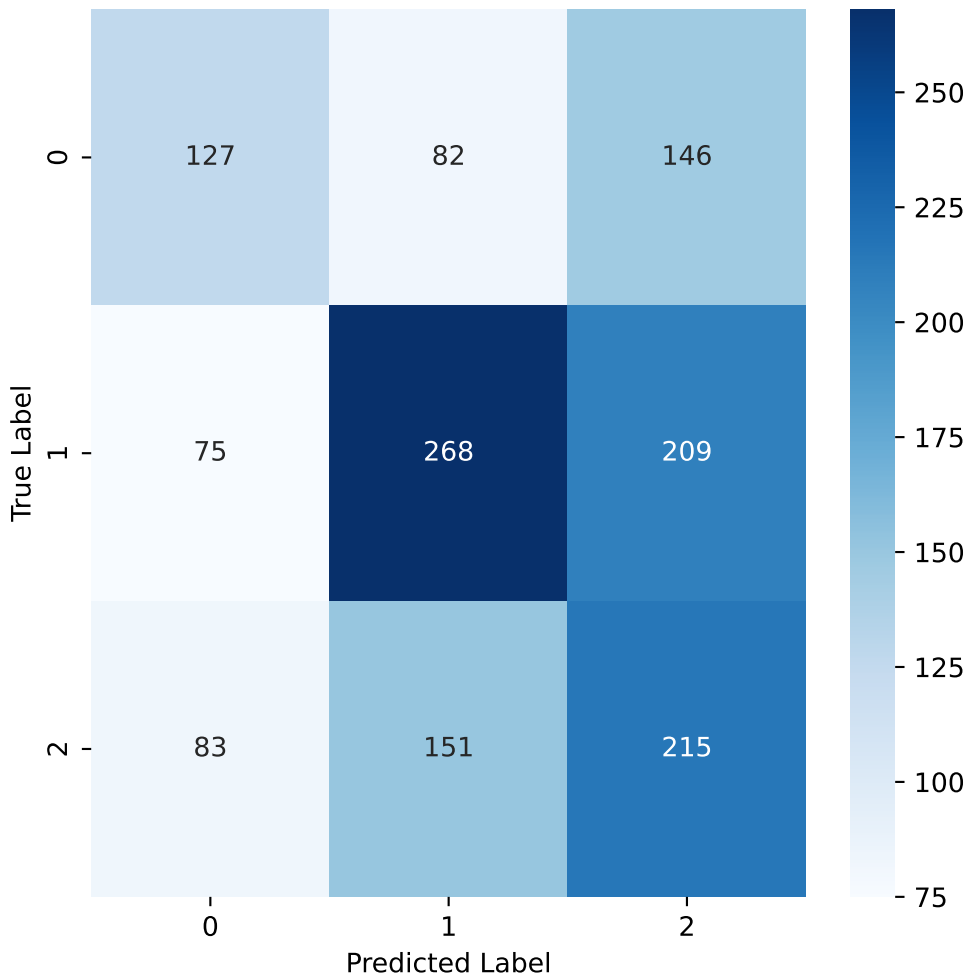
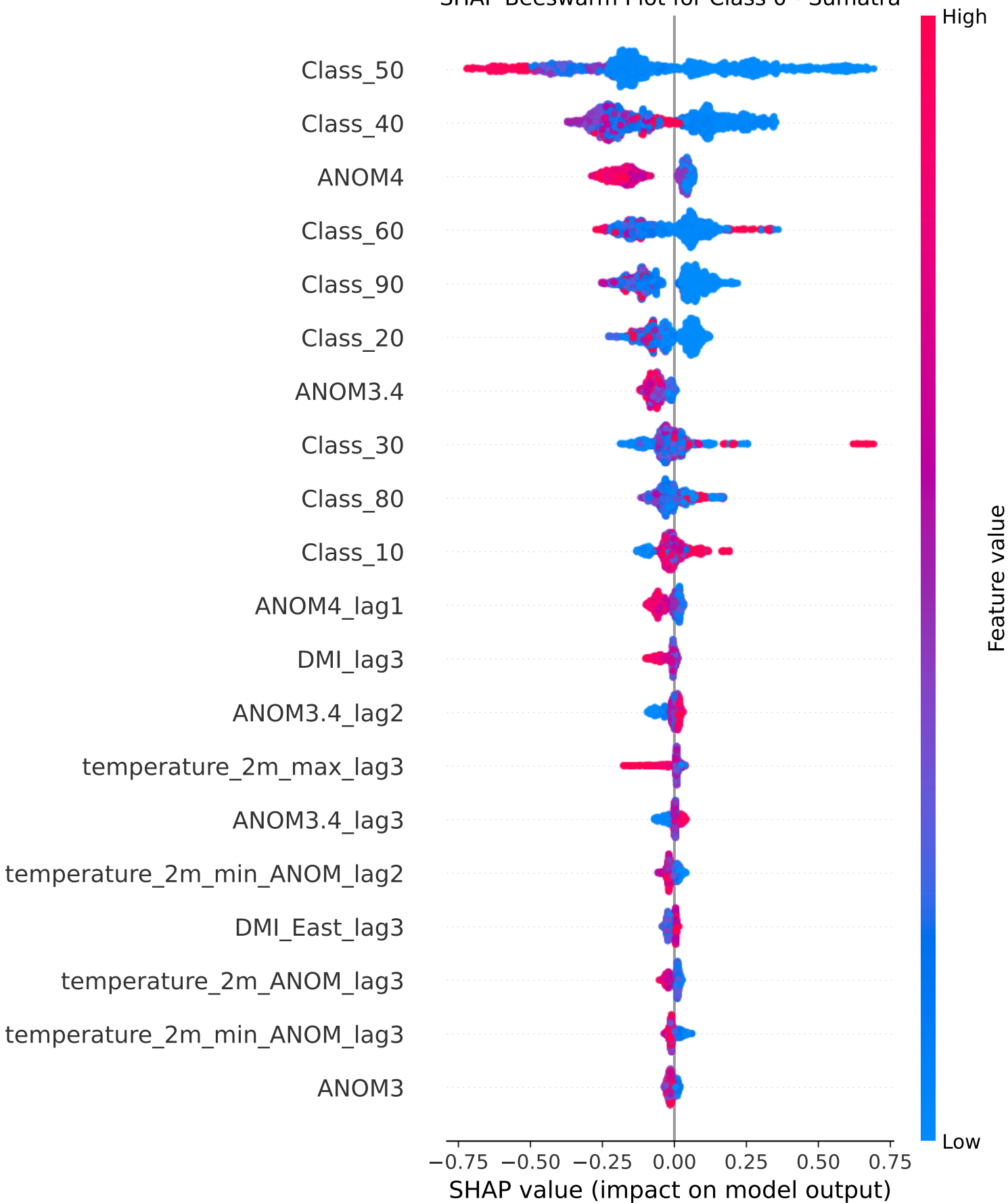


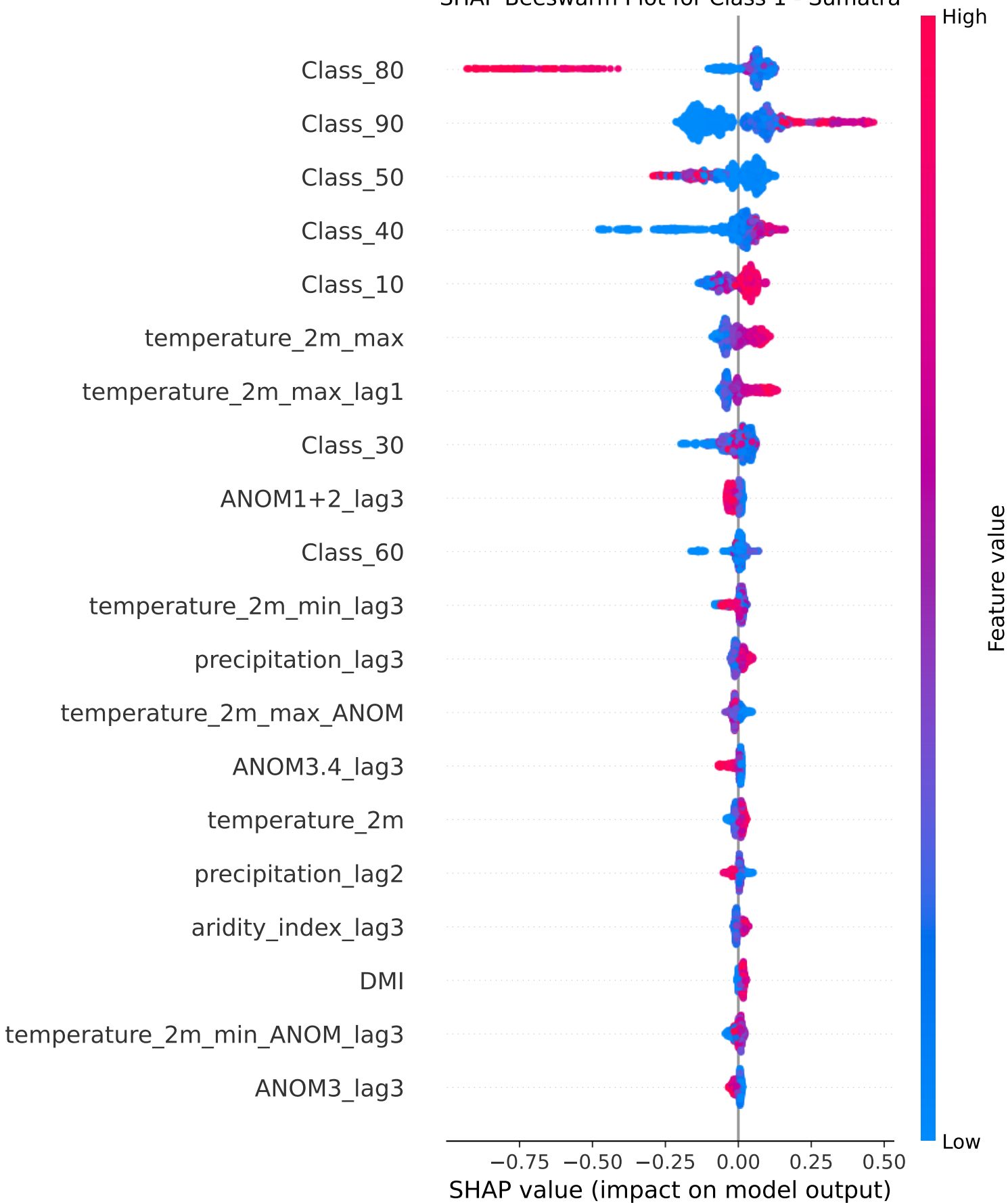
Confusion Matrix - Sumatra



SHAP Beeswarm Plot for Class 0 - Sumatra



# SHAP Beeswarm Plot for Class 1 - Sumatra

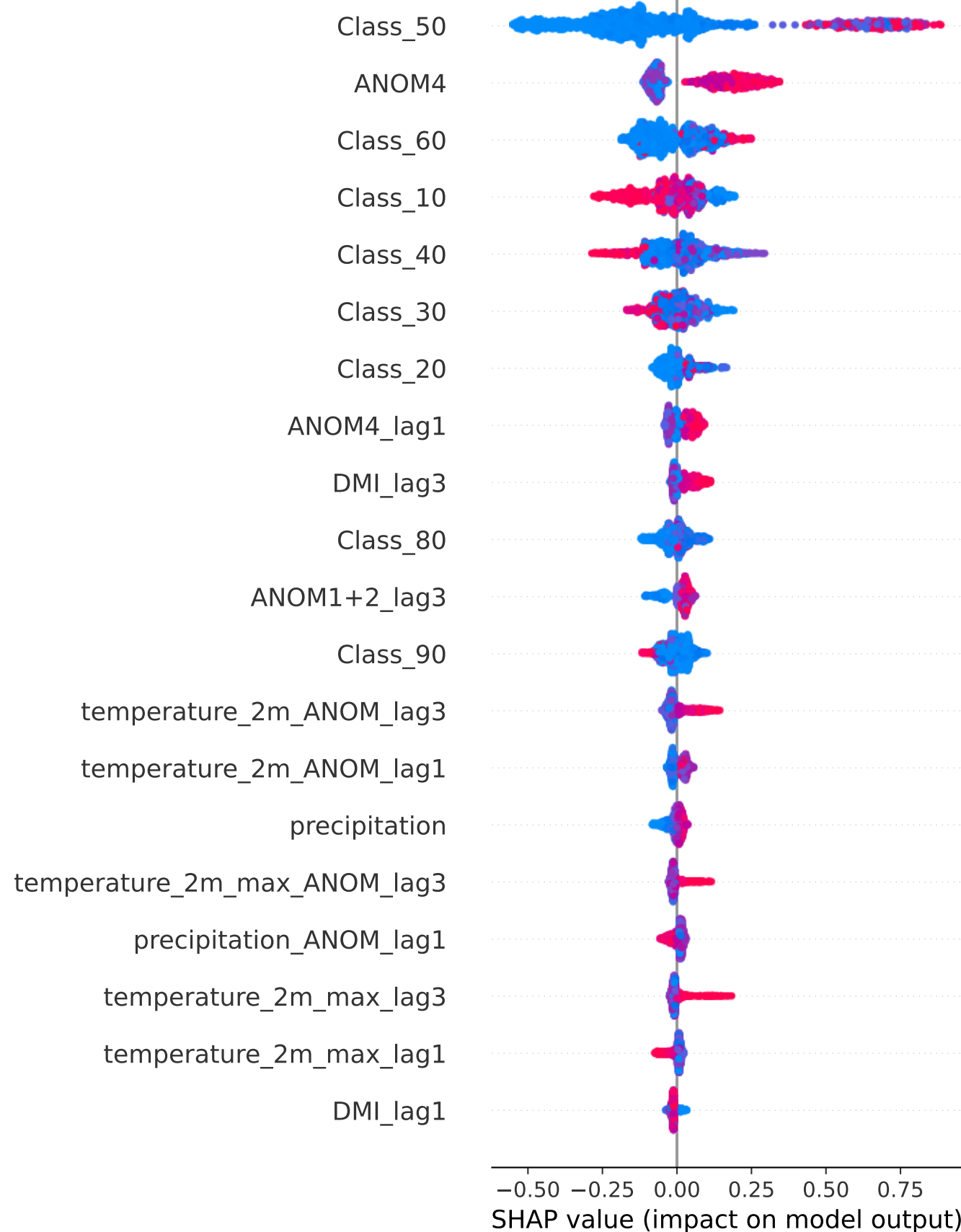


# SHAP Beeswarm Plot for Class 2 - Sumatra

High

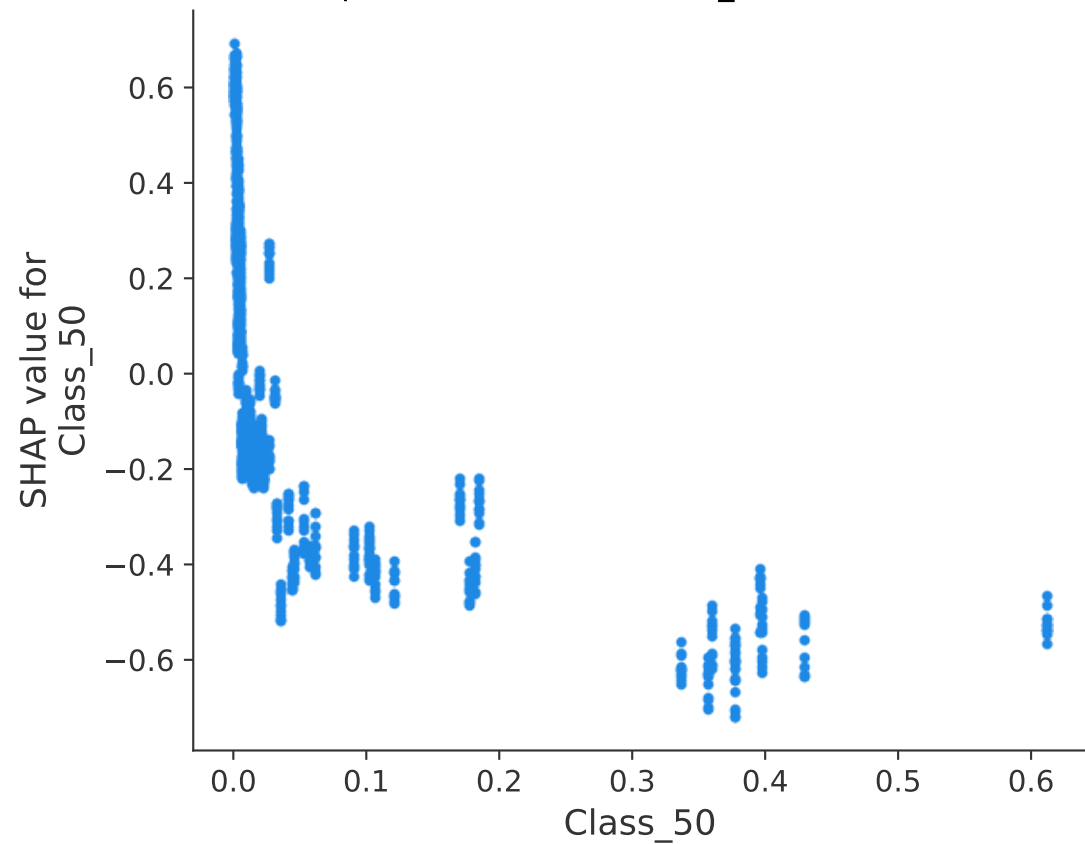
Feature value

Low

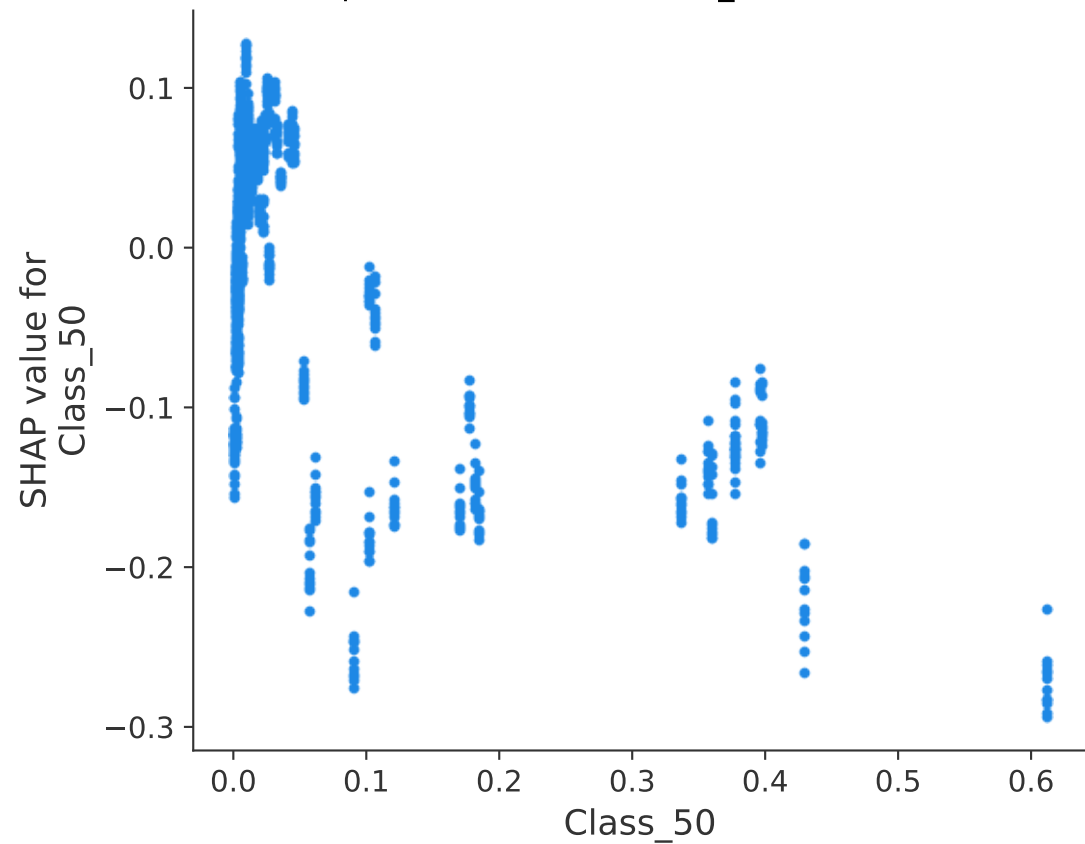


SHAP value (impact on model output)

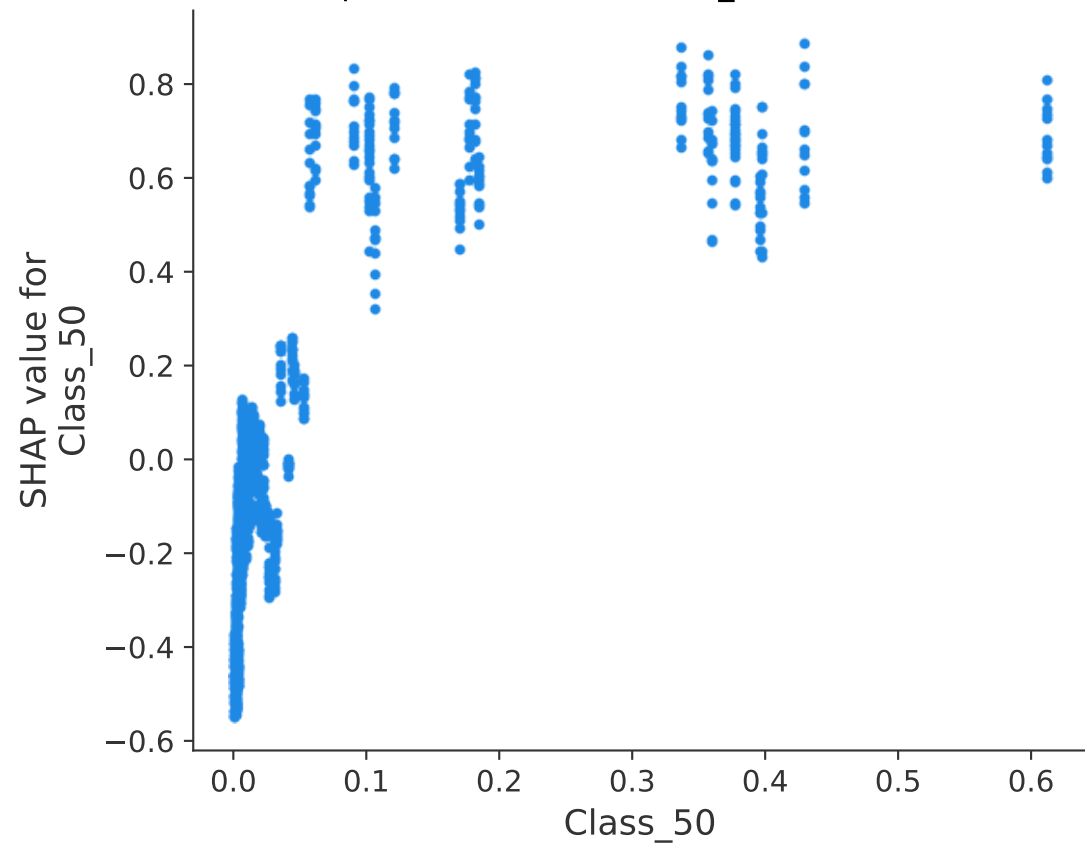
SHAP Dependence Plot for Class\_50, Class 0 - Sumatra



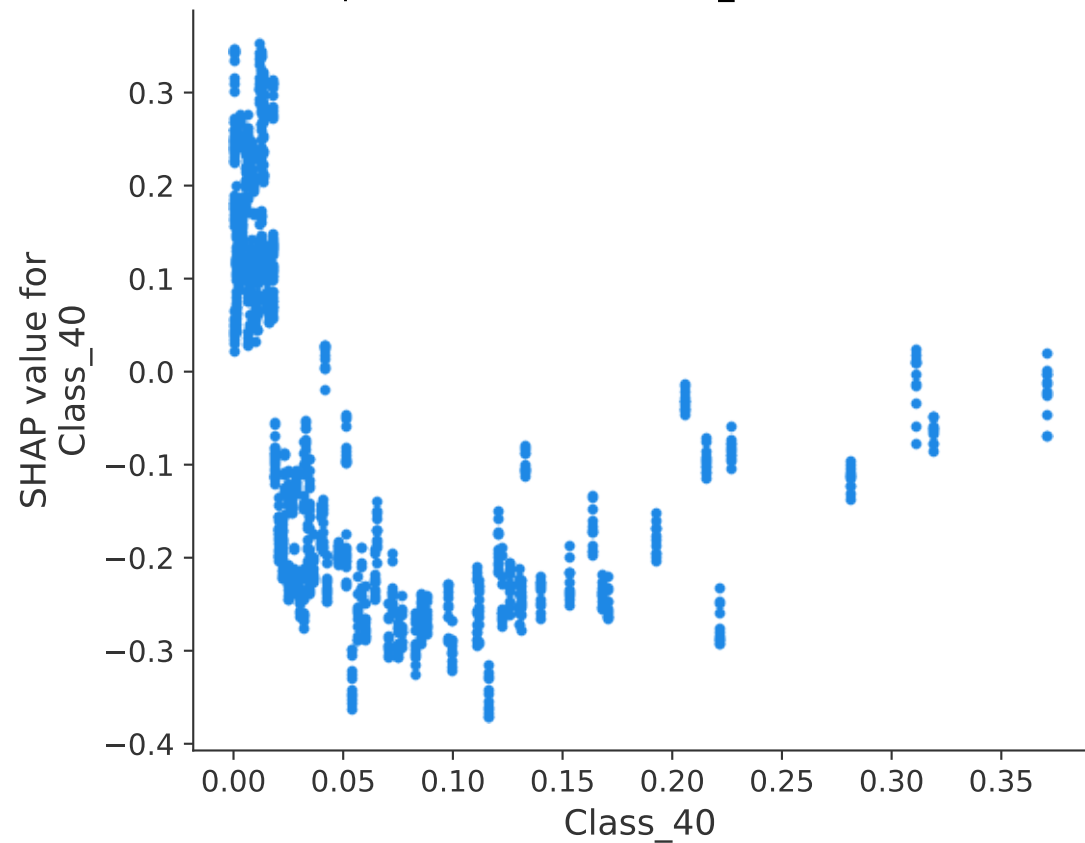
SHAP Dependence Plot for Class\_50, Class 1 - Sumatra



SHAP Dependence Plot for Class\_50, Class 2 - Sumatra

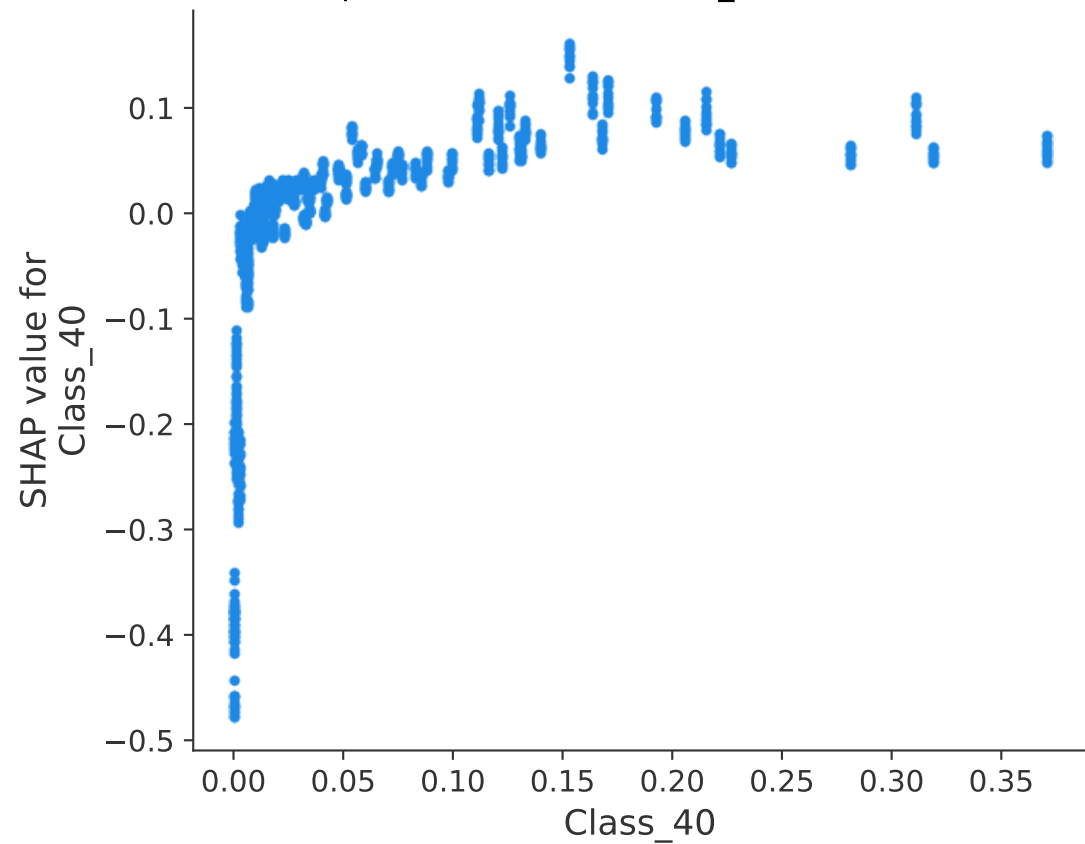


SHAP Dependence Plot for Class\_40, Class 0 - Sumatra

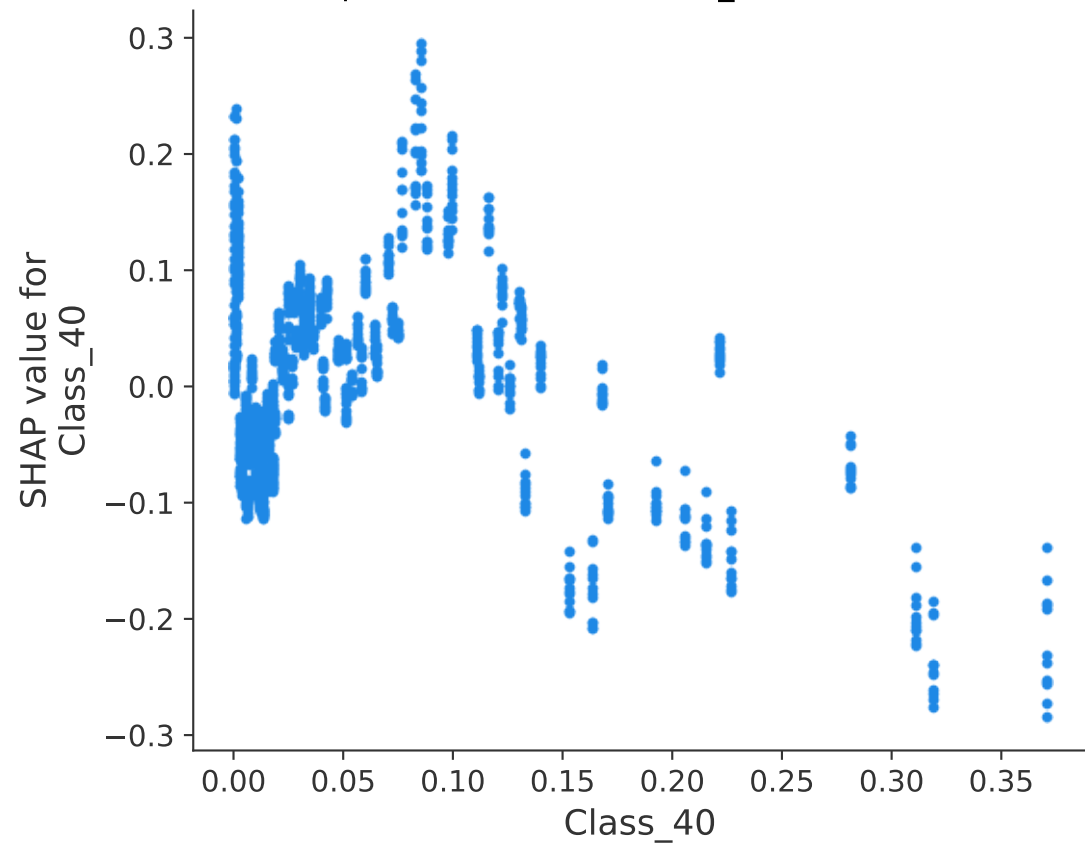




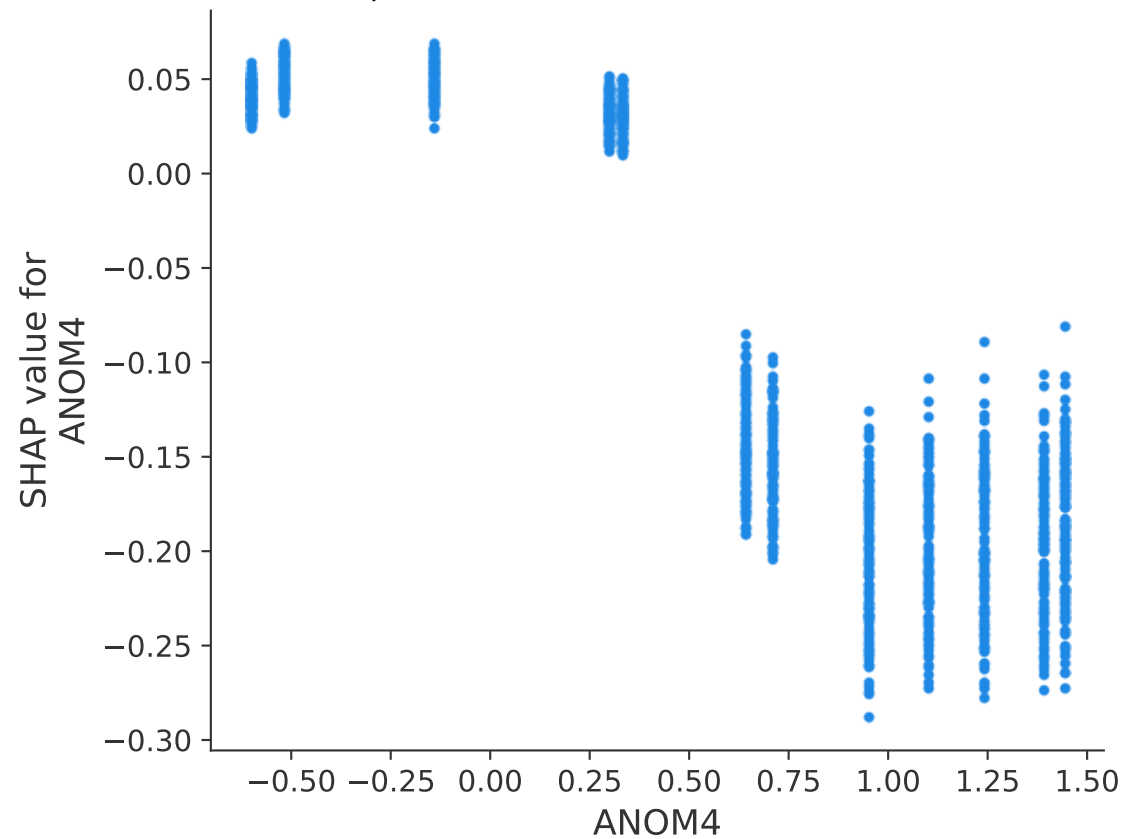
SHAP Dependence Plot for Class\_40, Class 1 - Sumatra



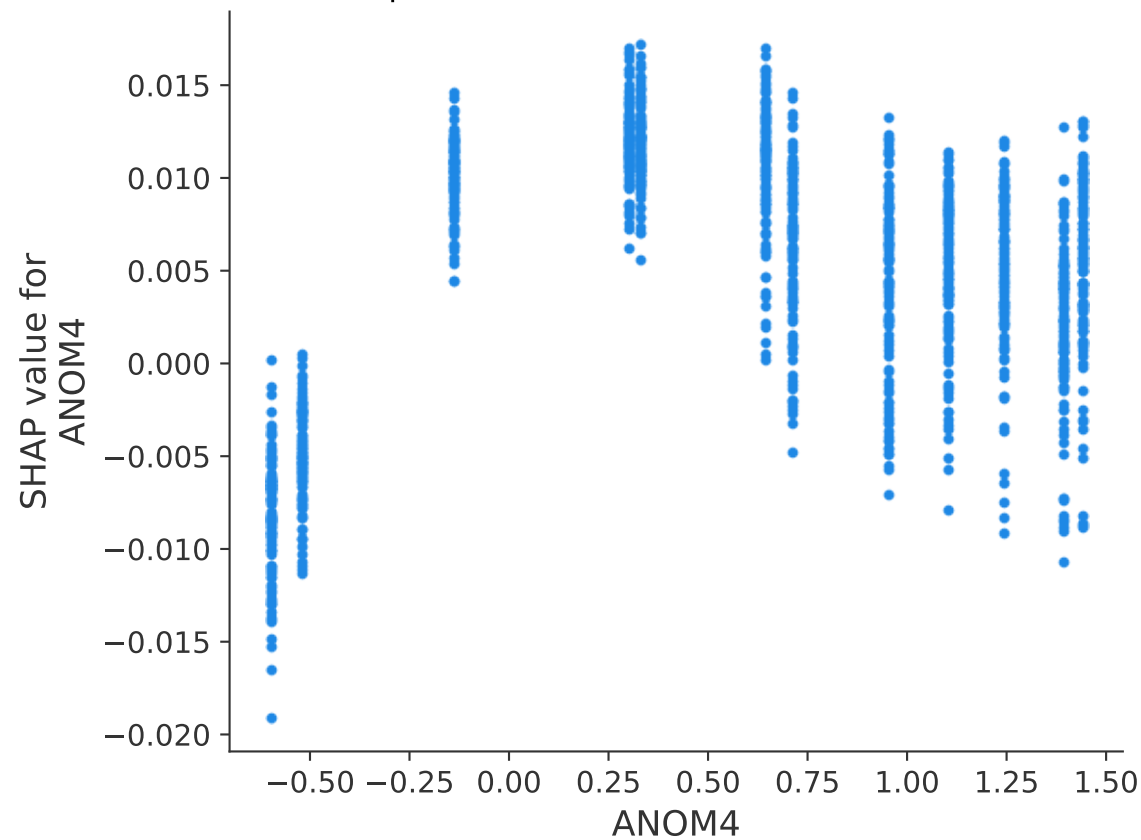
SHAP Dependence Plot for Class\_40, Class 2 - Sumatra



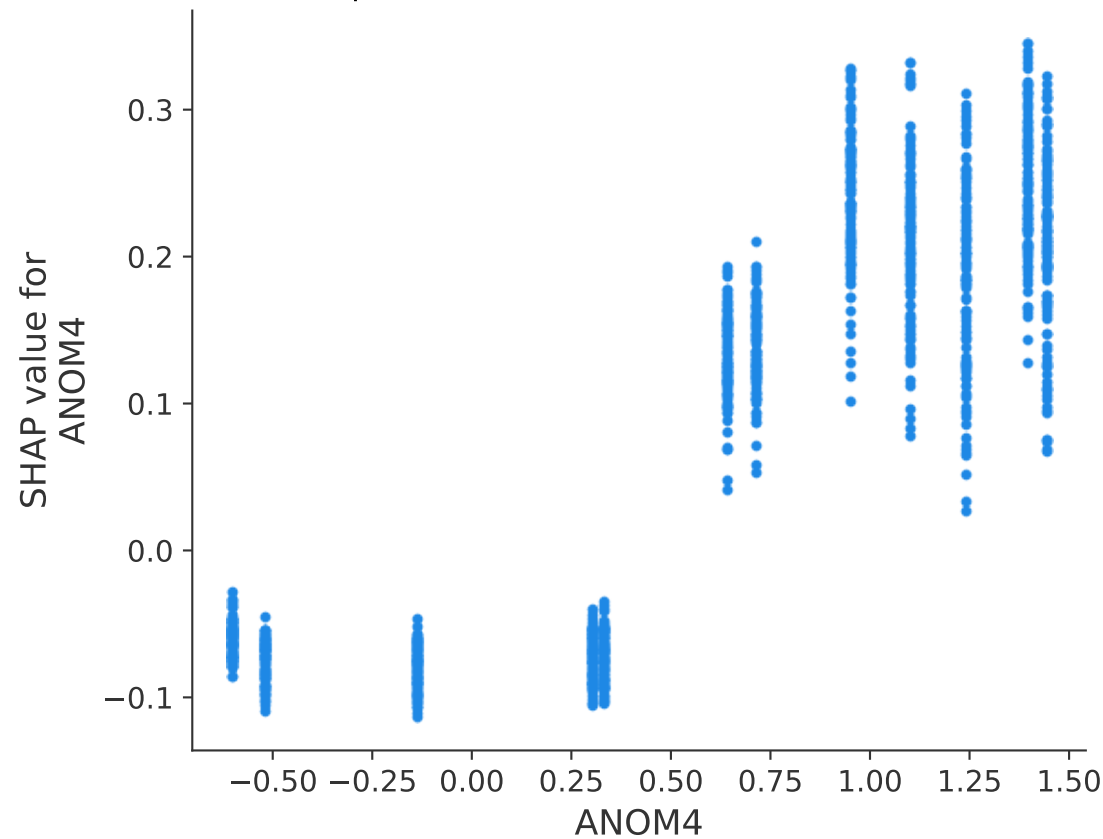
SHAP Dependence Plot for ANOM4, Class 0 - Sumatra



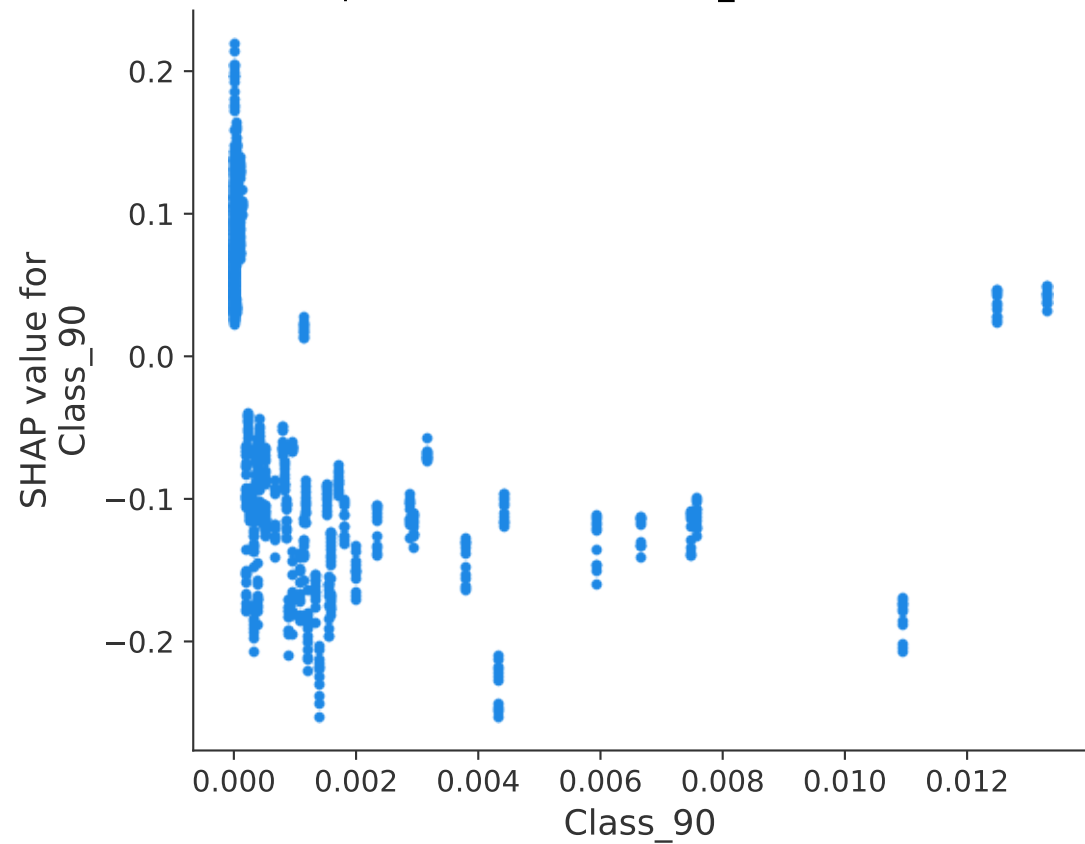
SHAP Dependence Plot for ANOM4, Class 1 - Sumatra



