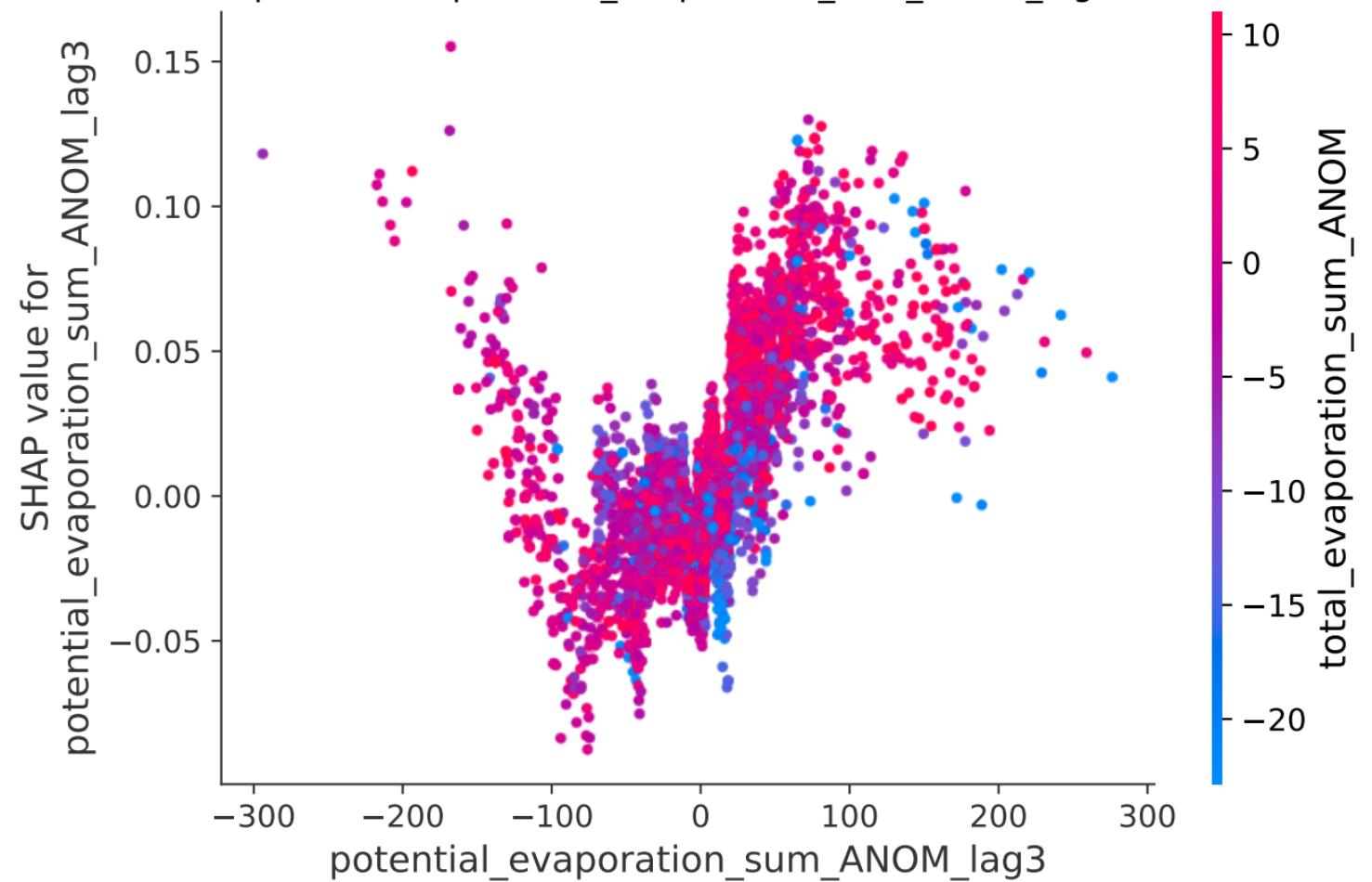




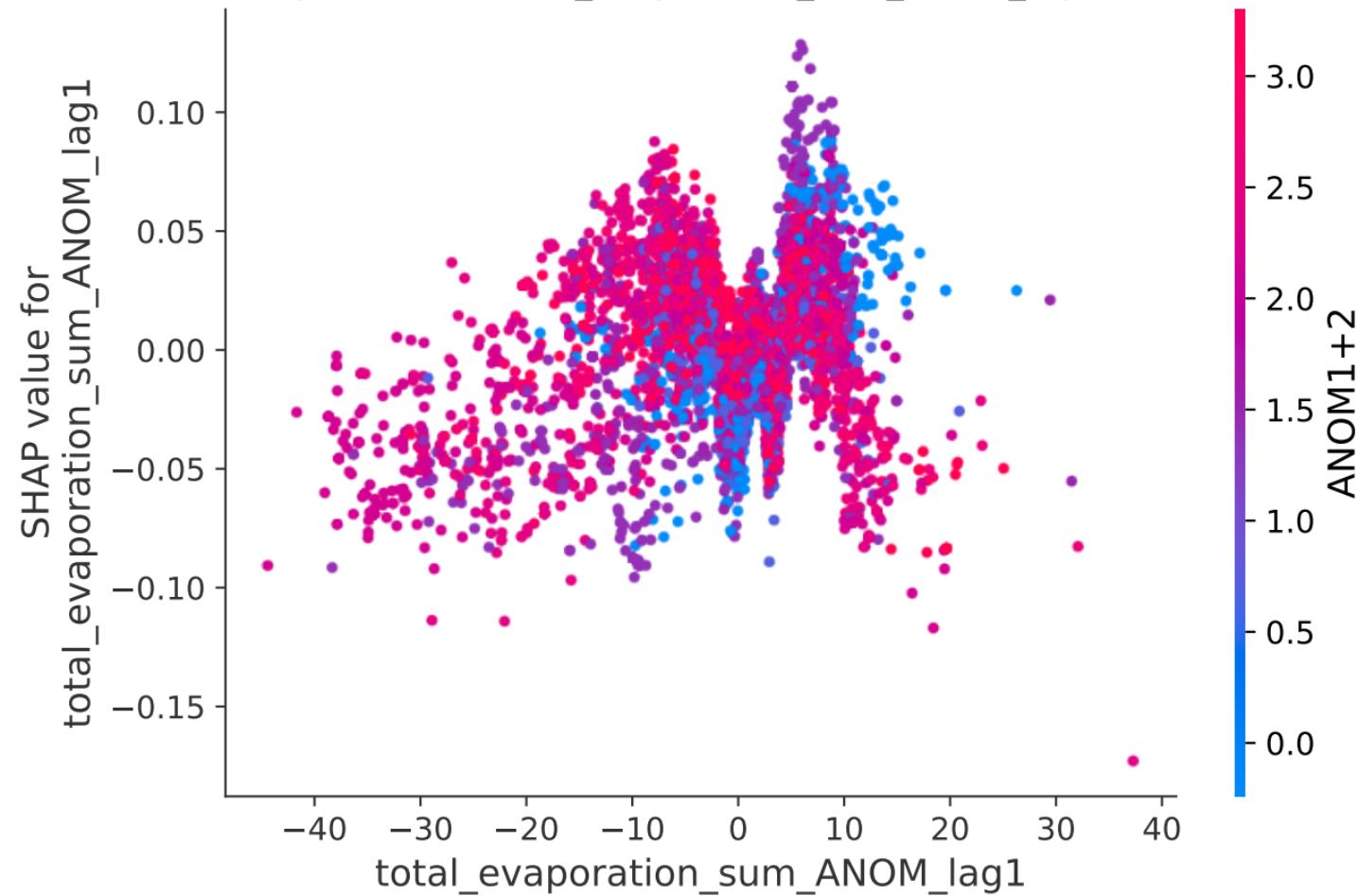
# SHAP Dependence - potential\_evaporation\_sum\_ANOM\_lag2 - Class 3