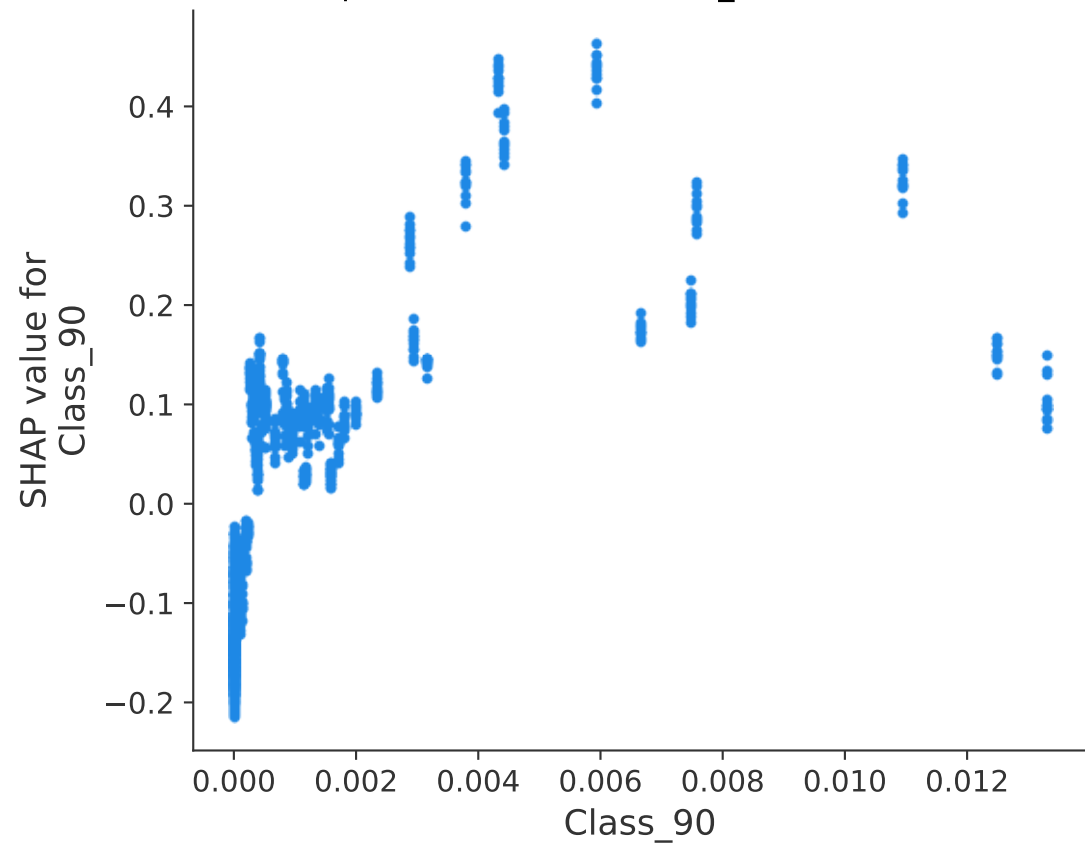
SHAP Dependence Plot for ANOM4, Class 2 - Sumatra



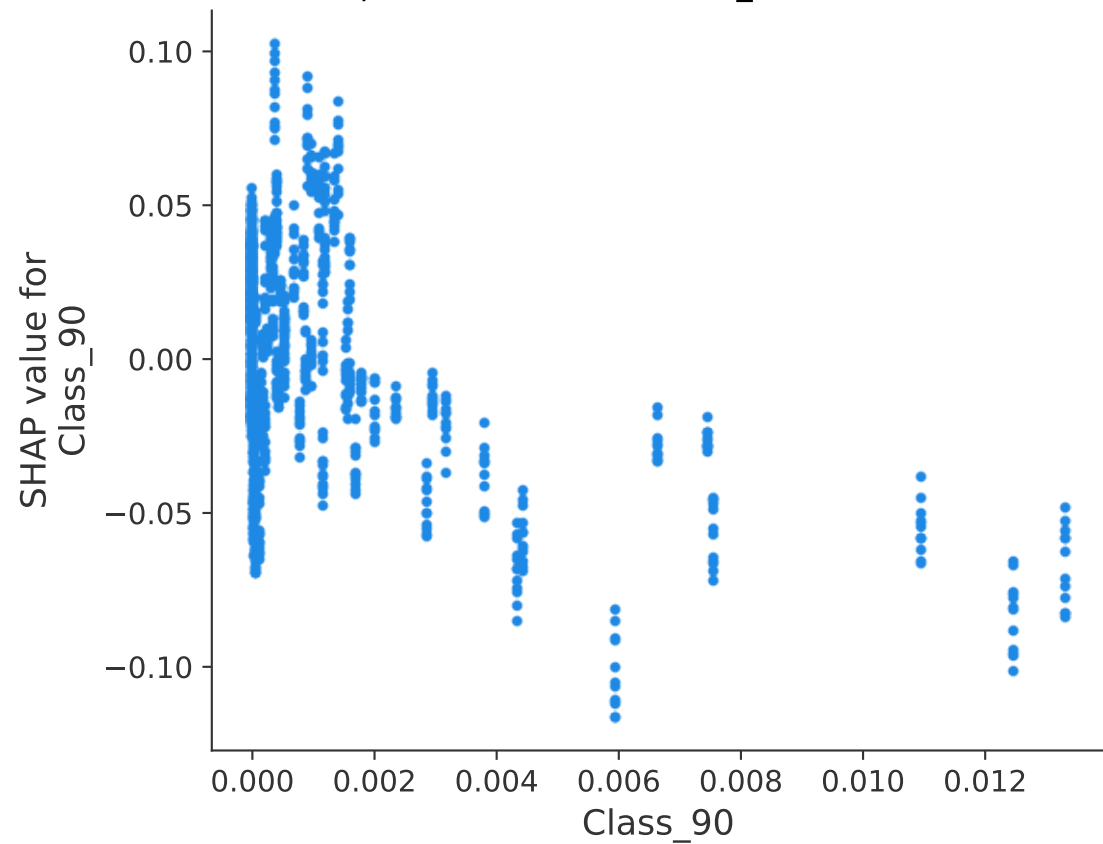
SHAP Dependence Plot for Class\_90, Class 0 - Sumatra



SHAP Dependence Plot for Class\_90, Class 1 - Sumatra

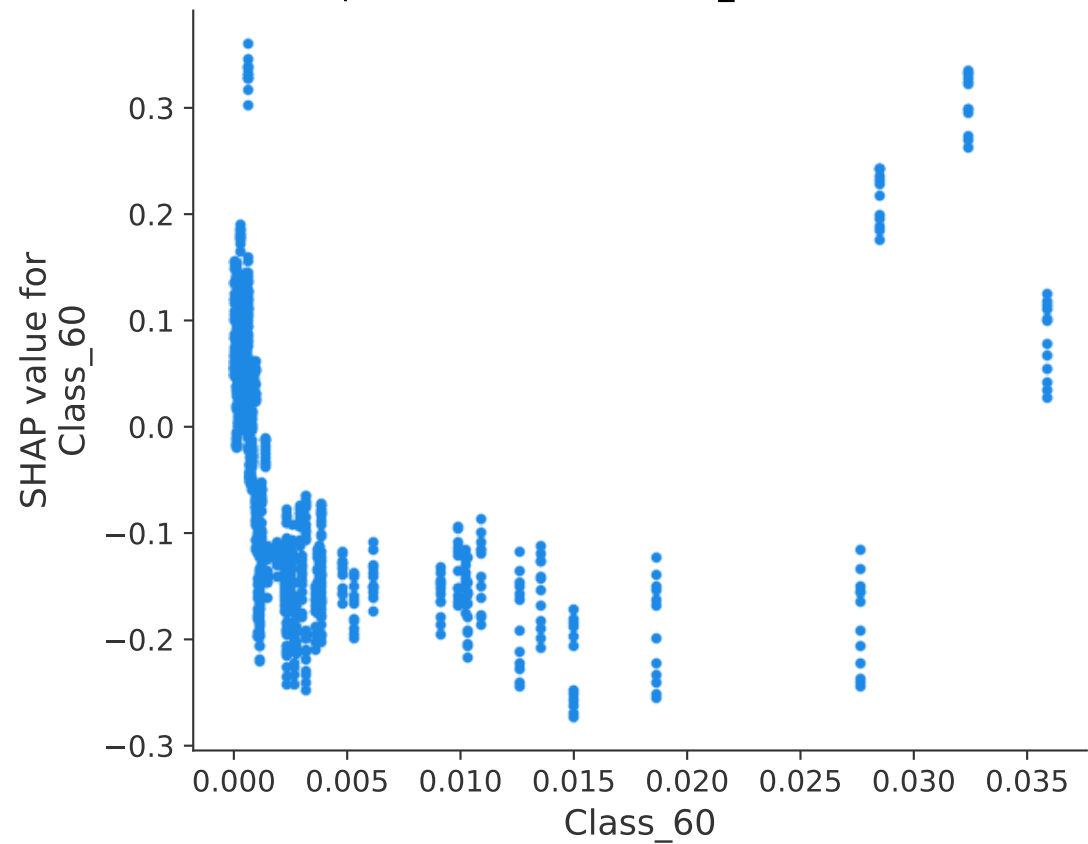


SHAP Dependence Plot for Class\_90, Class 2 - Sumatra

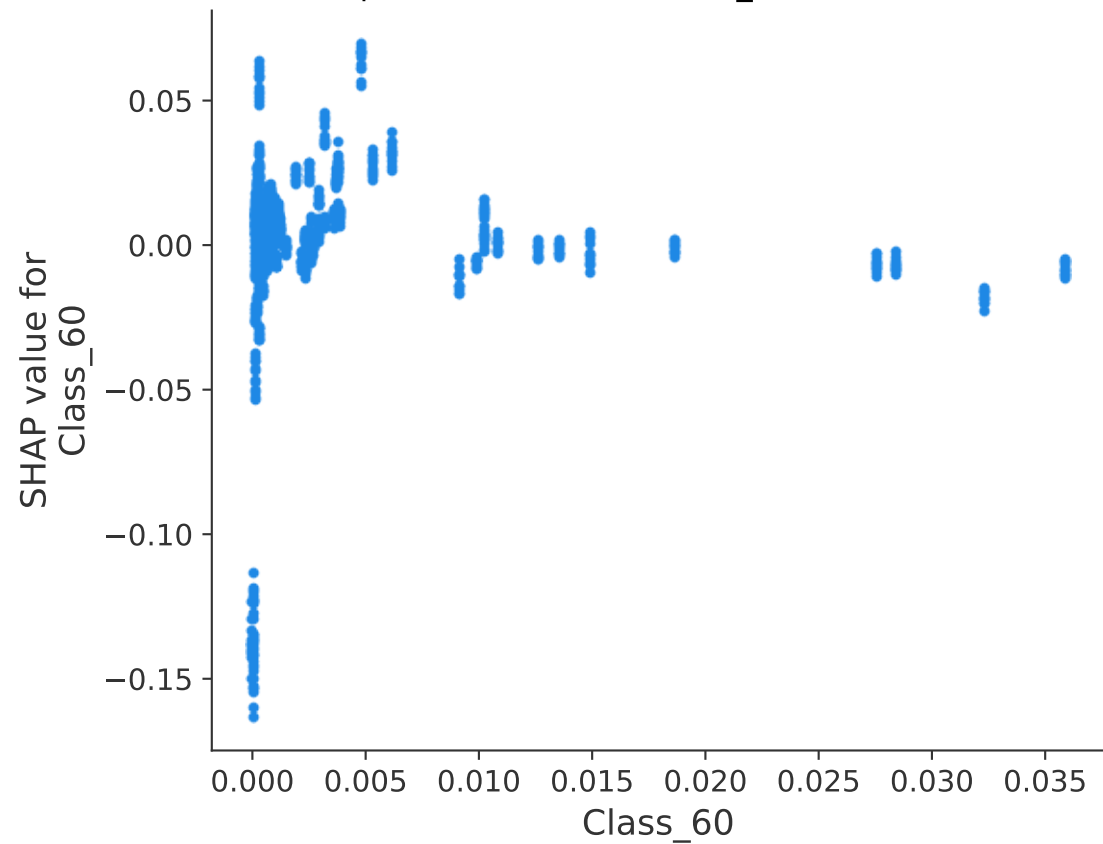




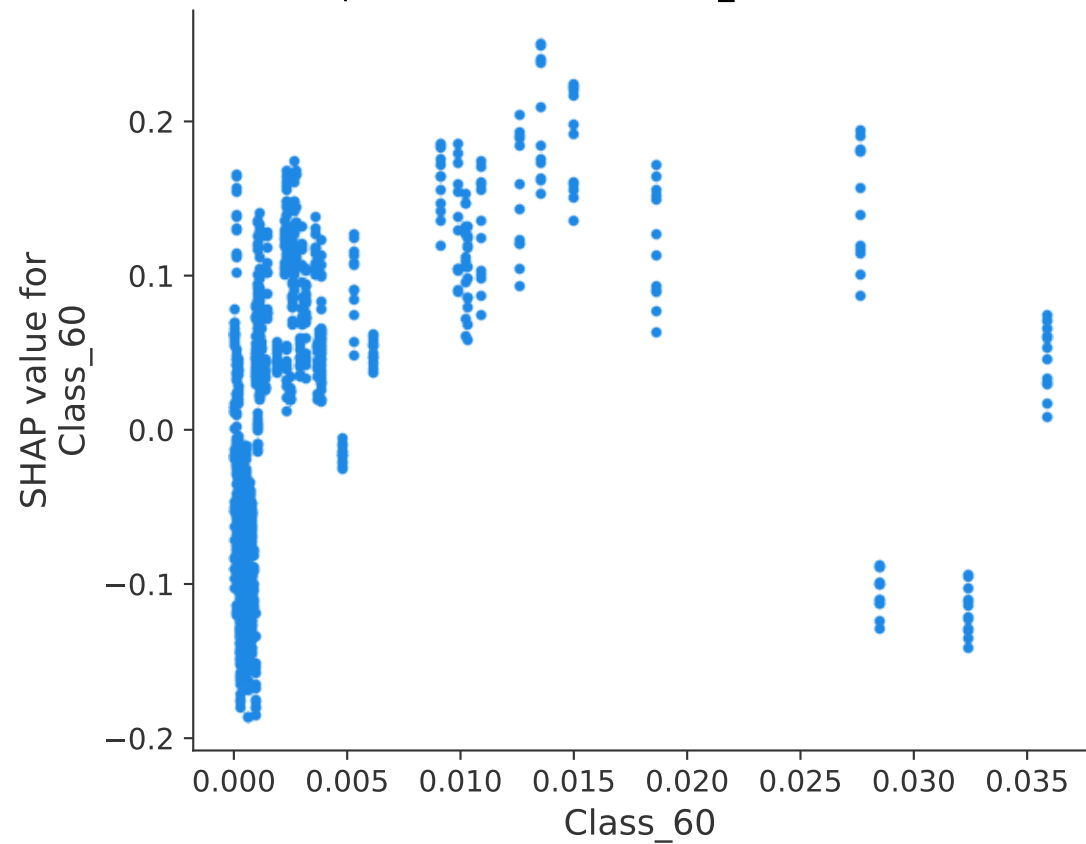
SHAP Dependence Plot for Class\_60, Class 0 - Sumatra



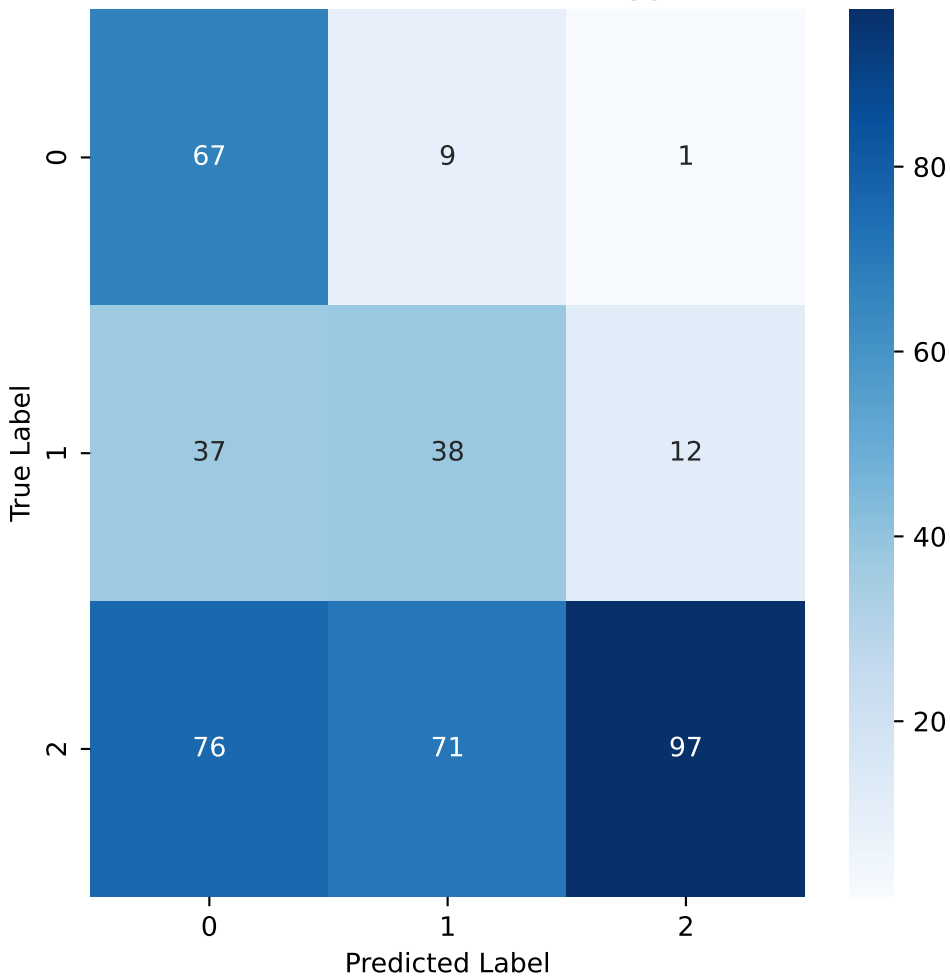
SHAP Dependence Plot for Class\_60, Class 1 - Sumatra



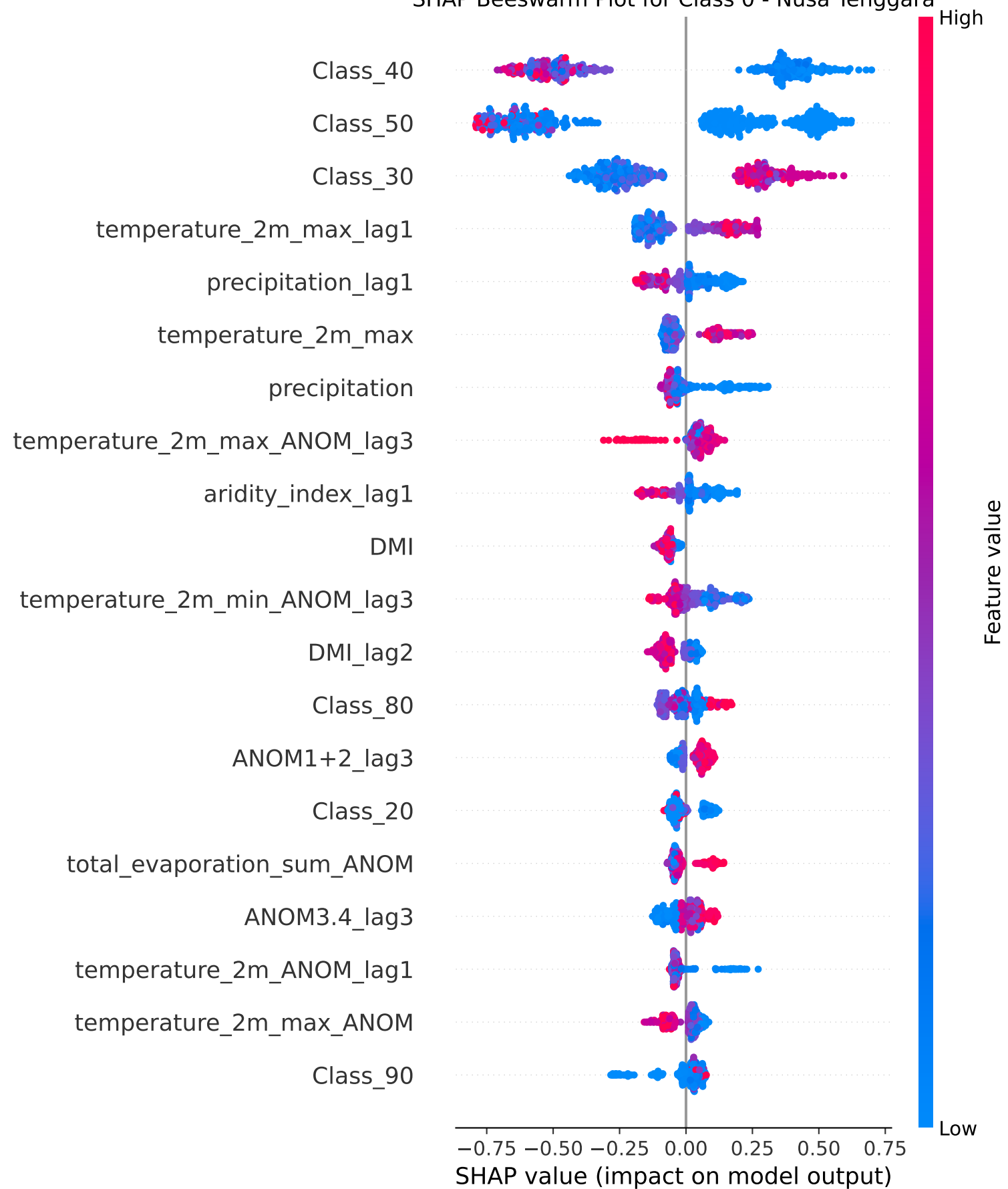
SHAP Dependence Plot for Class\_60, Class 2 - Sumatra



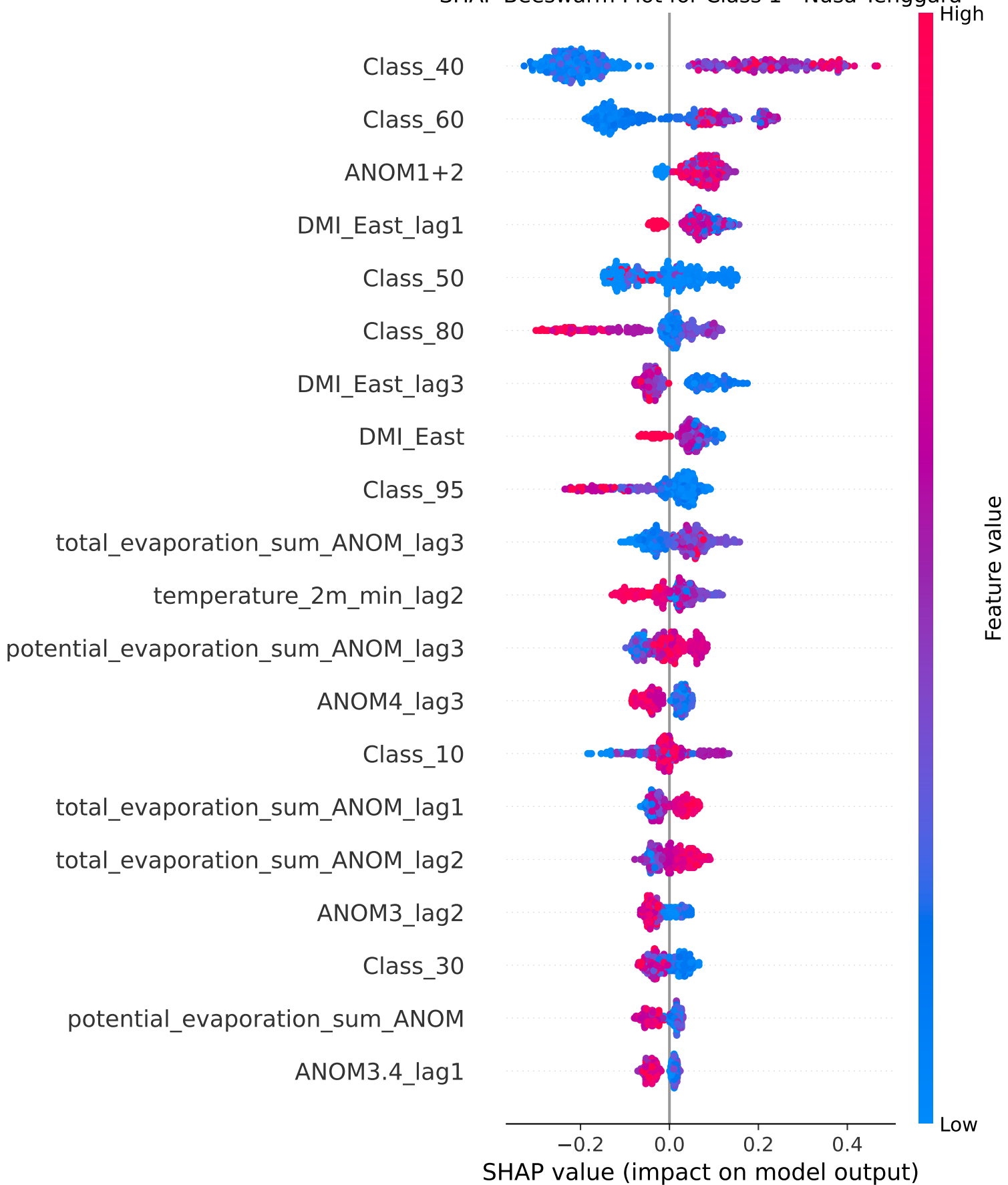
Confusion Matrix - Nusa Tenggara



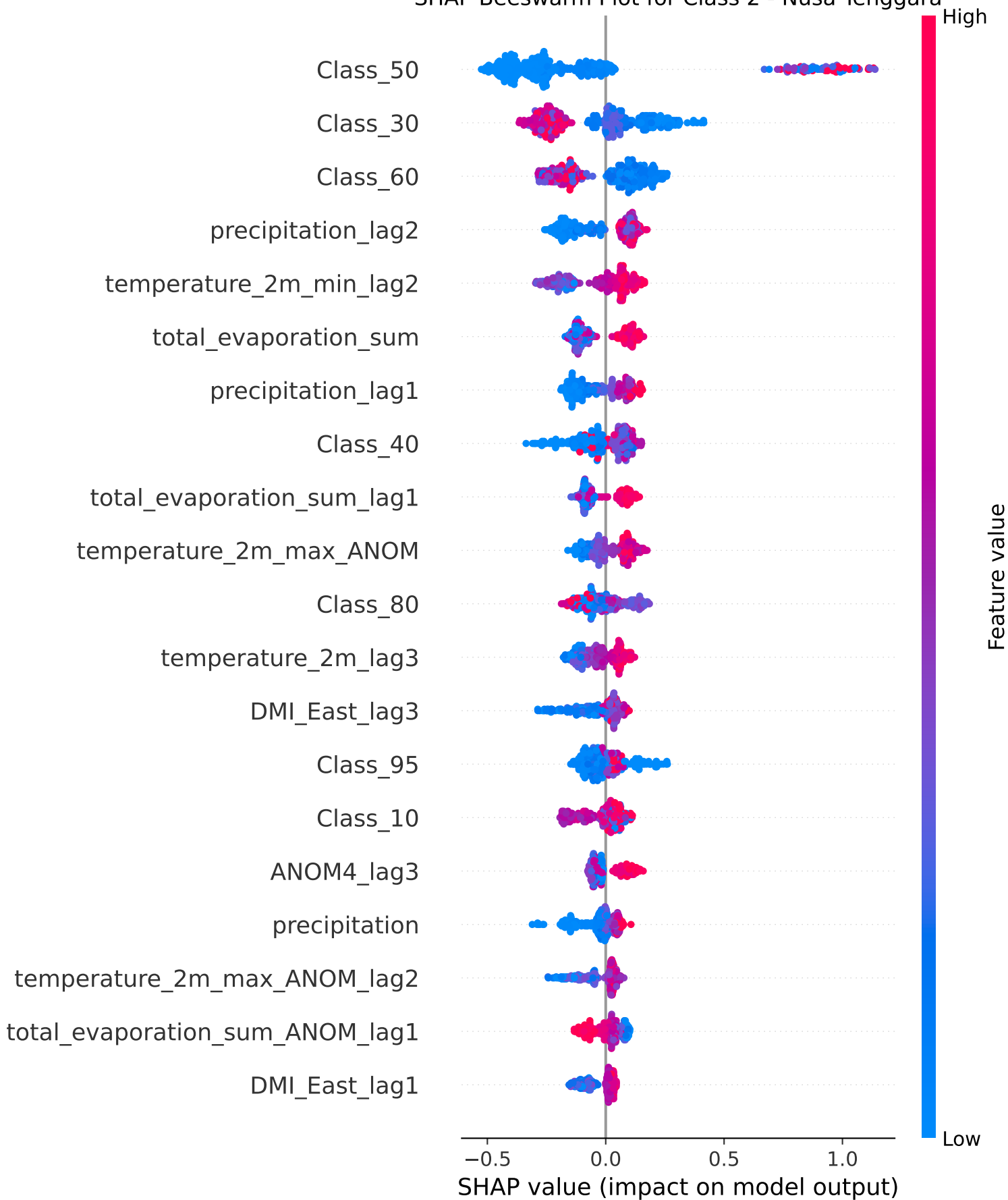
SHAP Beeswarm Plot for Class 0 - Nusa Tenggara



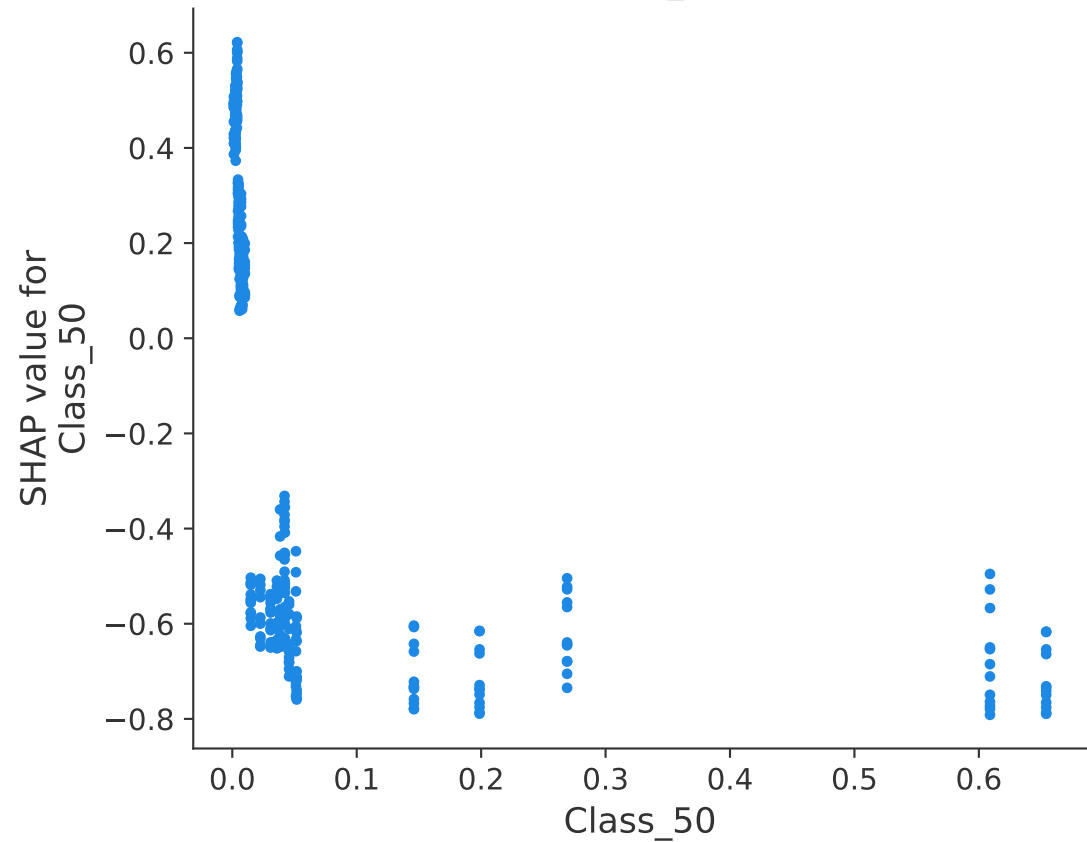
SHAP Beeswarm Plot for Class 1 - Nusa Tenggara



SHAP Beeswarm Plot for Class 2 - Nusa Tenggara

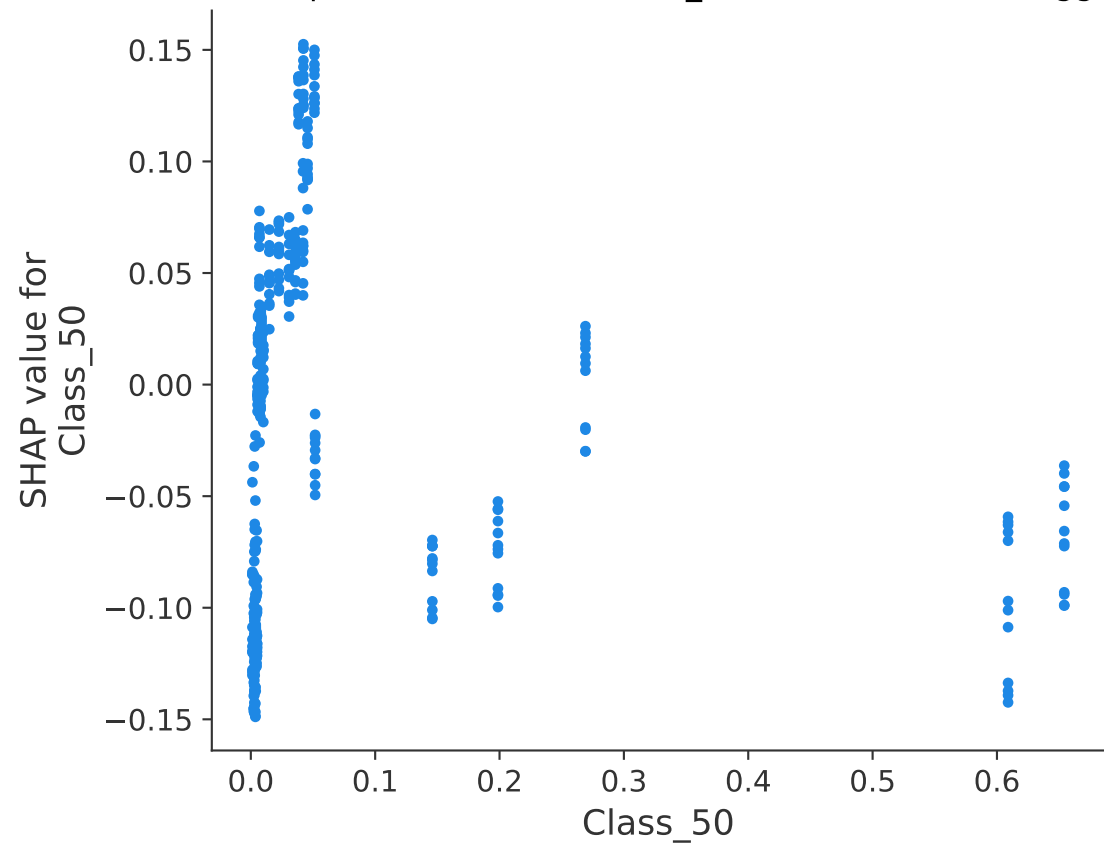


SHAP Dependence Plot for Class\_50, Class 0 - Nusa Tenggara

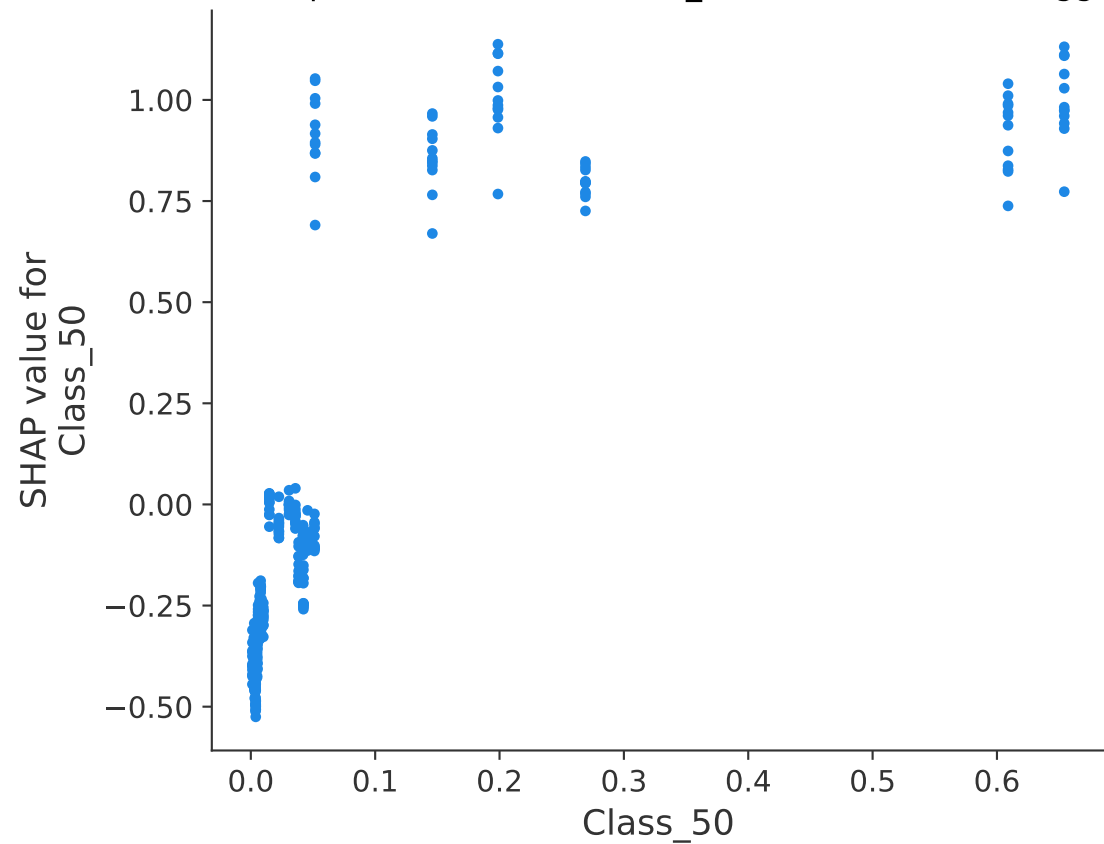




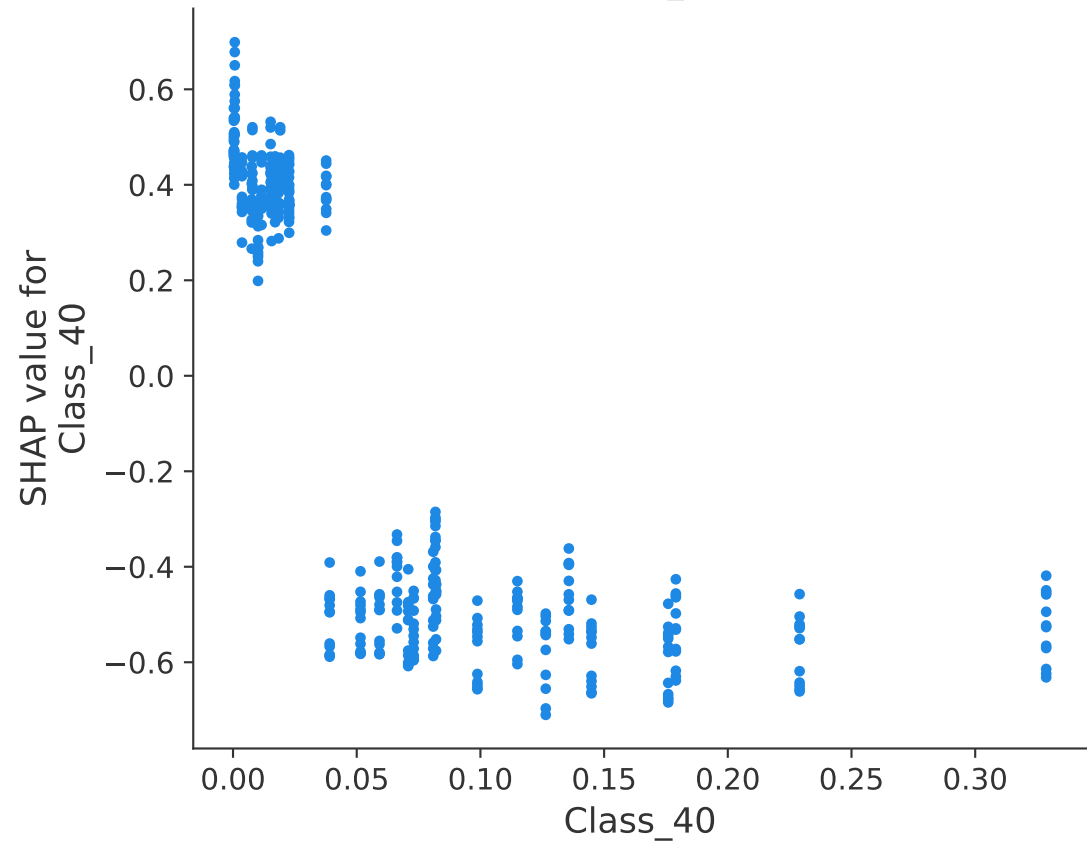
SHAP Dependence Plot for Class\_50, Class 1 - Nusa Tenggara



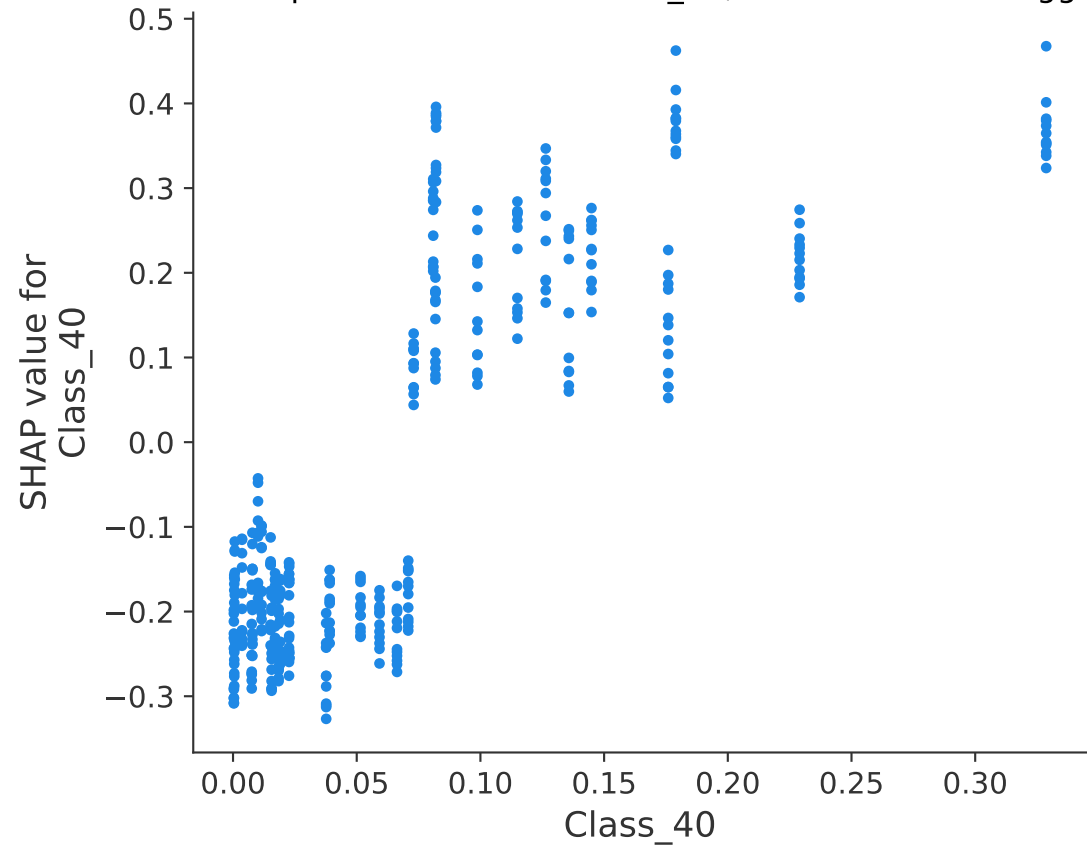
SHAP Dependence Plot for Class\_50, Class 2 - Nusa Tenggara



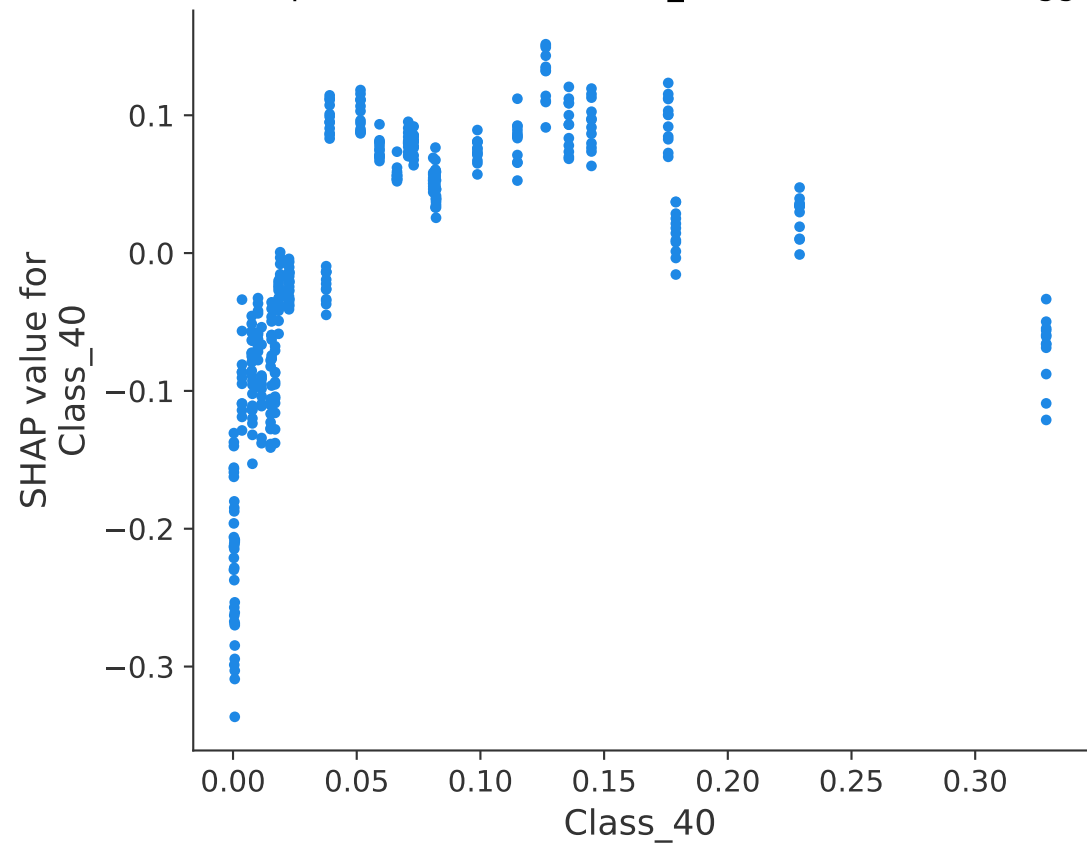
SHAP Dependence Plot for Class\_40, Class 0 - Nusa Tenggara



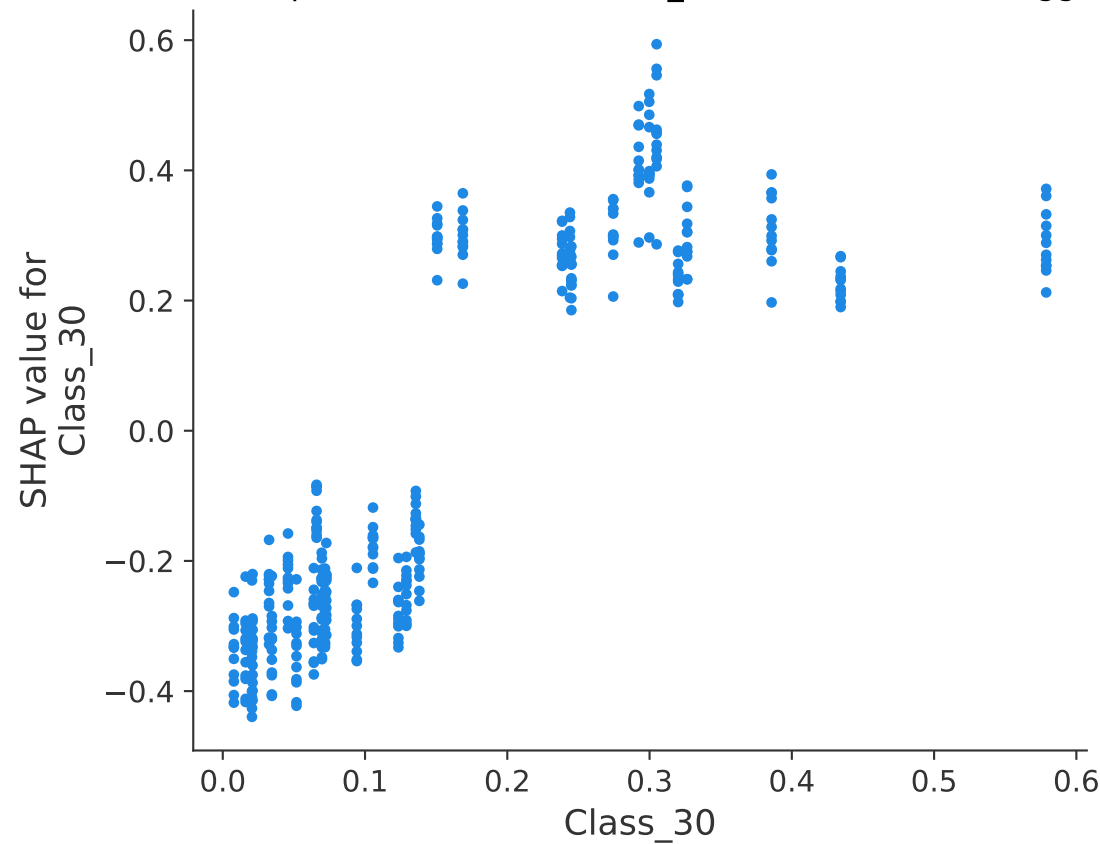
SHAP Dependence Plot for Class\_40, Class 1 - Nusa Tenggara



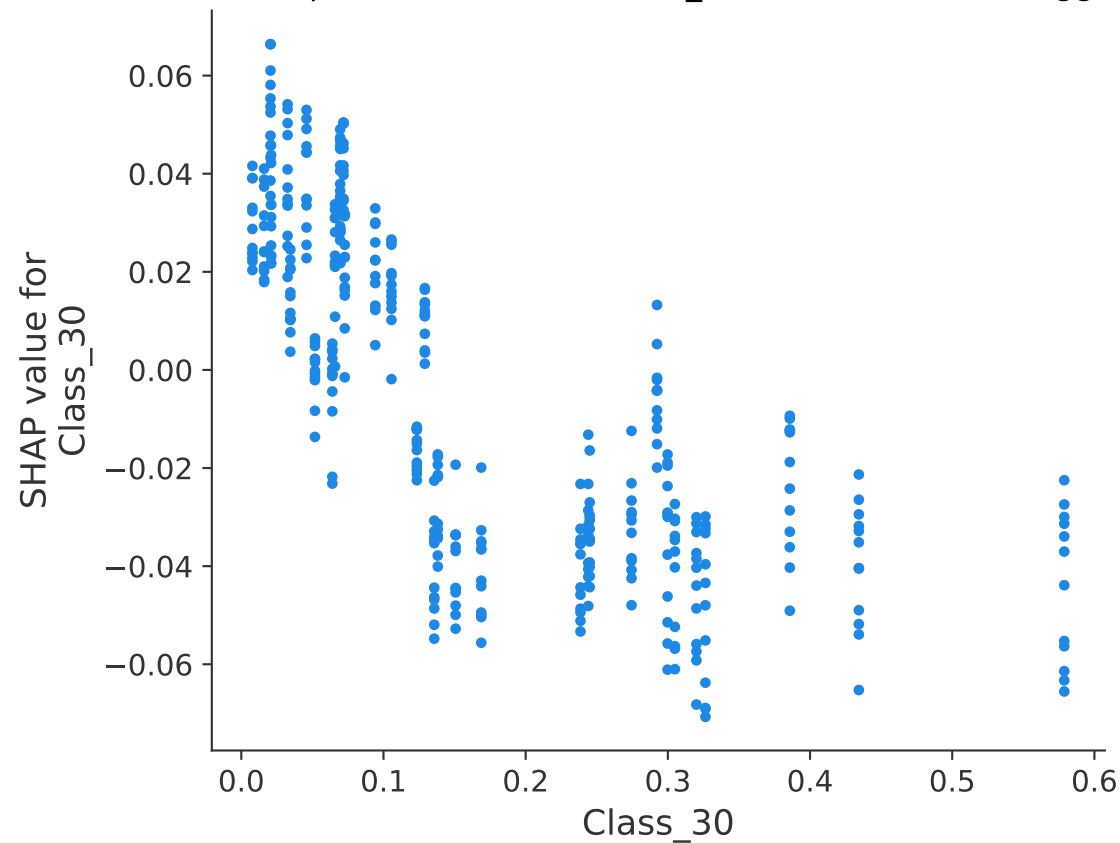
SHAP Dependence Plot for Class\_40, Class 2 - Nusa Tenggara



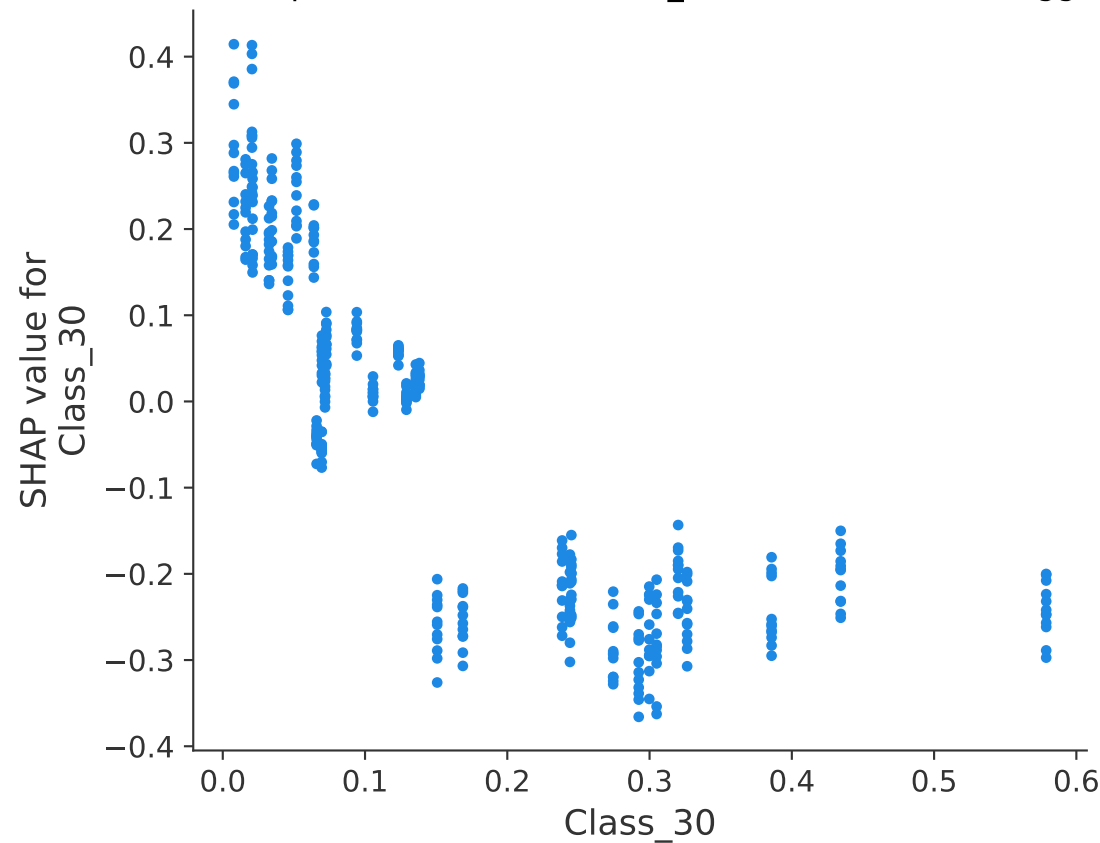
SHAP Dependence Plot for Class\_30, Class 0 - Nusa Tenggara



SHAP Dependence Plot for Class\_30, Class 1 - Nusa Tenggara

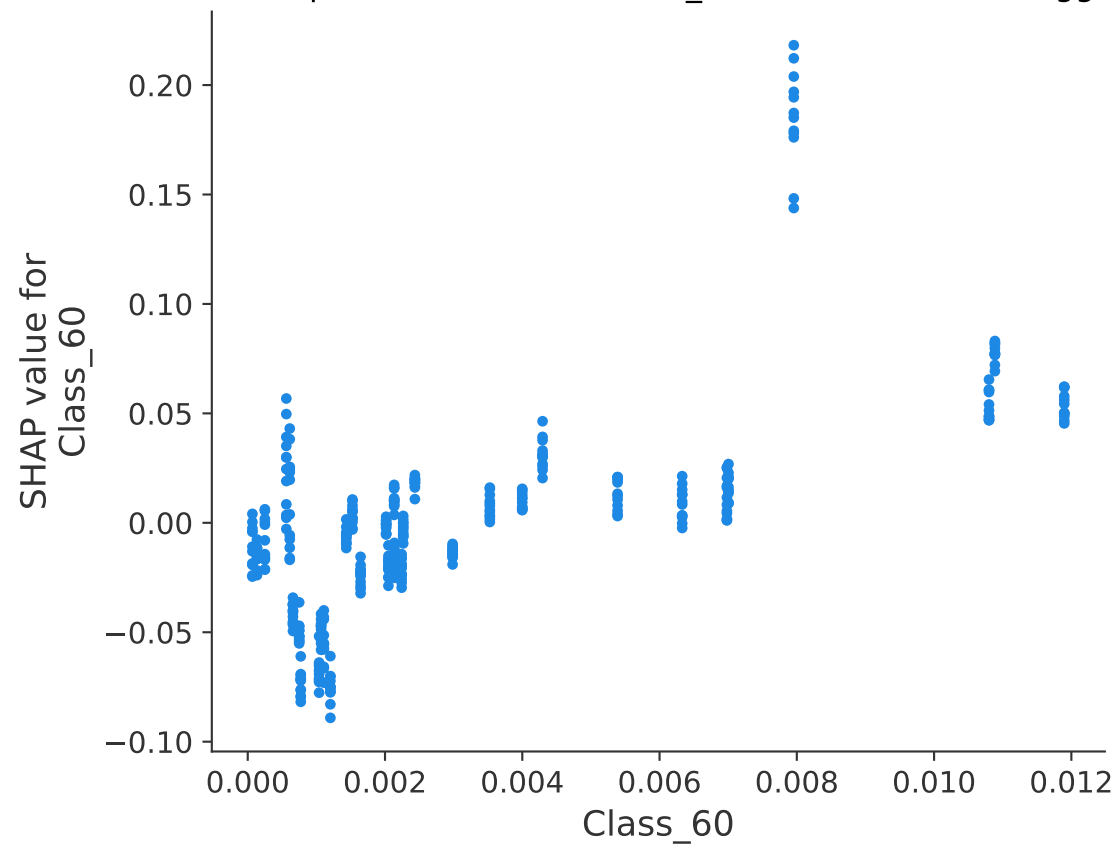


SHAP Dependence Plot for Class\_30, Class 2 - Nusa Tenggara

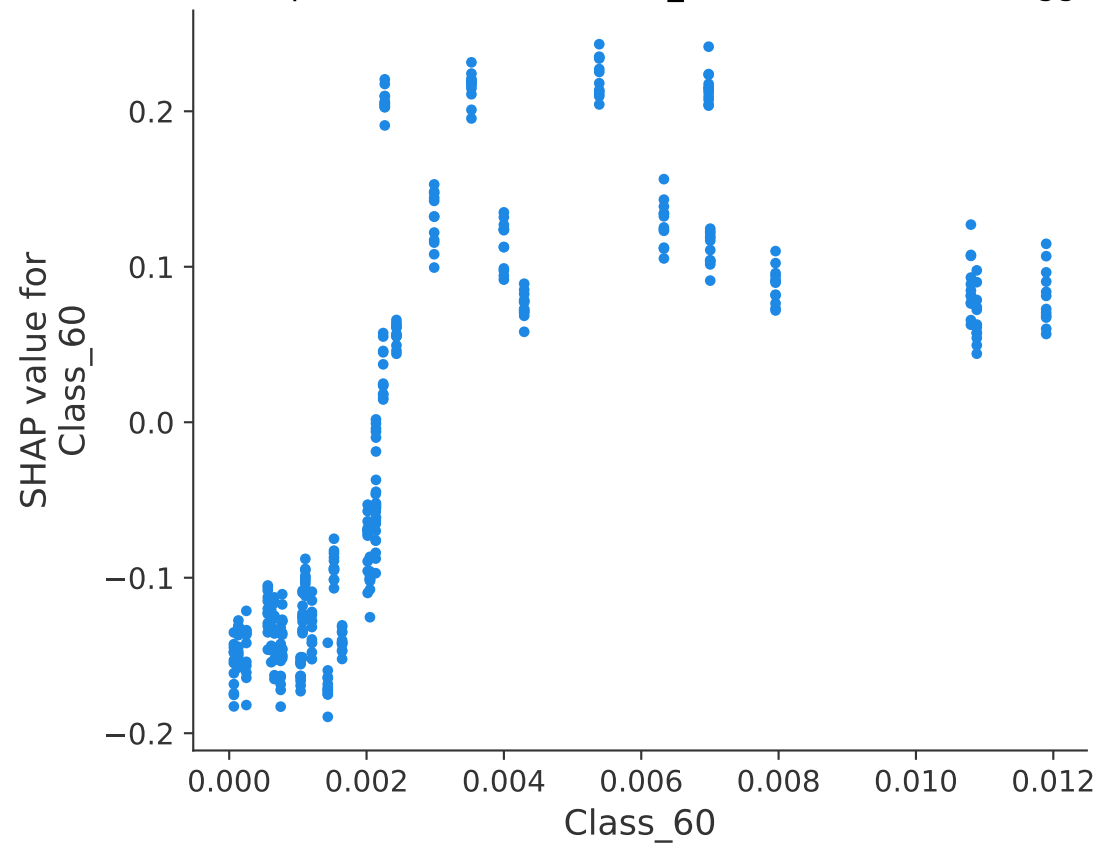




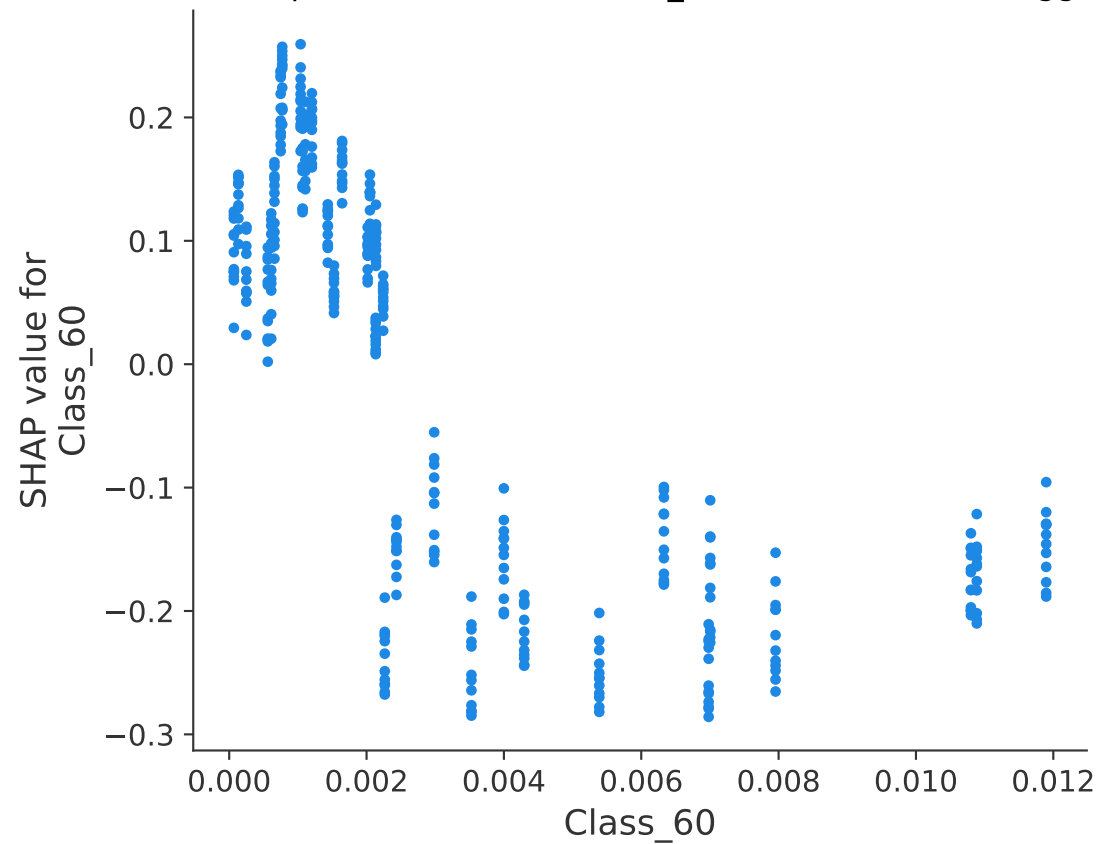
SHAP Dependence Plot for Class\_60, Class 0 - Nusa Tenggara



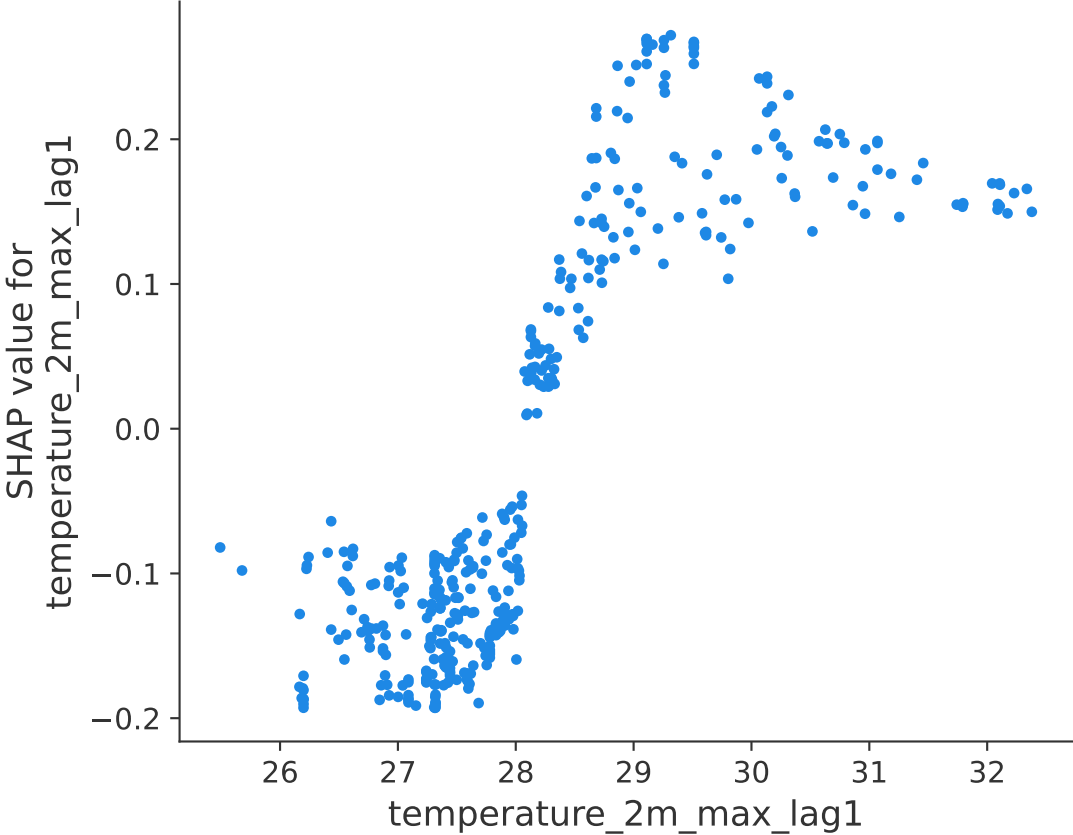
SHAP Dependence Plot for Class\_60, Class 1 - Nusa Tenggara



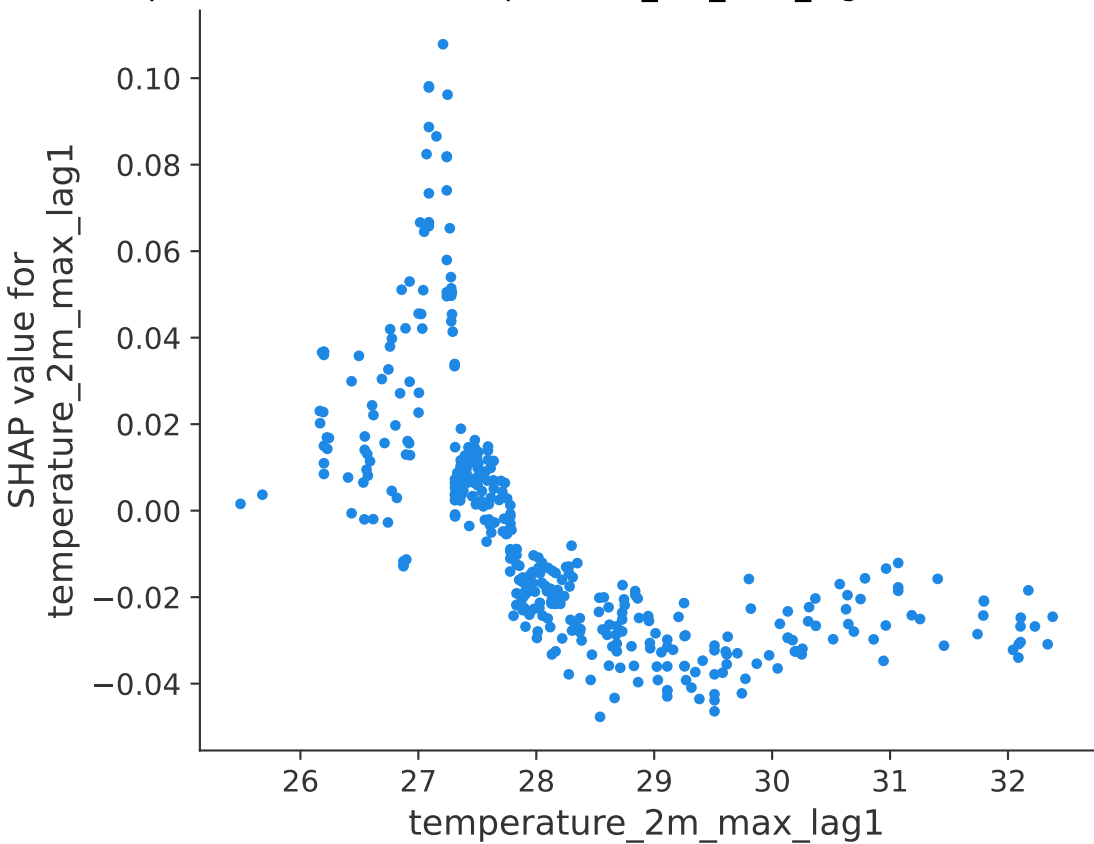
SHAP Dependence Plot for Class\_60, Class 2 - Nusa Tenggara



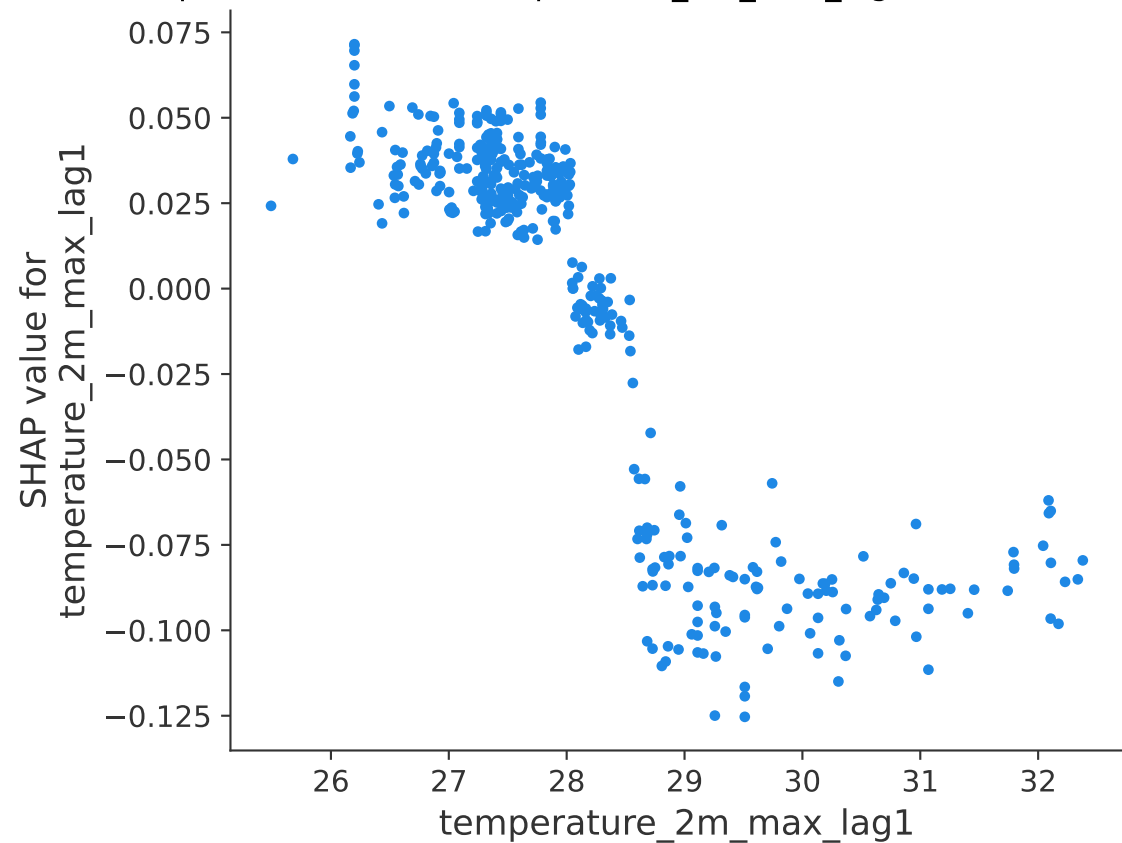
SHAP Dependence Plot for temperature\_2m\_max\_lag1, Class 0 - Nusa Tenggara



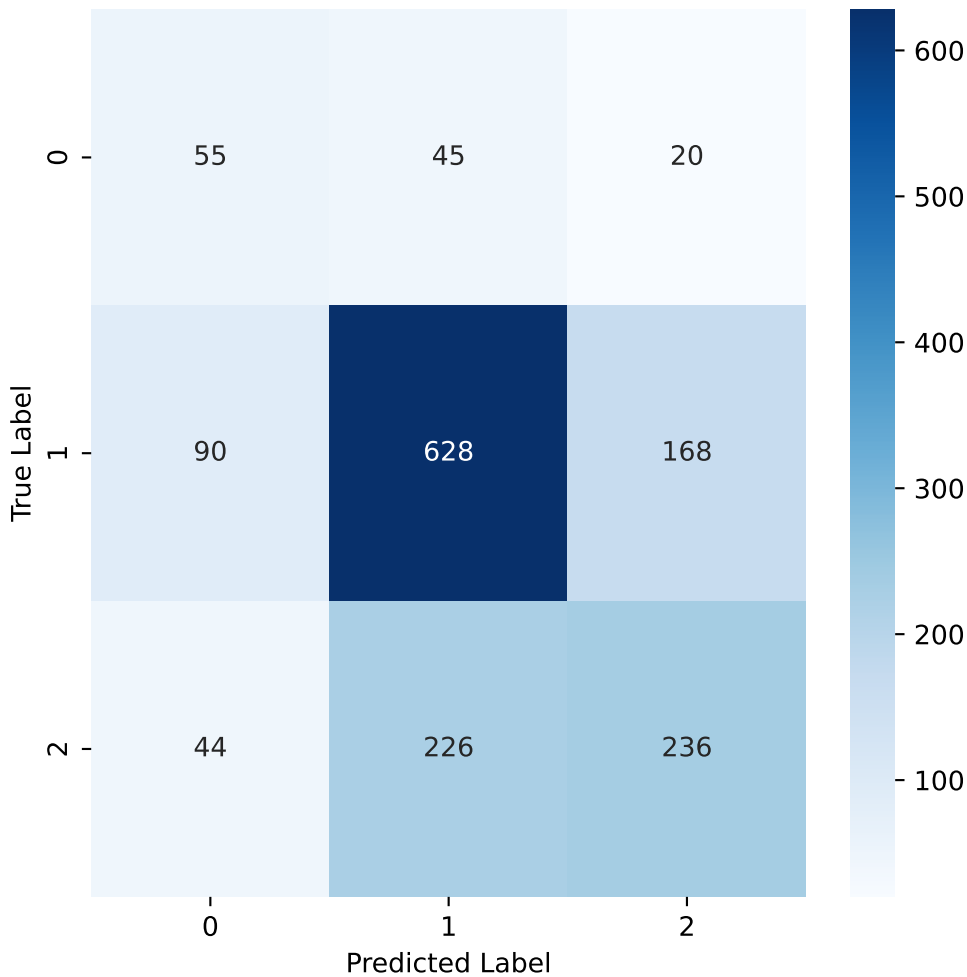
SHAP Dependence Plot for temperature\_2m\_max\_lag1, Class 1 - Nusa Tenggara



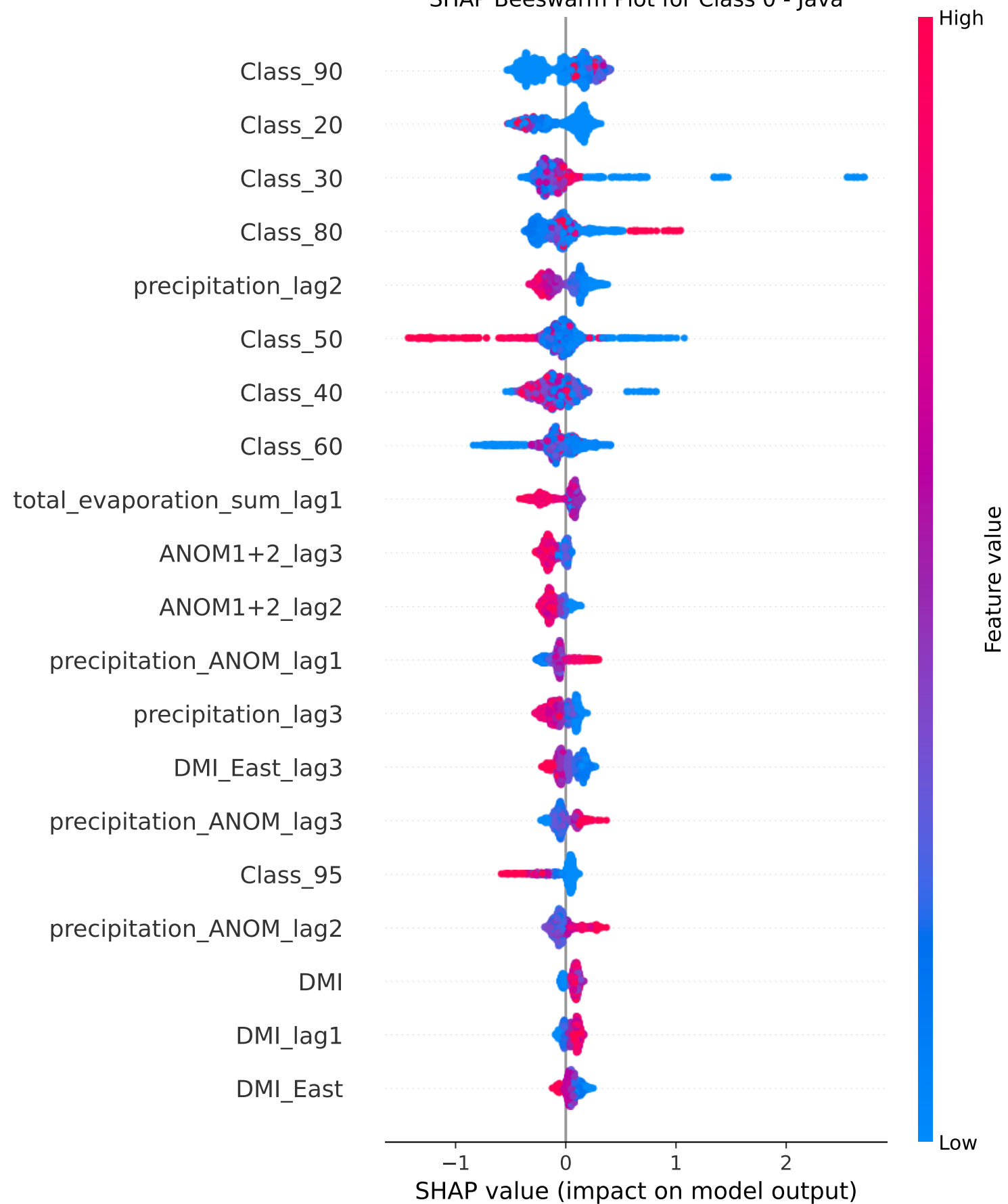
SHAP Dependence Plot for temperature\_2m\_max\_lag1, Class 2 - Nusa Tenggara