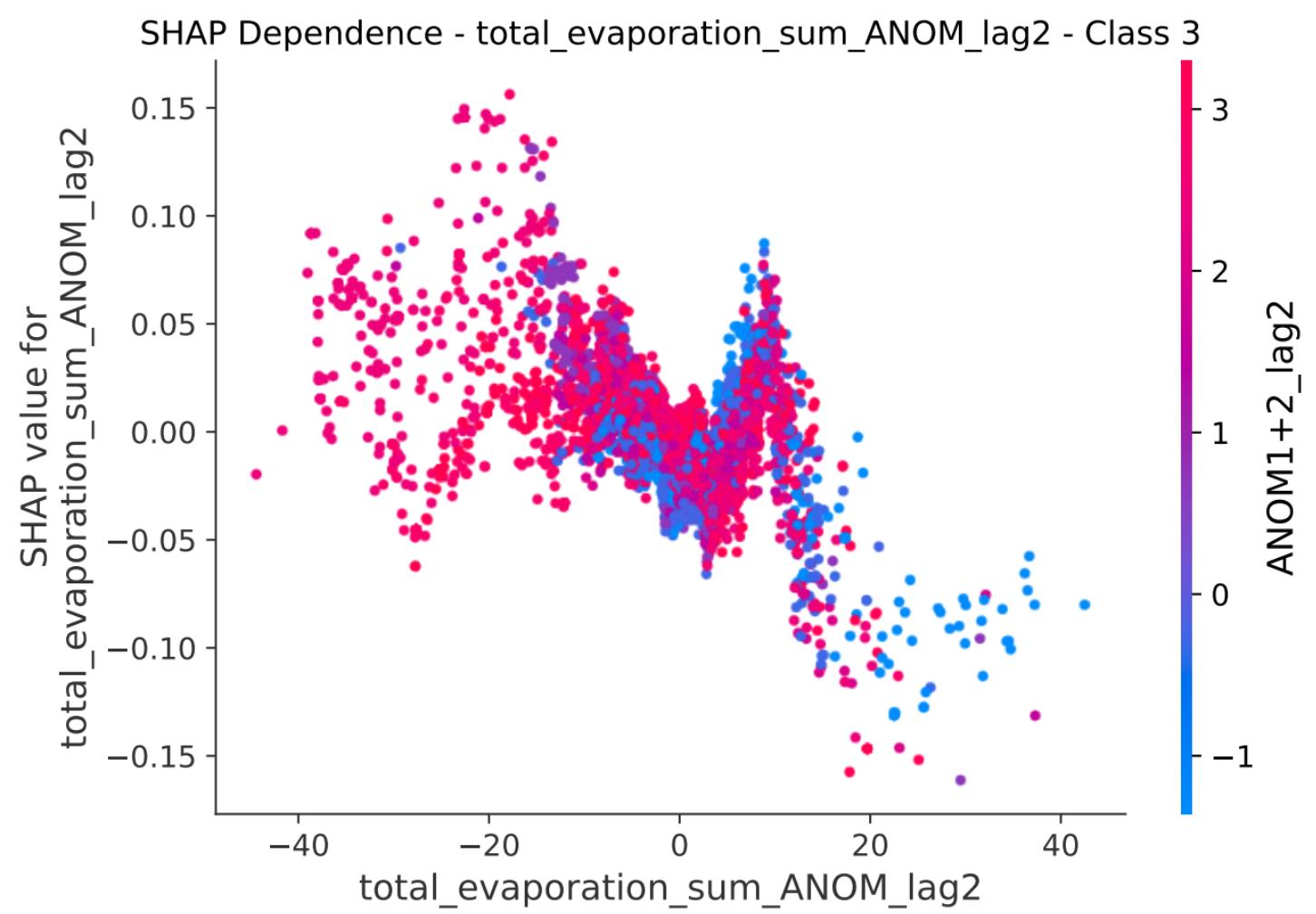


# SHAP Dependence - potential\_evaporation\_sum\_ANOM\_lag3 - Class 3

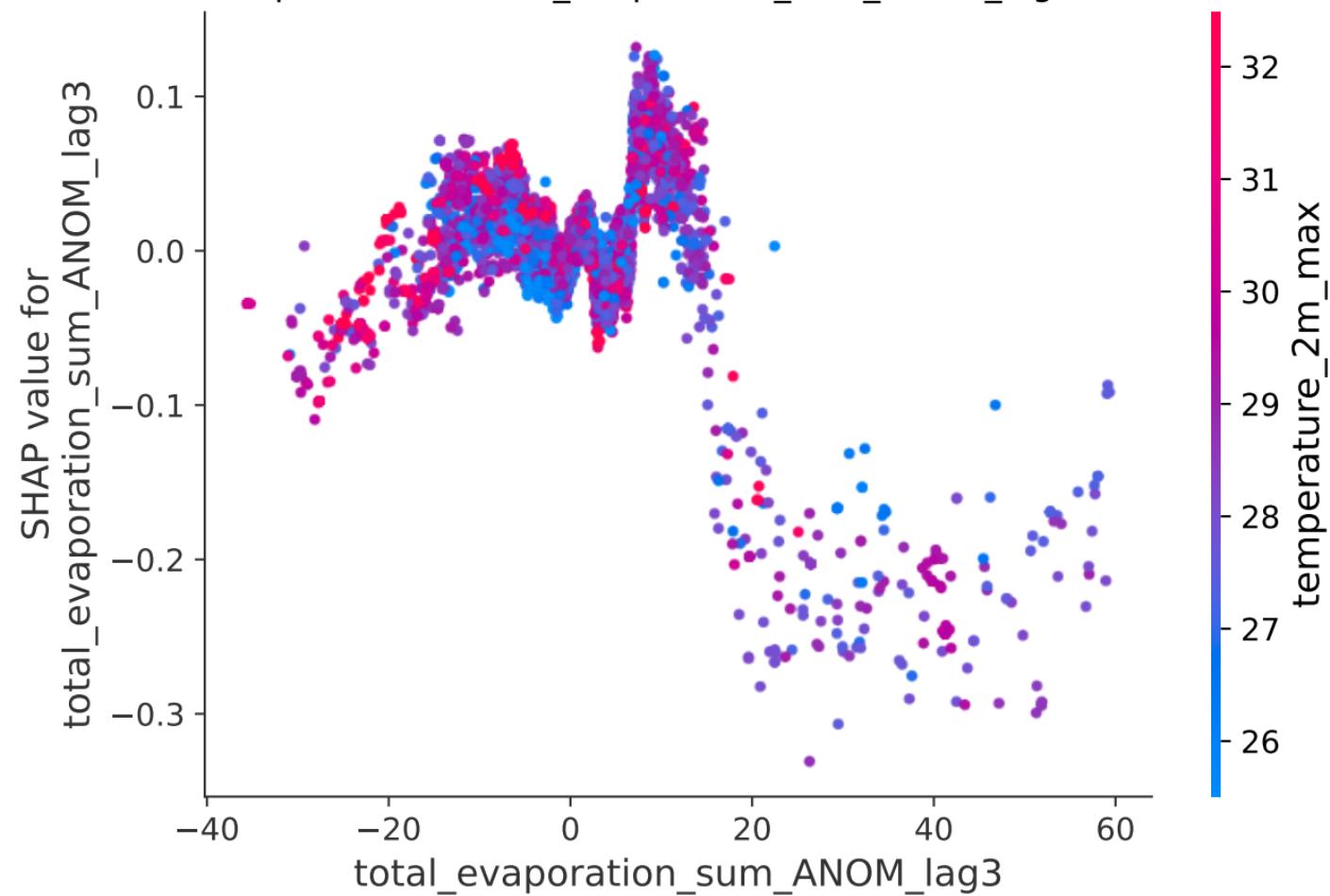


# SHAP Dependence - total\_evaporation\_sum\_ANOM\_lag1 - Class 3

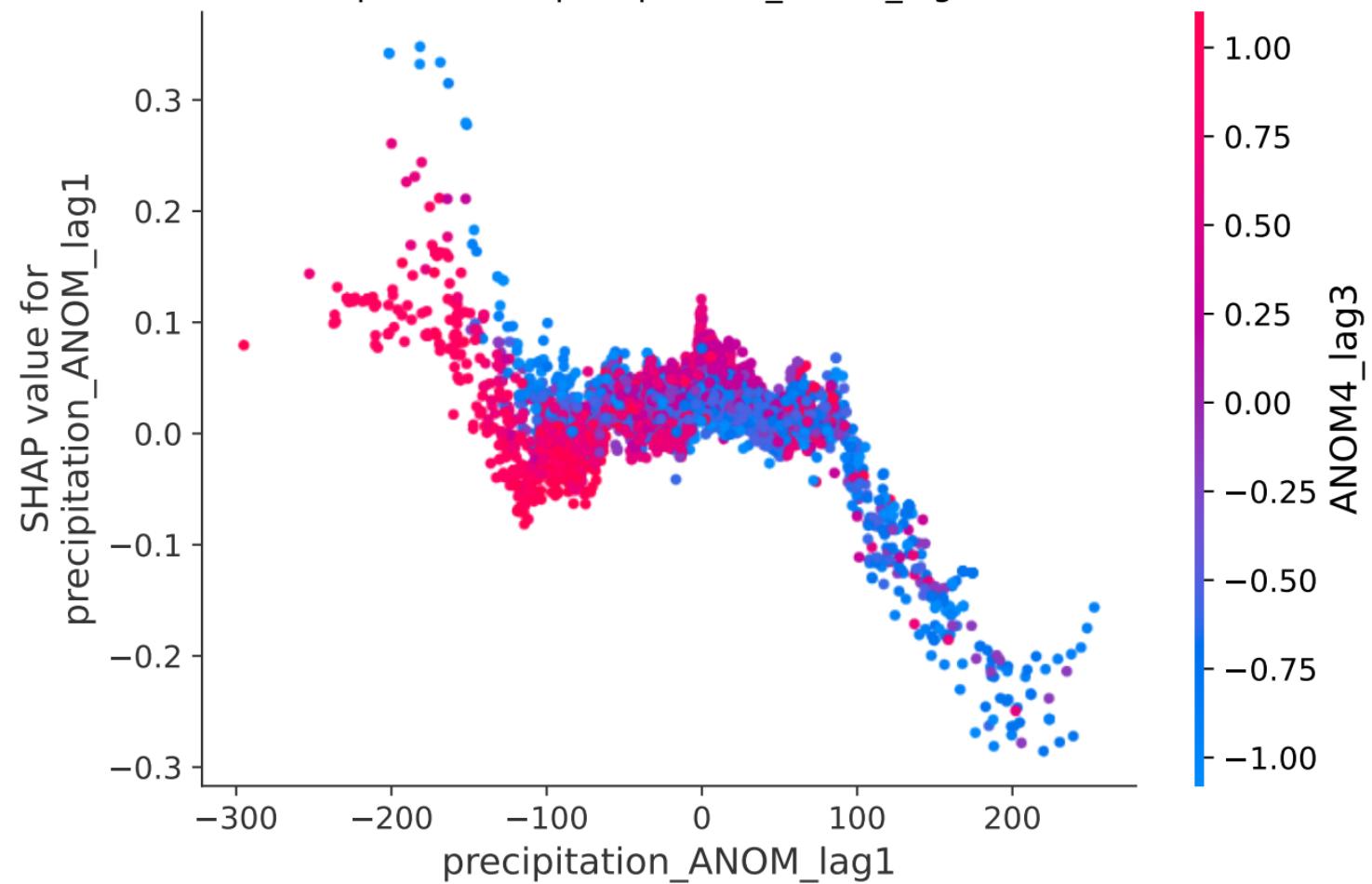




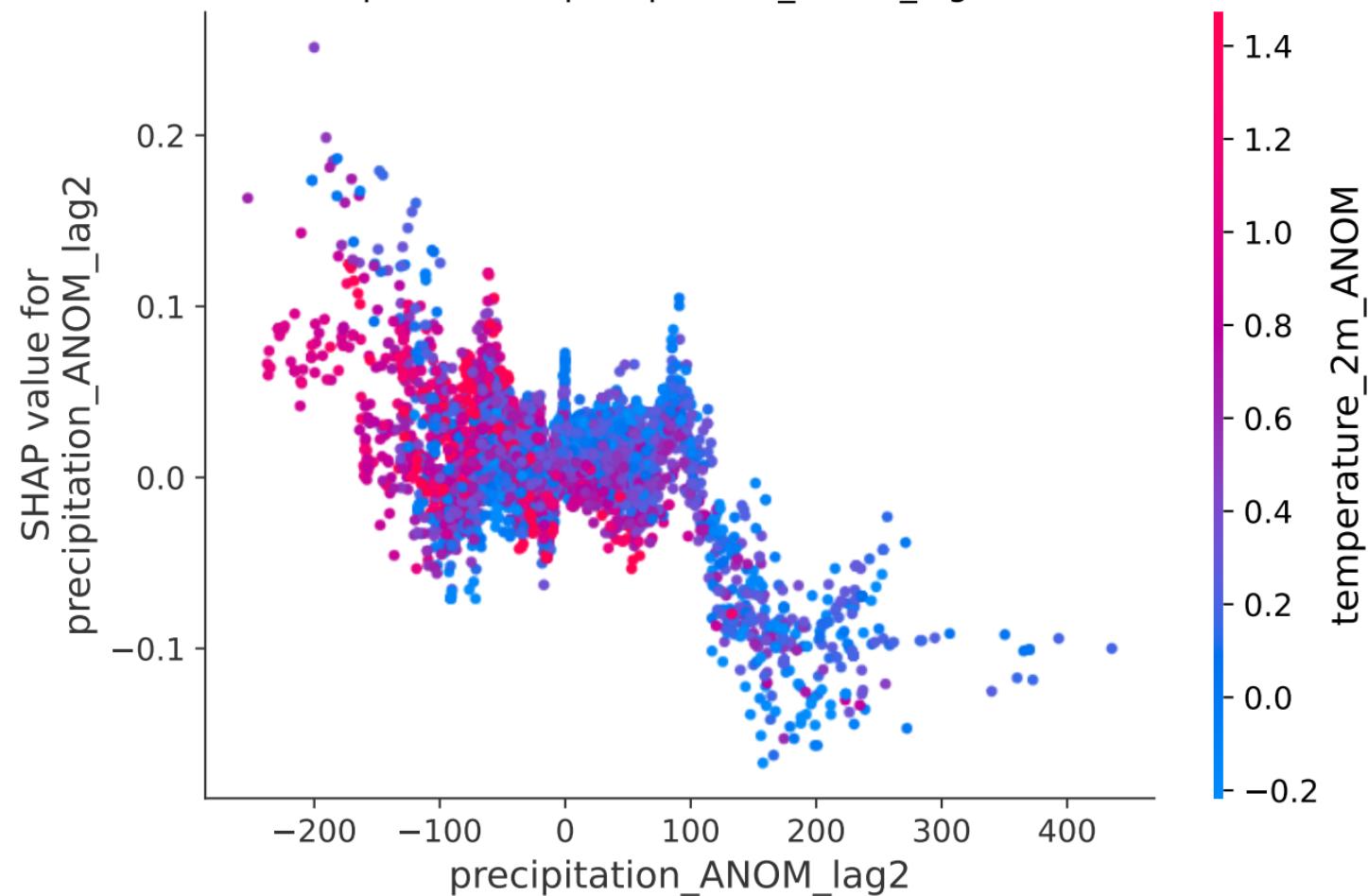
# SHAP Dependence - total\_evaporation\_sum\_ANOM\_lag3 - Class 3