Confusion Matrix - Java

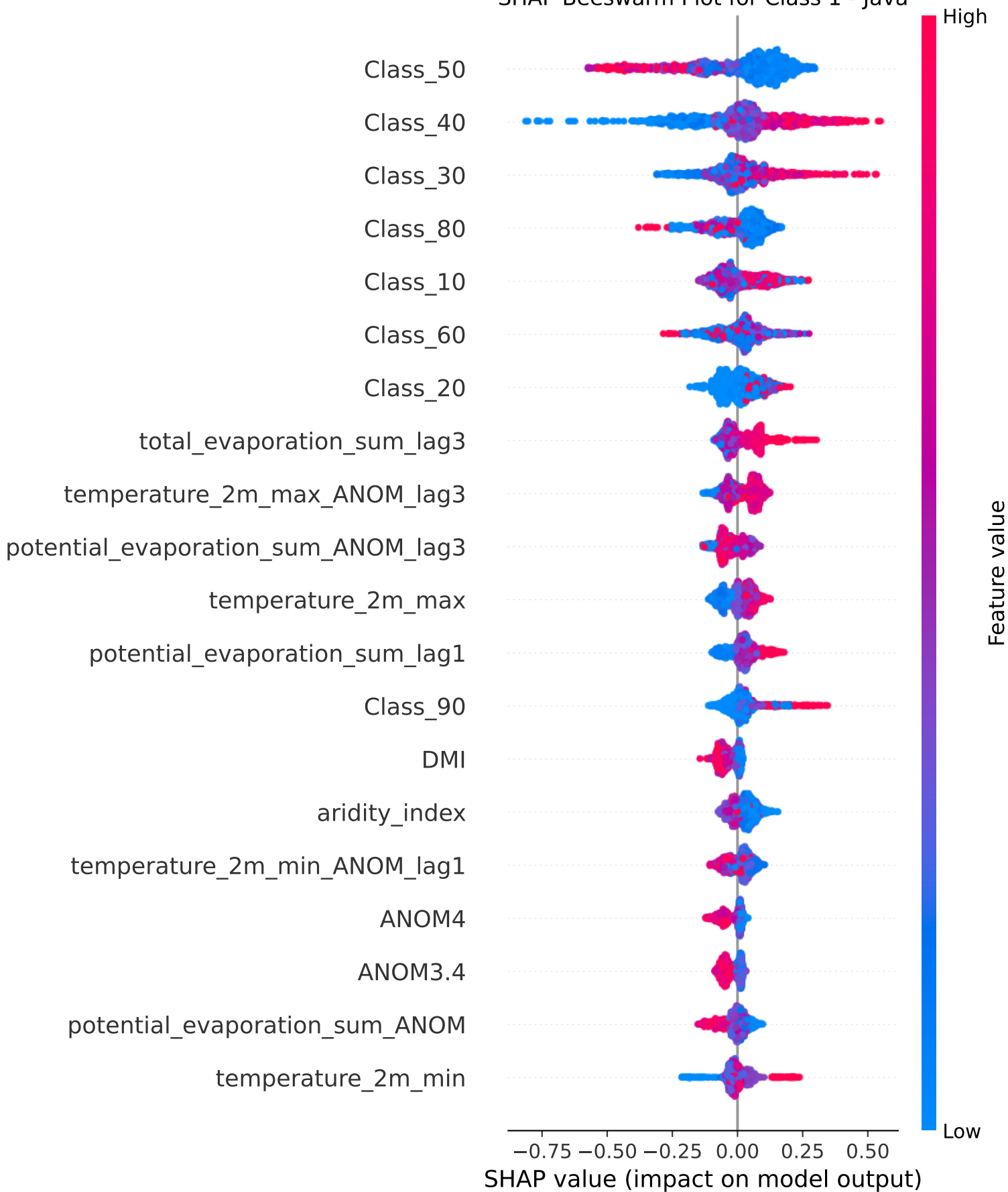


# SHAP Beeswarm Plot for Class 0 - Java

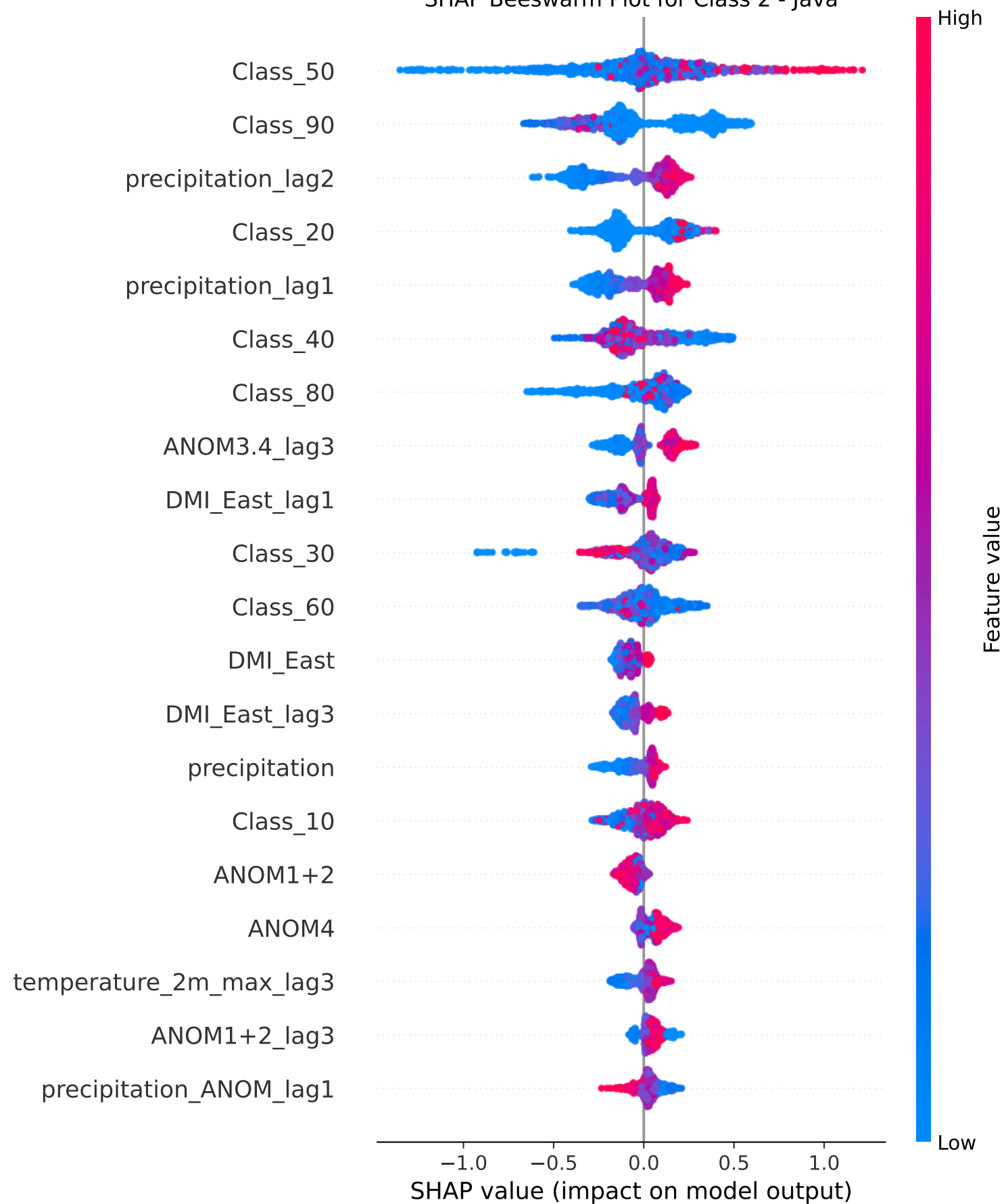




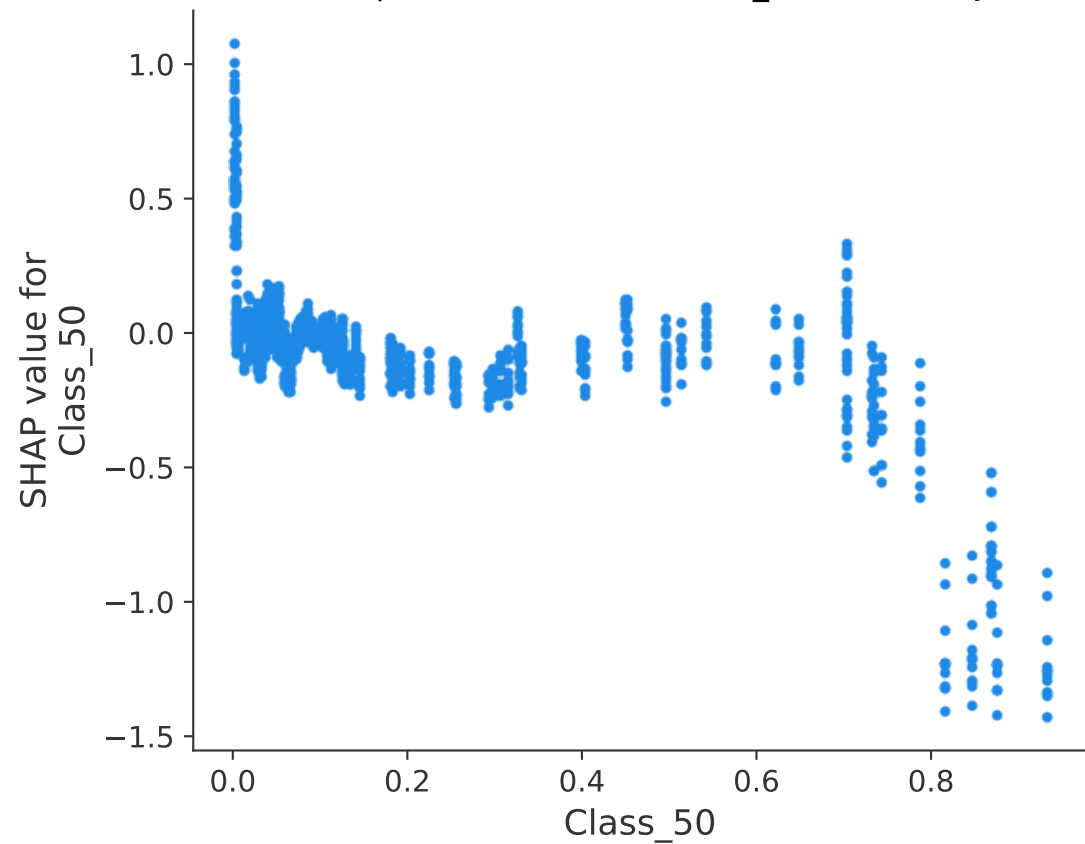
SHAP Beeswarm Plot for Class 1 - Java



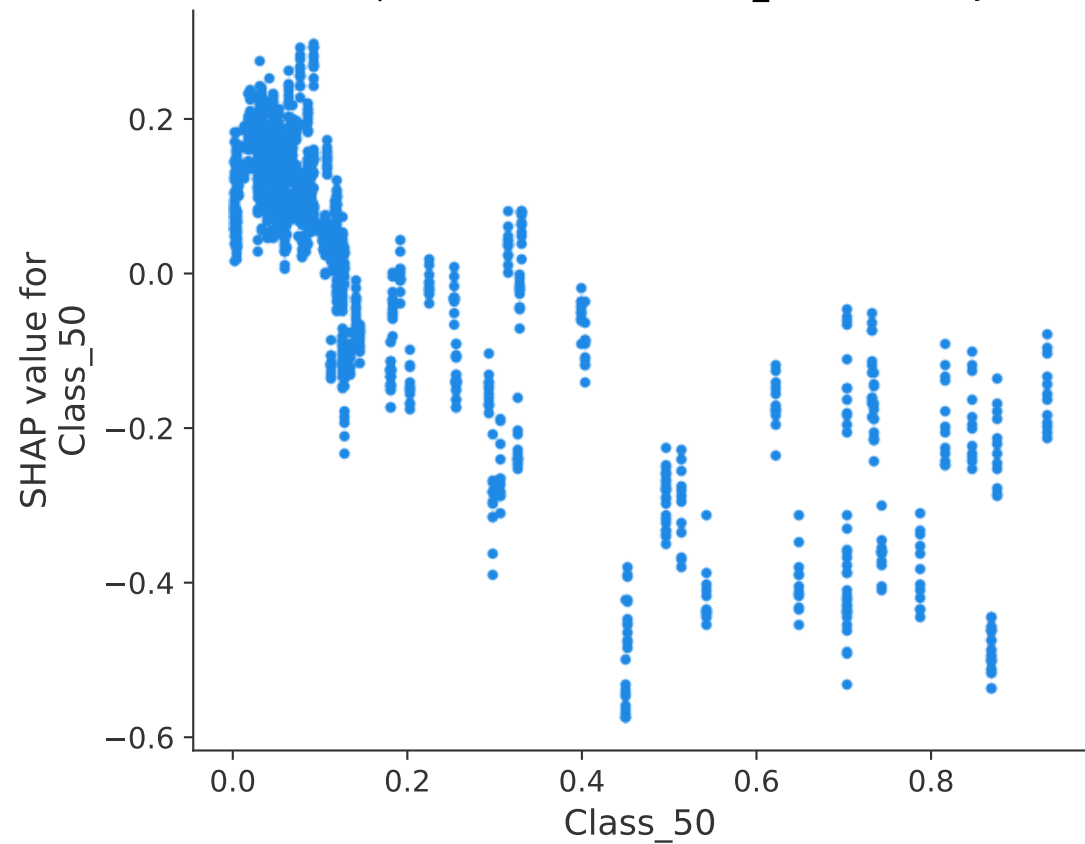
# SHAP Beeswarm Plot for Class 2 - Java



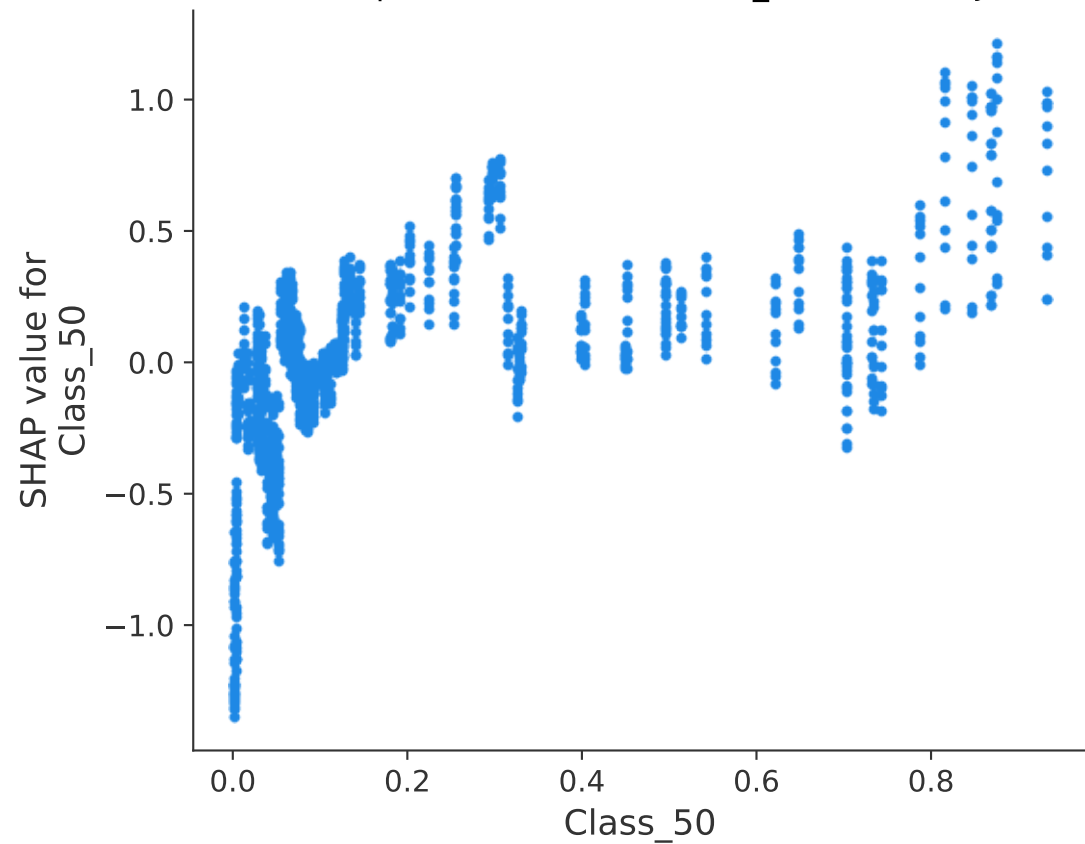
SHAP Dependence Plot for Class\_50, Class 0 - Java



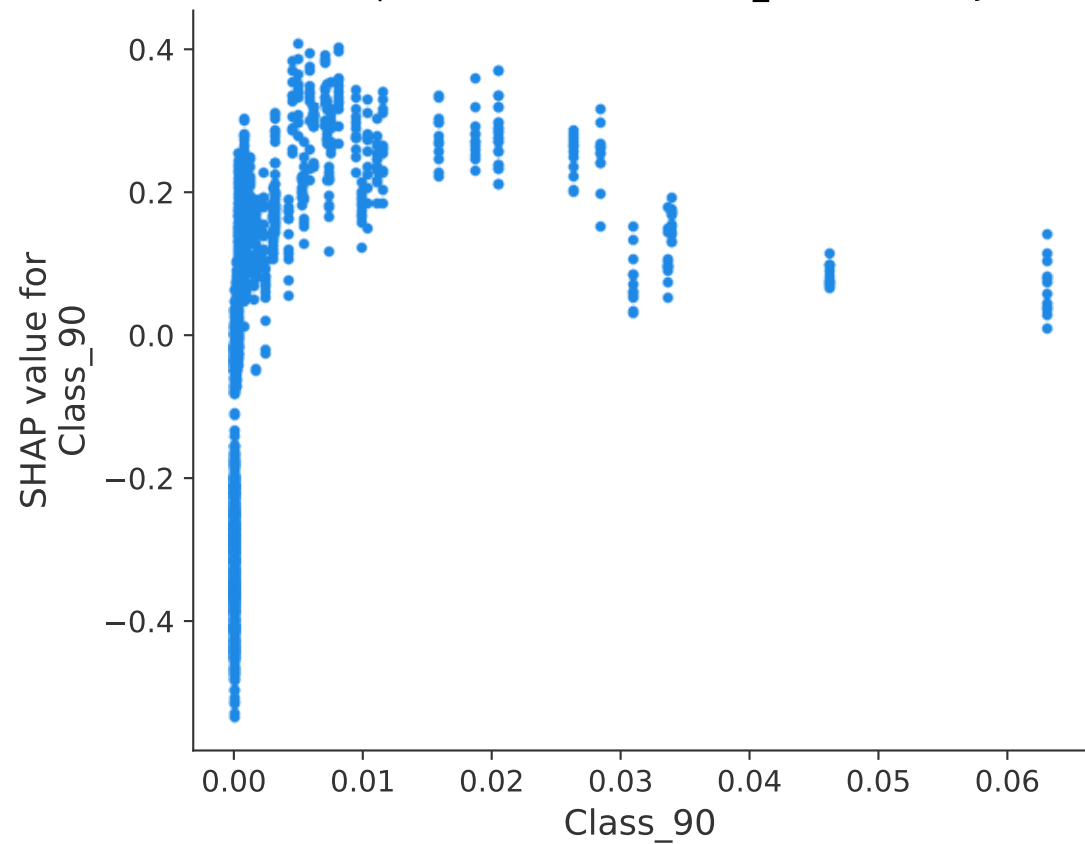
SHAP Dependence Plot for Class\_50, Class 1 - Java



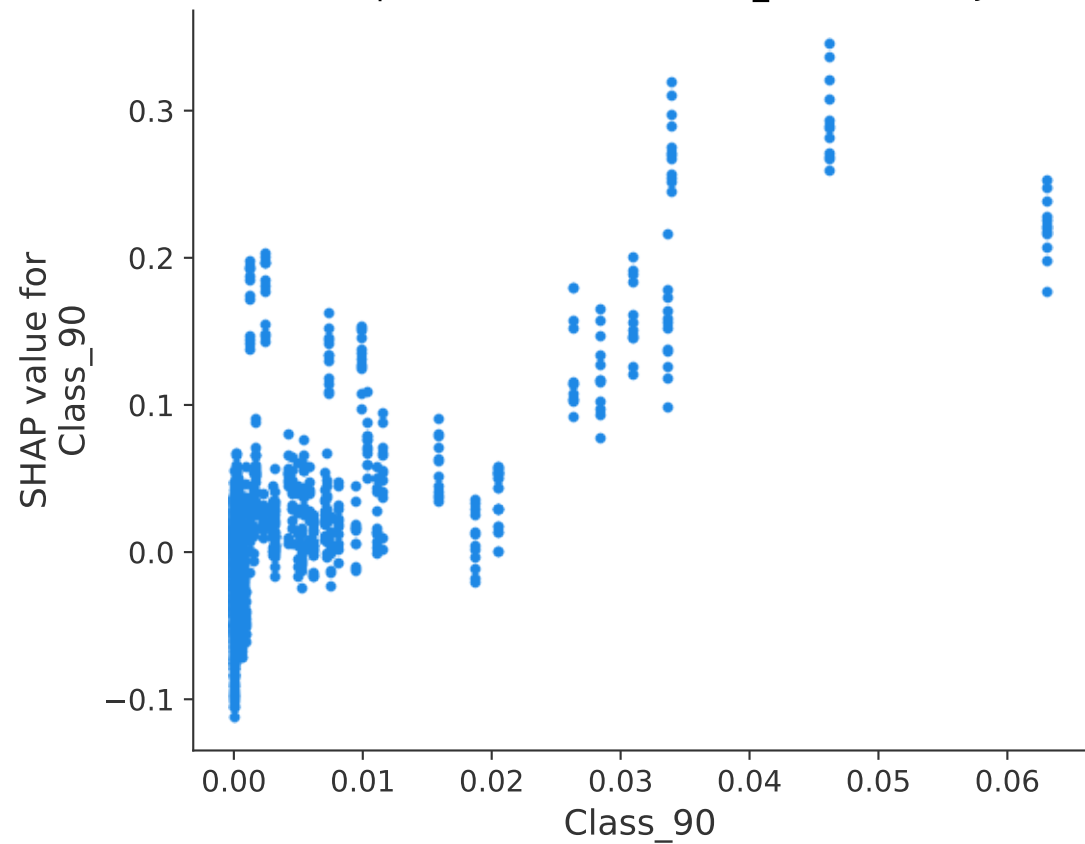
SHAP Dependence Plot for Class\_50, Class 2 - Java



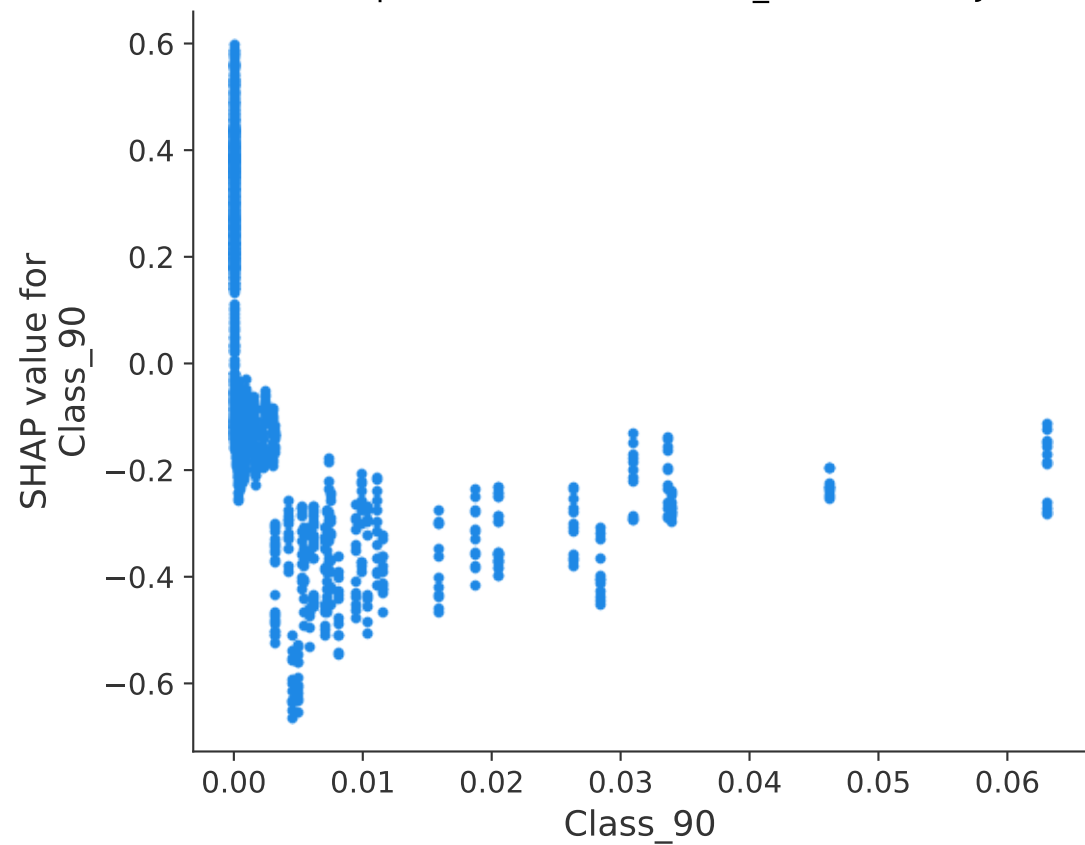
SHAP Dependence Plot for Class\_90, Class 0 - Java



SHAP Dependence Plot for Class\_90, Class 1 - Java

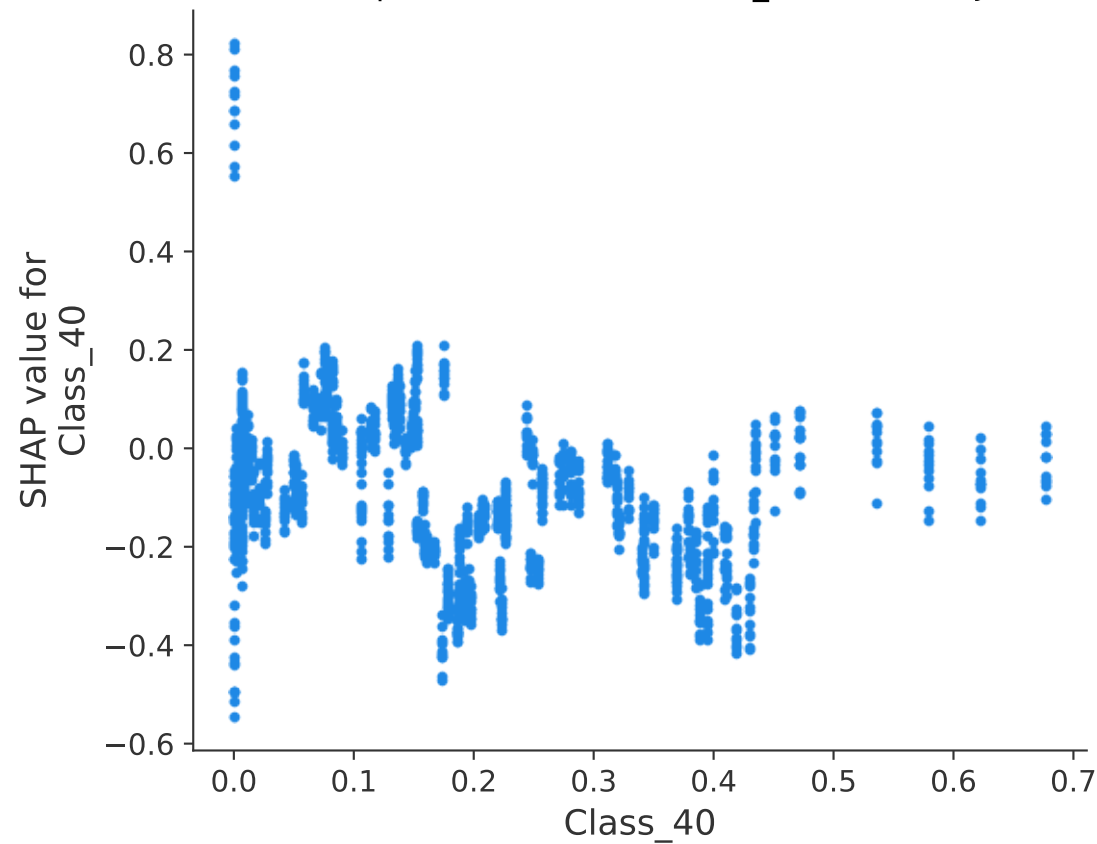


SHAP Dependence Plot for Class\_90, Class 2 - Java

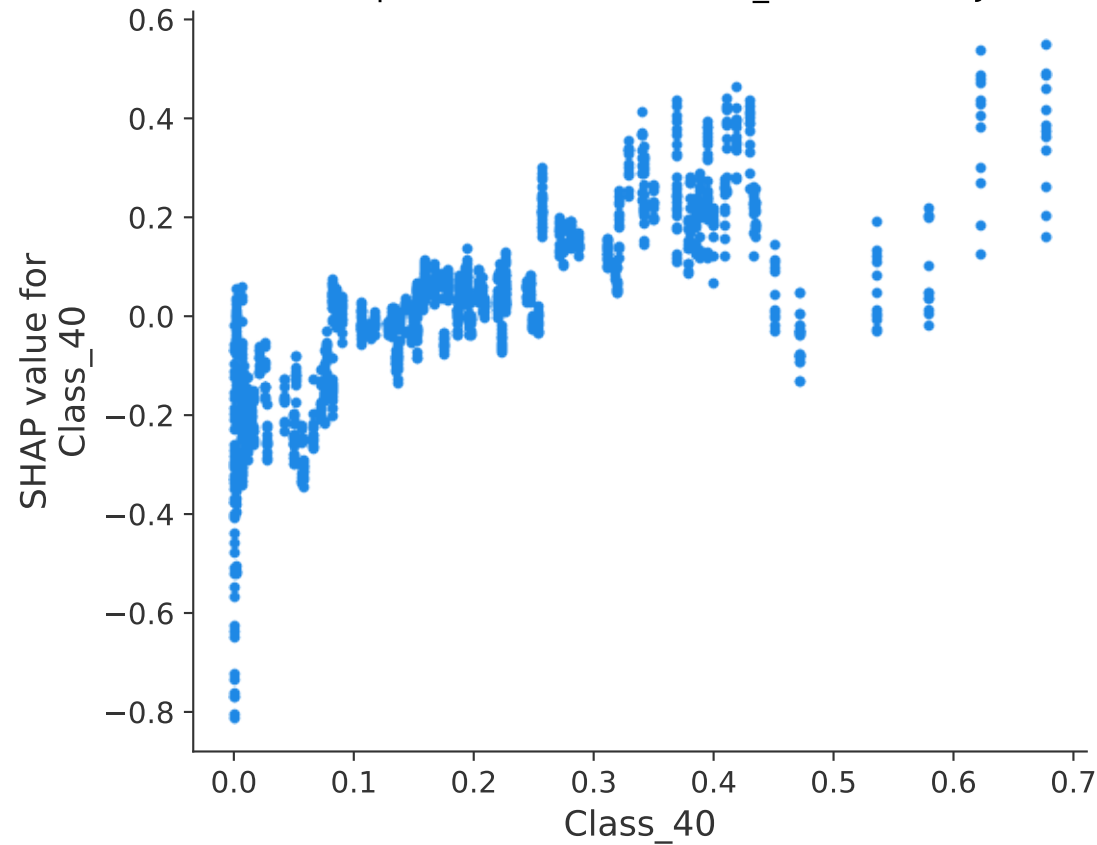




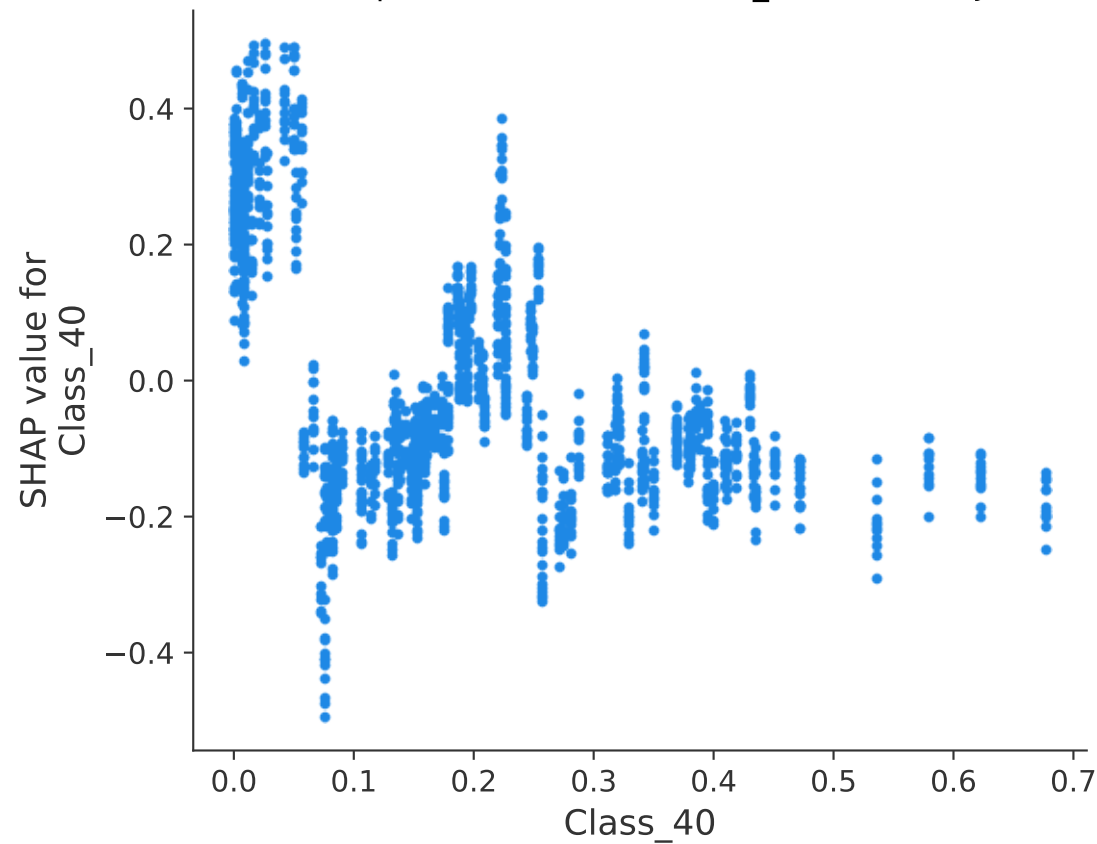
SHAP Dependence Plot for Class\_40, Class 0 - Java



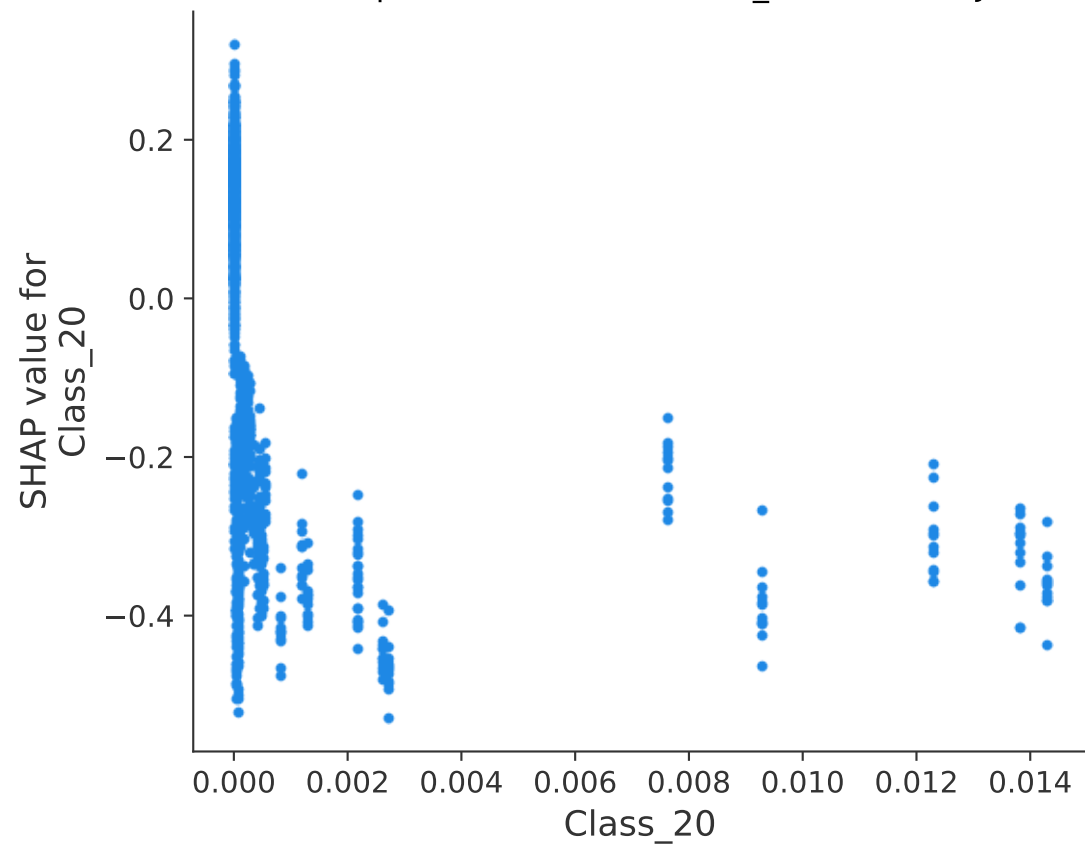
SHAP Dependence Plot for Class\_40, Class 1 - Java



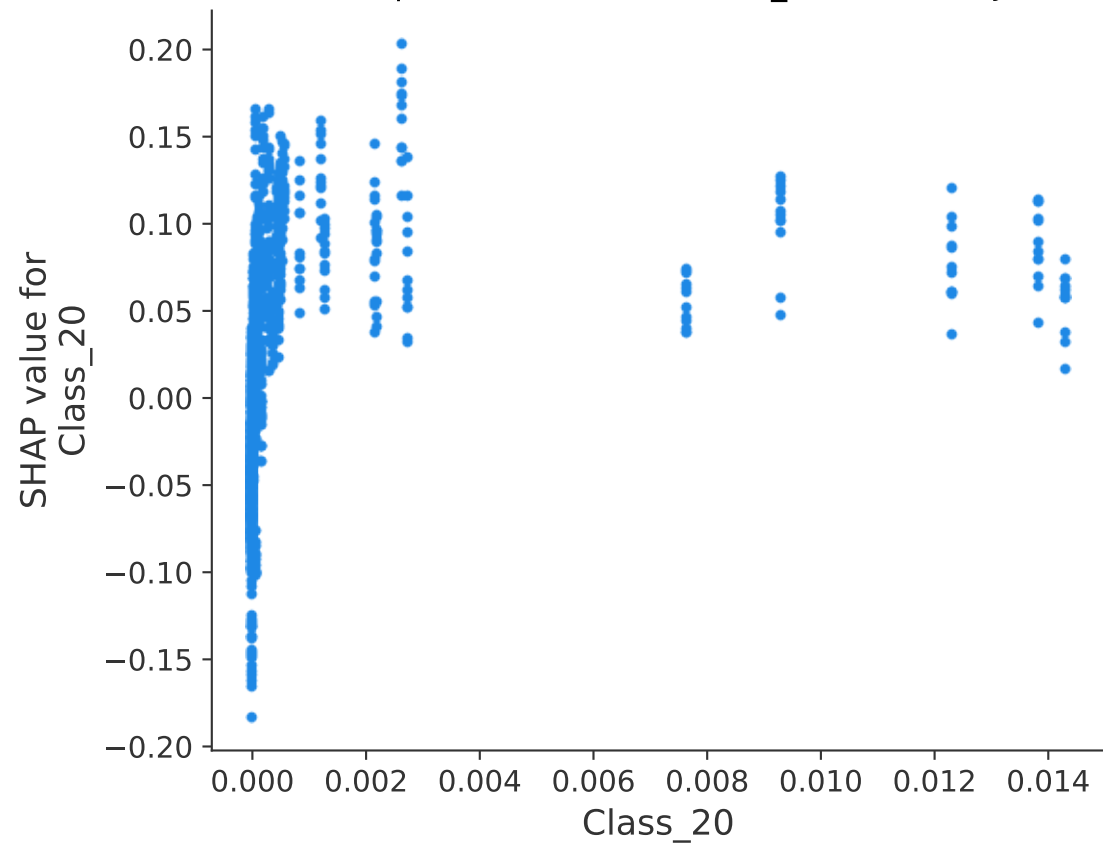
SHAP Dependence Plot for Class\_40, Class 2 - Java



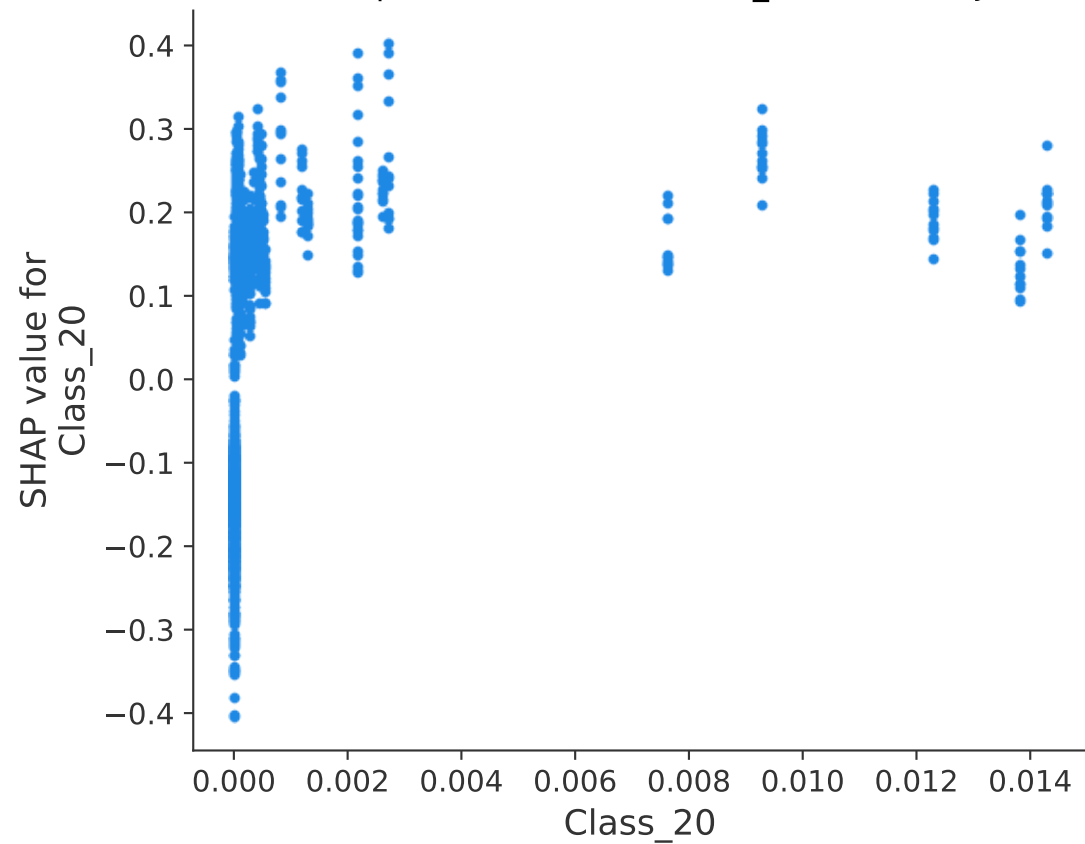
SHAP Dependence Plot for Class\_20, Class 0 - Java



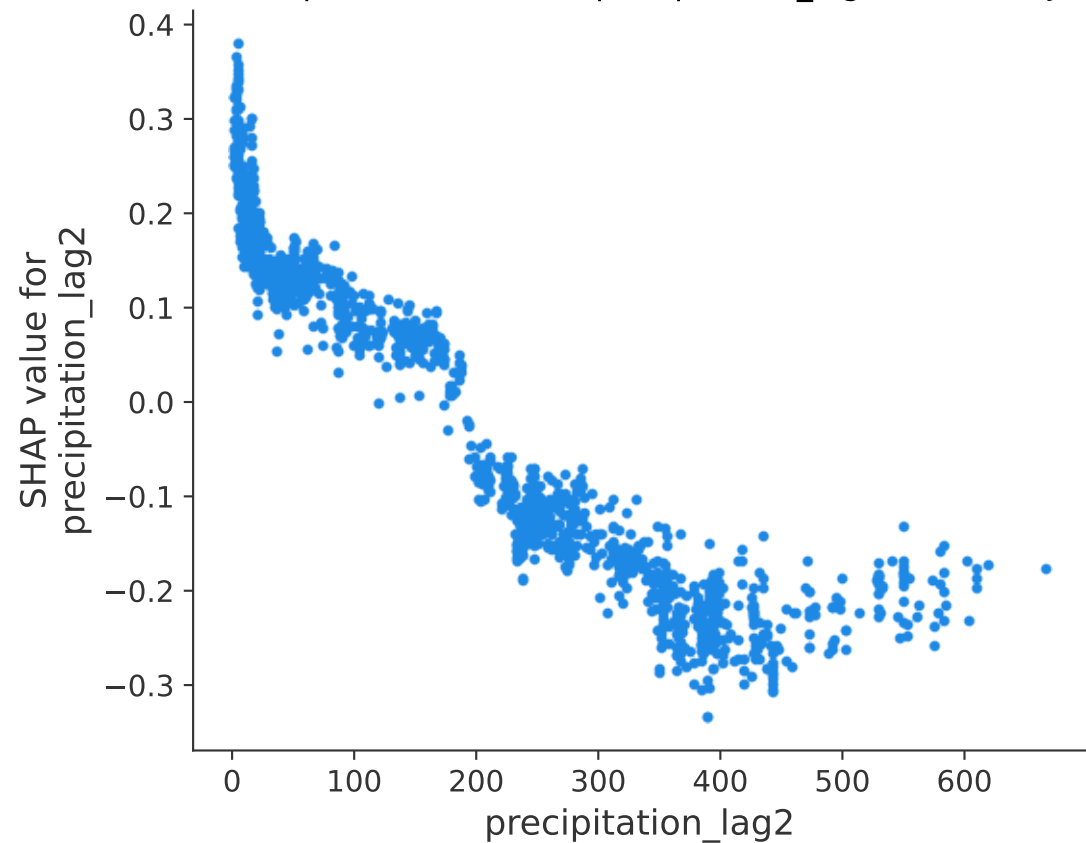
SHAP Dependence Plot for Class\_20, Class 1 - Java



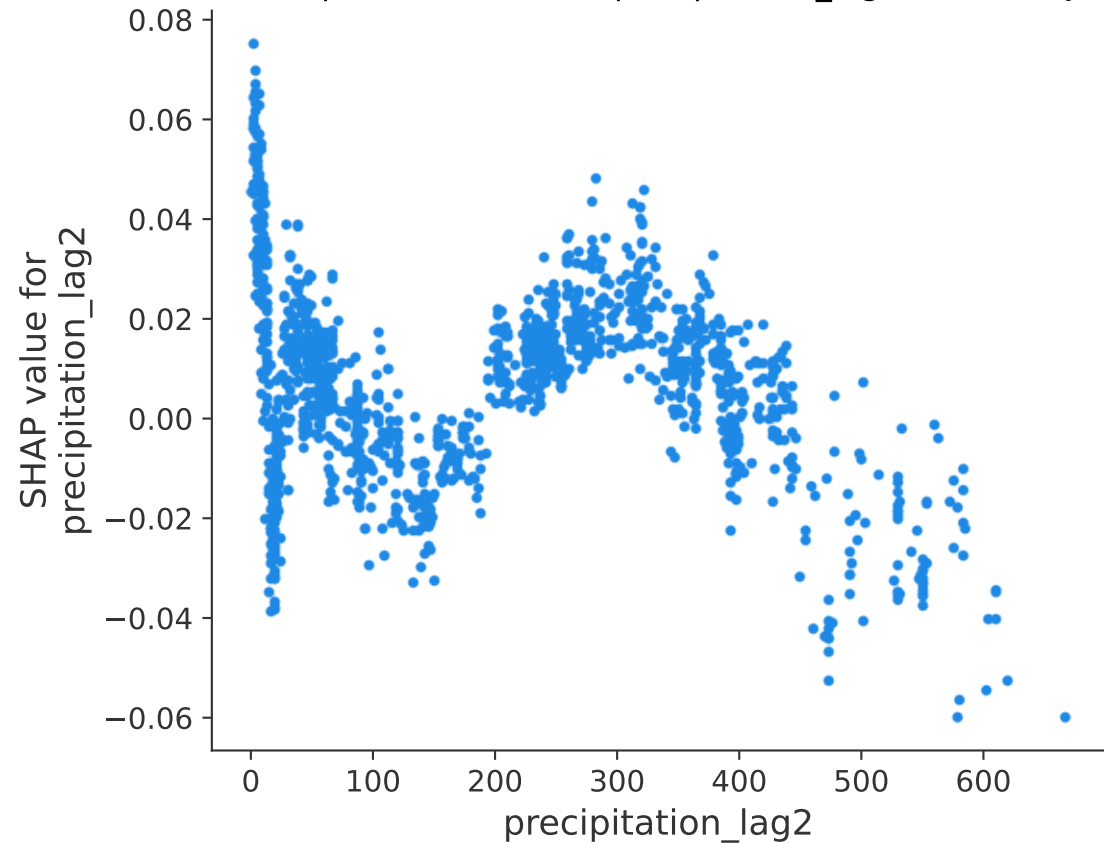
SHAP Dependence Plot for Class\_20, Class 2 - Java