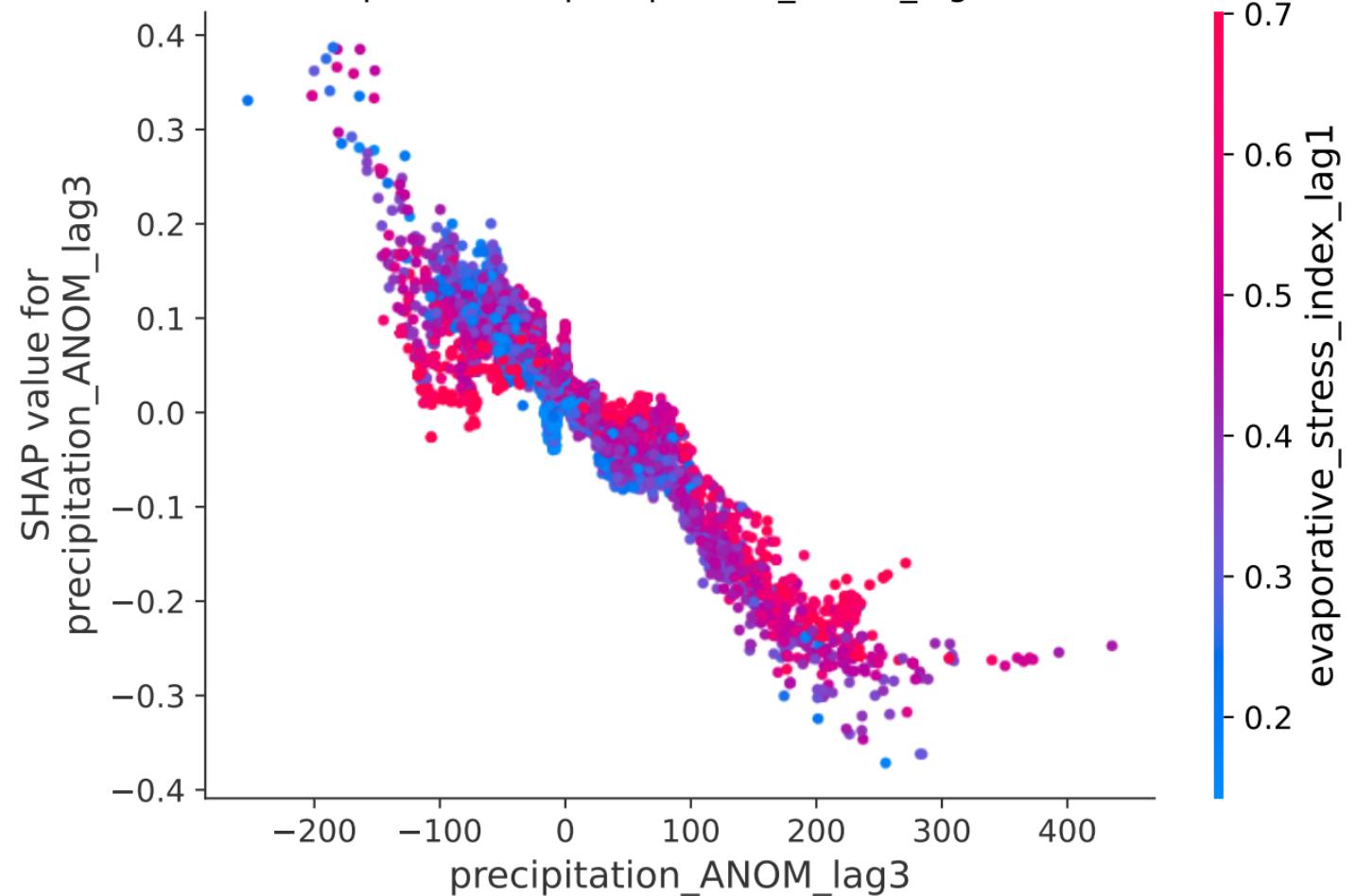
# SHAP Dependence - precipitation\_ANOM\_lag1 - Class 3



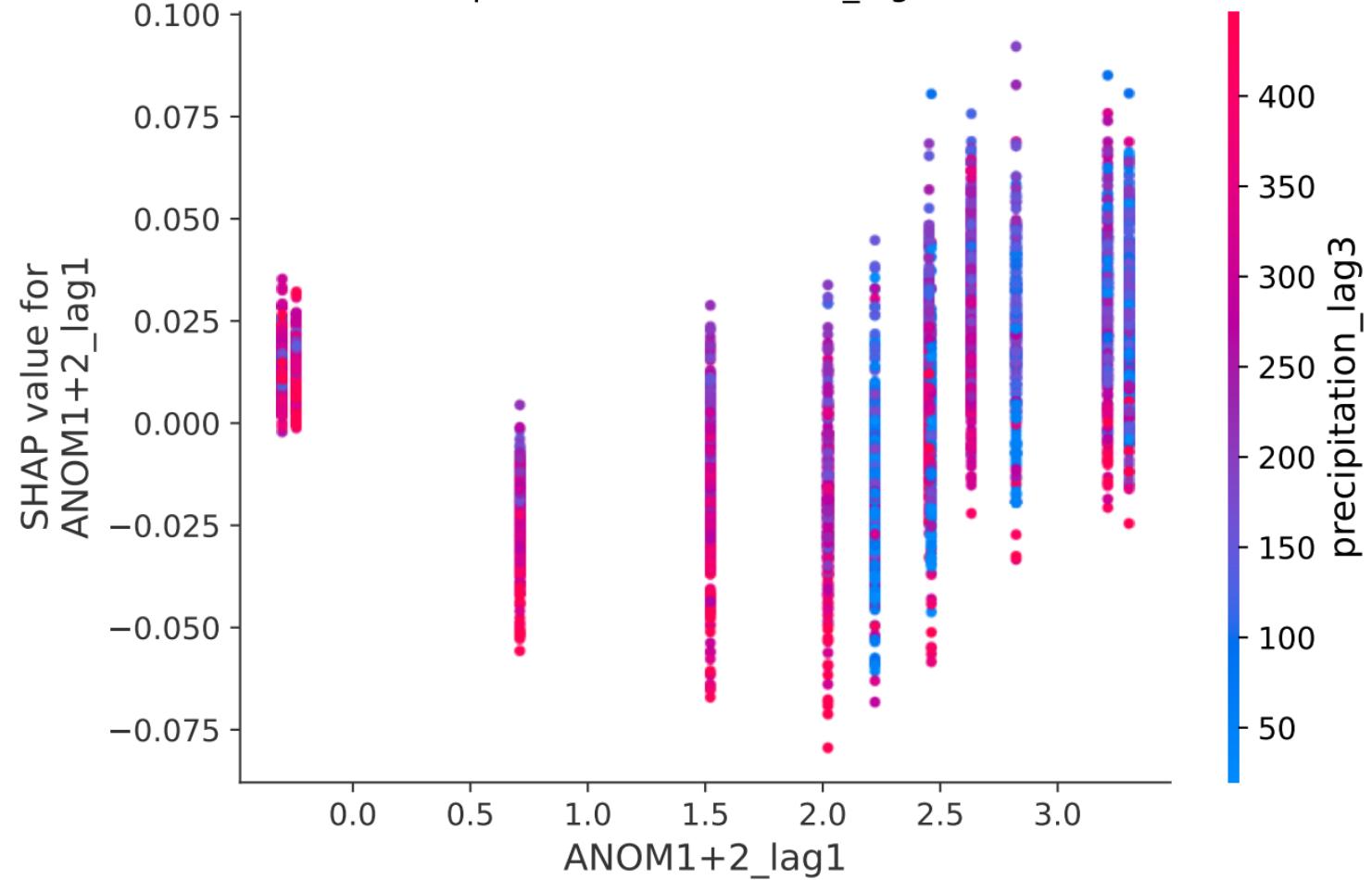
# SHAP Dependence - precipitation\_ANOM\_lag2 - Class 3



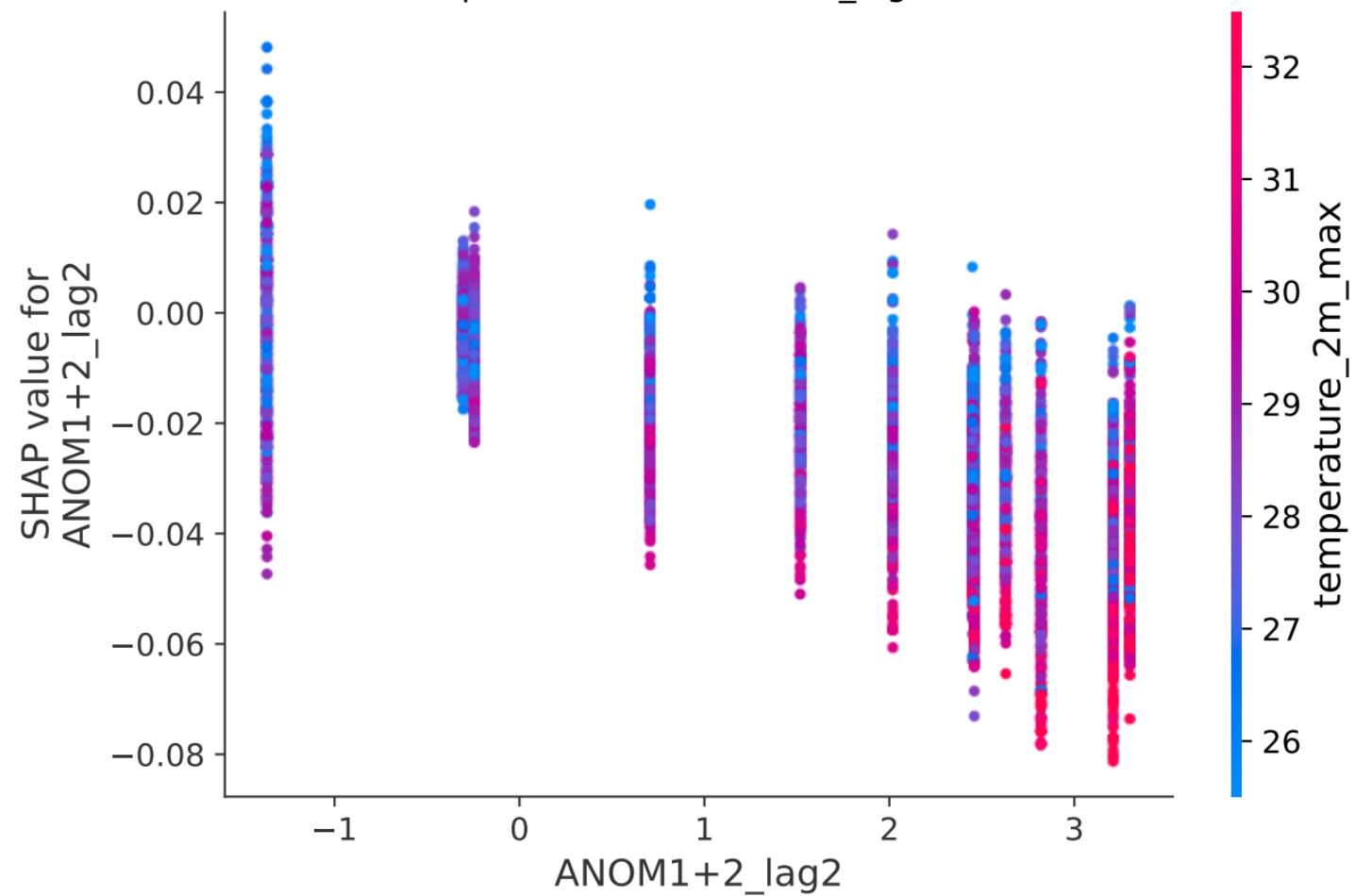
### SHAP Dependence - precipitation\_ANOM\_lag3 - Class 3



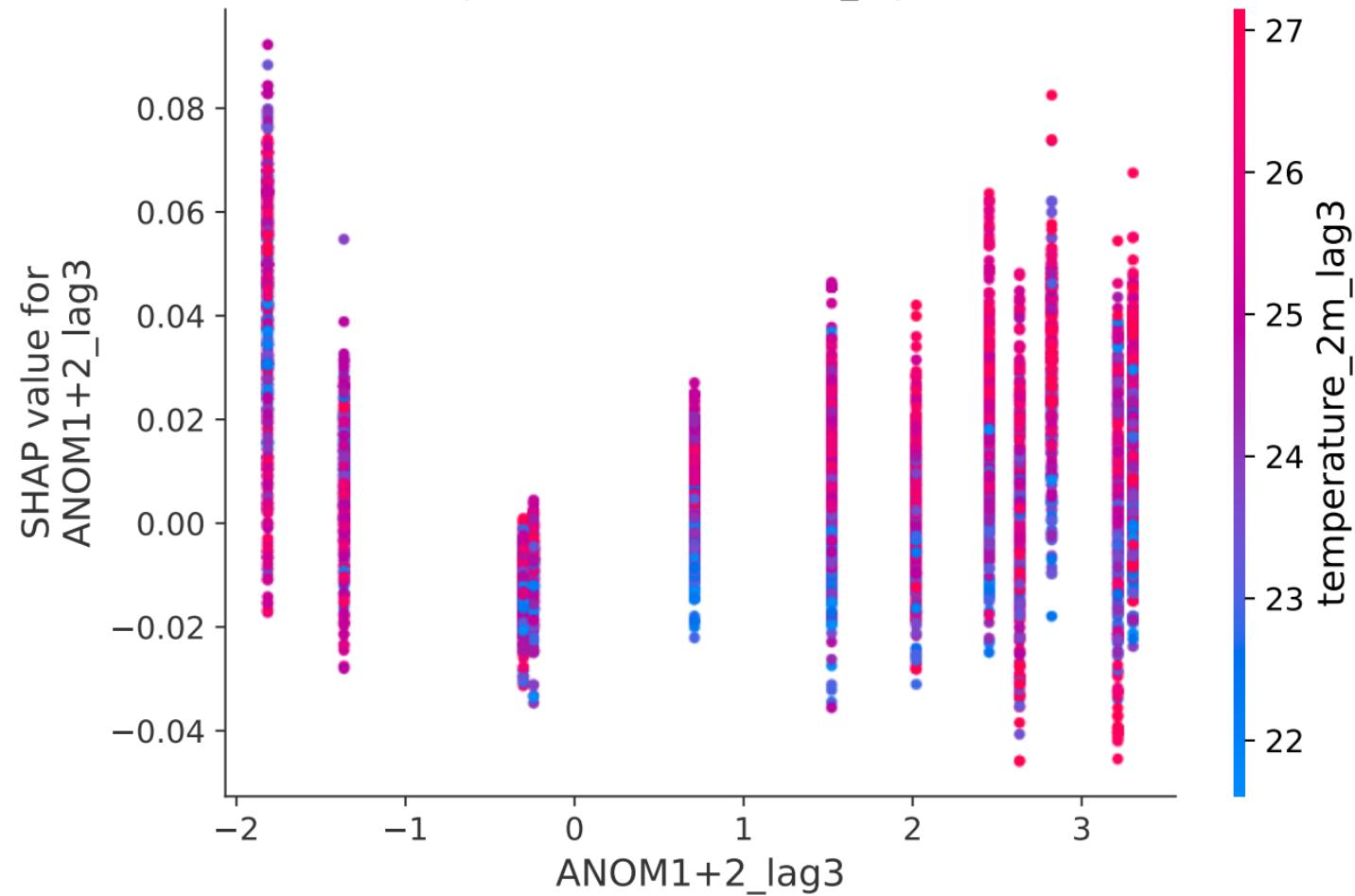
# SHAP Dependence - ANOM1+2\_lag1 - Class 3



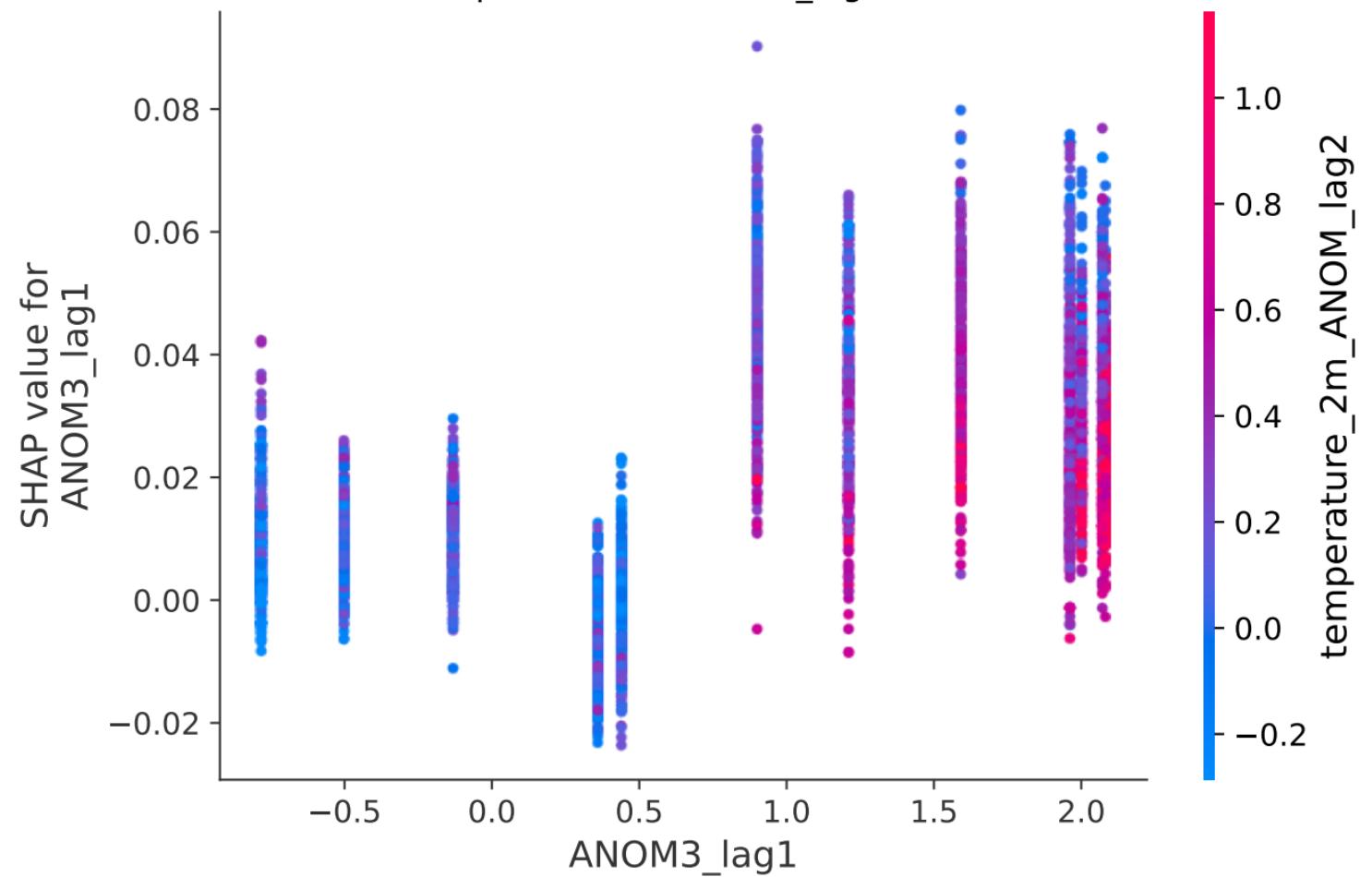
# SHAP Dependence - ANOM1+2\_lag2 - Class 3



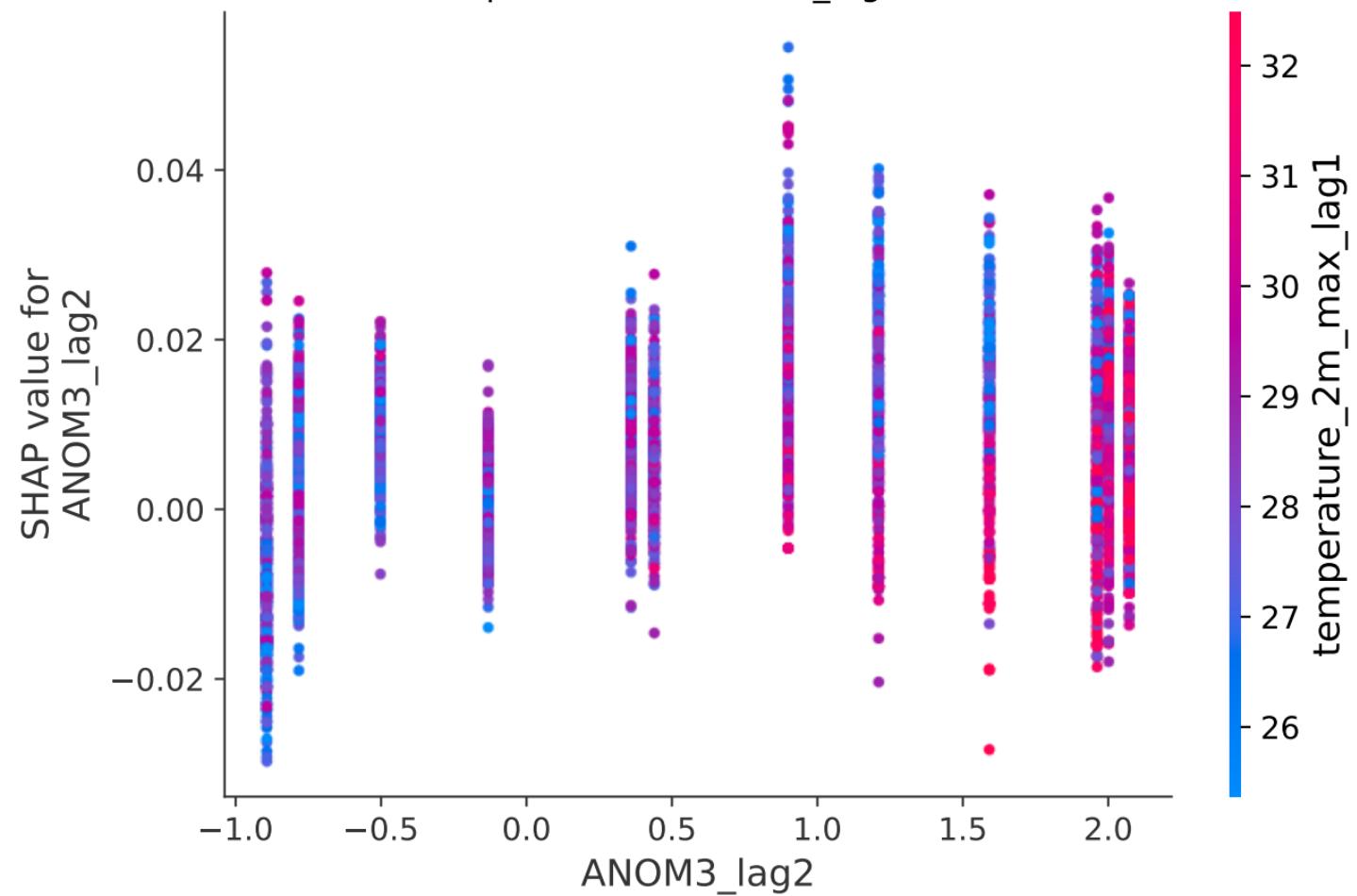
# SHAP Dependence - ANOM1+2\_lag3 - Class 3