SHAP Dependence Plot for precipitation\_lag2, Class 0 - Java

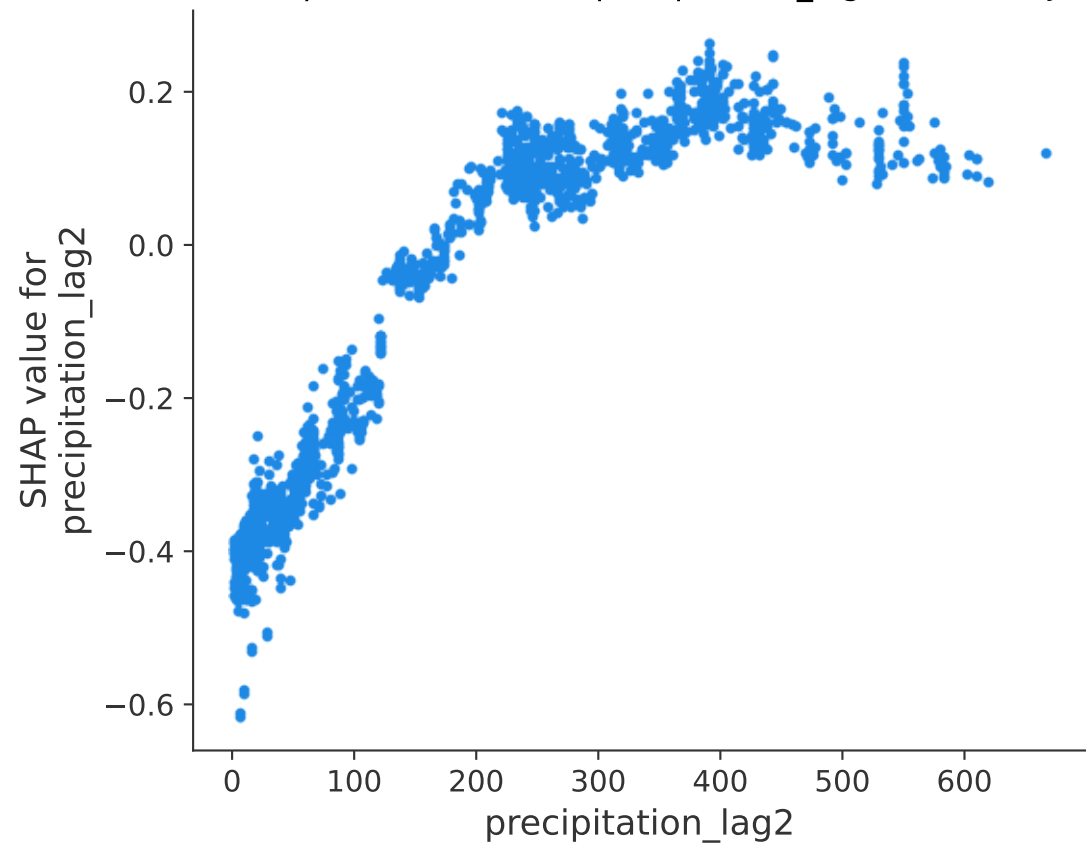


SHAP Dependence Plot for precipitation\_lag2, Class 1 - Java

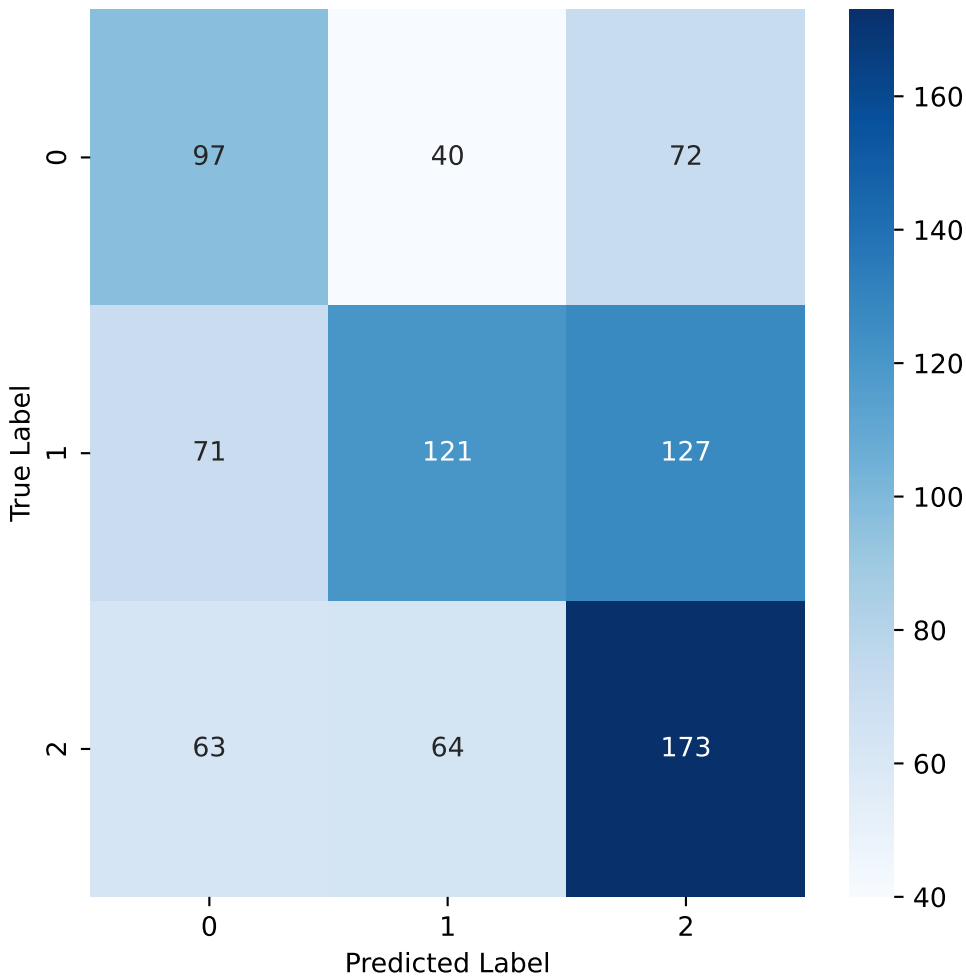




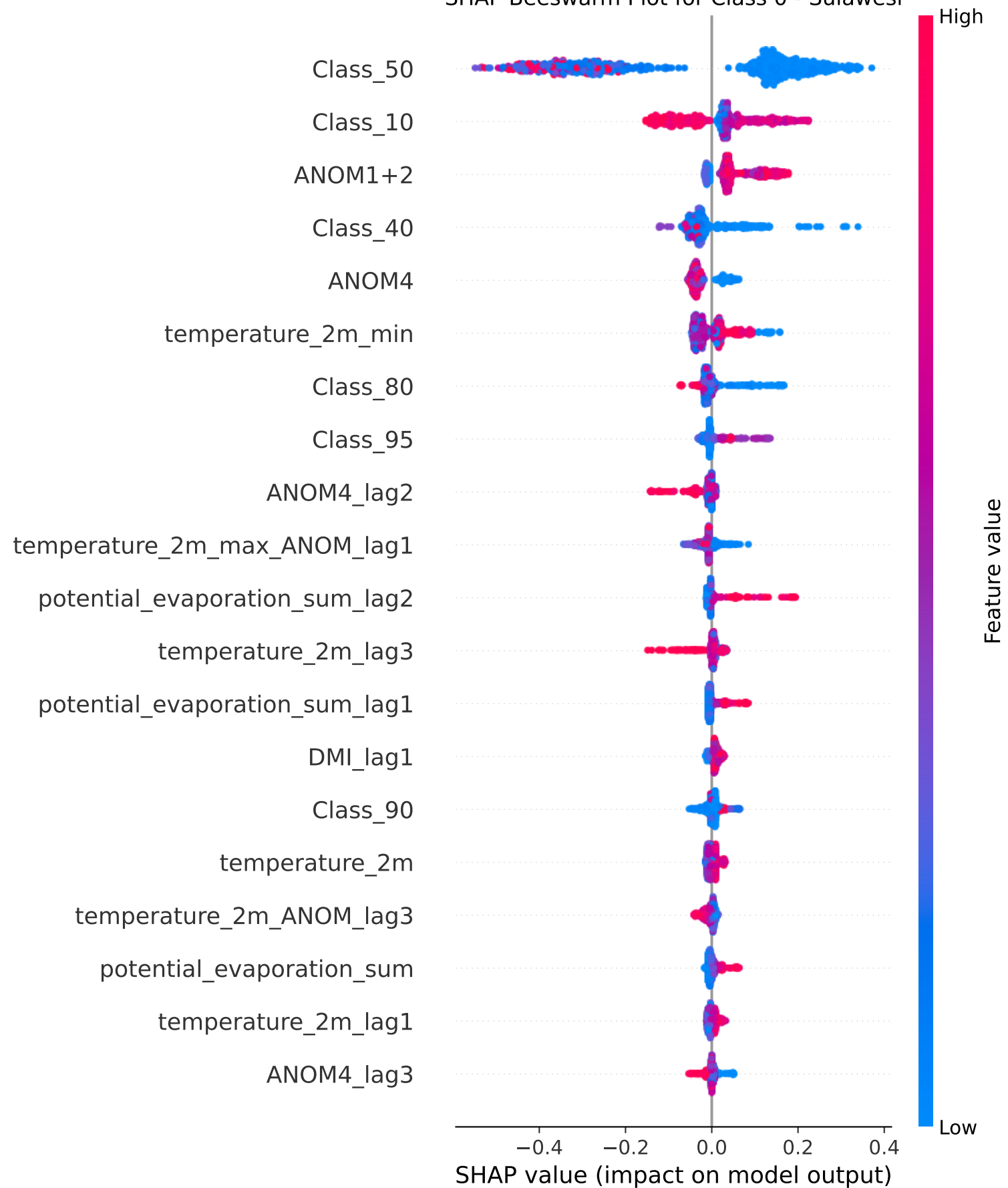
SHAP Dependence Plot for precipitation\_lag2, Class 2 - Java



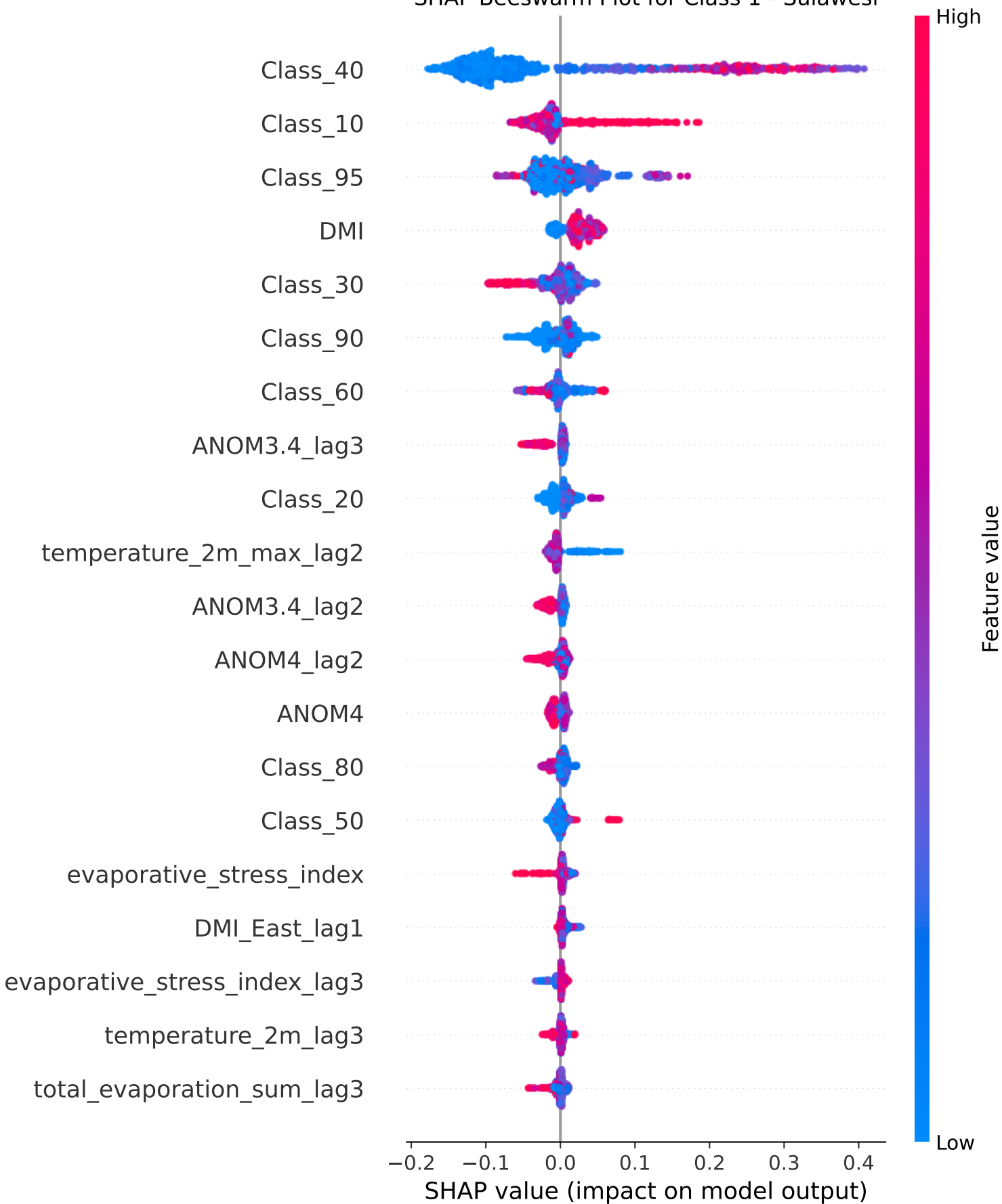
Confusion Matrix - Sulawesi



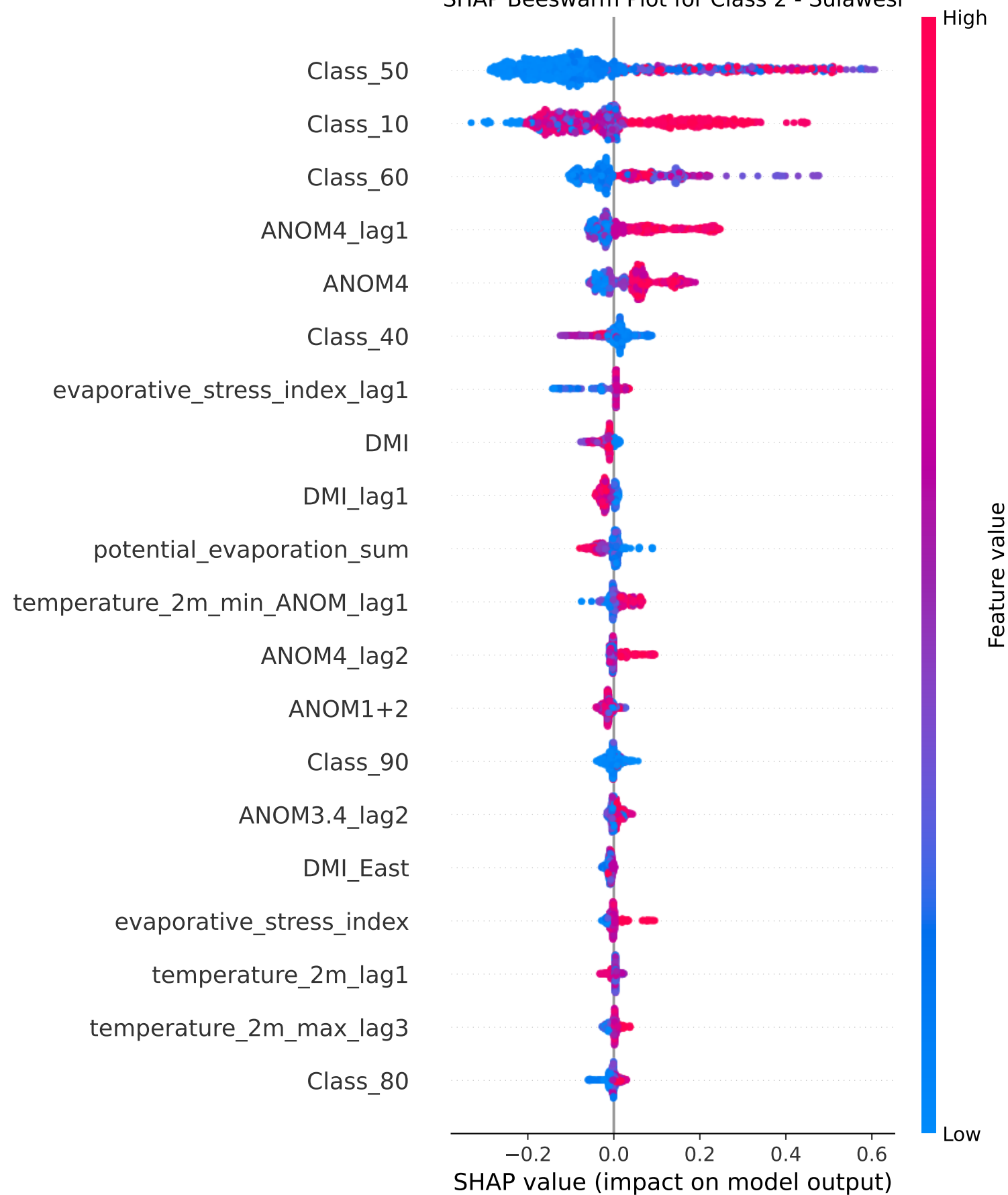
SHAP Beeswarm Plot for Class 0 - Sulawesi



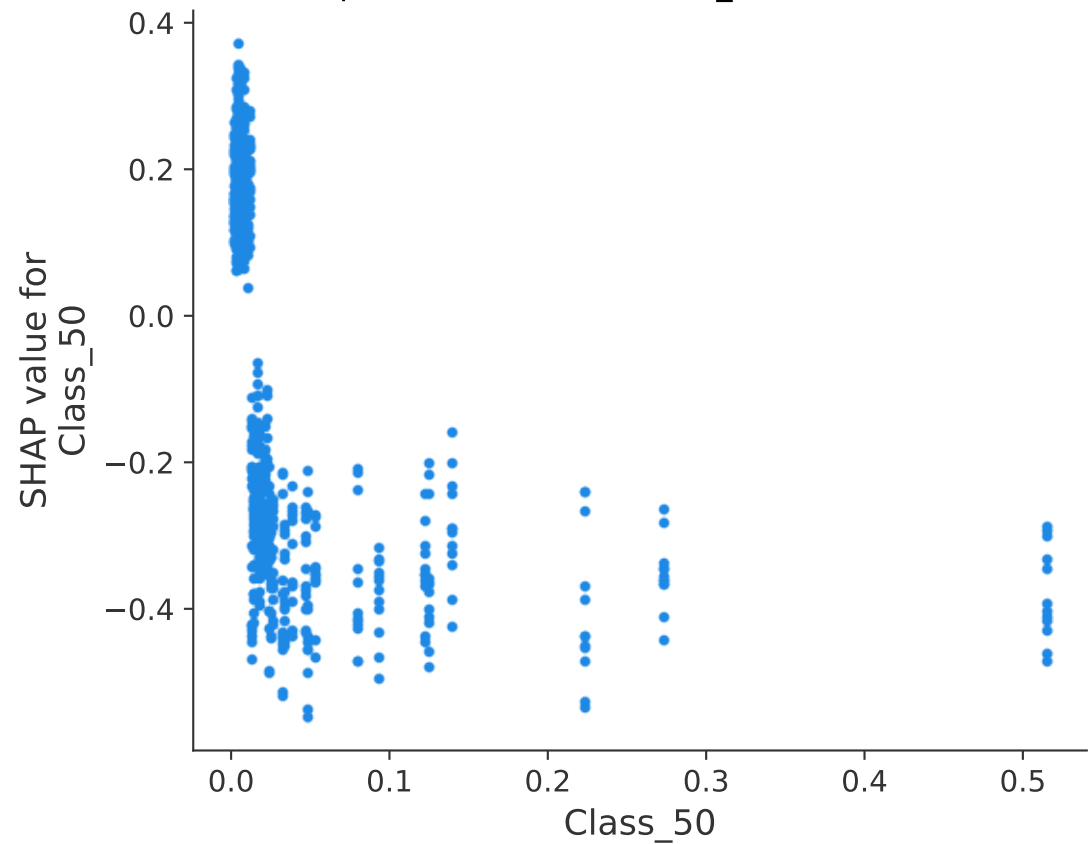
# SHAP Beeswarm Plot for Class 1 - Sulawesi



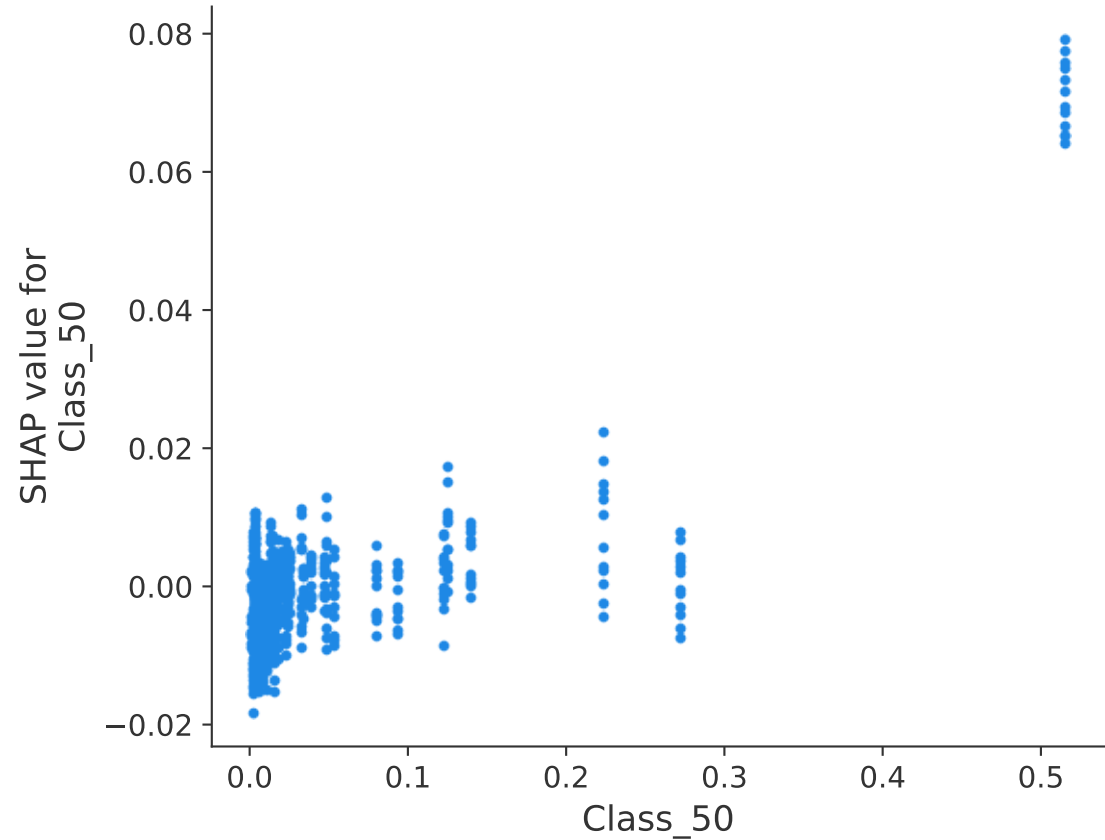
SHAP Beeswarm Plot for Class 2 - Sulawesi



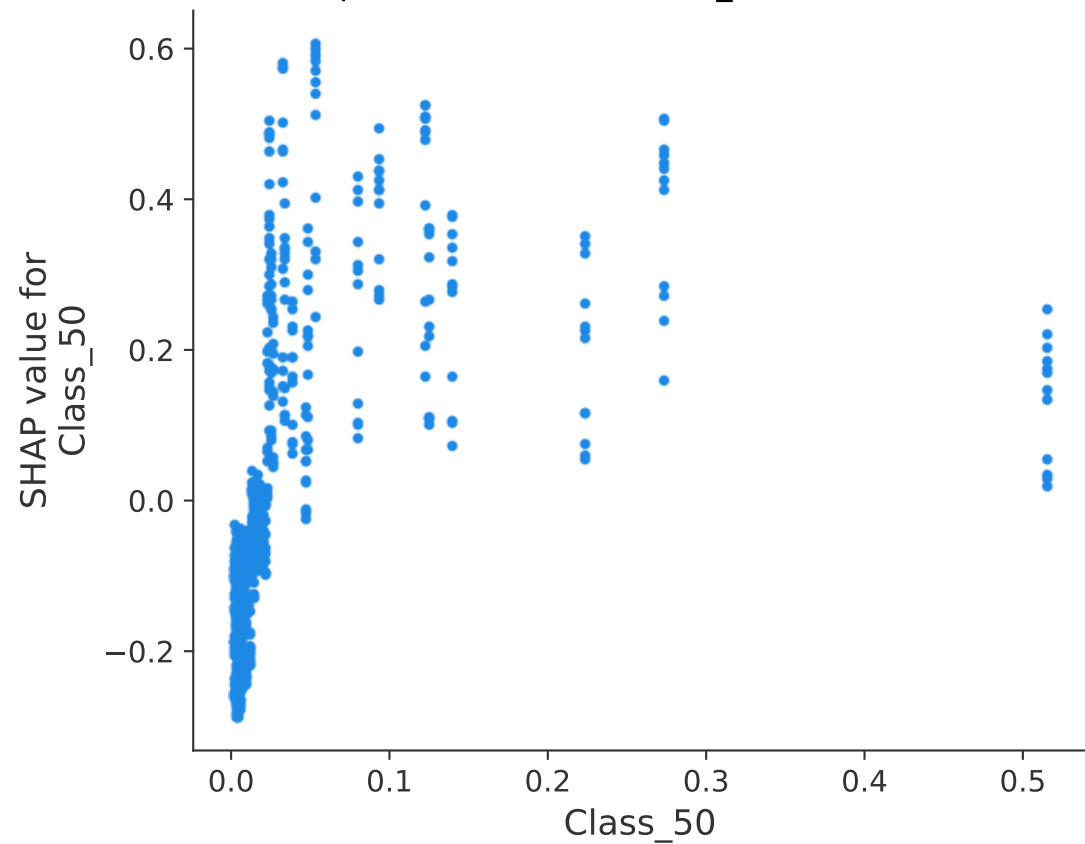
SHAP Dependence Plot for Class\_50, Class 0 - Sulawesi



SHAP Dependence Plot for Class\_50, Class 1 - Sulawesi

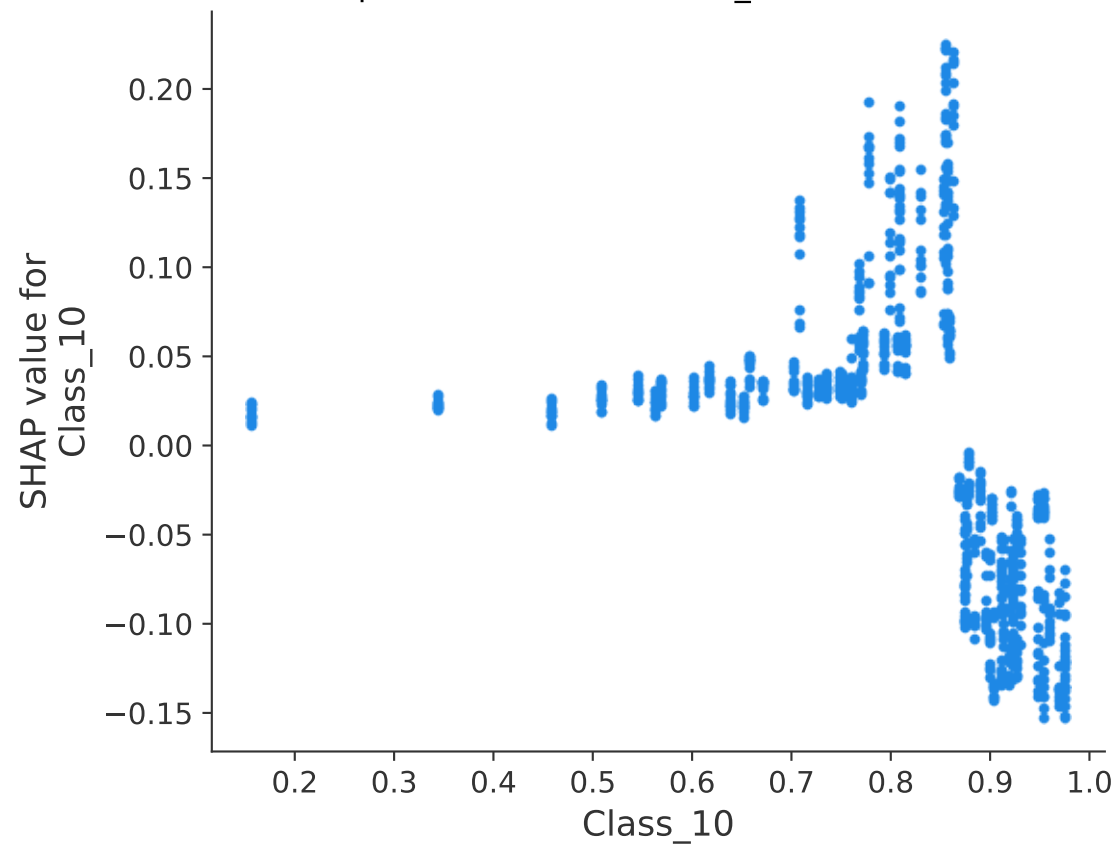


SHAP Dependence Plot for Class\_50, Class 2 - Sulawesi

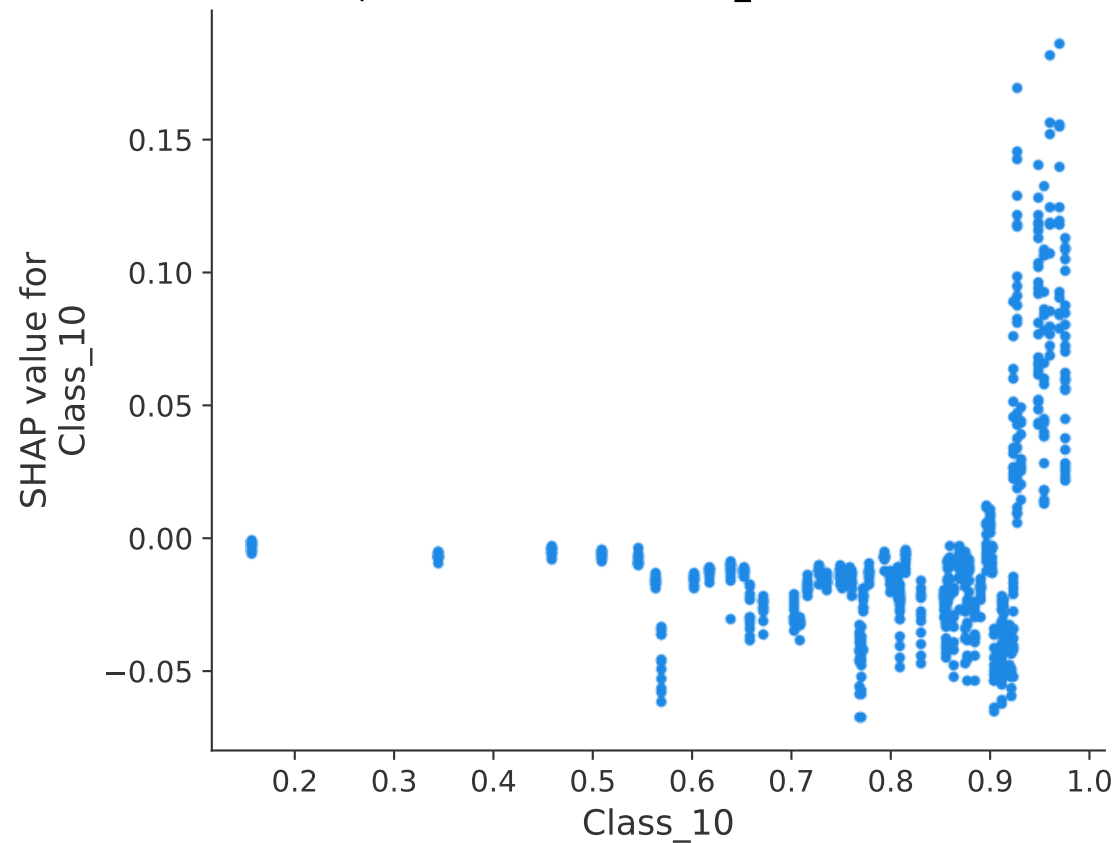




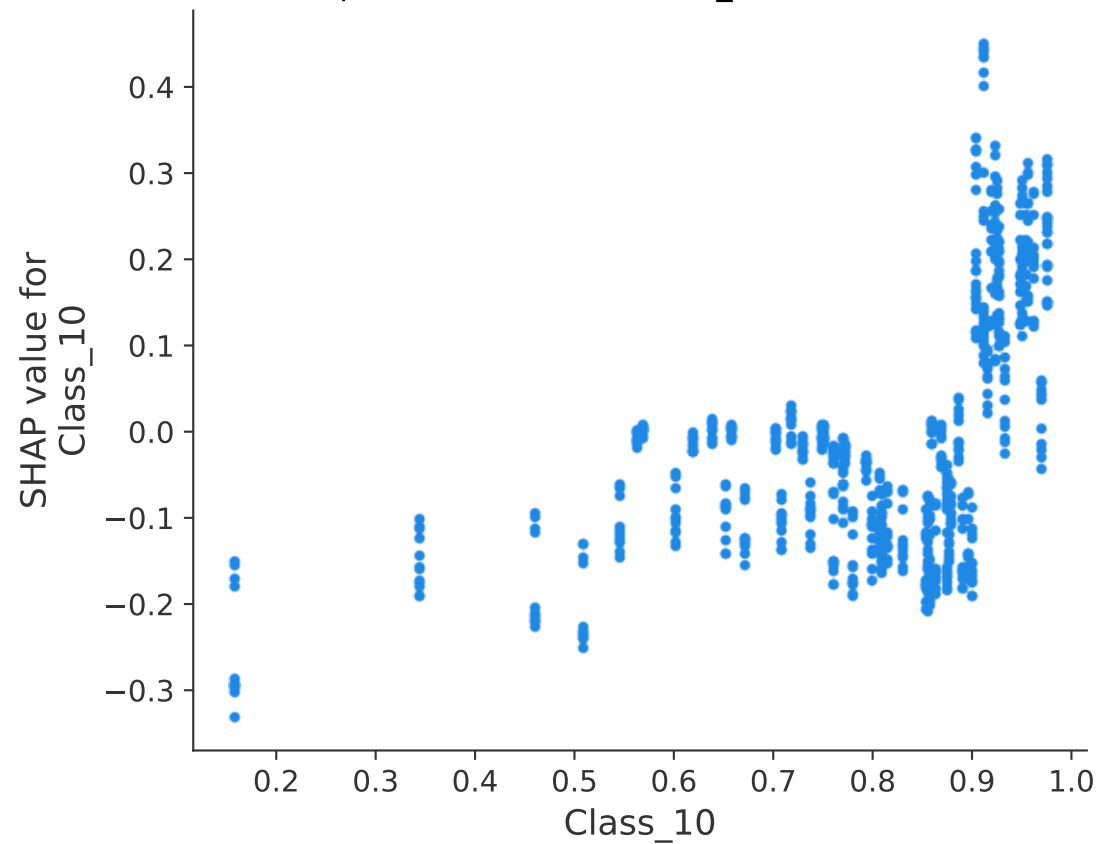
SHAP Dependence Plot for Class\_10, Class 0 - Sulawesi



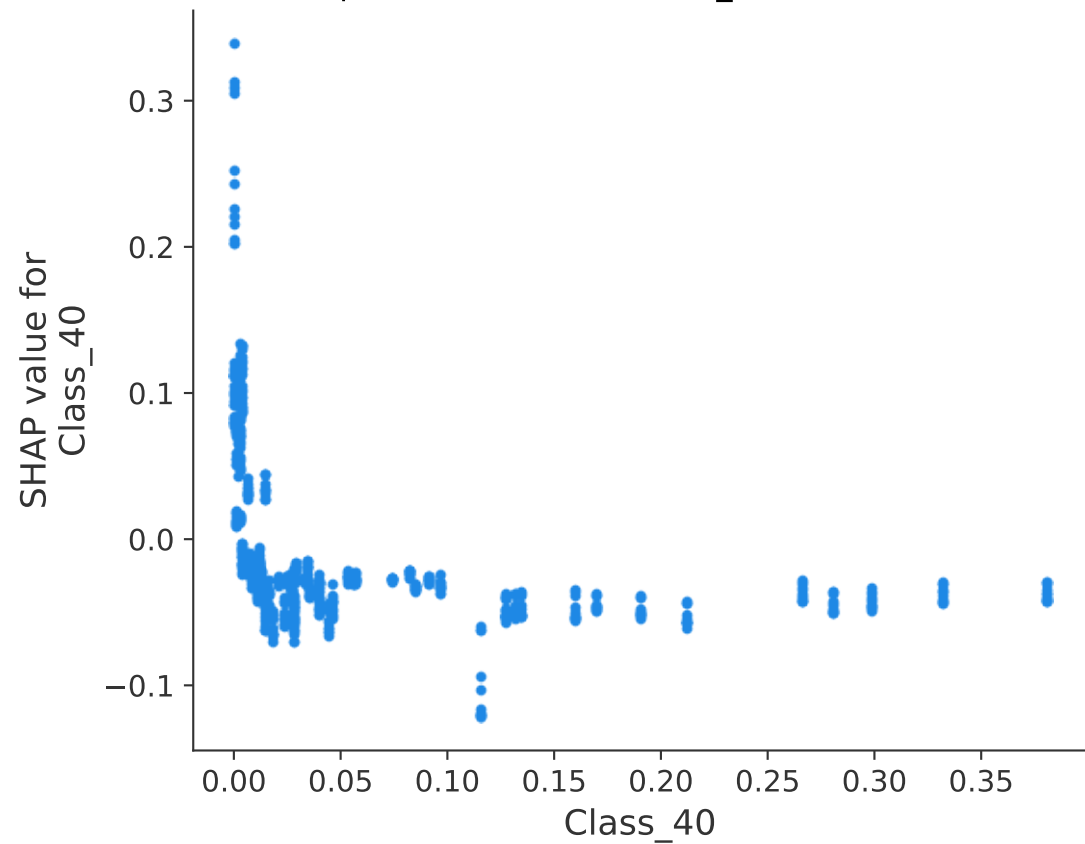
SHAP Dependence Plot for Class\_10, Class 1 - Sulawesi



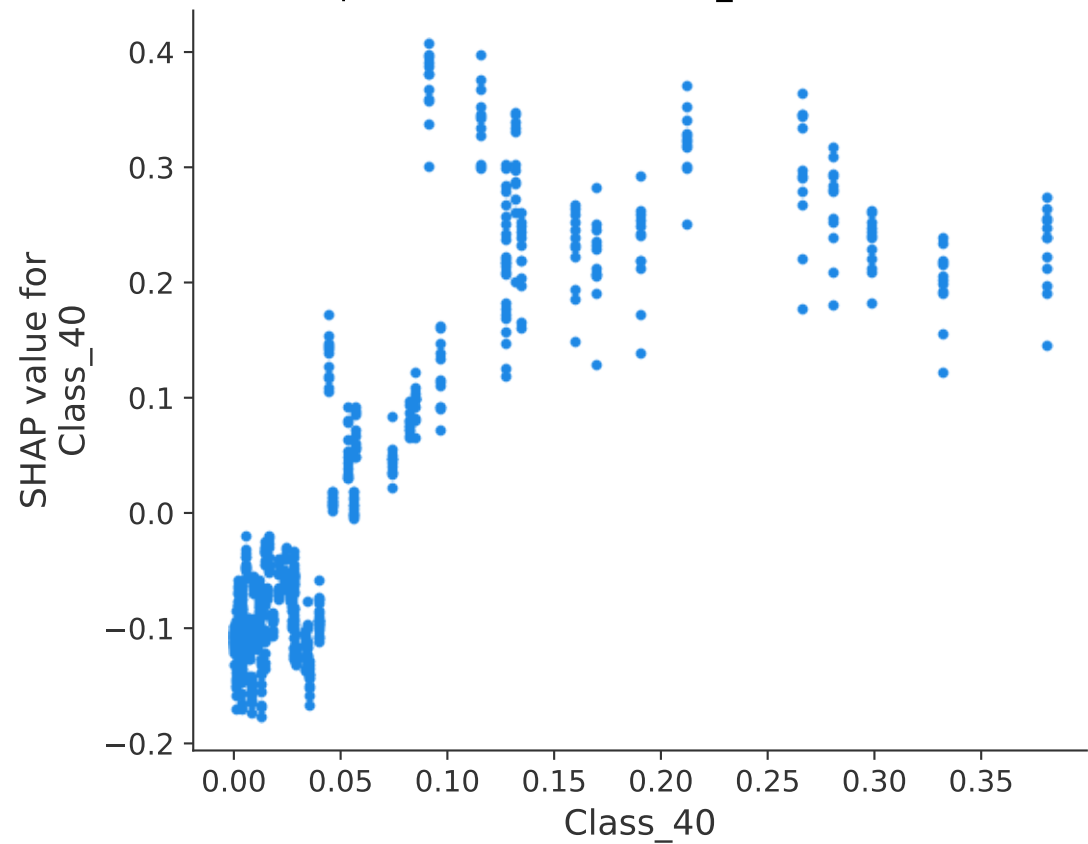
SHAP Dependence Plot for Class\_10, Class 2 - Sulawesi



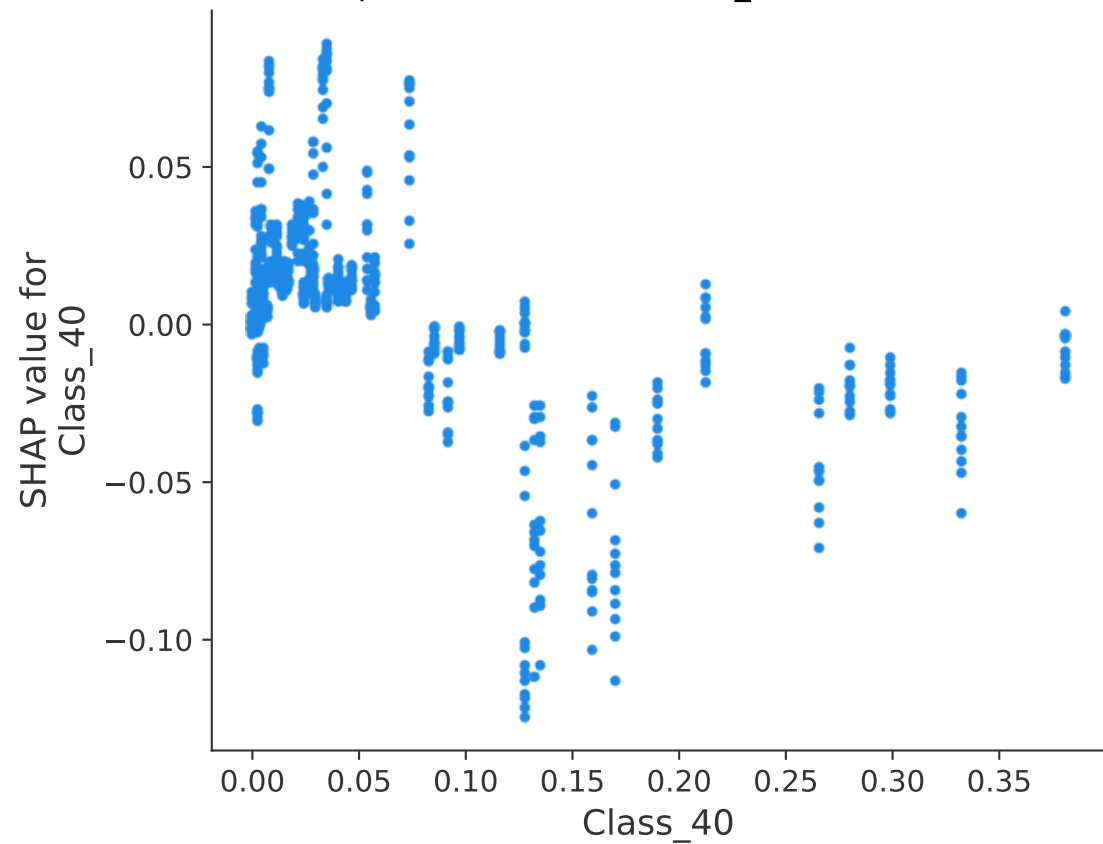
SHAP Dependence Plot for Class\_40, Class 0 - Sulawesi