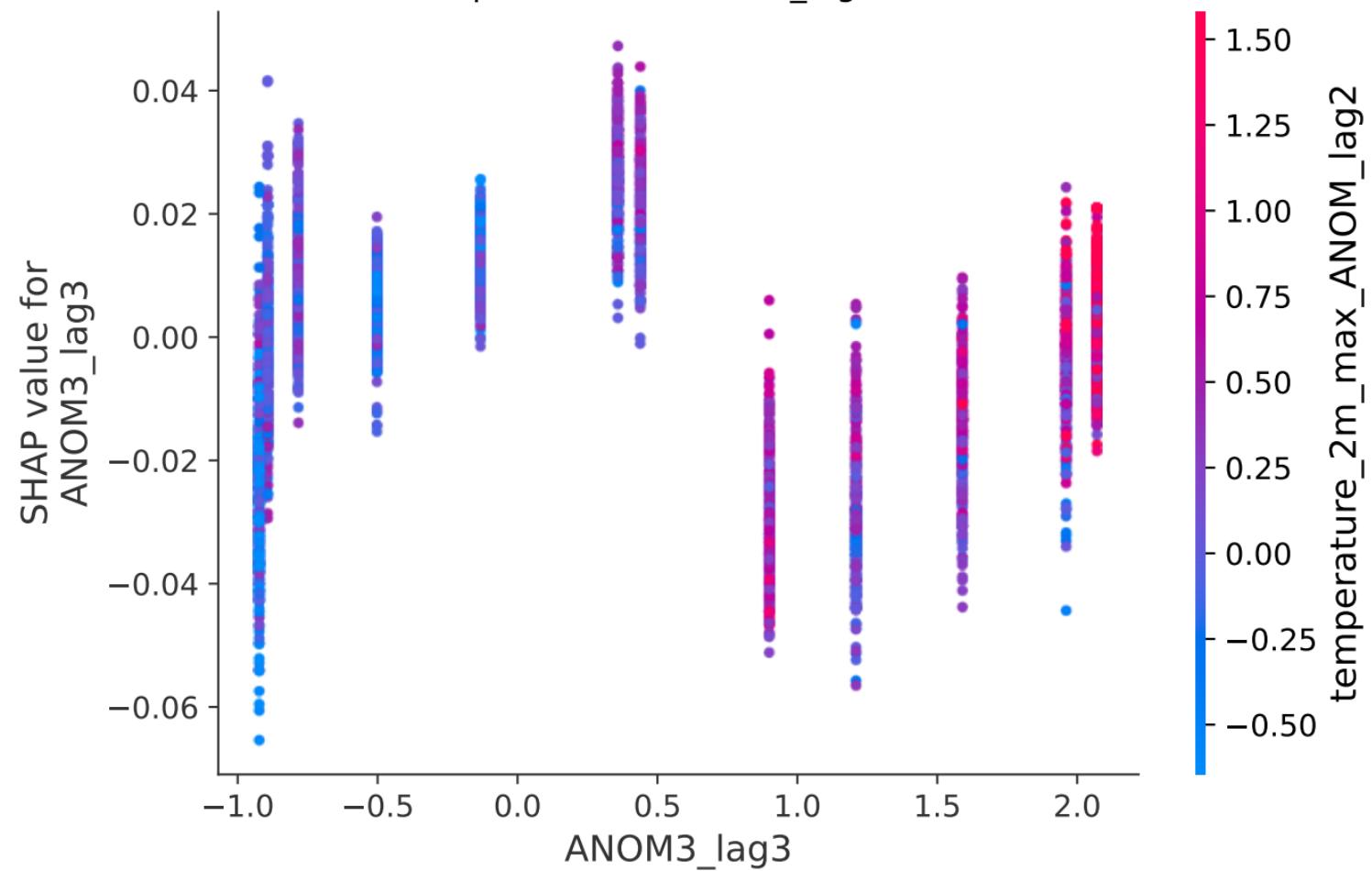
# SHAP Dependence - ANOM3\_lag1 - Class 3



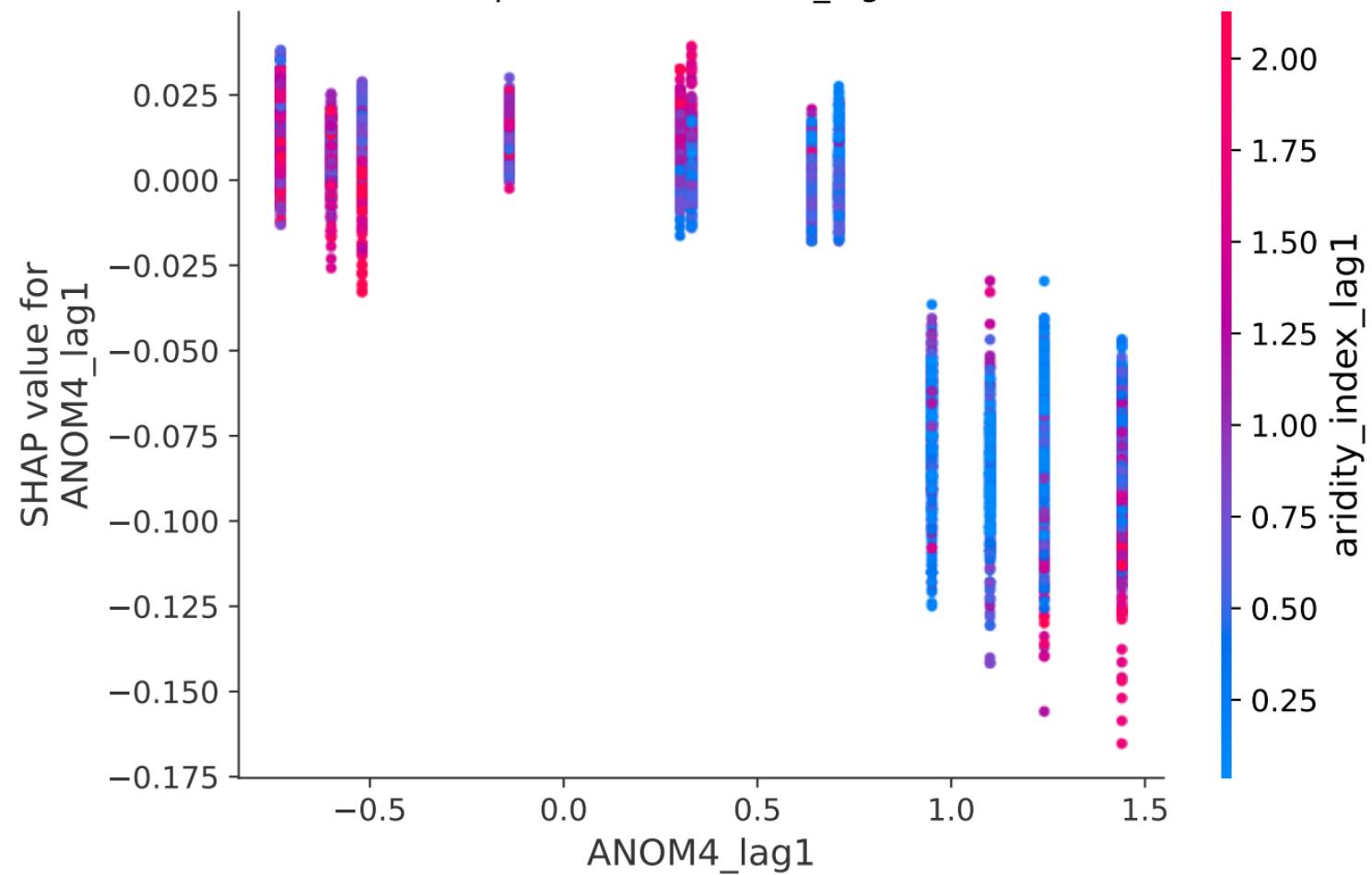
# SHAP Dependence - ANOM3\_lag2 - Class 3



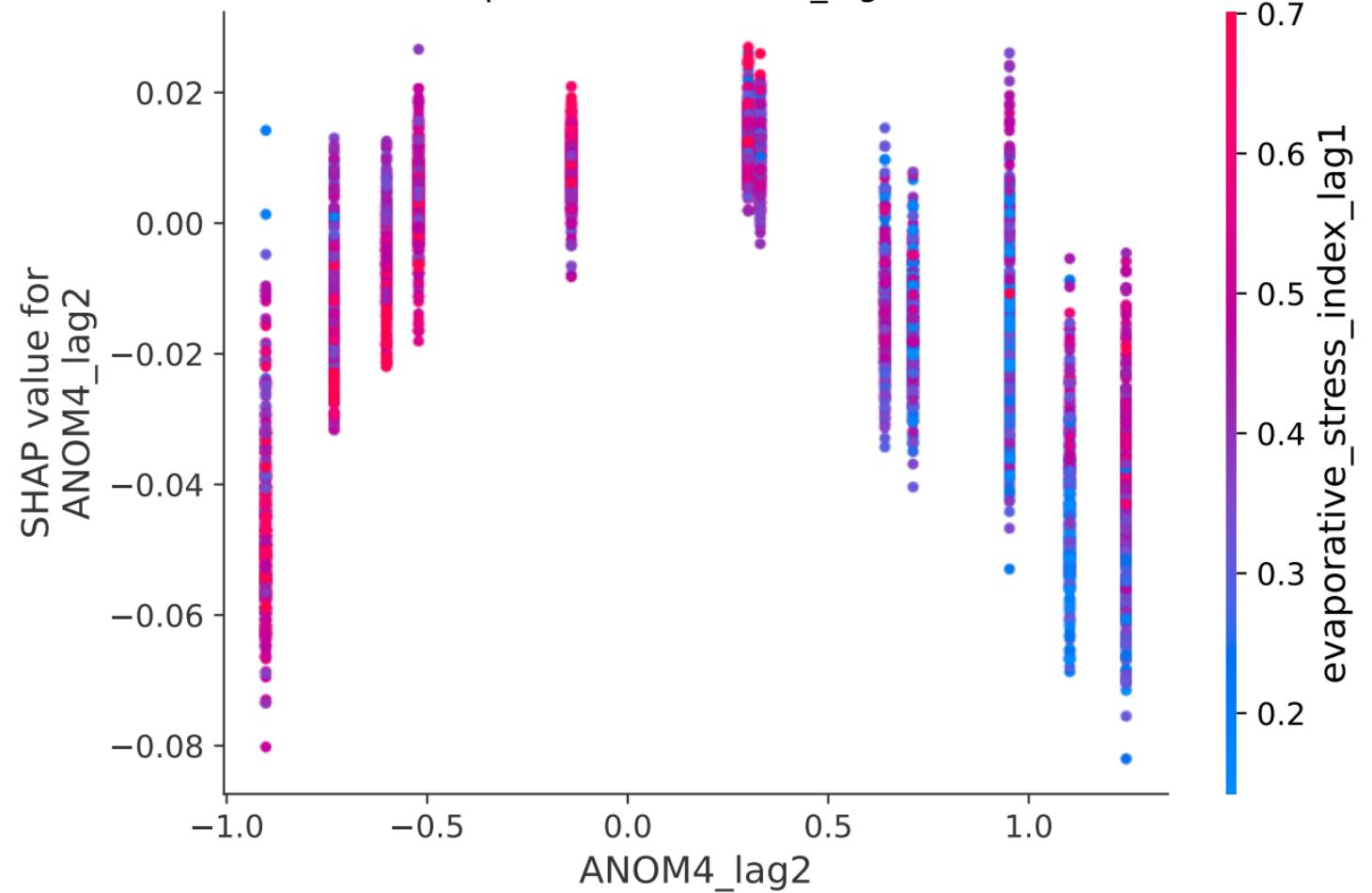
# SHAP Dependence - ANOM3\_lag3 - Class 3