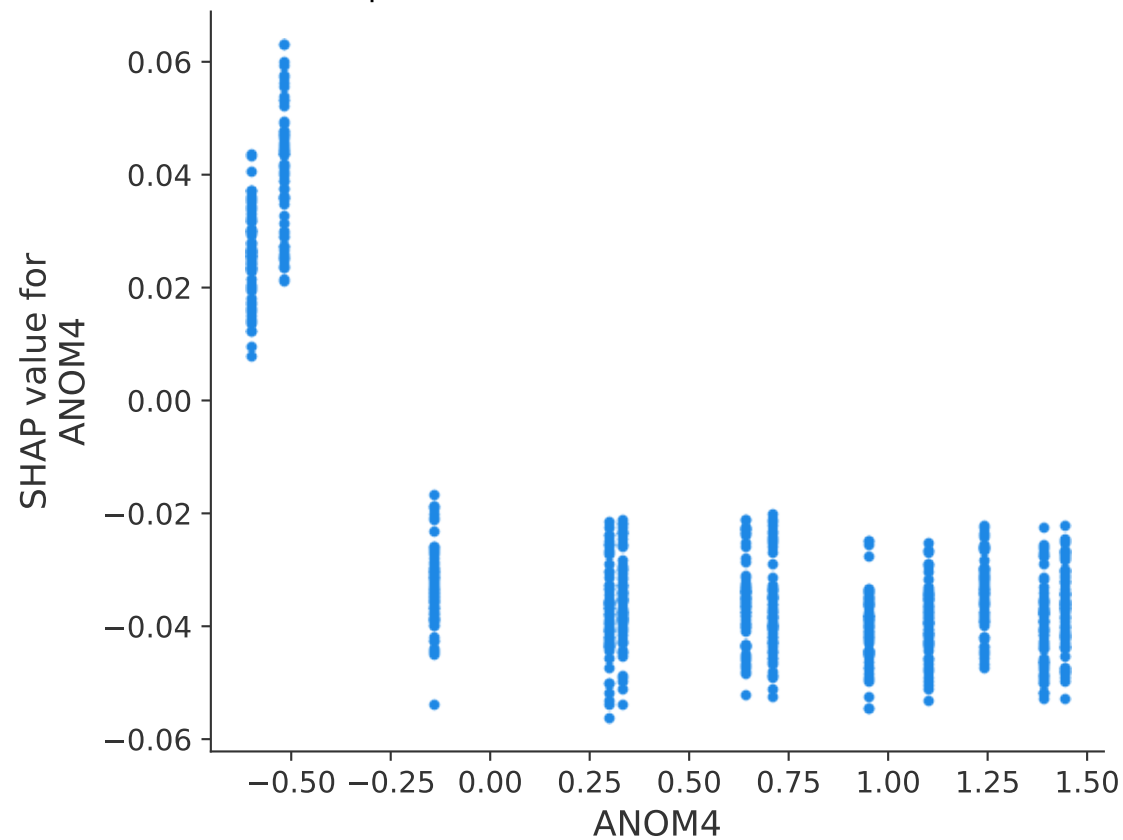
SHAP Dependence Plot for Class\_40, Class 1 - Sulawesi



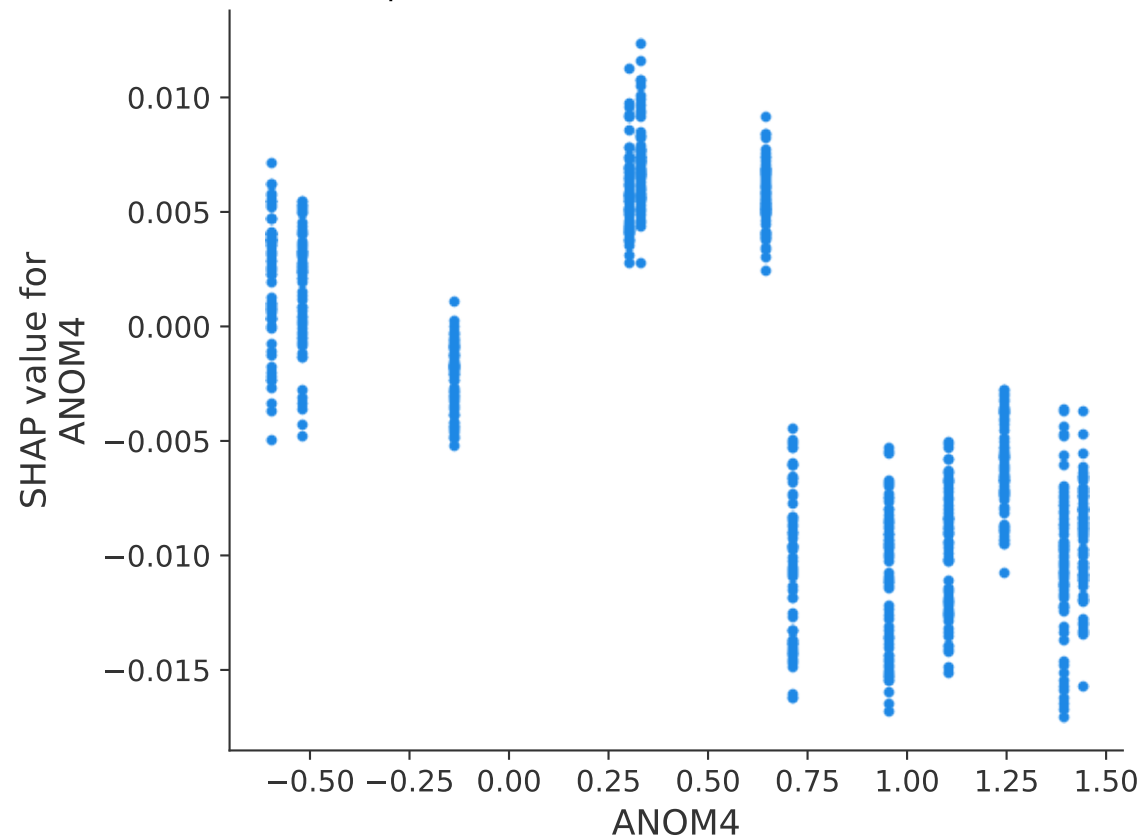
SHAP Dependence Plot for Class\_40, Class 2 - Sulawesi



SHAP Dependence Plot for ANOM4, Class 0 - Sulawesi

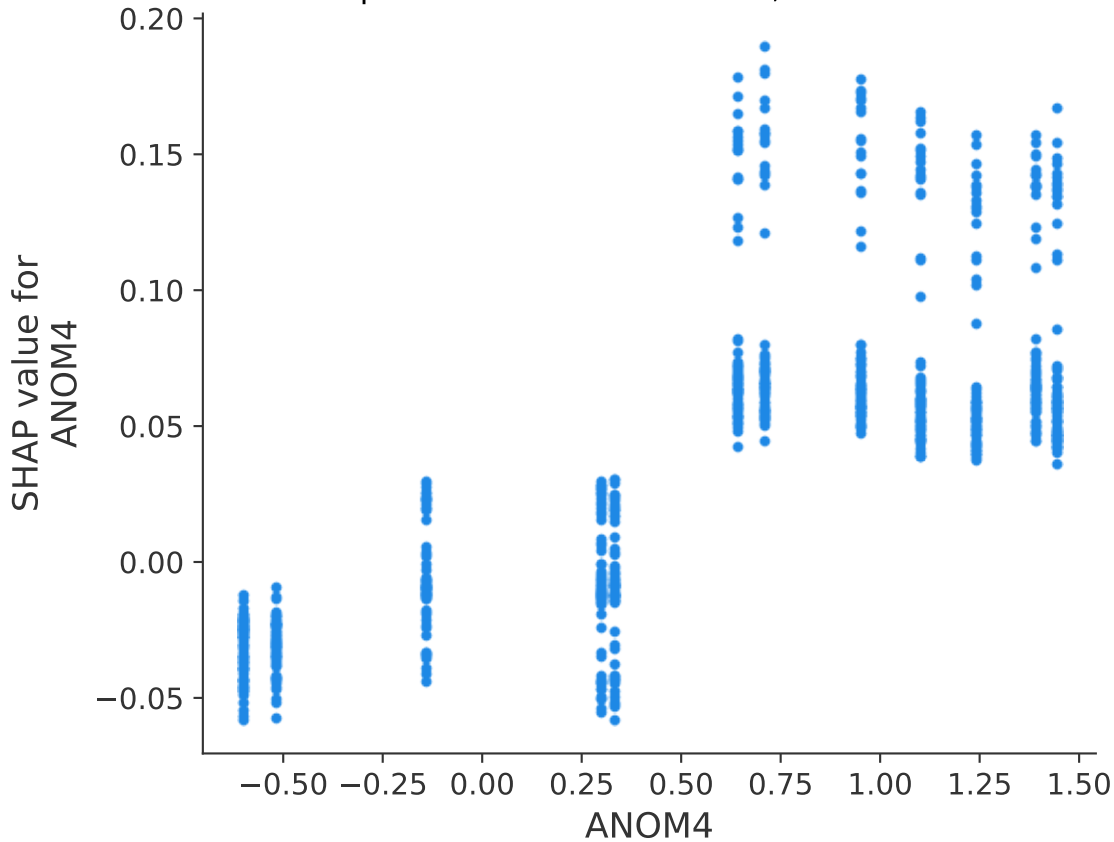


SHAP Dependence Plot for ANOM4, Class 1 - Sulawesi

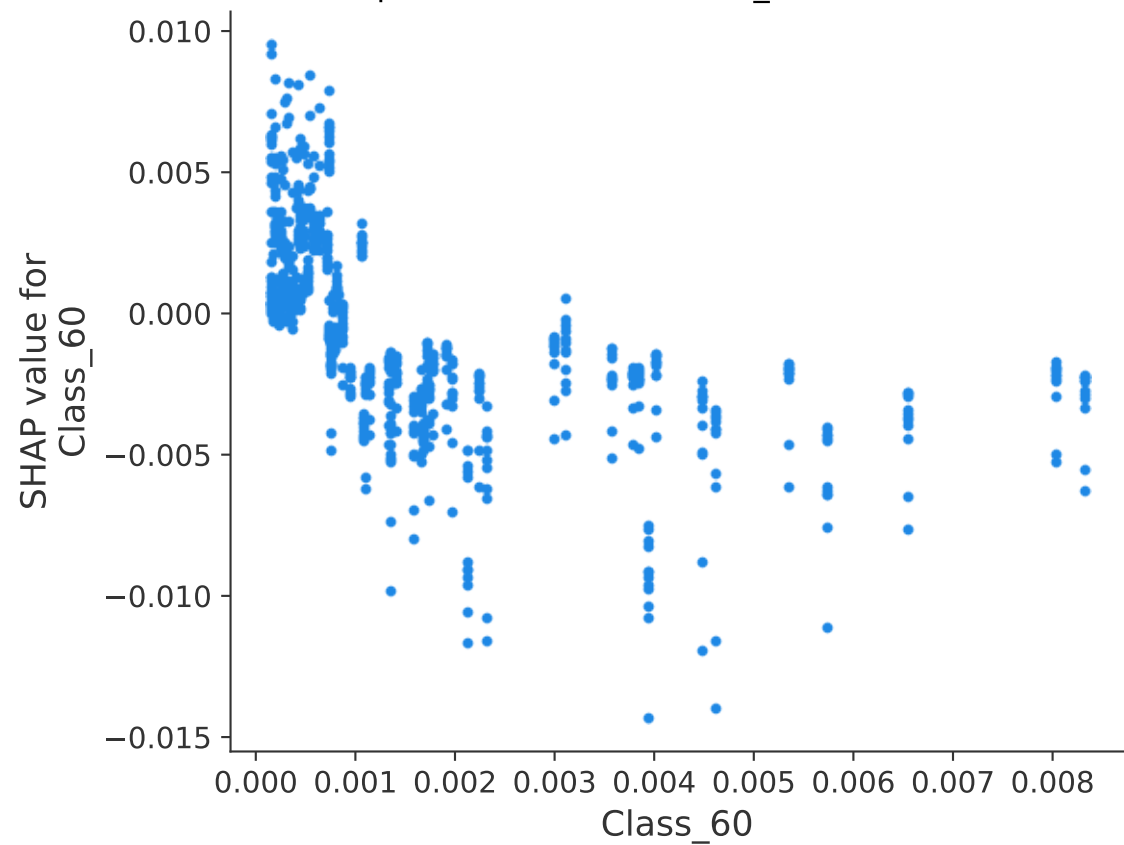




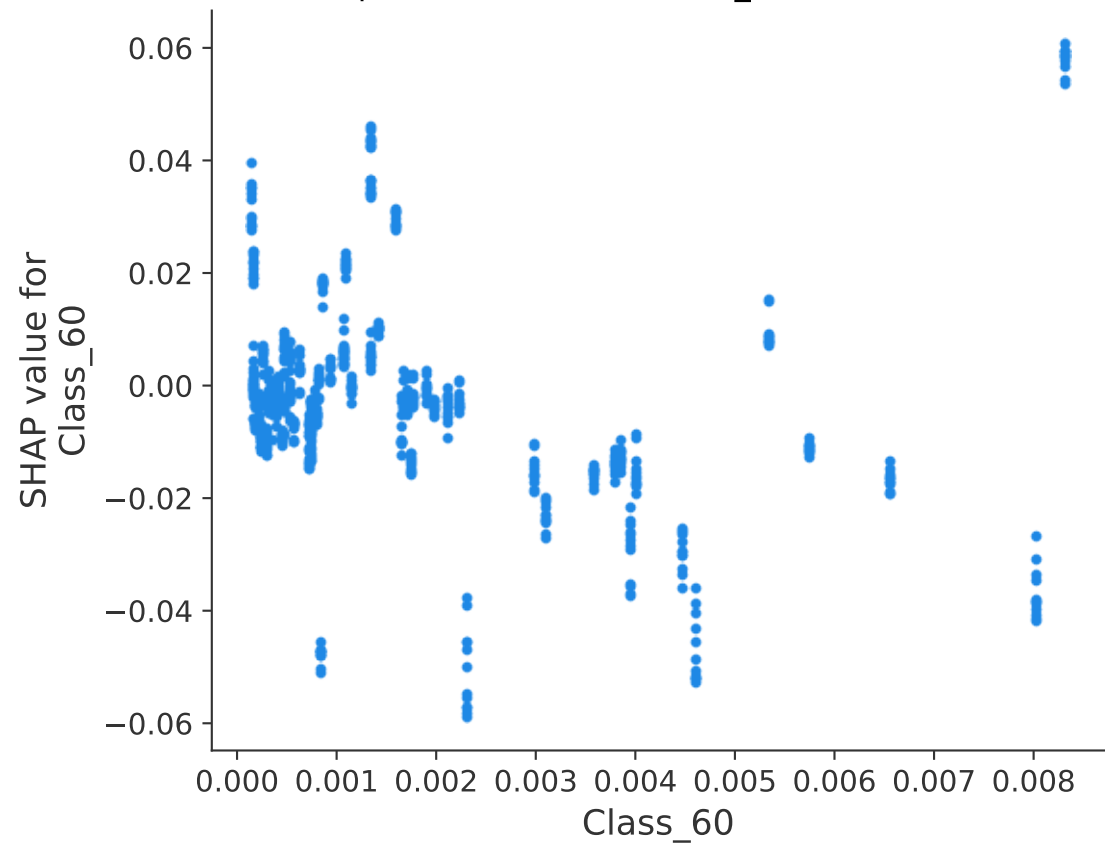
SHAP Dependence Plot for ANOM4, Class 2 - Sulawesi



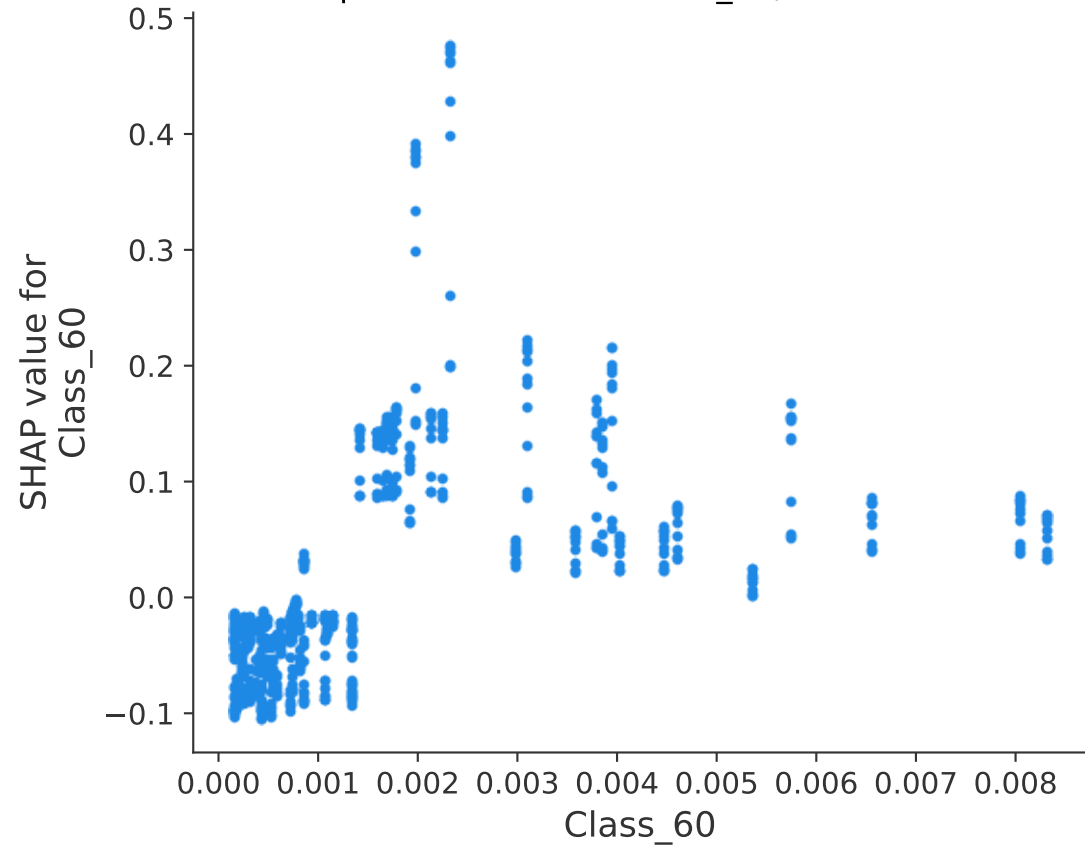
SHAP Dependence Plot for Class\_60, Class 0 - Sulawesi



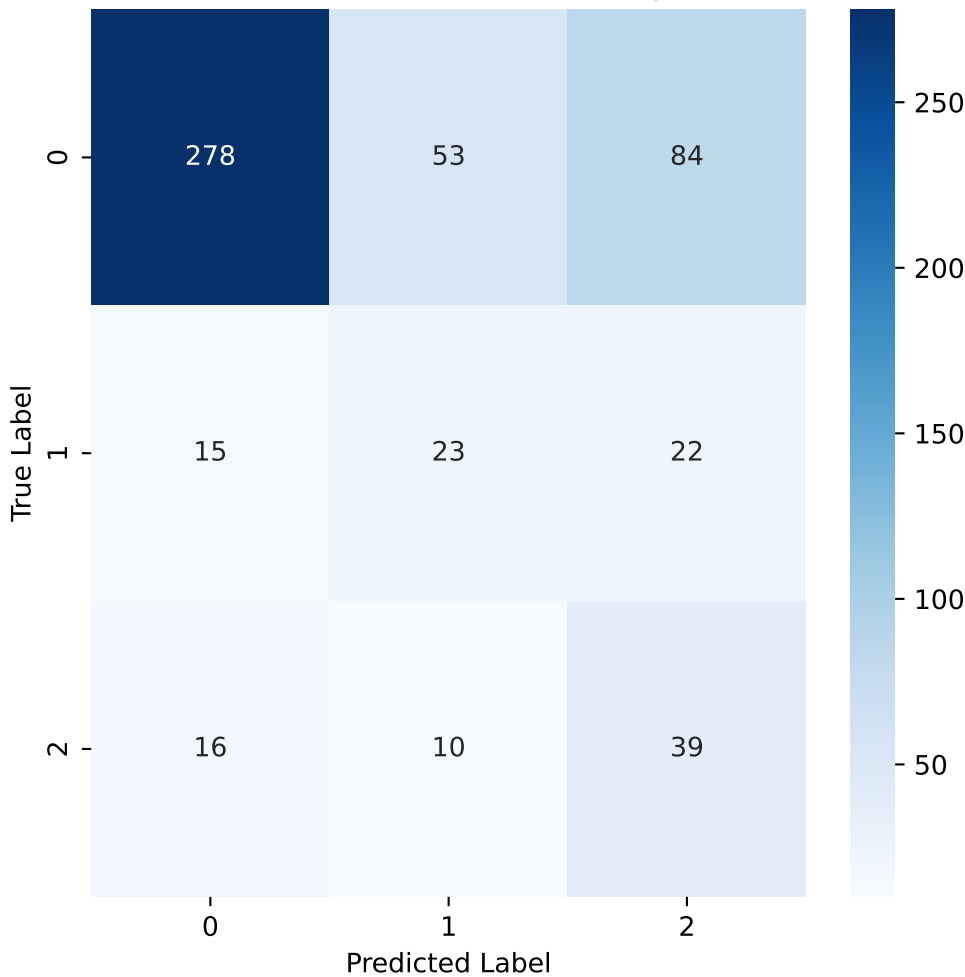
SHAP Dependence Plot for Class\_60, Class 1 - Sulawesi



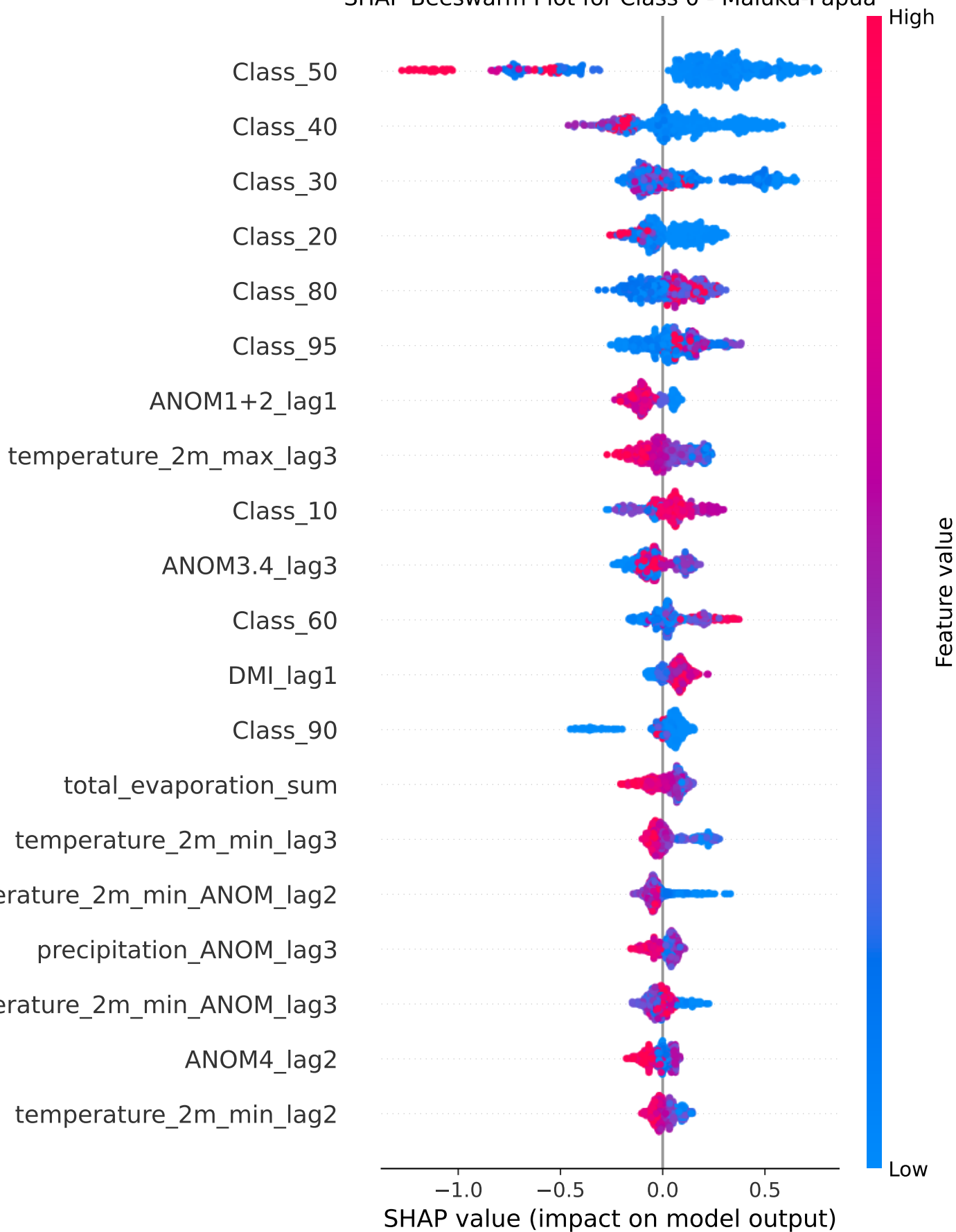
SHAP Dependence Plot for Class\_60, Class 2 - Sulawesi



Confusion Matrix - Maluku-Papua



SHAP Beeswarm Plot for Class 0 - Maluku-Papua



SHAP Beeswarm Plot for Class 1 - Maluku-Papua

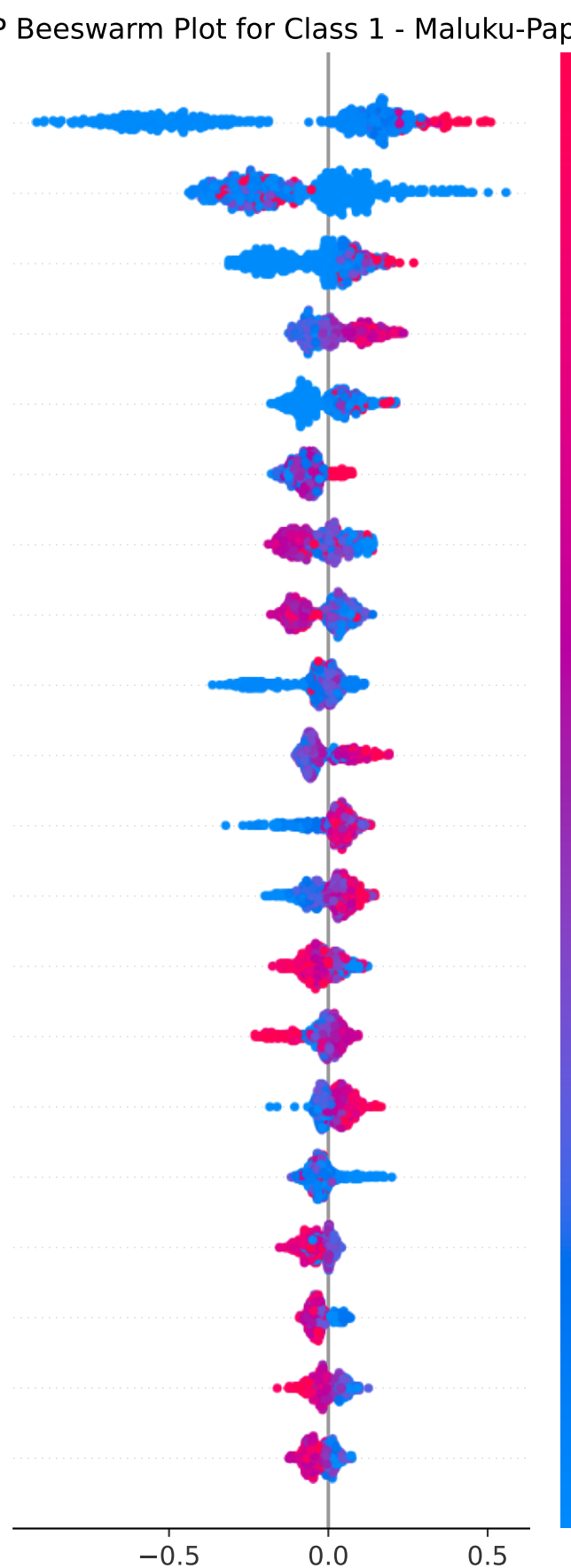
Class\_50  
Class\_90  
Class\_40  
potential\_evaporation\_sum\_ANOM\_lag1  
Class\_20  
DMI\_East  
precipitation\_lag1  
precipitation  
Class\_30  
potential\_evaporation\_sum\_ANOM\_lag3  
temperature\_2m\_min\_ANOM\_lag3  
temperature\_2m\_min\_ANOM\_lag2  
Class\_10  
temperature\_2m\_max\_lag1  
temperature\_2m\_min\_ANOM  
Class\_95  
DMI\_lag3  
DMI\_lag2  
total\_evaporation\_sum\_lag3  
temperature\_2m\_max\_ANOM\_lag1

SHAP value (impact on model output)

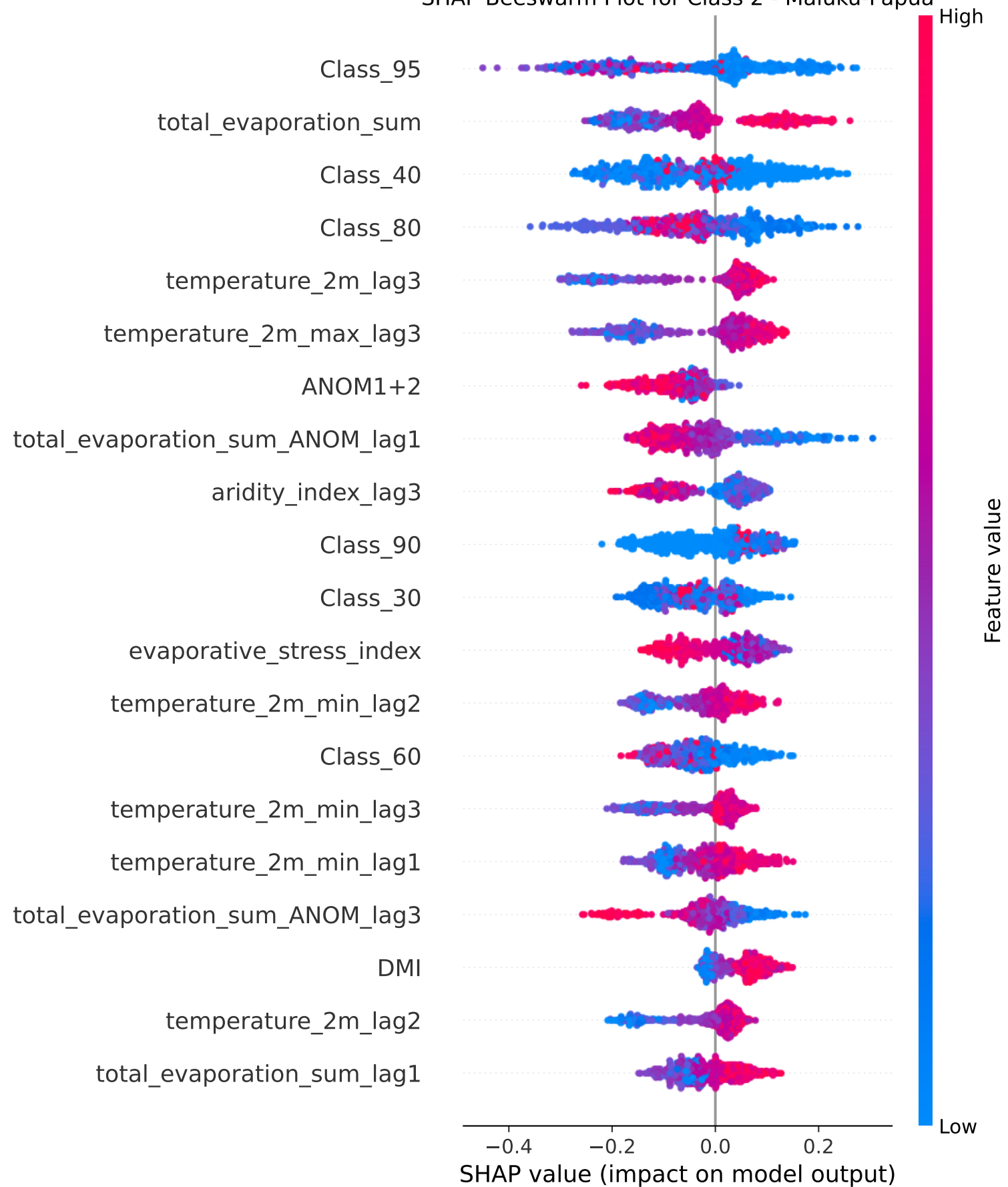
Feature value

Low

High

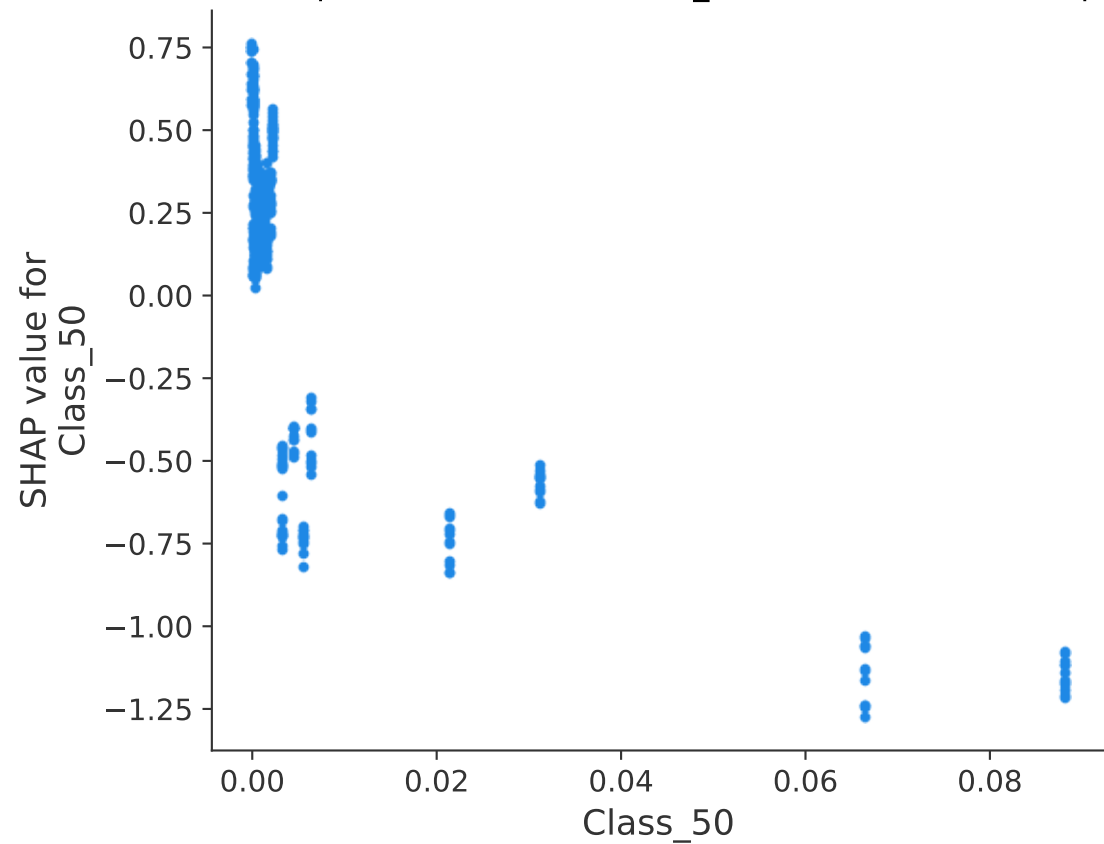


SHAP Beeswarm Plot for Class 2 - Maluku-Papua

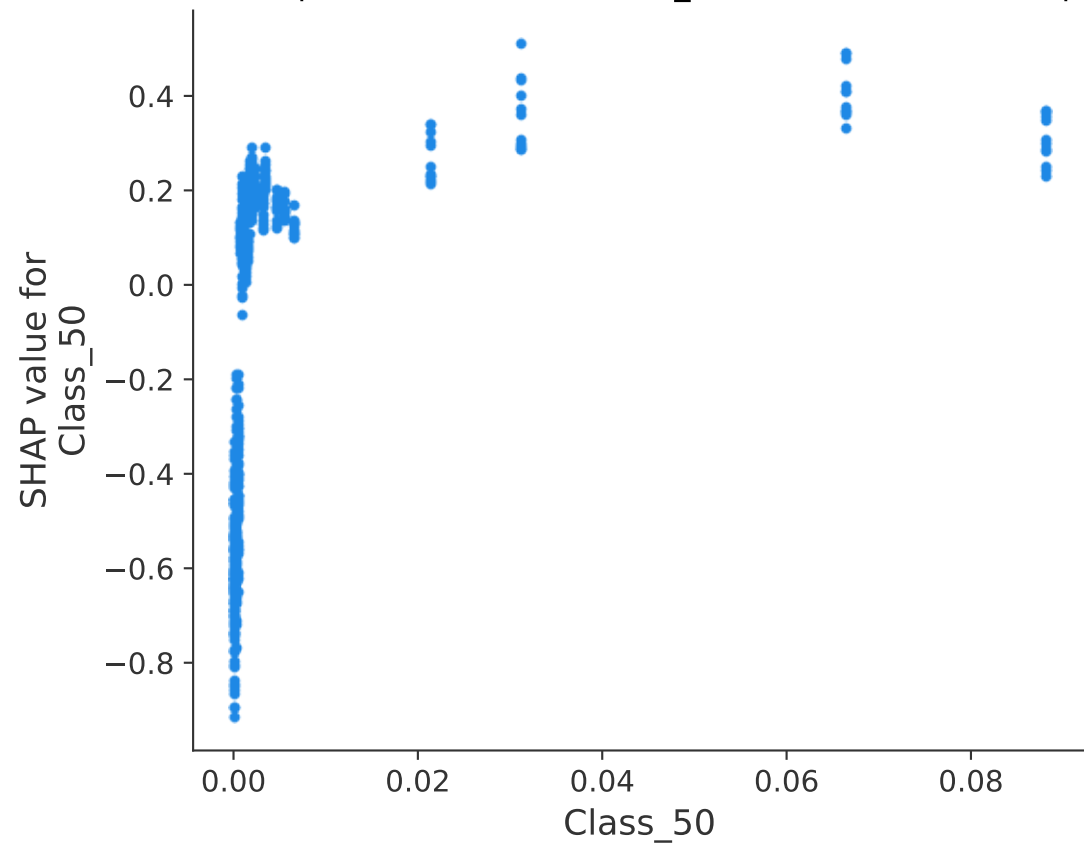




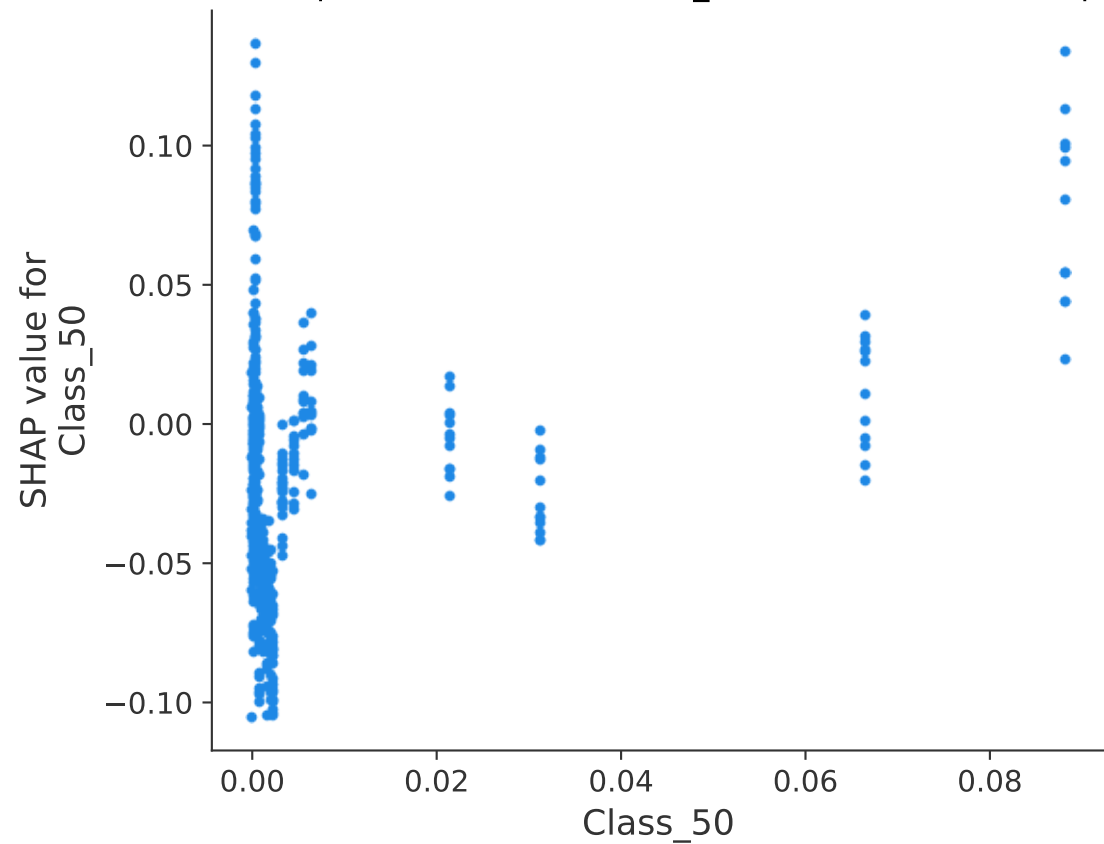
SHAP Dependence Plot for Class\_50, Class 0 - Maluku-Papua



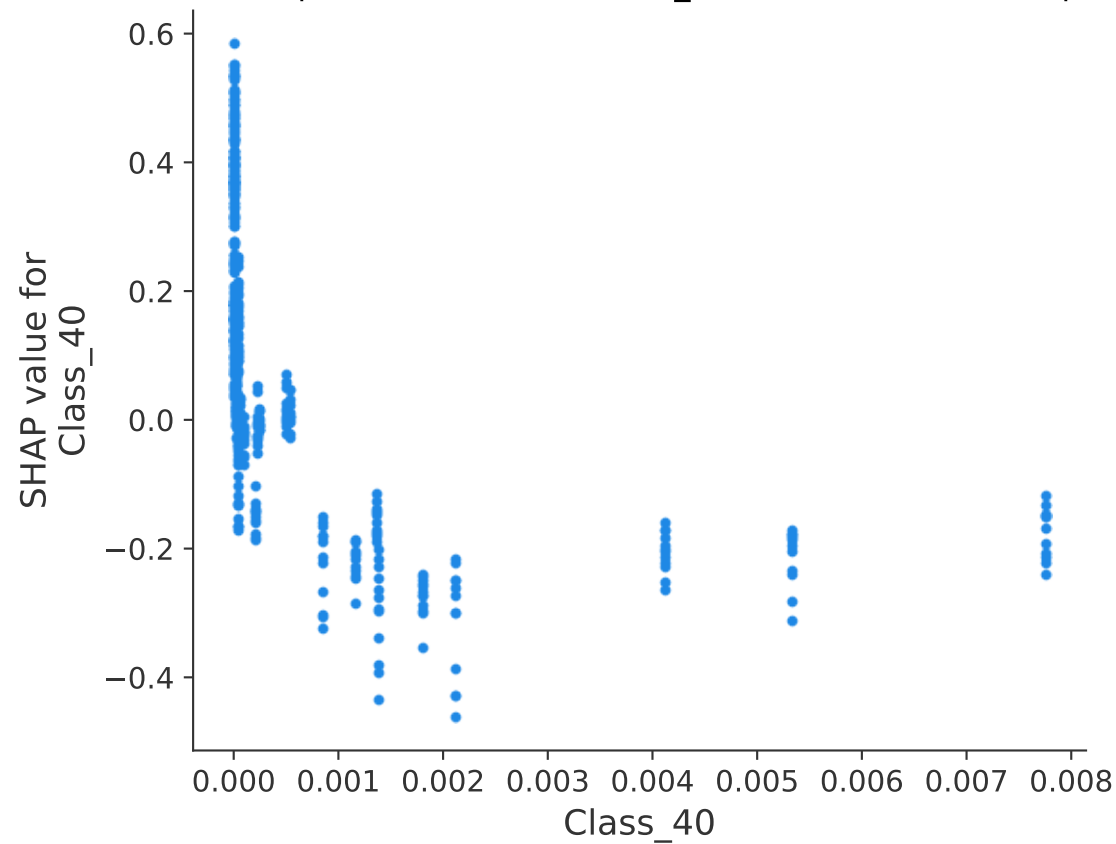
SHAP Dependence Plot for Class\_50, Class 1 - Maluku-Papua