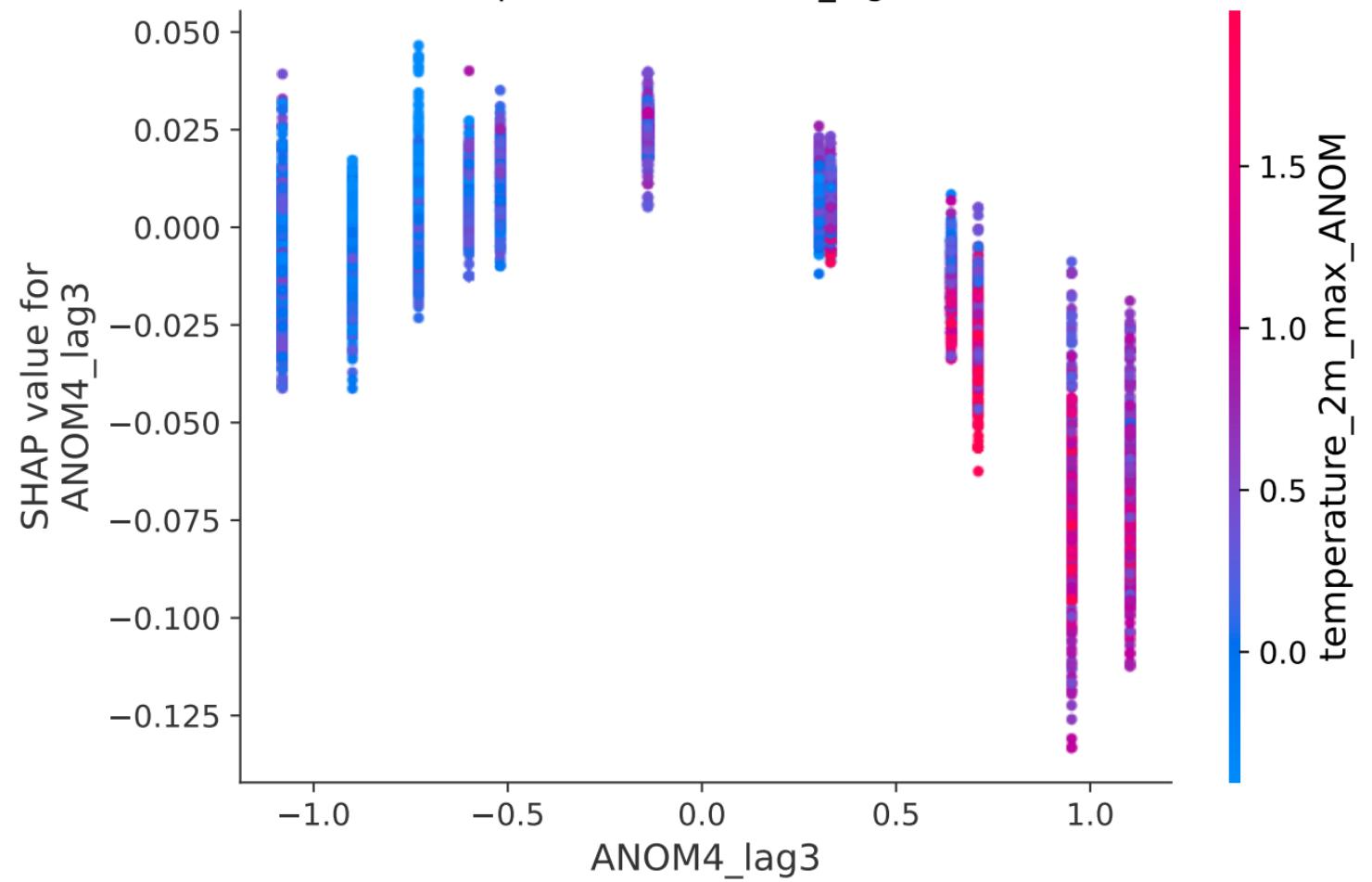
# SHAP Dependence - ANOM4\_lag1 - Class 3



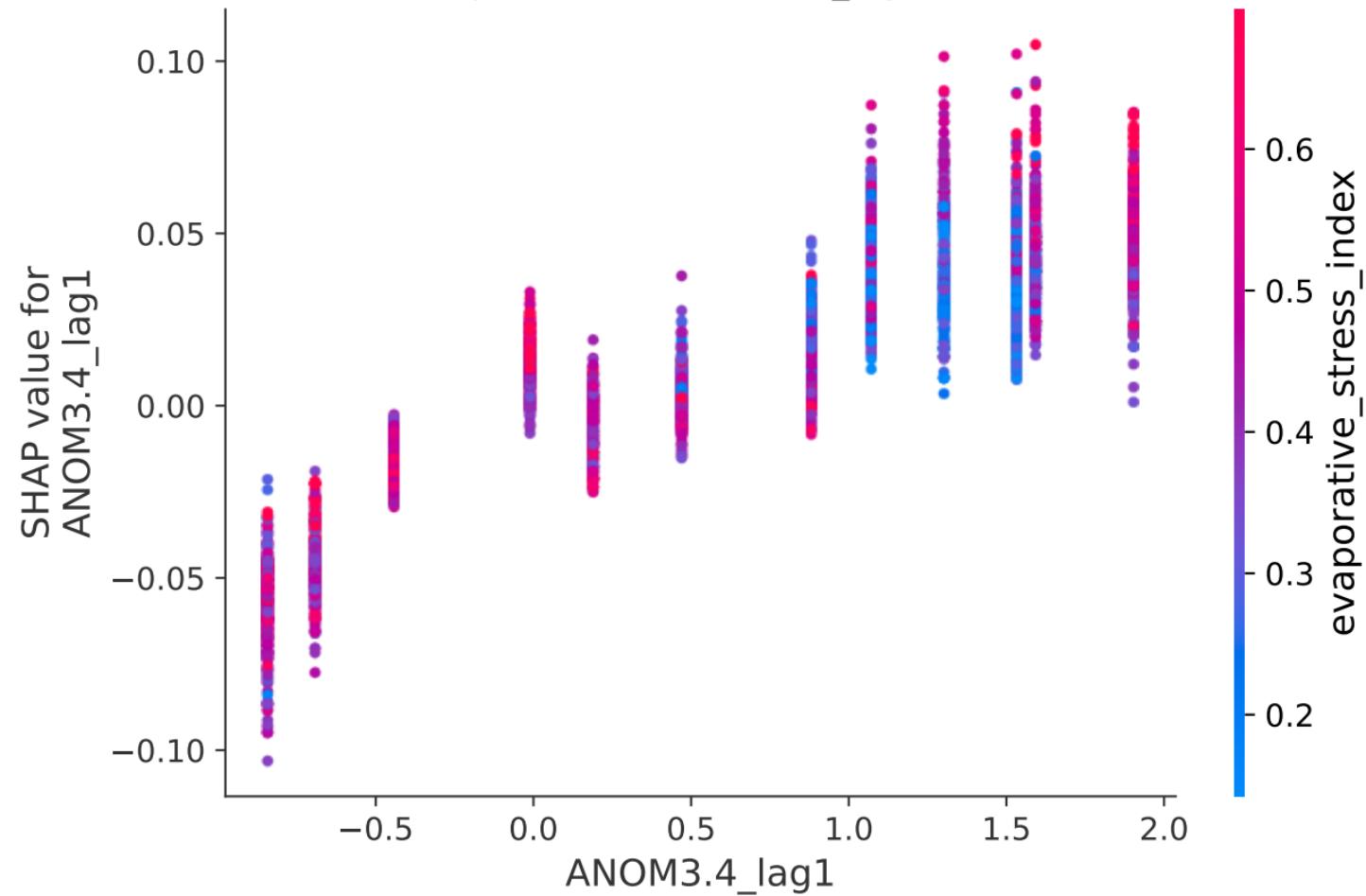
# SHAP Dependence - ANOM4\_lag2 - Class 3



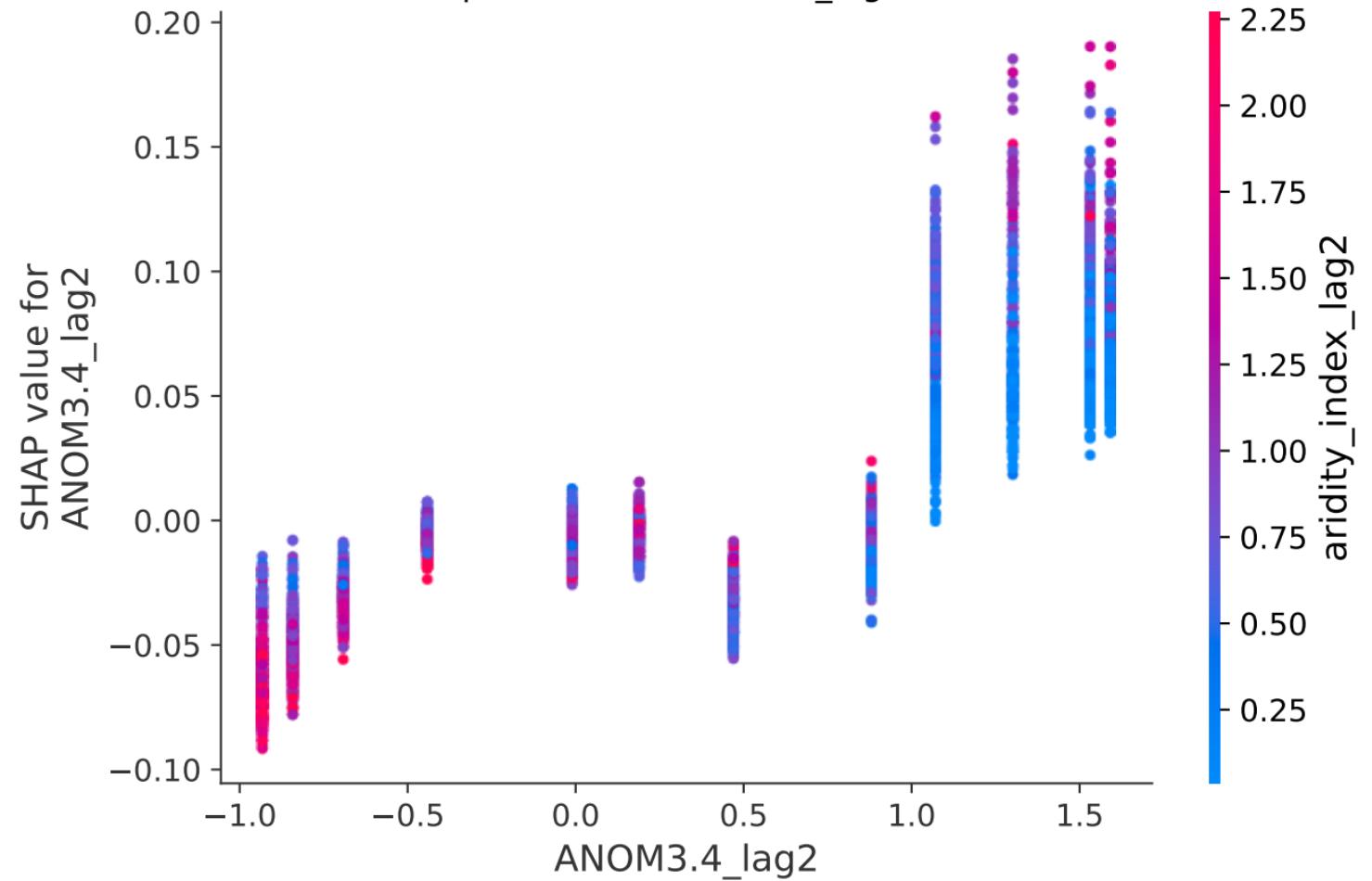
### SHAP Dependence - ANOM4\_lag3 - Class 3