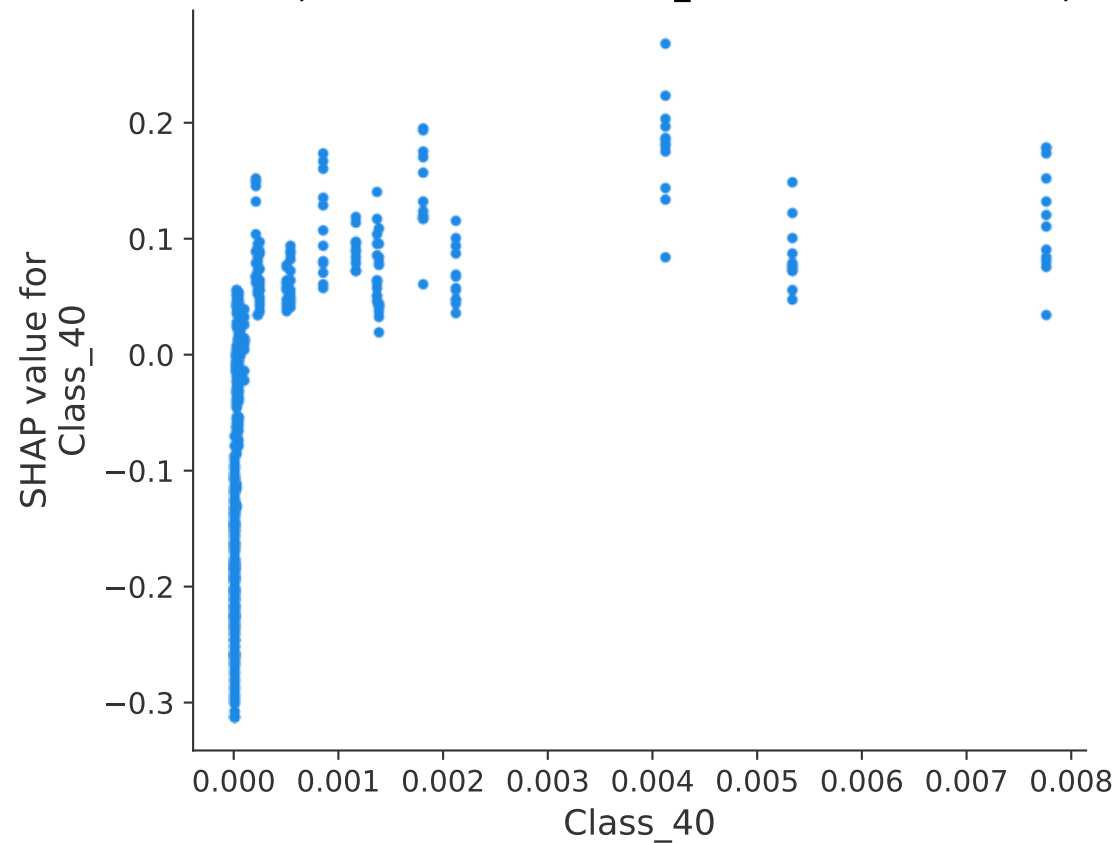
SHAP Dependence Plot for Class\_50, Class 2 - Maluku-Papua



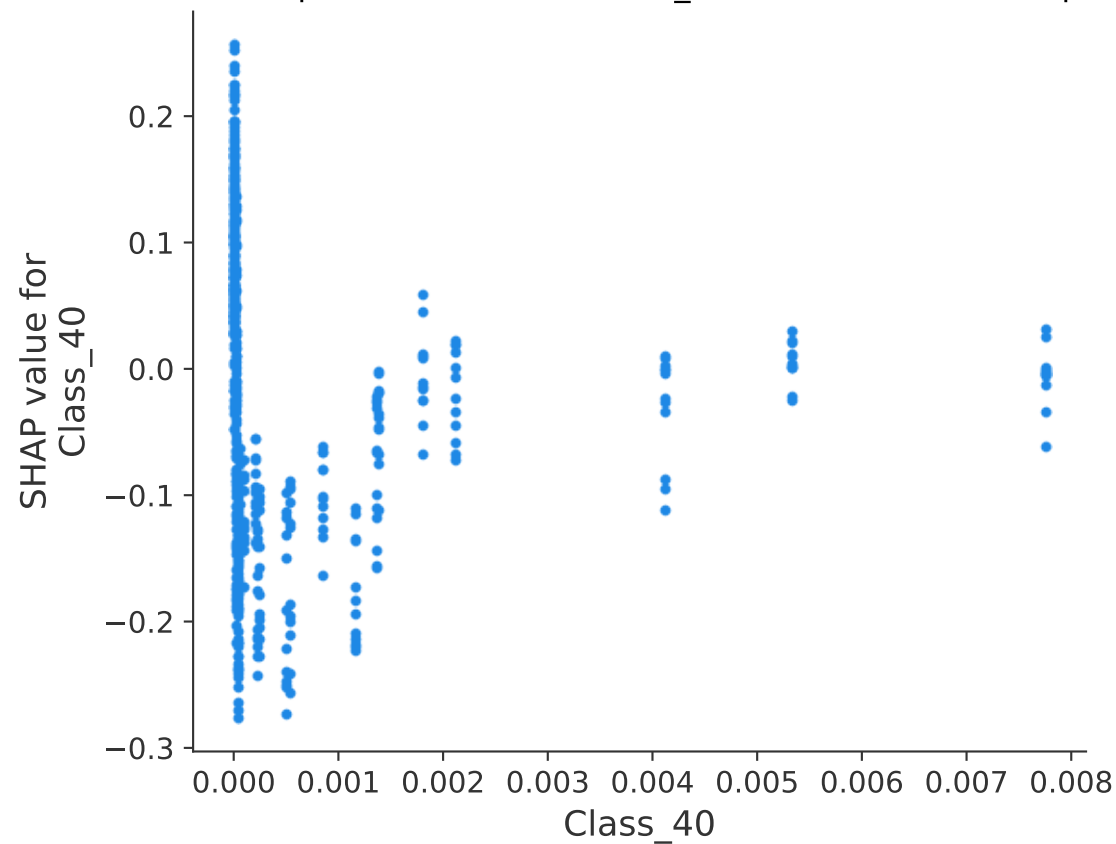
SHAP Dependence Plot for Class\_40, Class 0 - Maluku-Papua



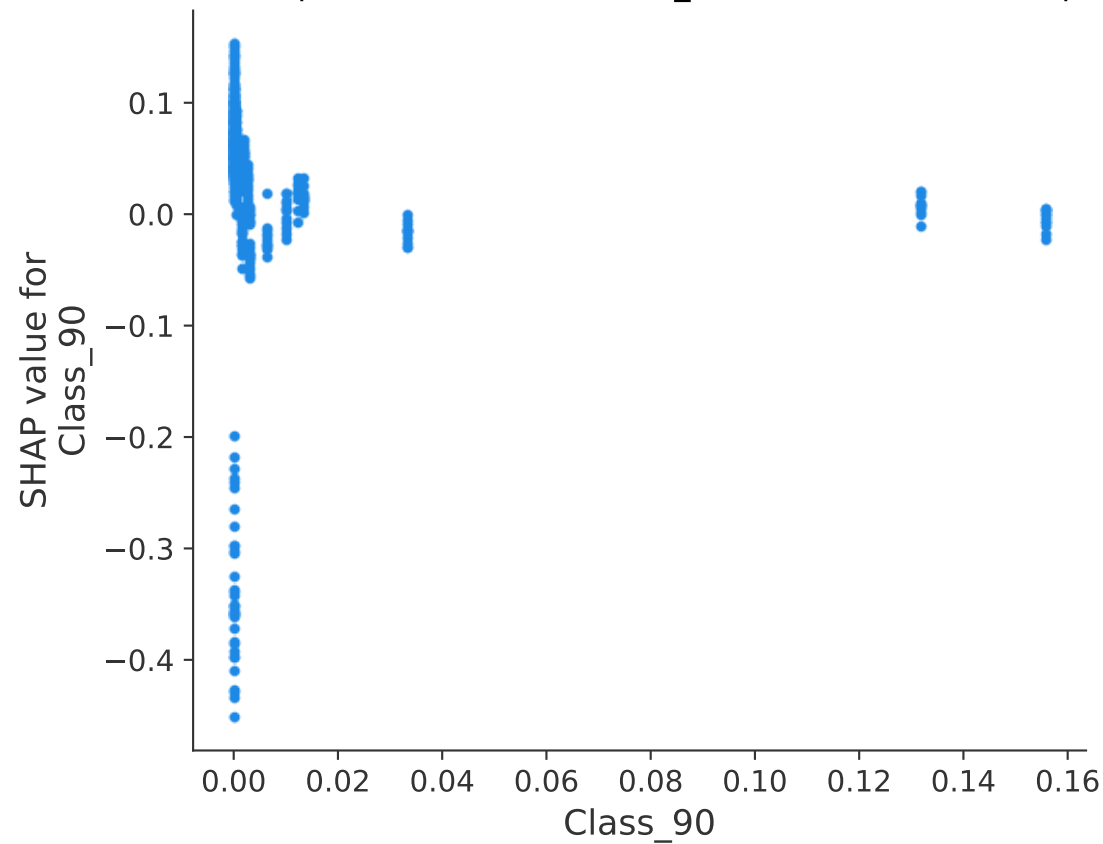
SHAP Dependence Plot for Class\_40, Class 1 - Maluku-Papua



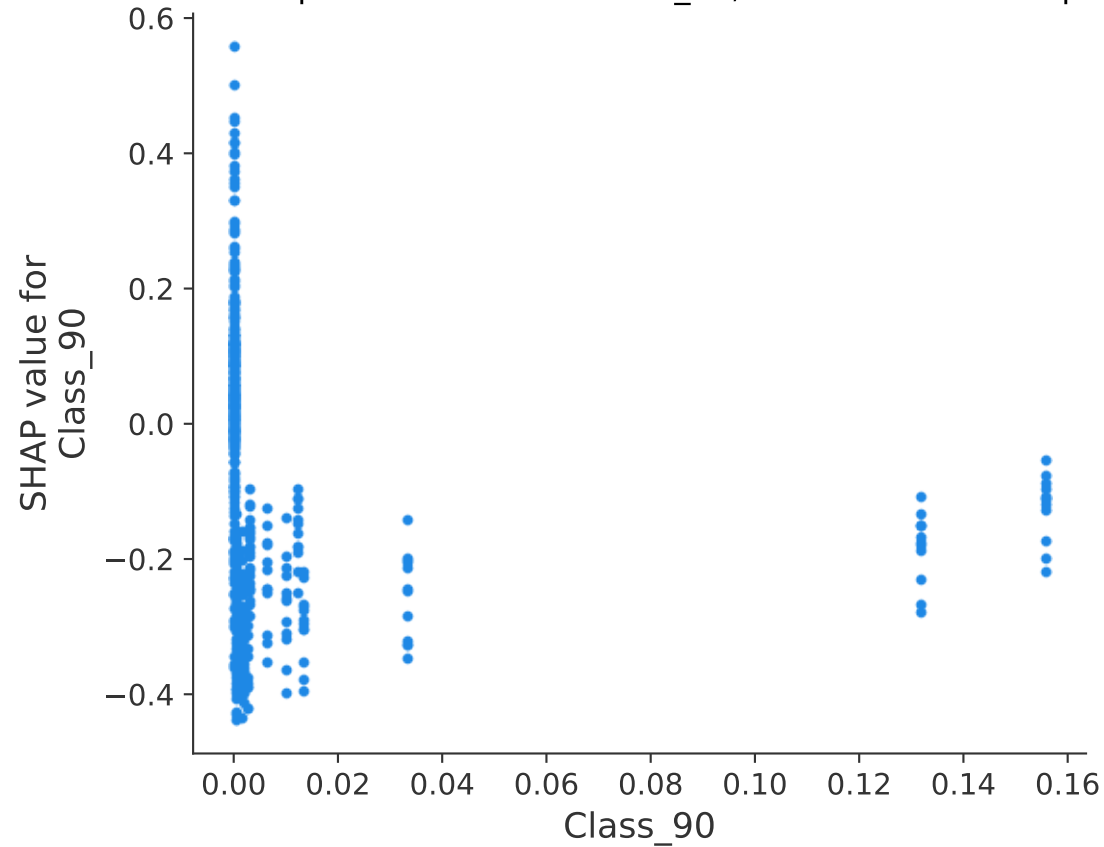
SHAP Dependence Plot for Class\_40, Class 2 - Maluku-Papua



SHAP Dependence Plot for Class\_90, Class 0 - Maluku-Papua

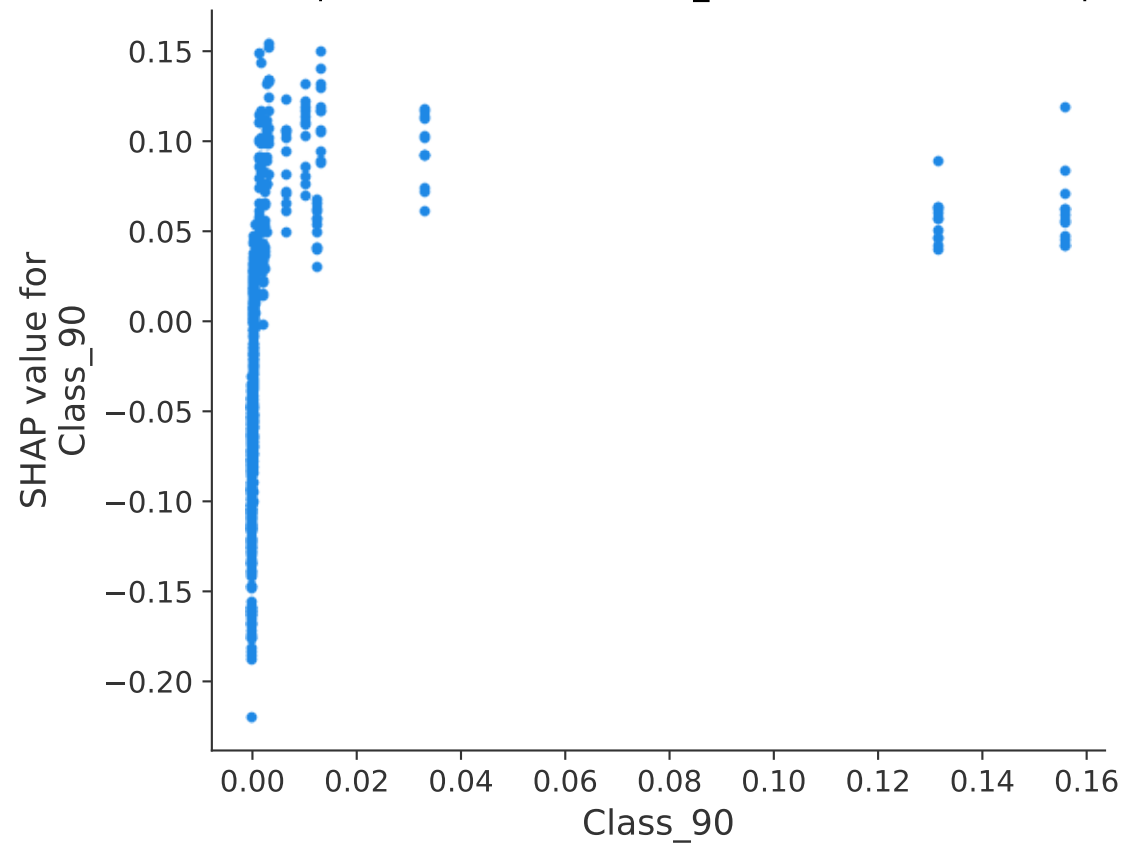


SHAP Dependence Plot for Class\_90, Class 1 - Maluku-Papua

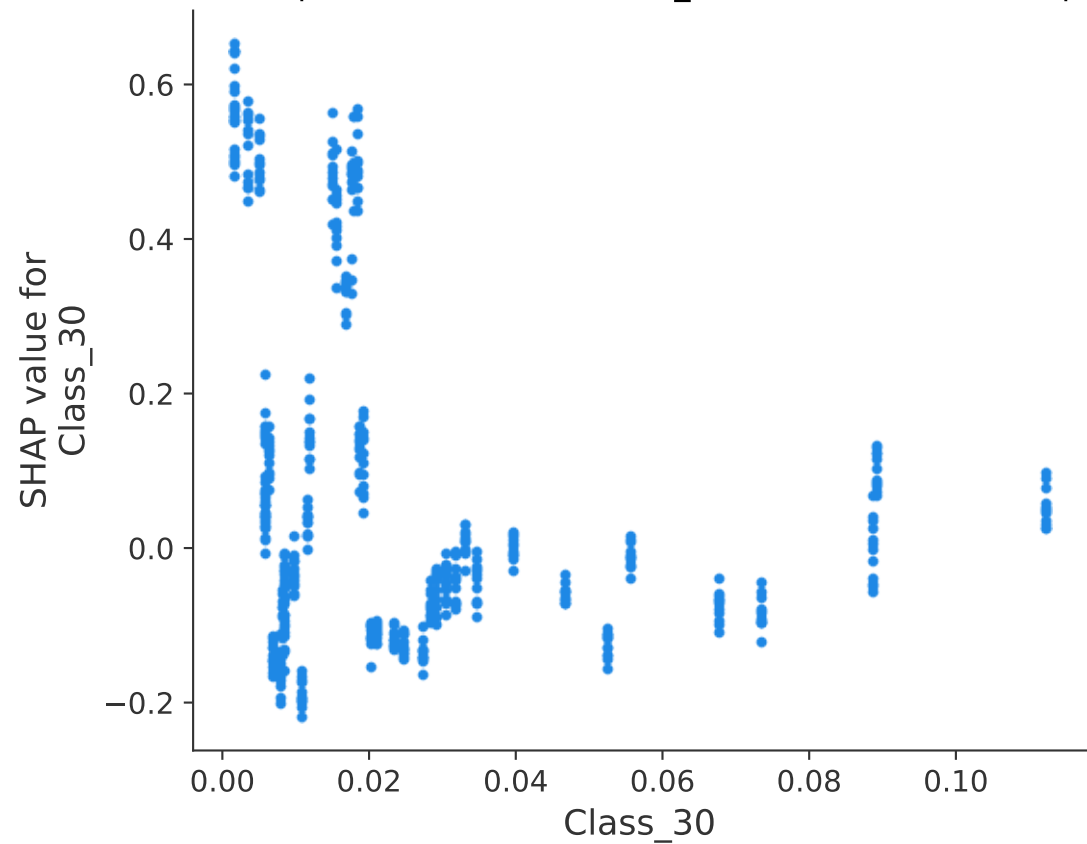




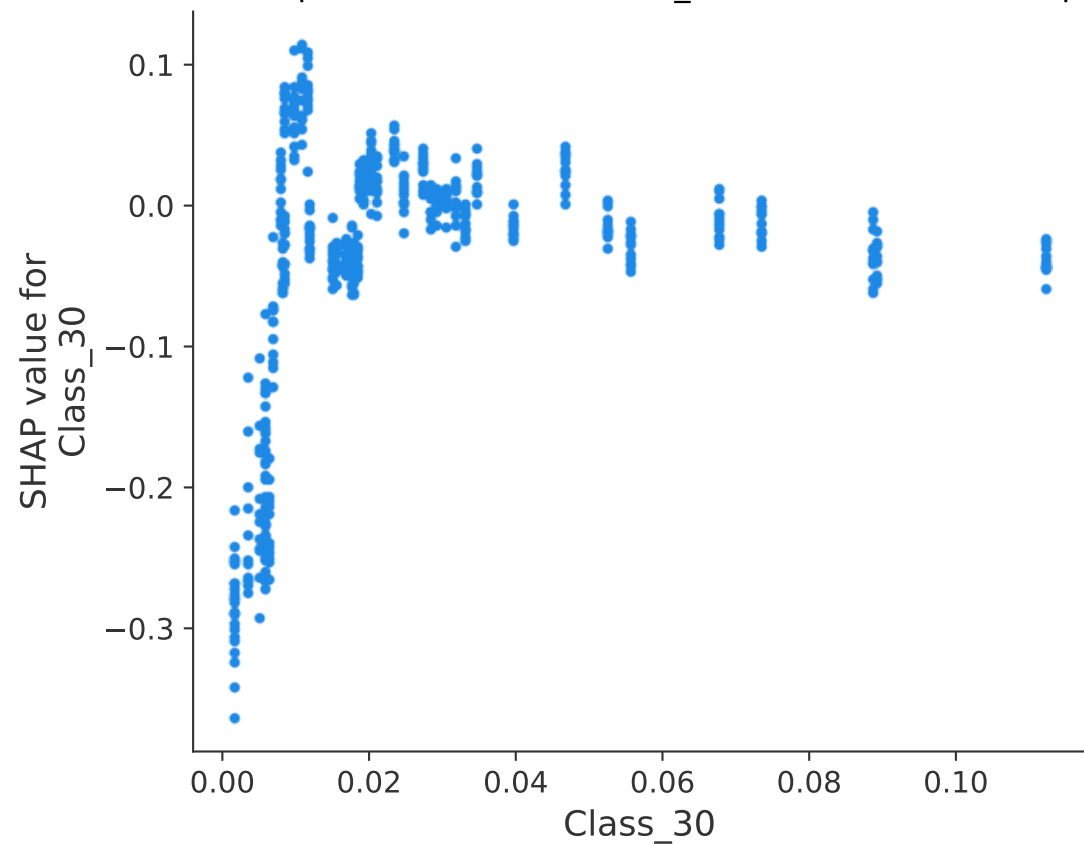
SHAP Dependence Plot for Class\_90, Class 2 - Maluku-Papua



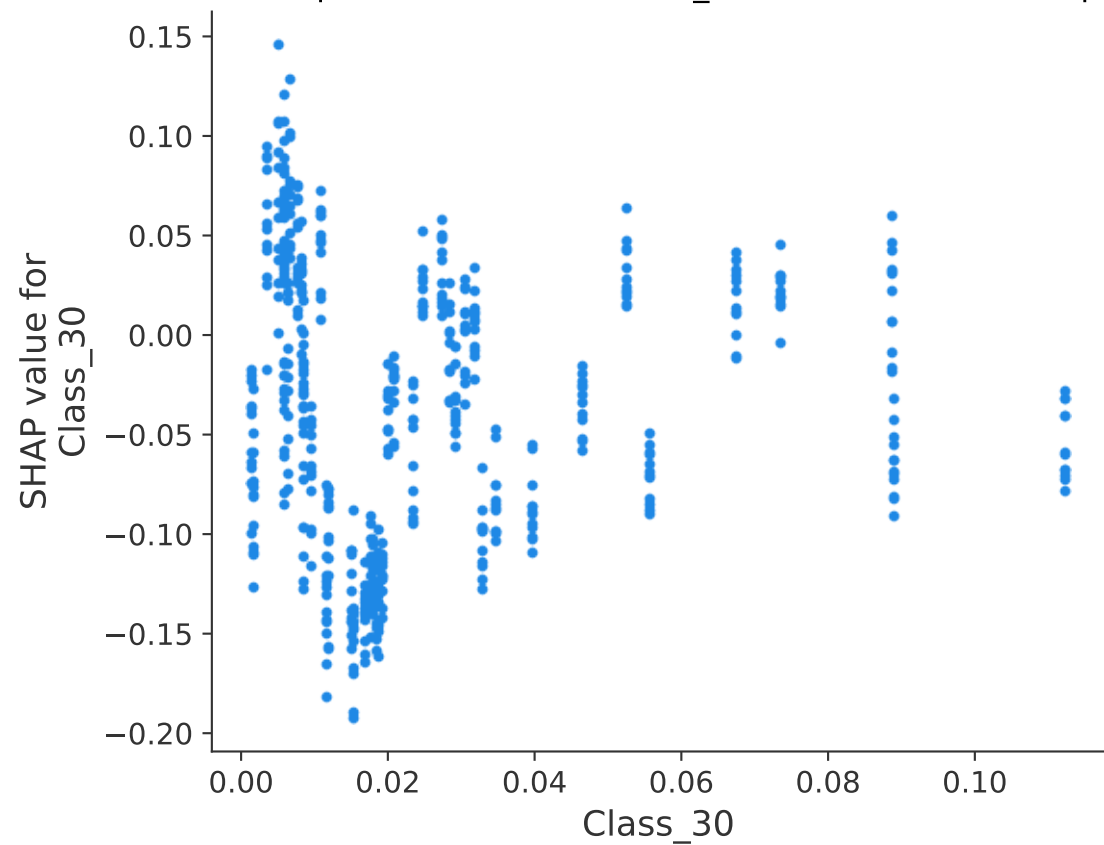
SHAP Dependence Plot for Class\_30, Class 0 - Maluku-Papua



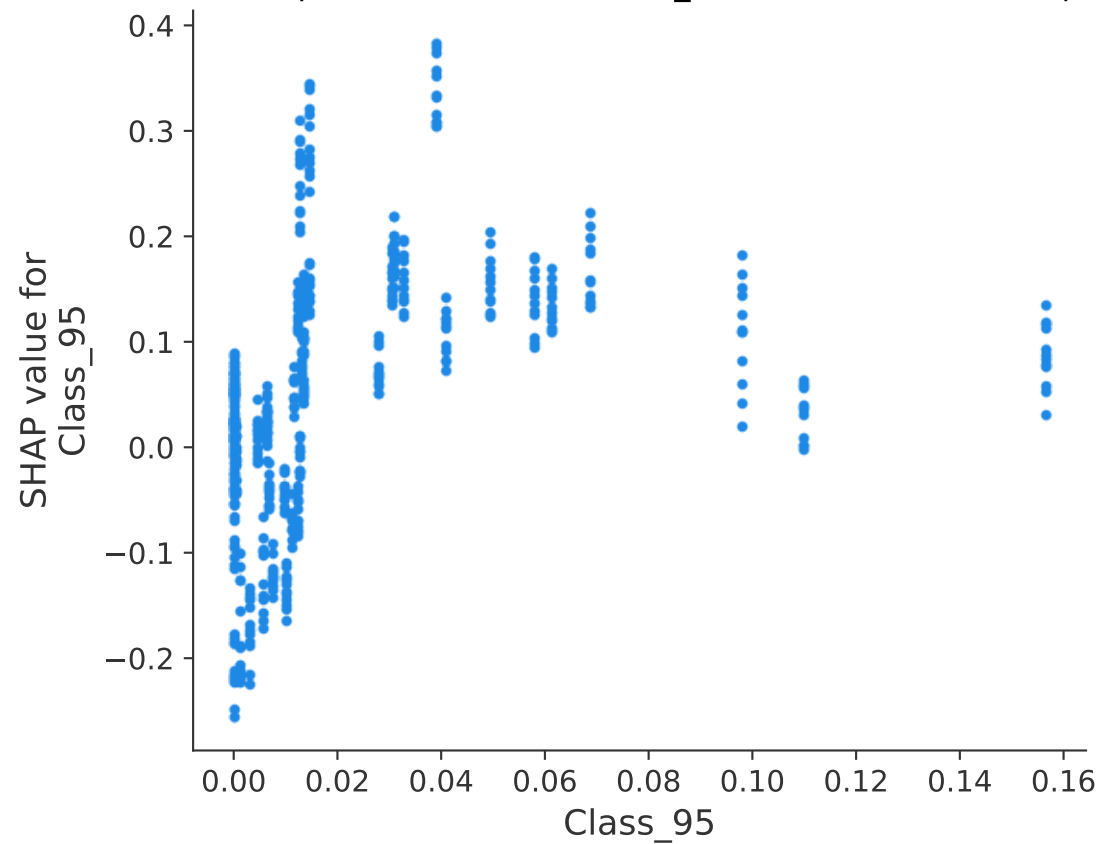
SHAP Dependence Plot for Class\_30, Class 1 - Maluku-Papua



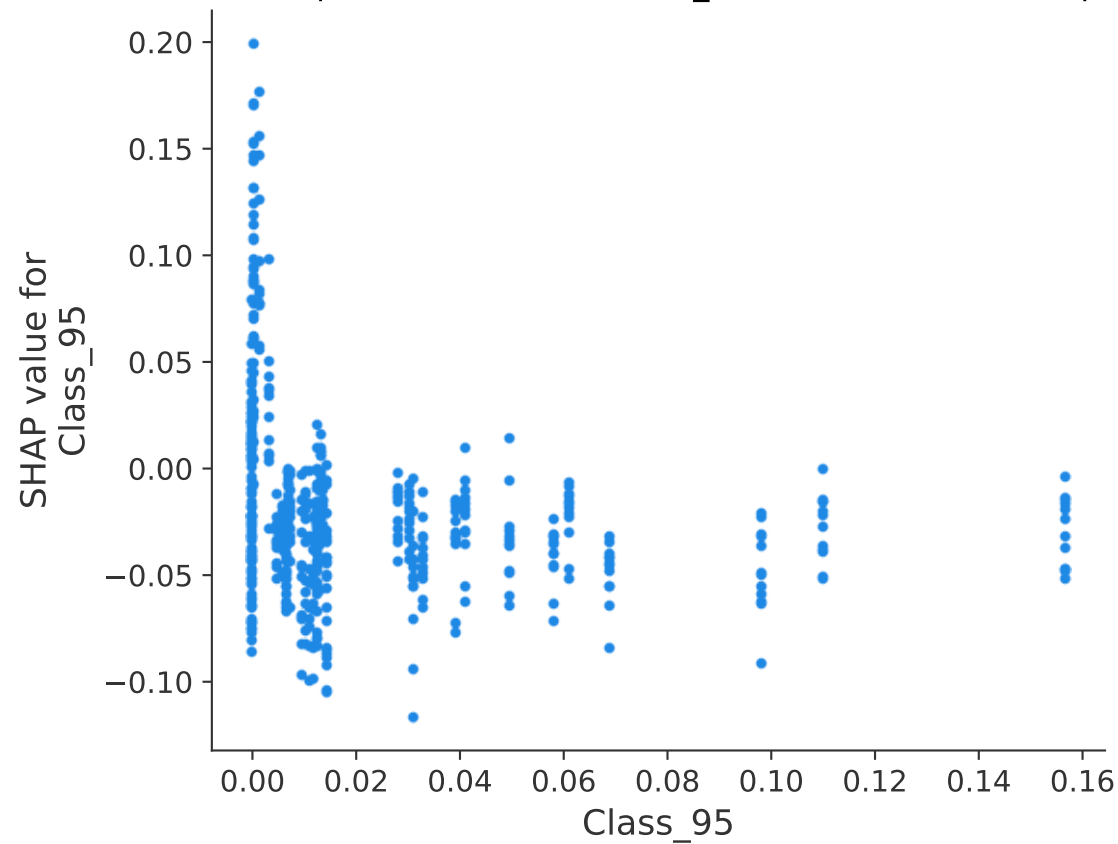
SHAP Dependence Plot for Class\_30, Class 2 - Maluku-Papua



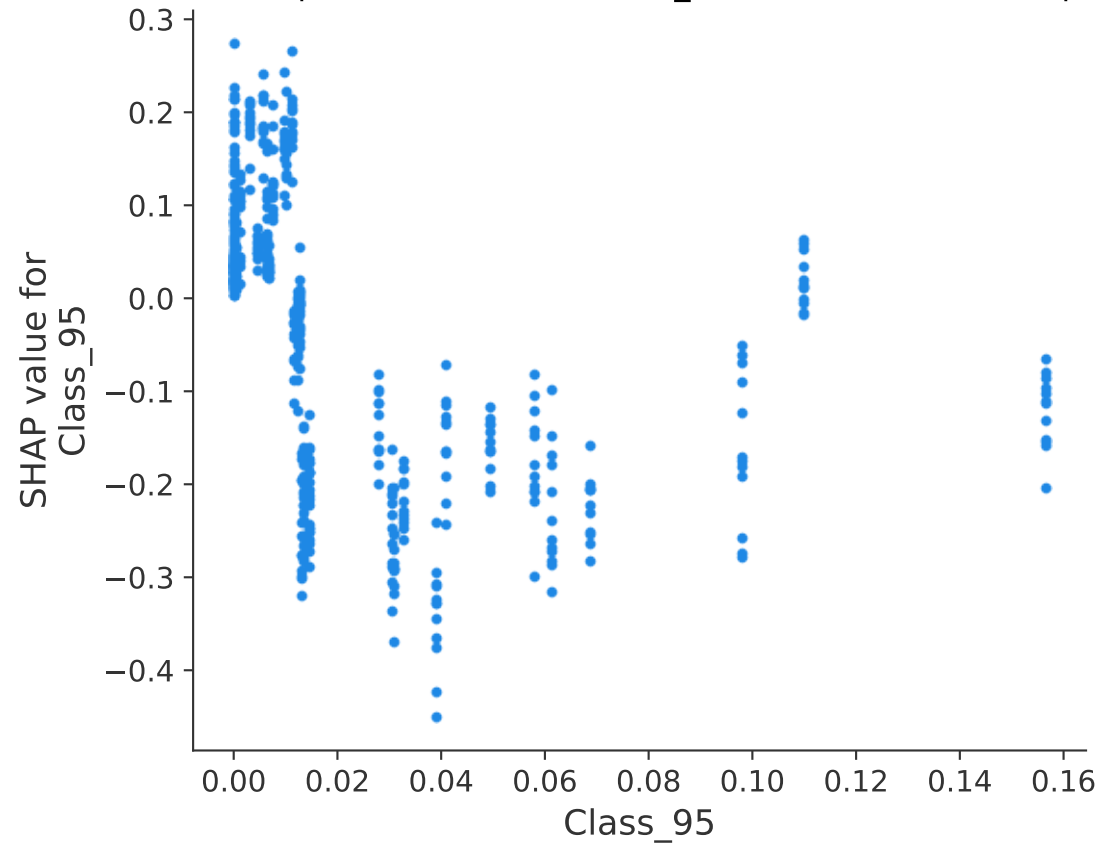
SHAP Dependence Plot for Class\_95, Class 0 - Maluku-Papua



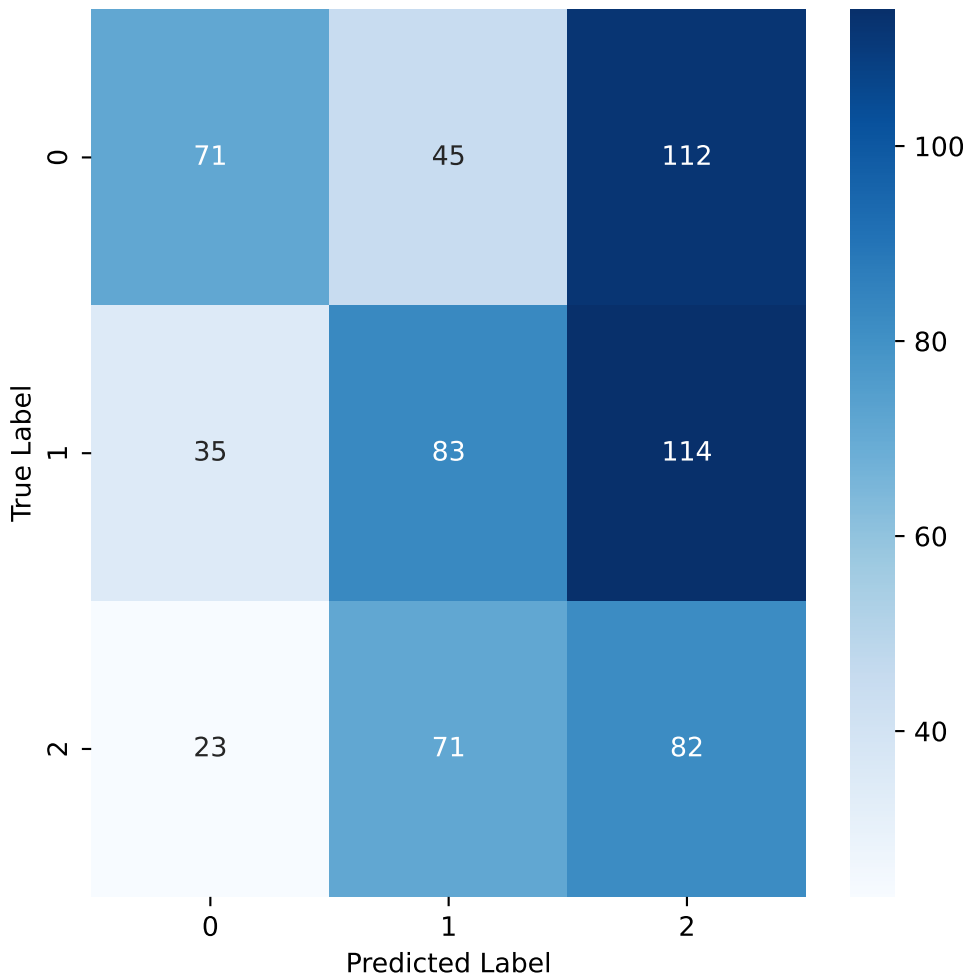
SHAP Dependence Plot for Class\_95, Class 1 - Maluku-Papua



SHAP Dependence Plot for Class\_95, Class 2 - Maluku-Papua

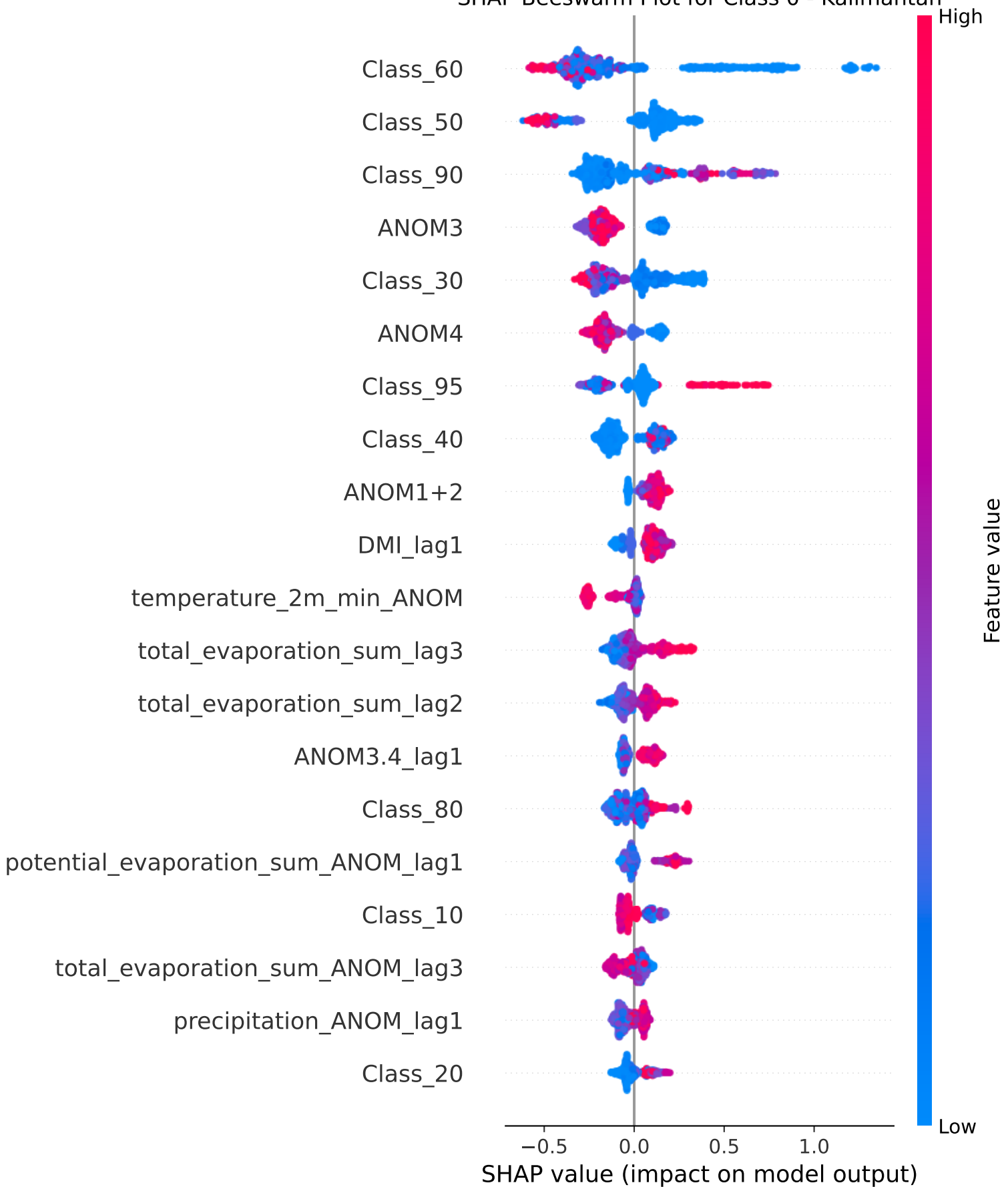


Confusion Matrix - Kalimantan

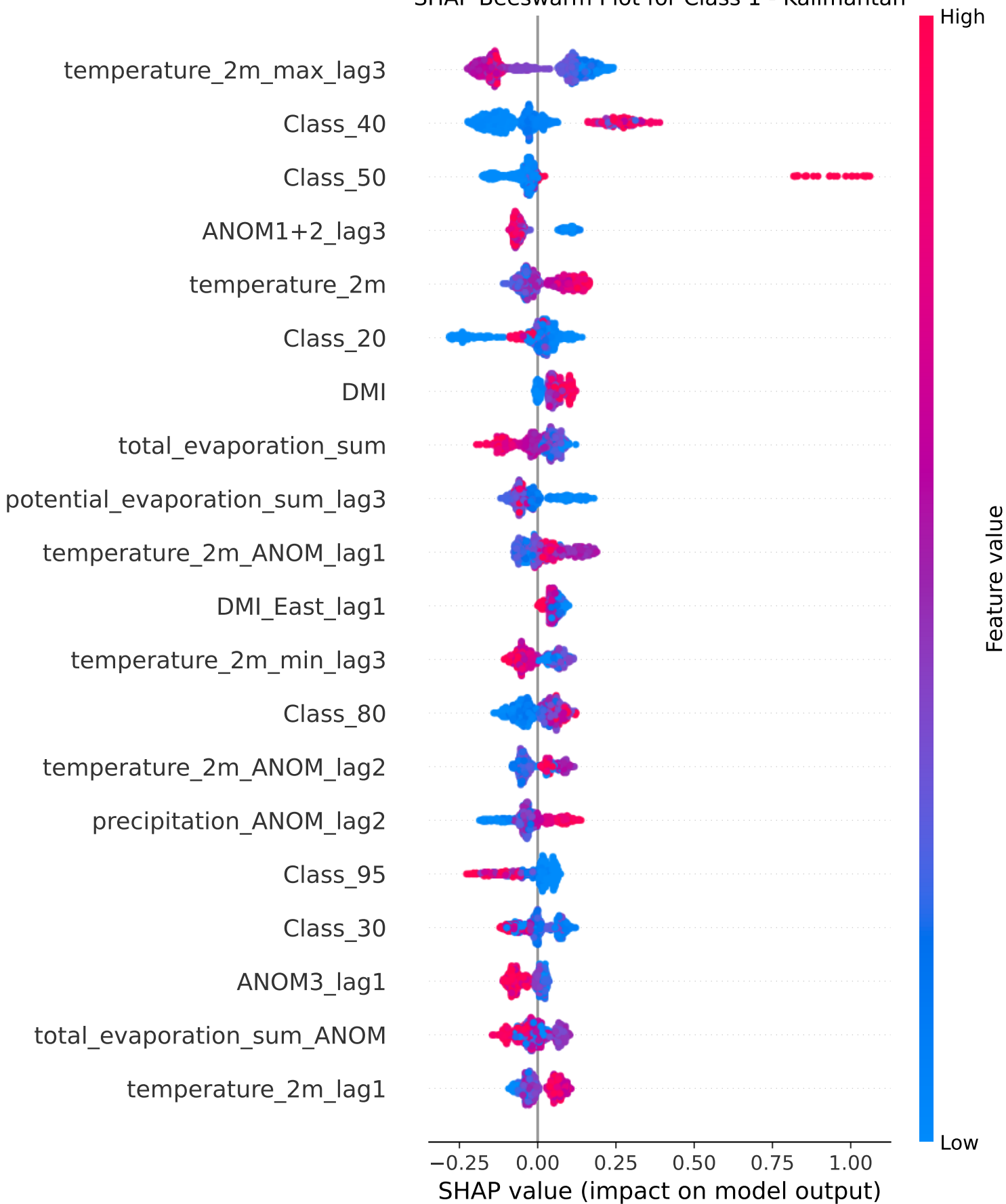




SHAP Beeswarm Plot for Class 0 - Kalimantan



SHAP Beeswarm Plot for Class 1 - Kalimantan



SHAP Beeswarm Plot for Class 2 - Kalimantan

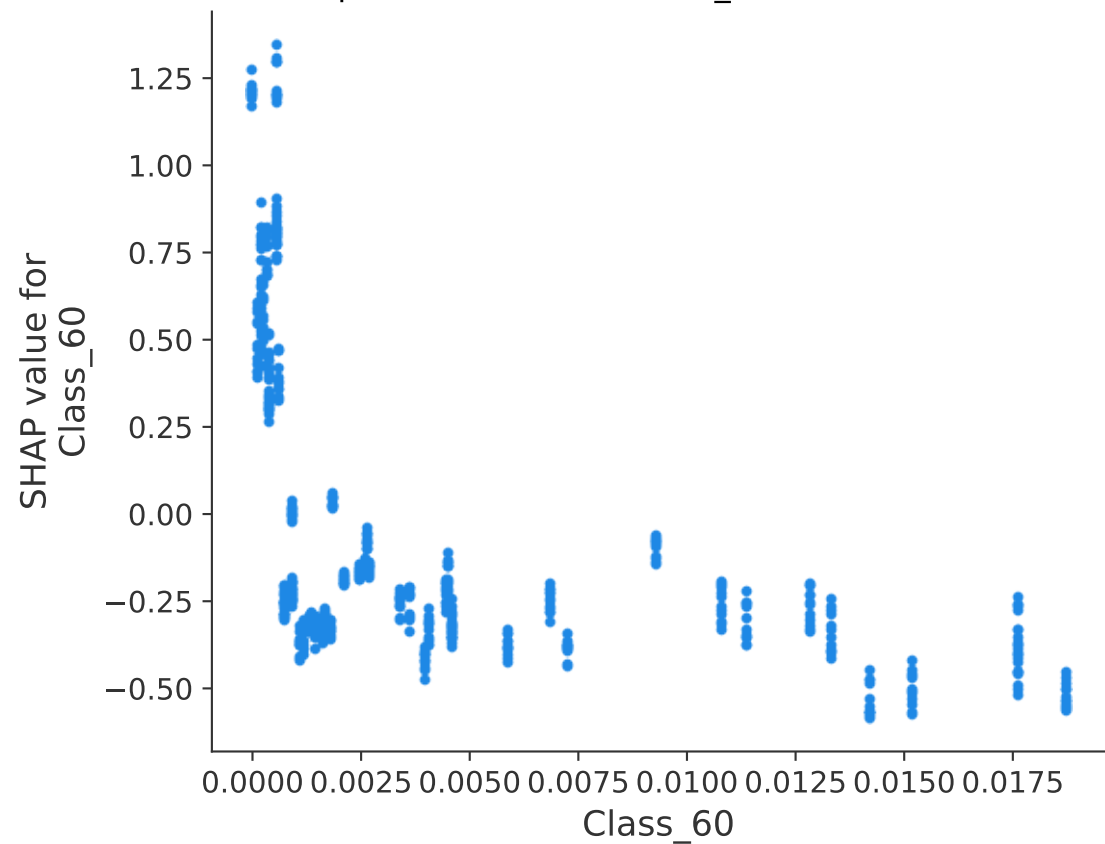
High

Feature value

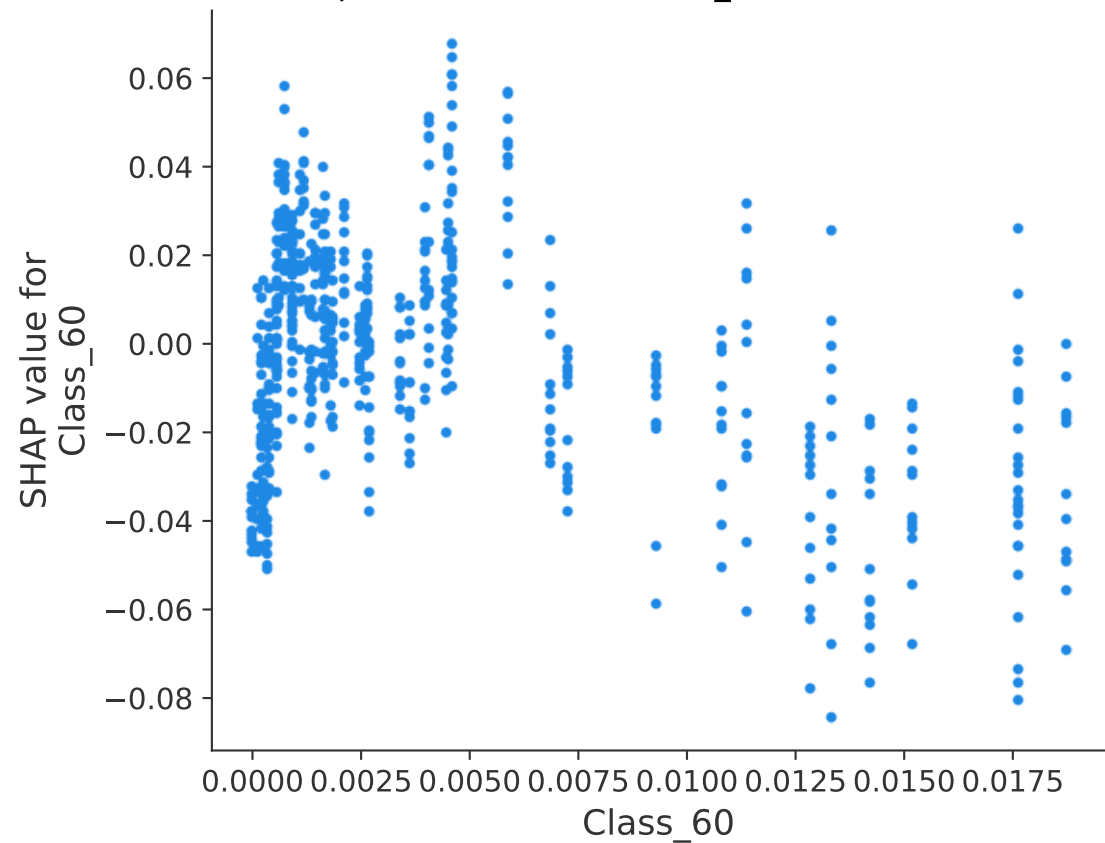
Low



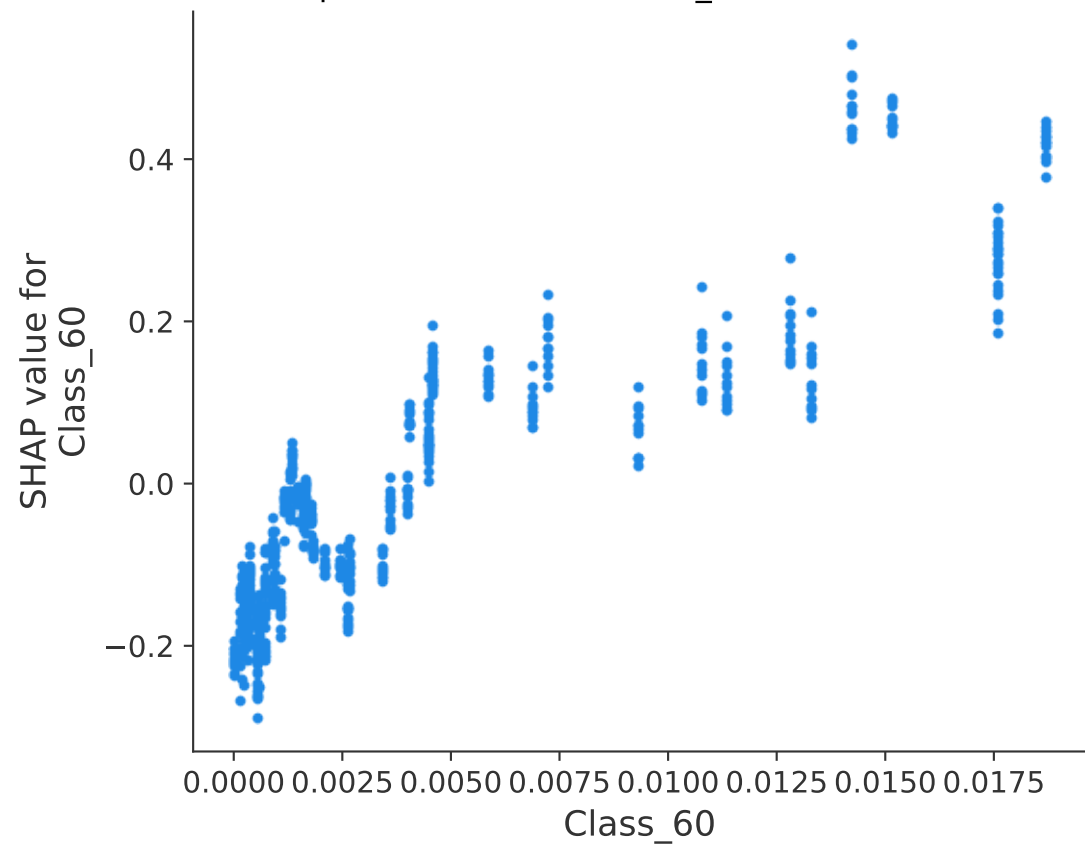
SHAP Dependence Plot for Class\_60, Class 0 - Kalimantan



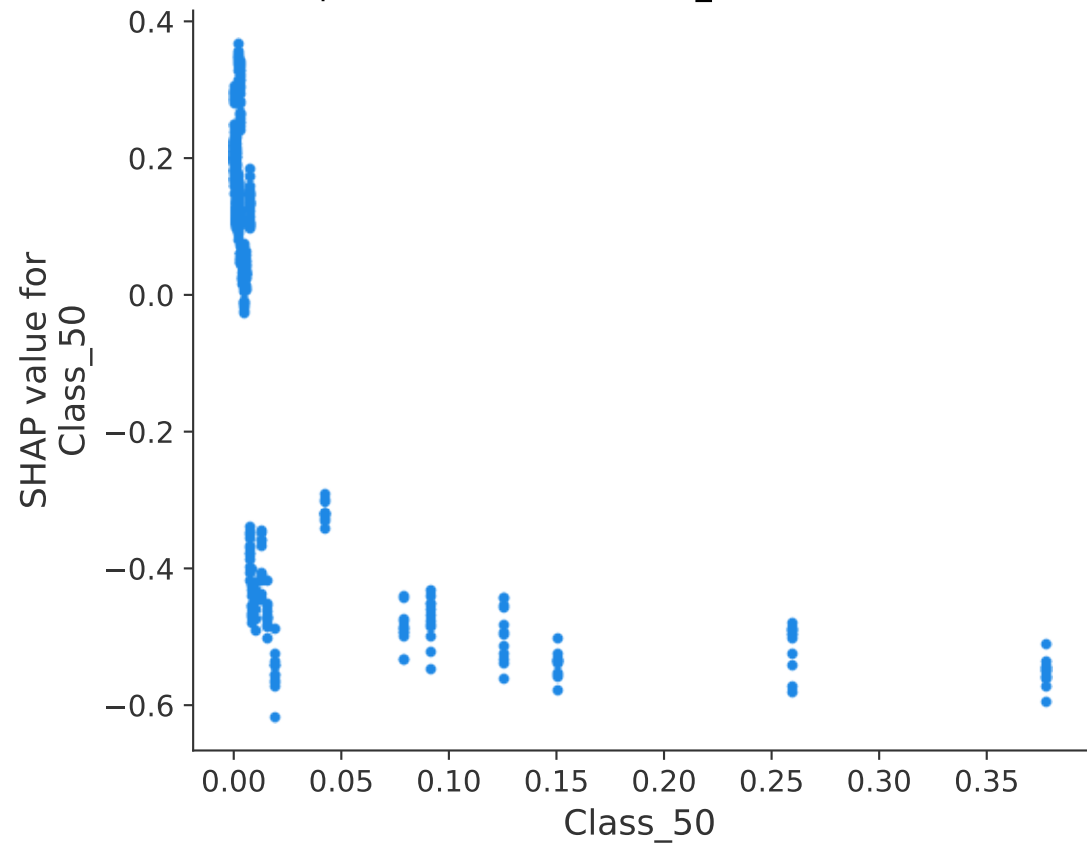
SHAP Dependence Plot for Class\_60, Class 1 - Kalimantan



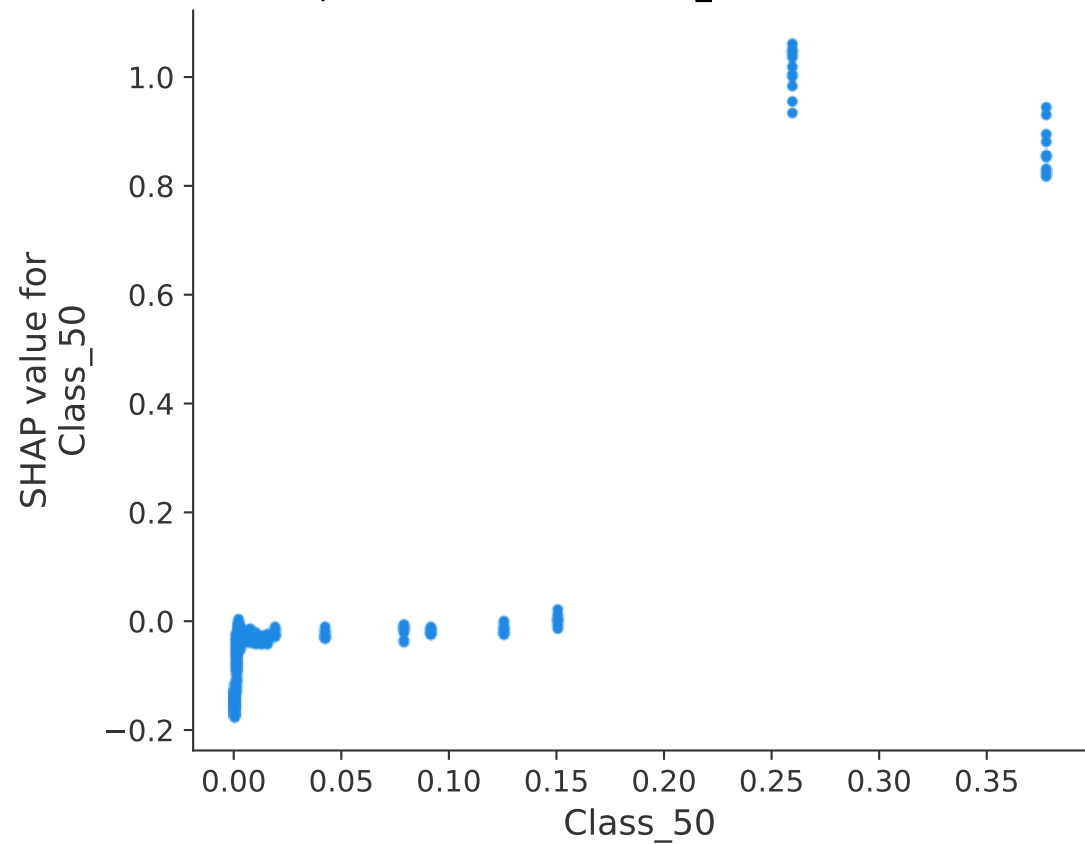
SHAP Dependence Plot for Class\_60, Class 2 - Kalimantan



SHAP Dependence Plot for Class\_50, Class 0 - Kalimantan

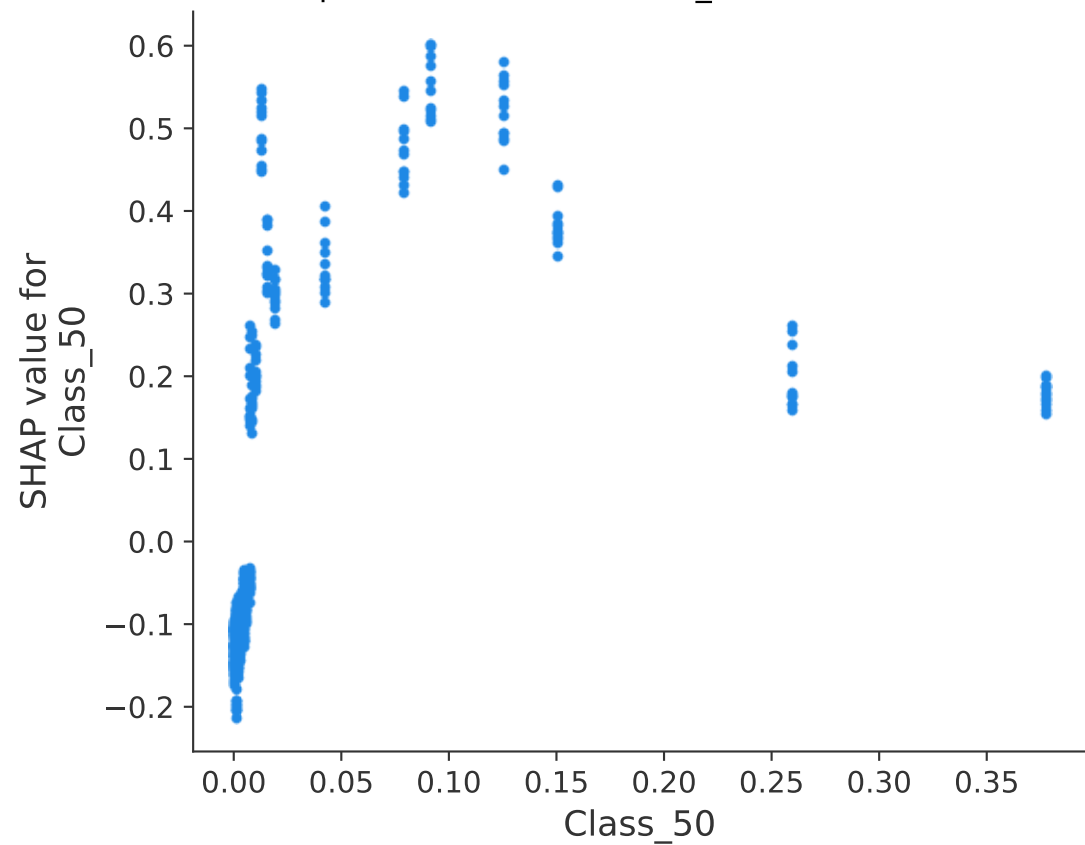


SHAP Dependence Plot for Class\_50, Class 1 - Kalimantan

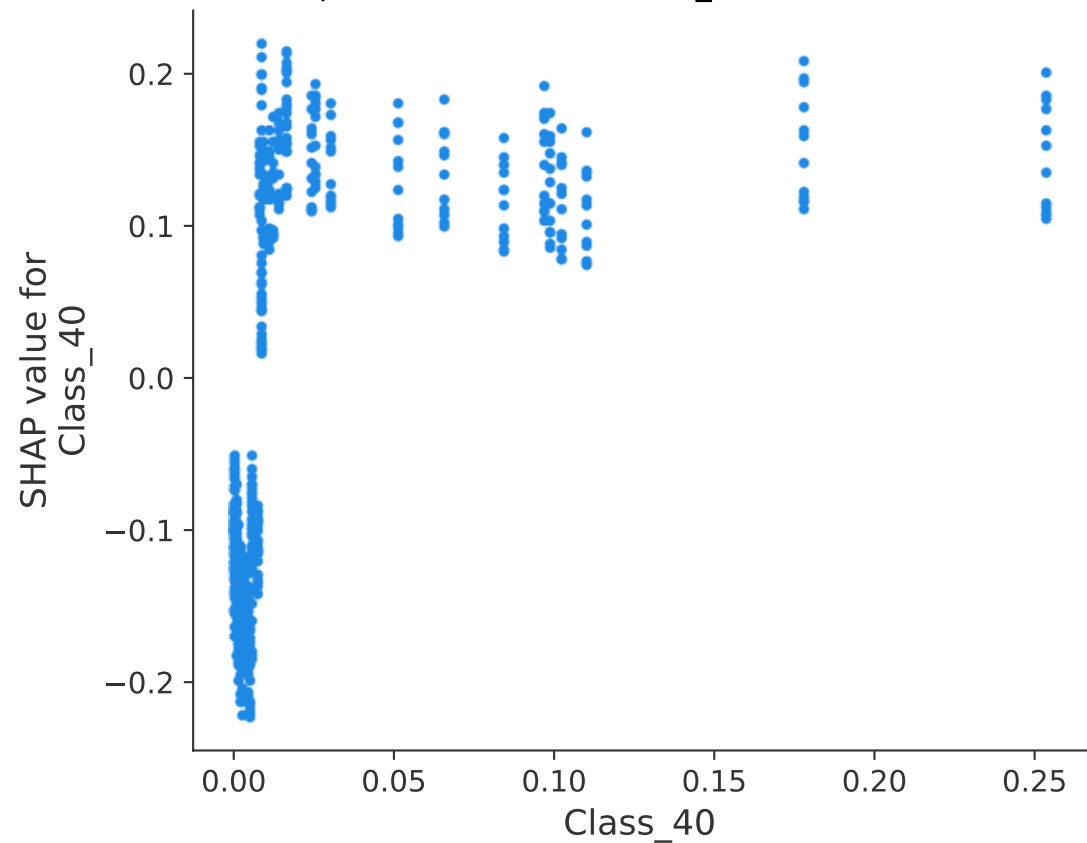




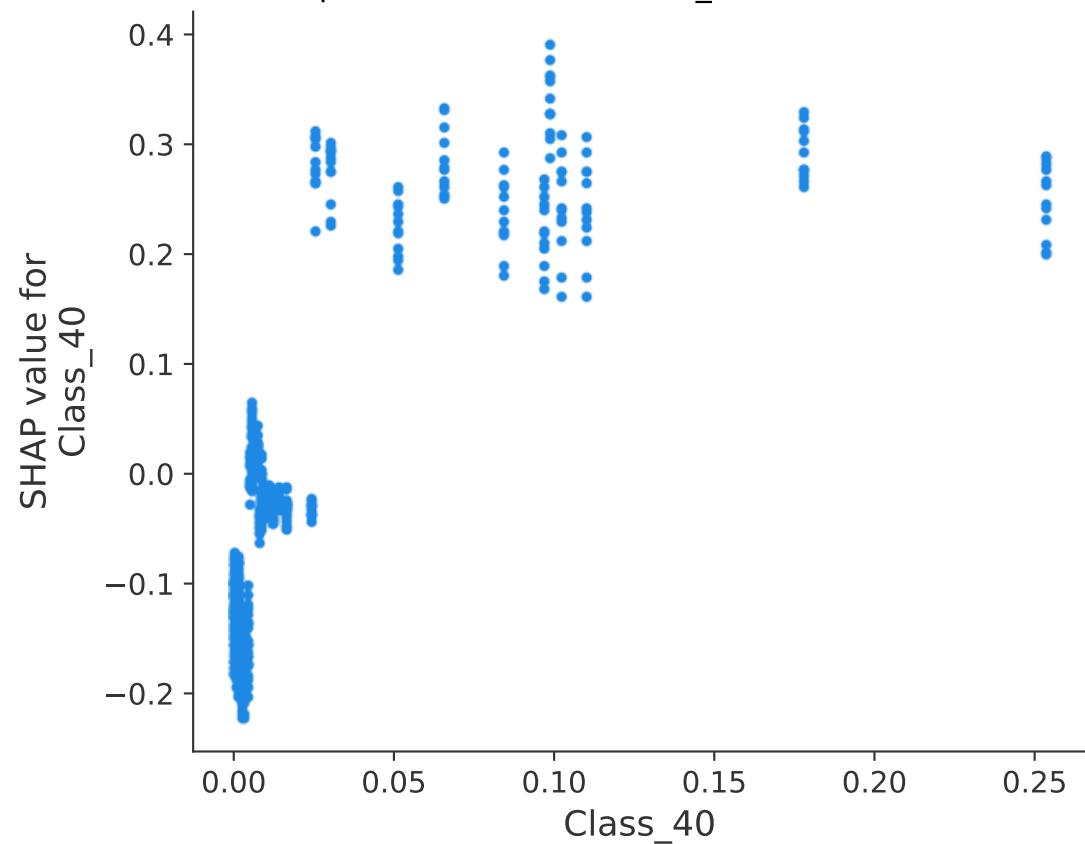
SHAP Dependence Plot for Class\_50, Class 2 - Kalimantan



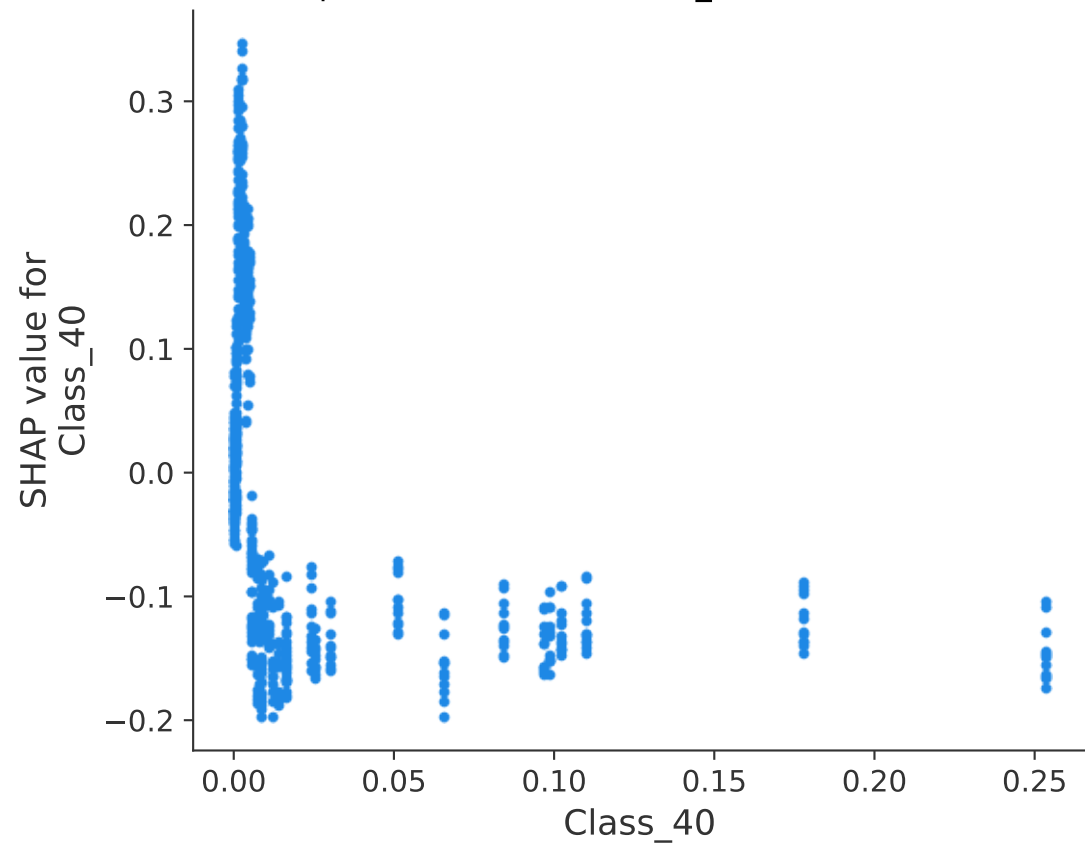
SHAP Dependence Plot for Class\_40, Class 0 - Kalimantan



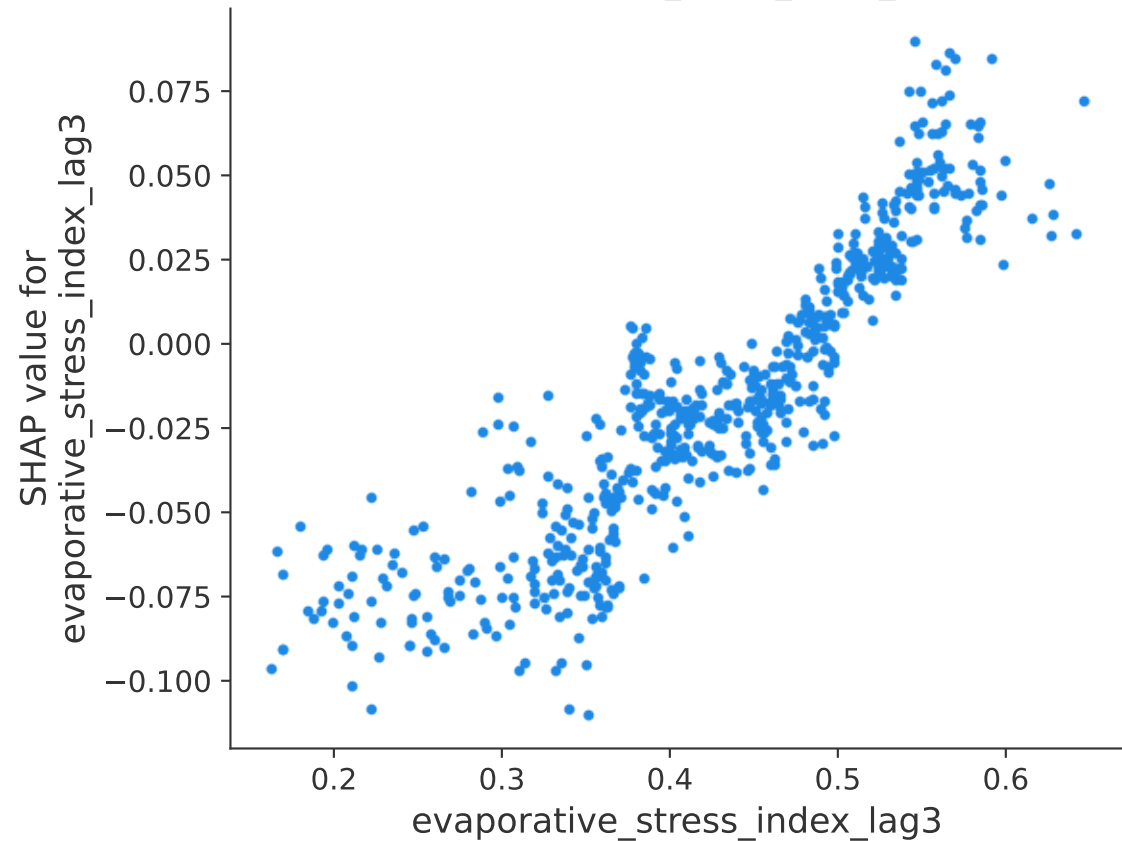
SHAP Dependence Plot for Class\_40, Class 1 - Kalimantan



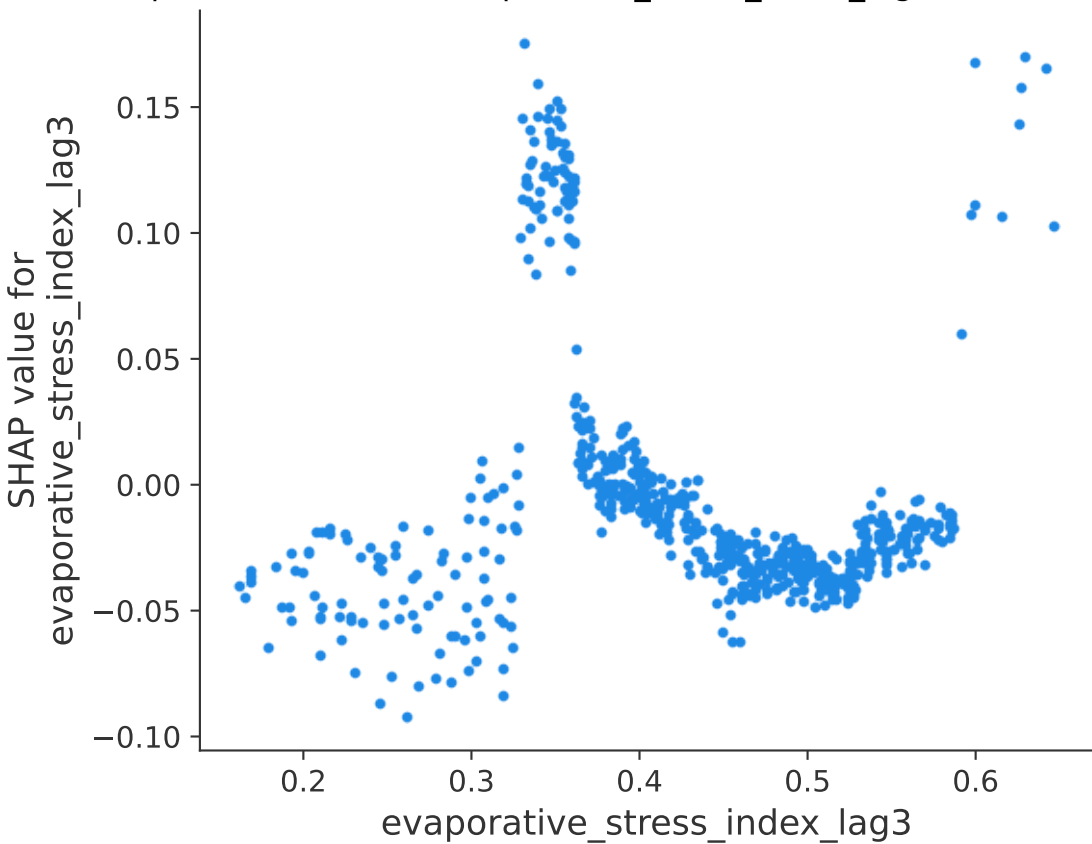
SHAP Dependence Plot for Class\_40, Class 2 - Kalimantan



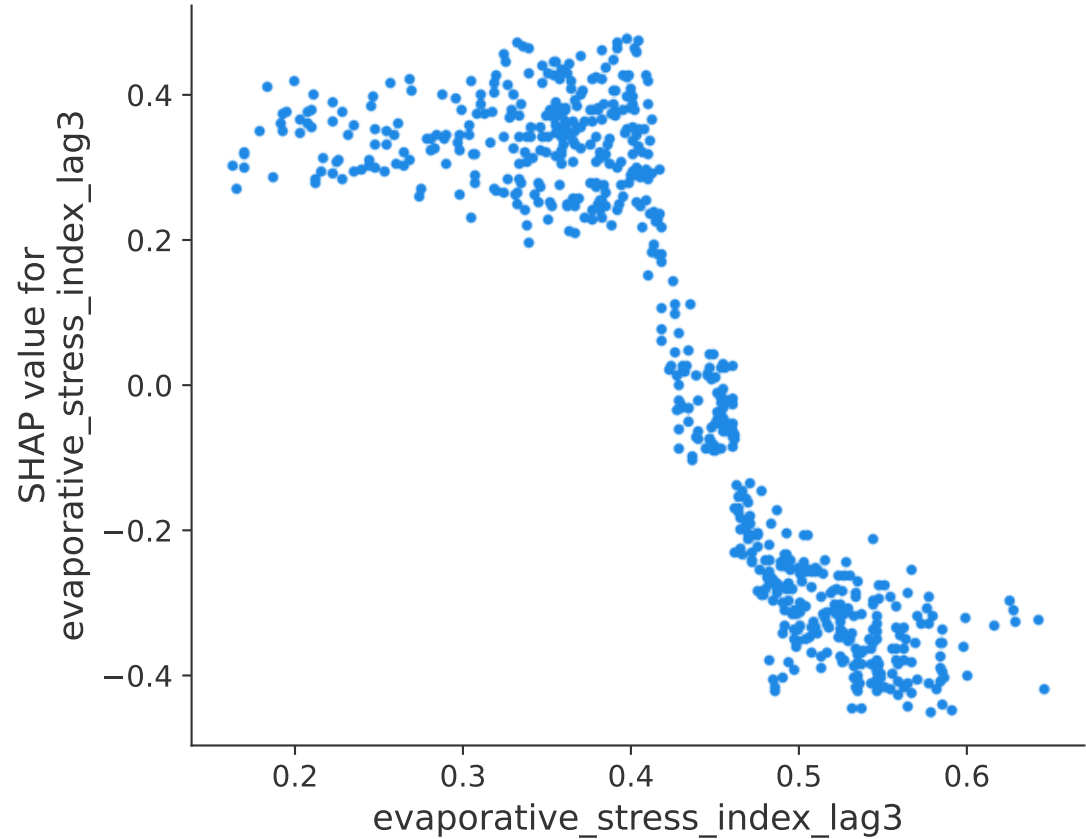
SHAP Dependence Plot for evaporative\_stress\_index\_lag3, Class 0 - Kalimantan



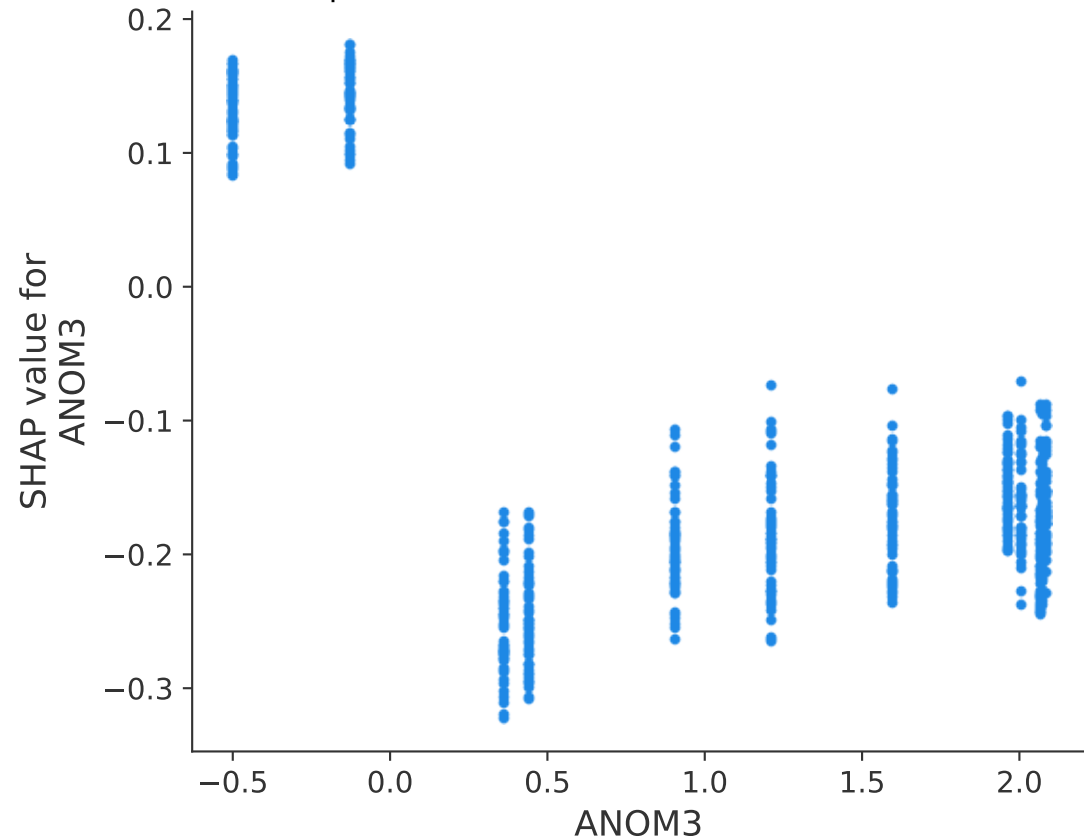
SHAP Dependence Plot for evaporative\_stress\_index\_lag3, Class 1 - Kalimantan



SHAP Dependence Plot for evaporative\_stress\_index\_lag3, Class 2 - Kalimantan

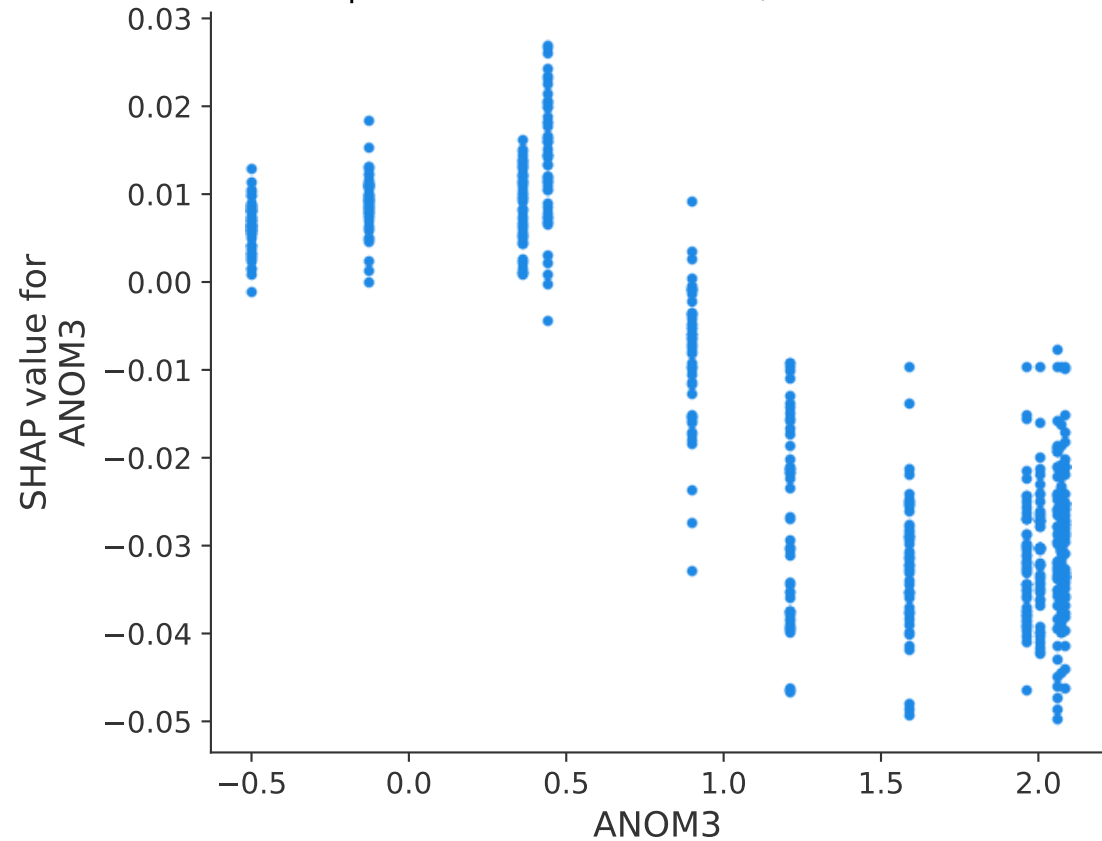


SHAP Dependence Plot for ANOM3, Class 0 - Kalimantan





SHAP Dependence Plot for ANOM3, Class 1 - Kalimantan



SHAP Dependence Plot for ANOM3, Class 2 - Kalimantan