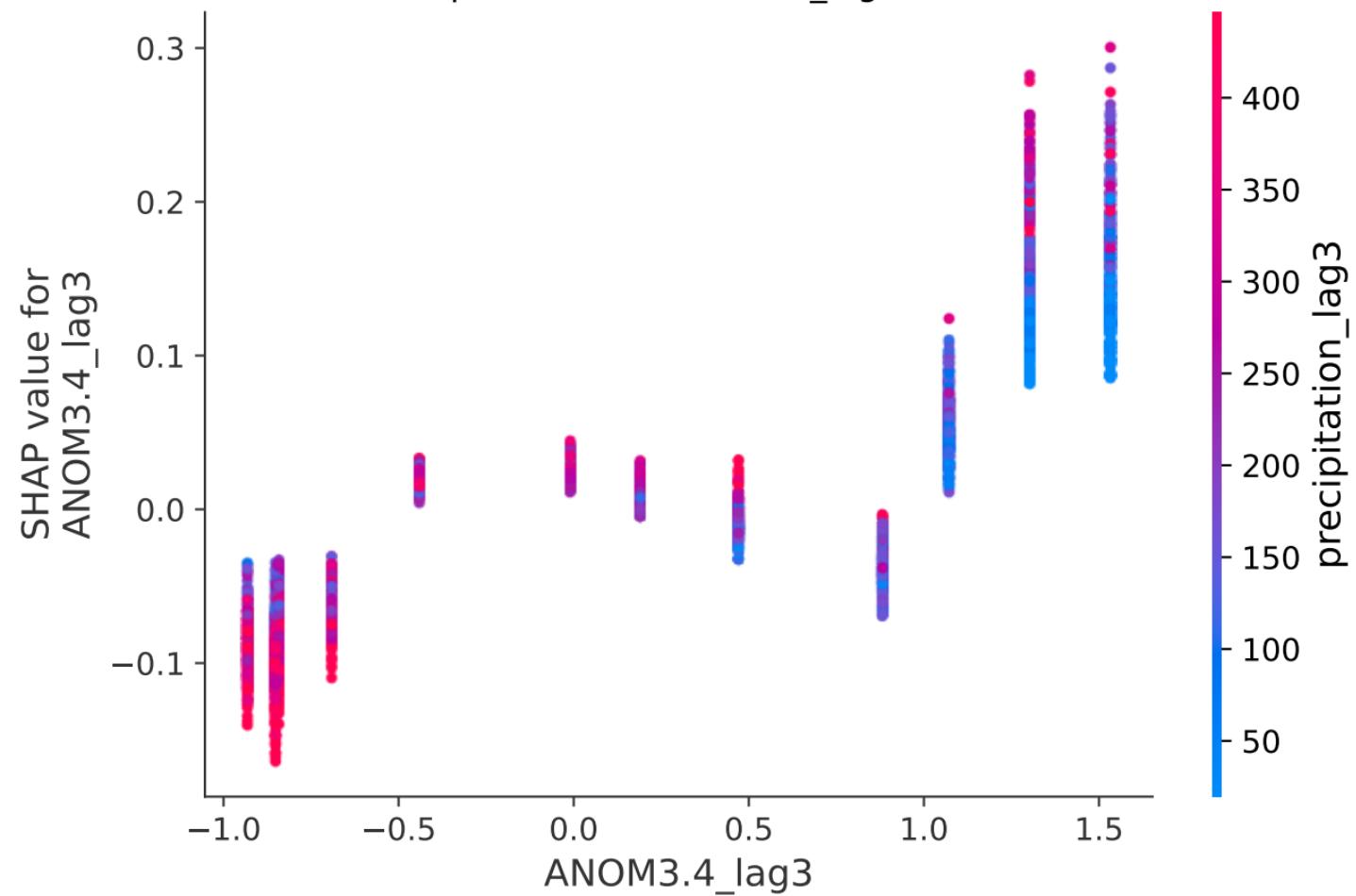
# SHAP Dependence - ANOM3.4\_lag1 - Class 3



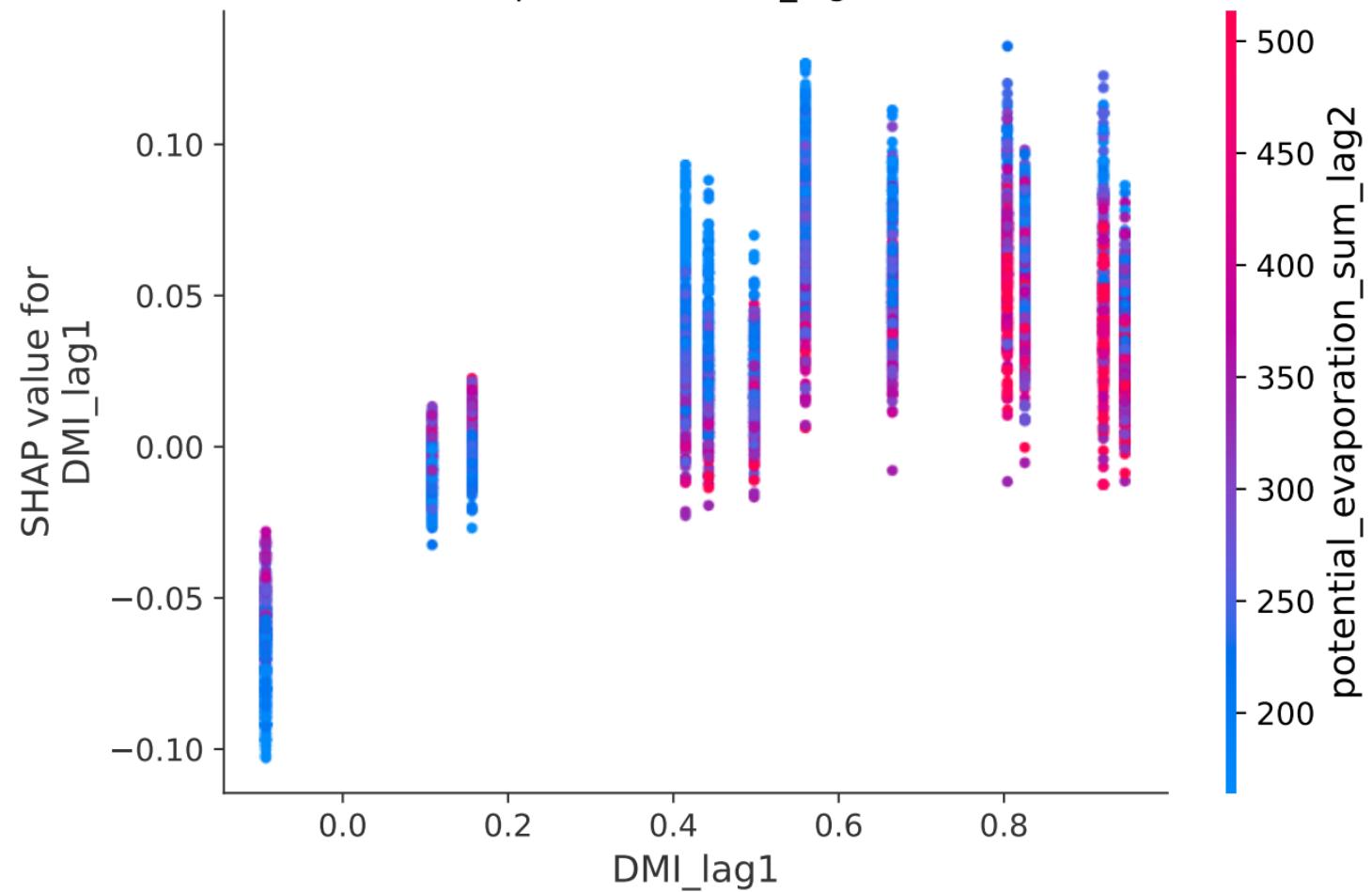
# SHAP Dependence - ANOM3.4\_lag2 - Class 3



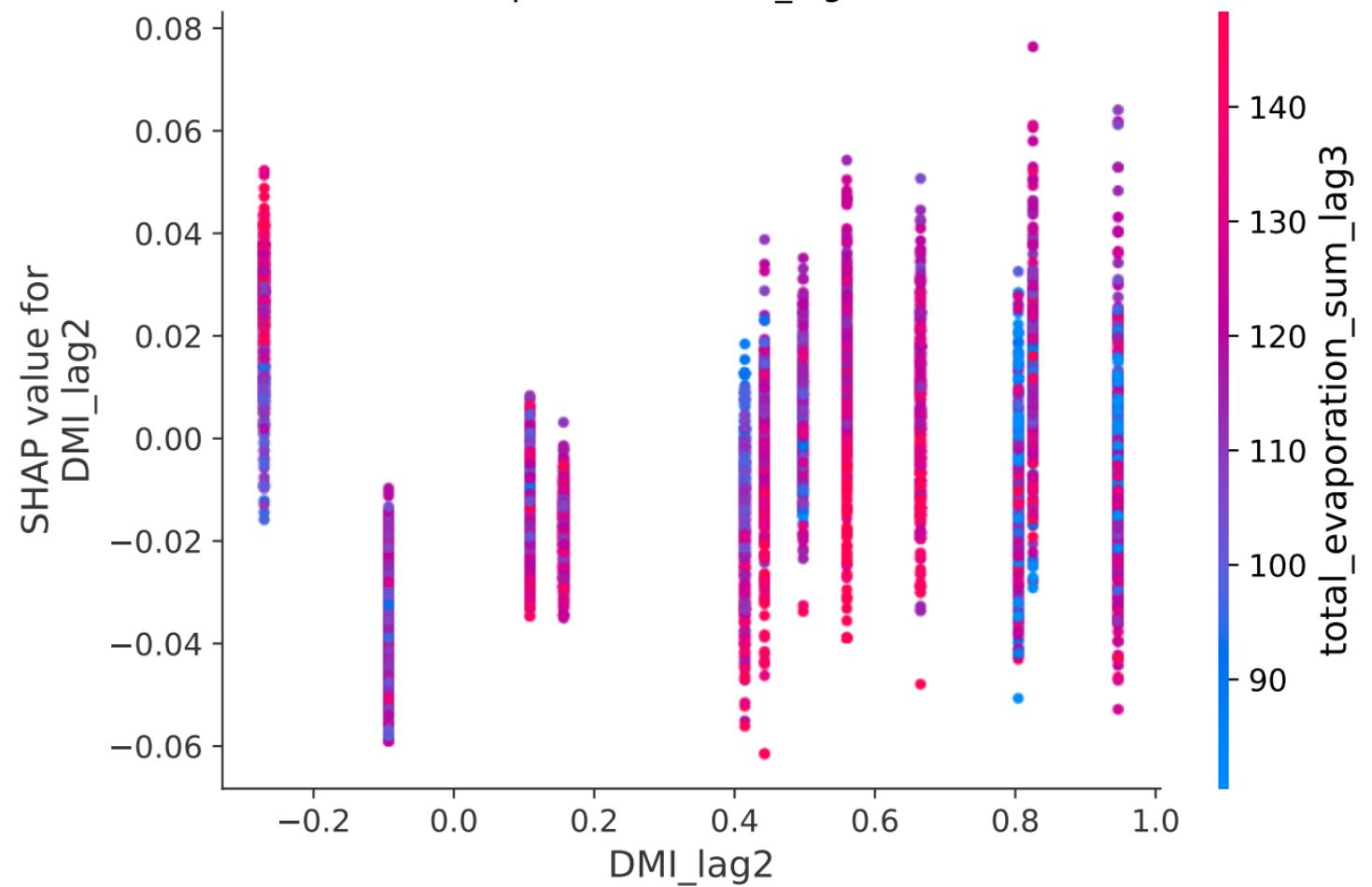
# SHAP Dependence - ANOM3.4\_lag3 - Class 3



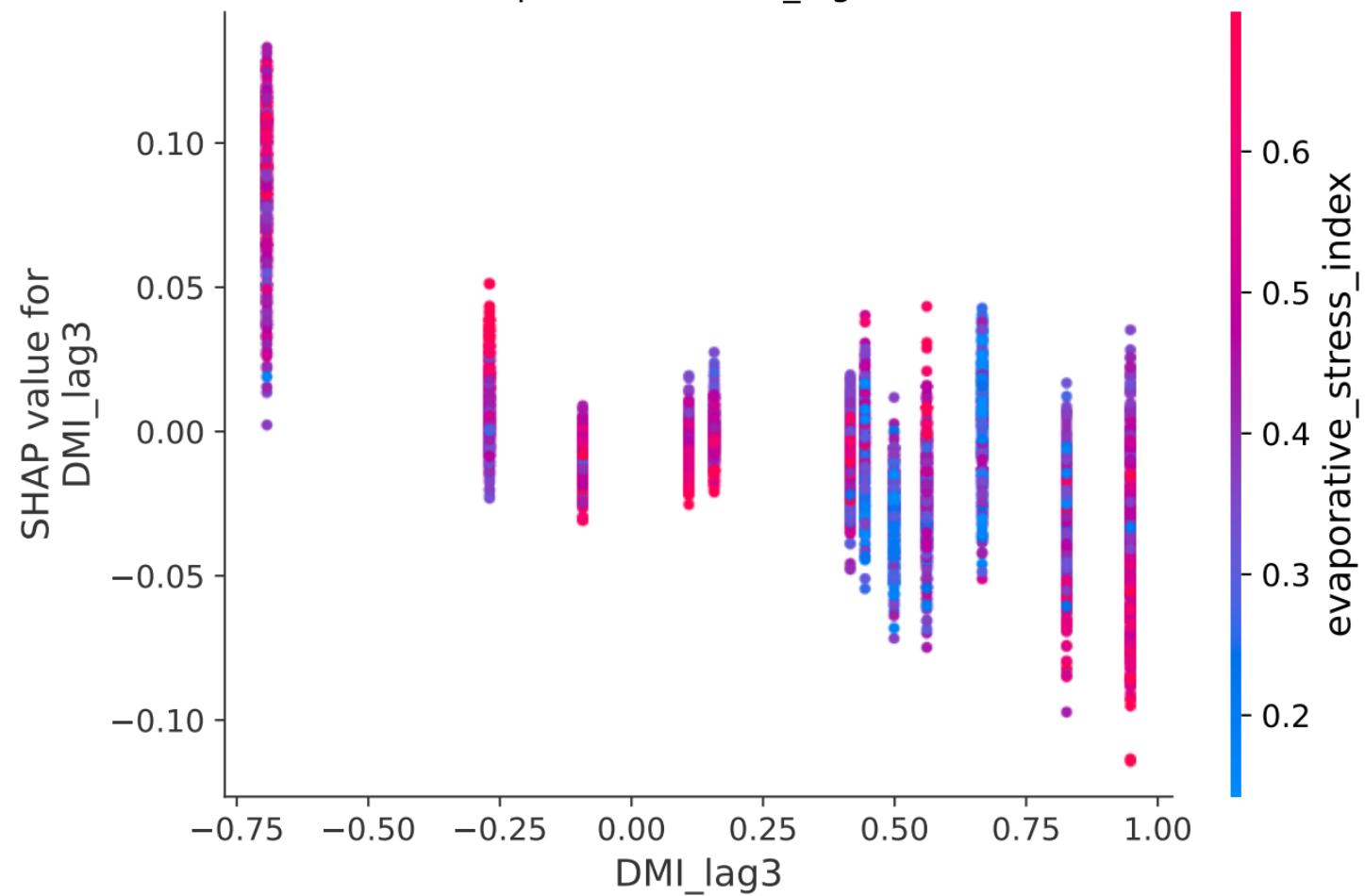
# SHAP Dependence - DMI\_lag1 - Class 3



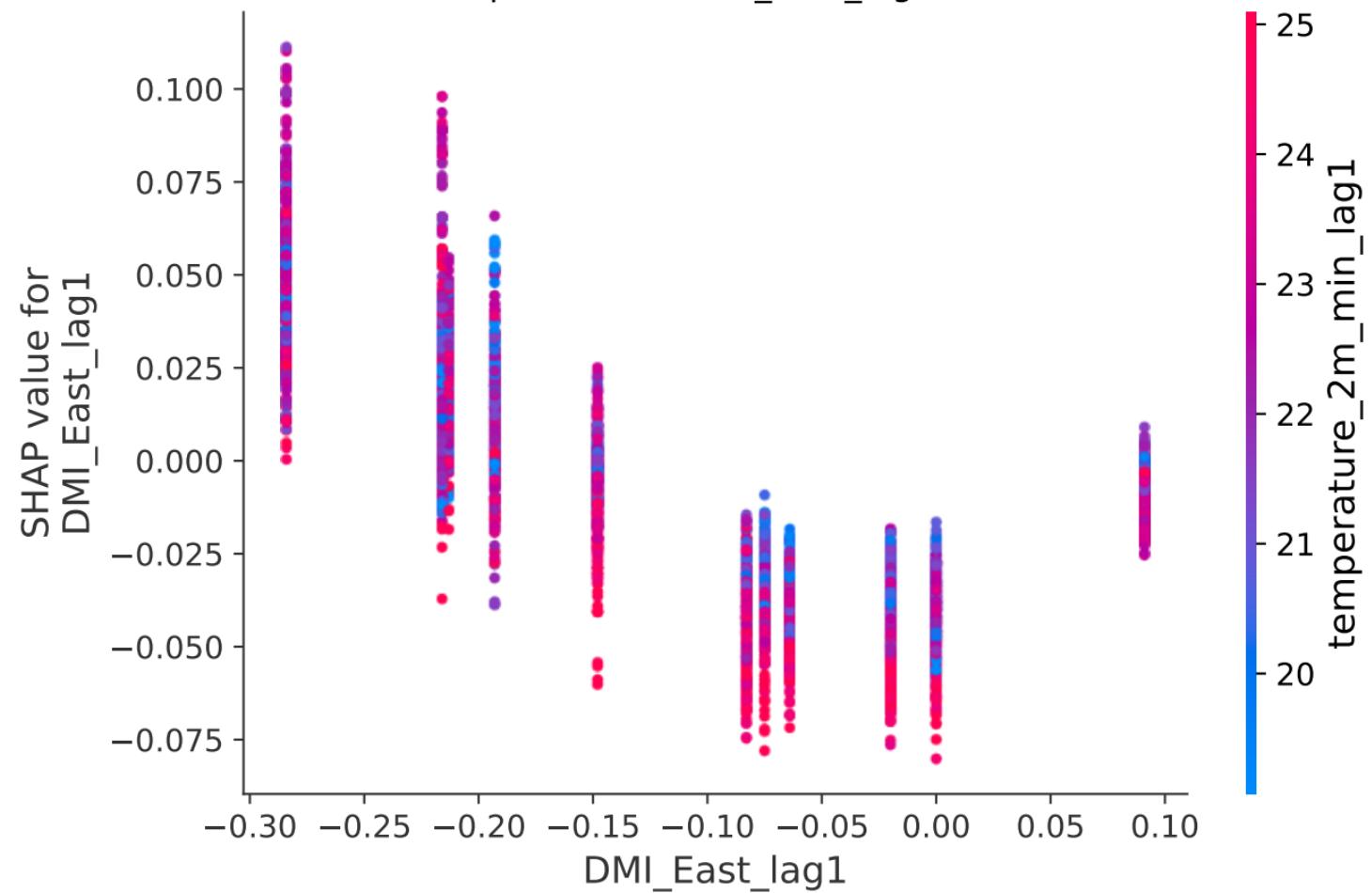
### SHAP Dependence - DMI\_lag2 - Class 3



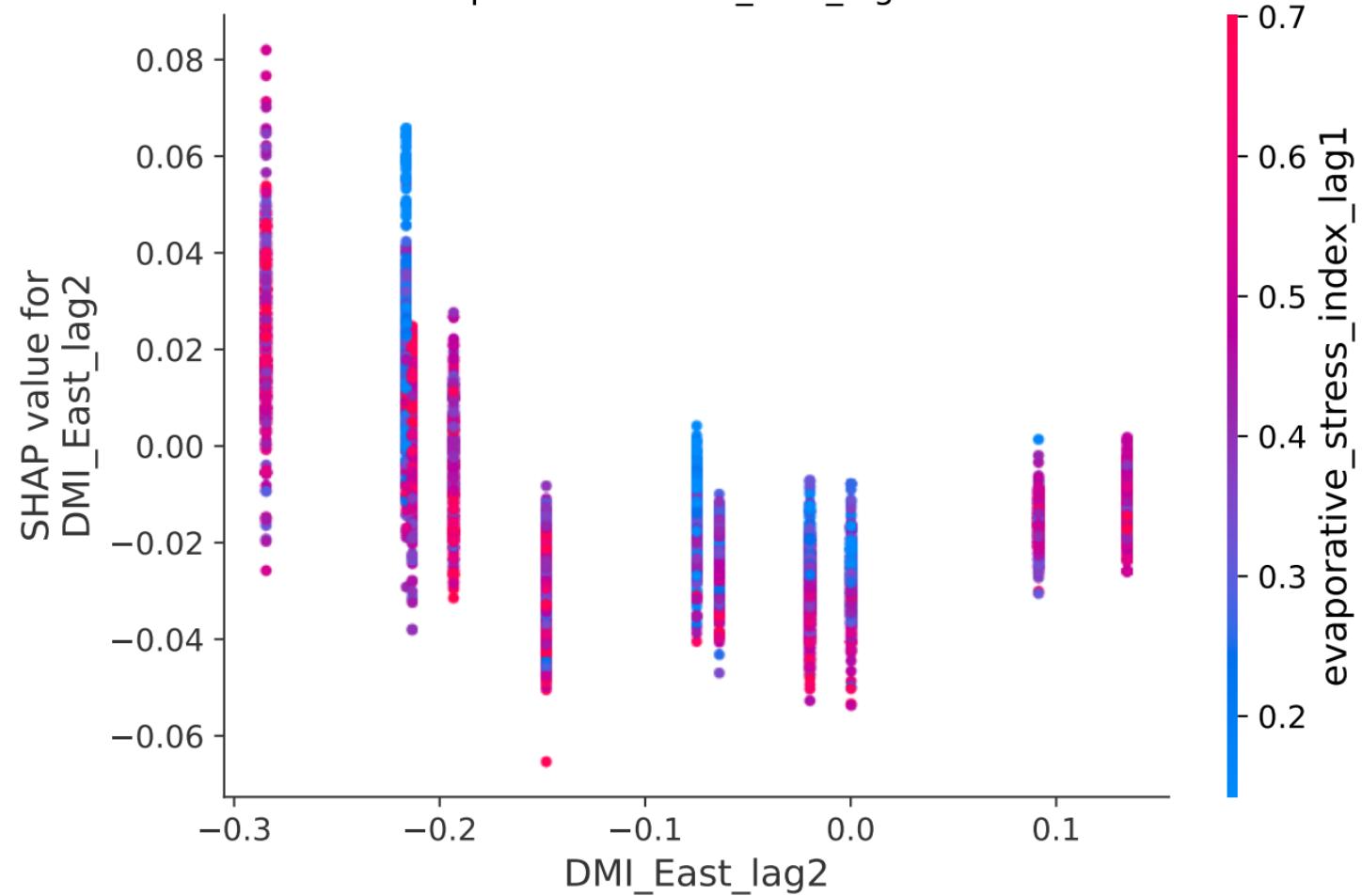
### SHAP Dependence - DMI\_lag3 - Class 3



# SHAP Dependence - DMI\_East\_lag1 - Class 3



### SHAP Dependence - DMI\_East\_lag2 - Class 3



# SHAP Dependence - DMI\_East\_lag3 - Class 3

SHAP value for  
DMI\_East\_lag3

