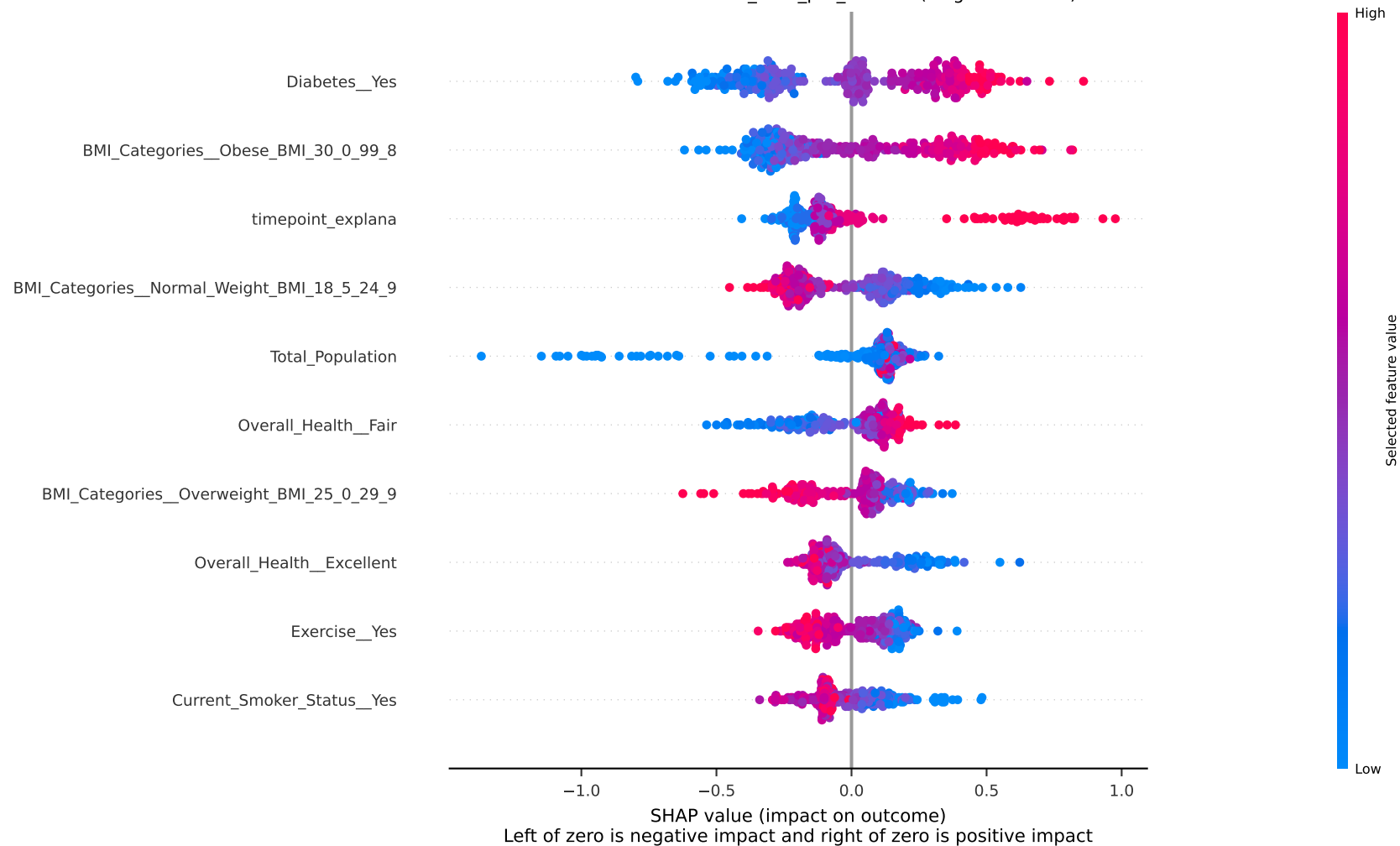
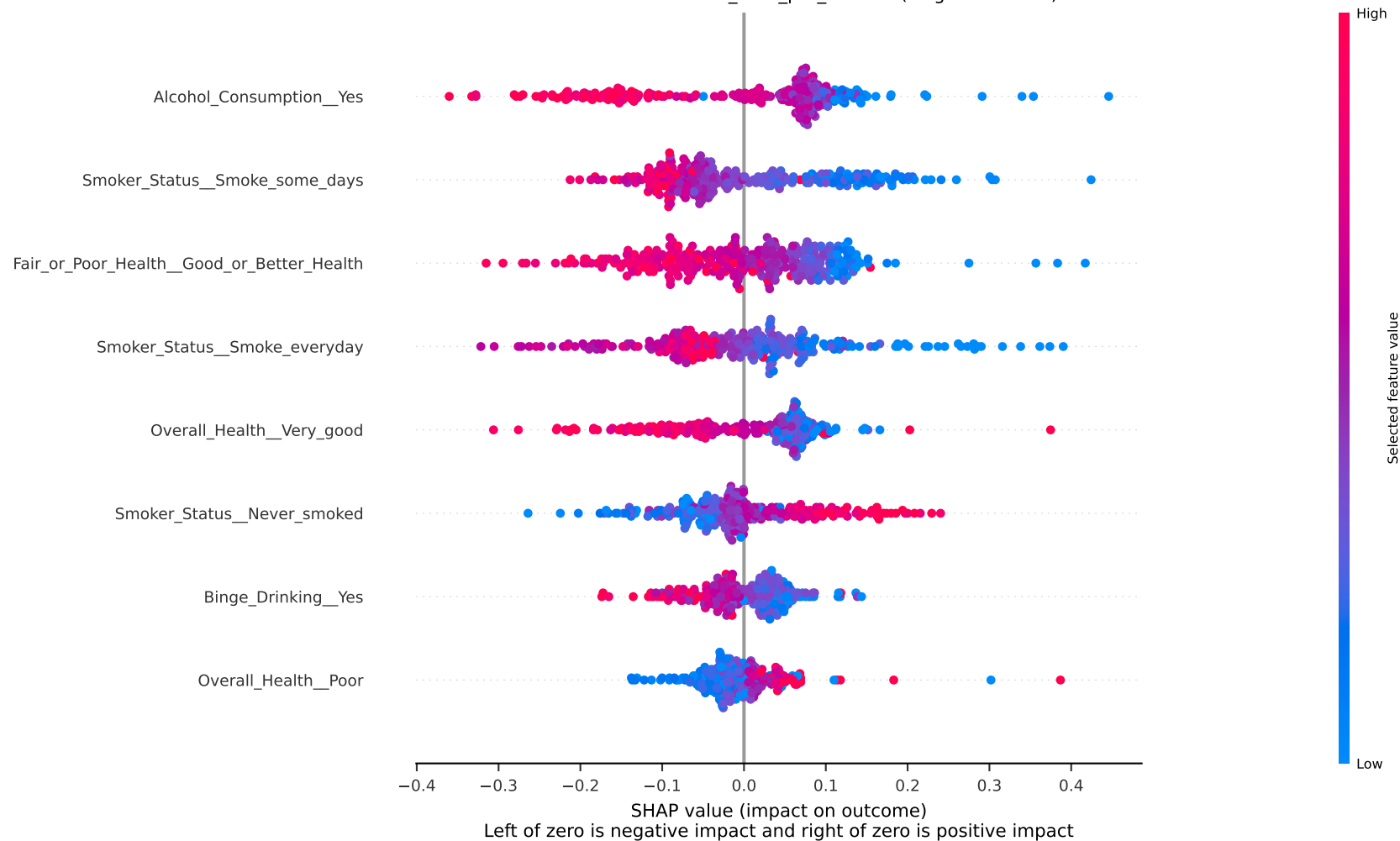


Features related to Crude_Rate_per_100000 (Original dataset)



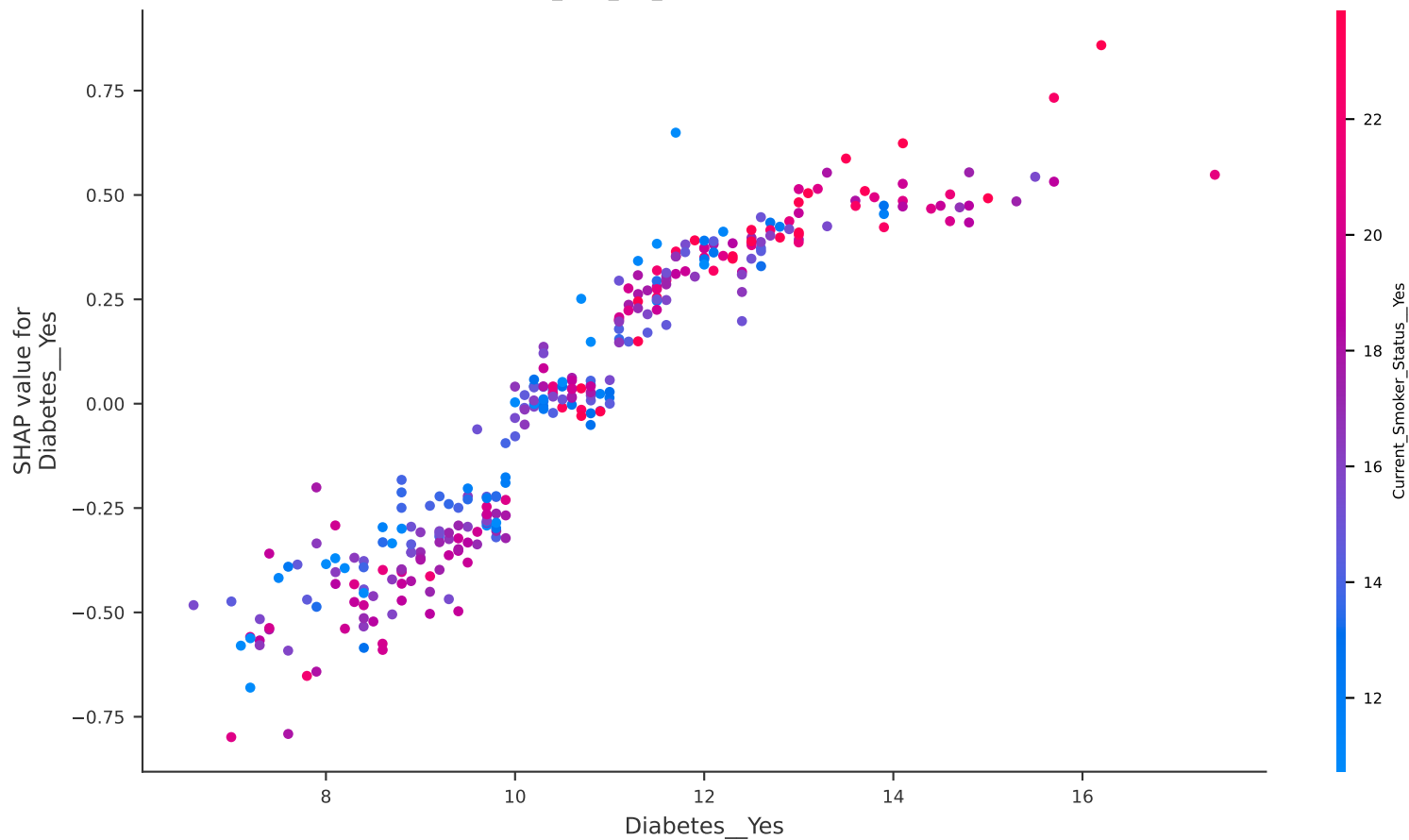
Each point is one sample; horizontal position shows impact on outcome (left = negative/0, right = positive/1).
 Color shows feature value (red = high, blue = low [for binary 'ENC' input features red = yes/1 and blue = no/0]).
 Scales may vary across plots with a maximum of 10 features per plot.

Features related to Crude_Rate_per_100000 (Original dataset)



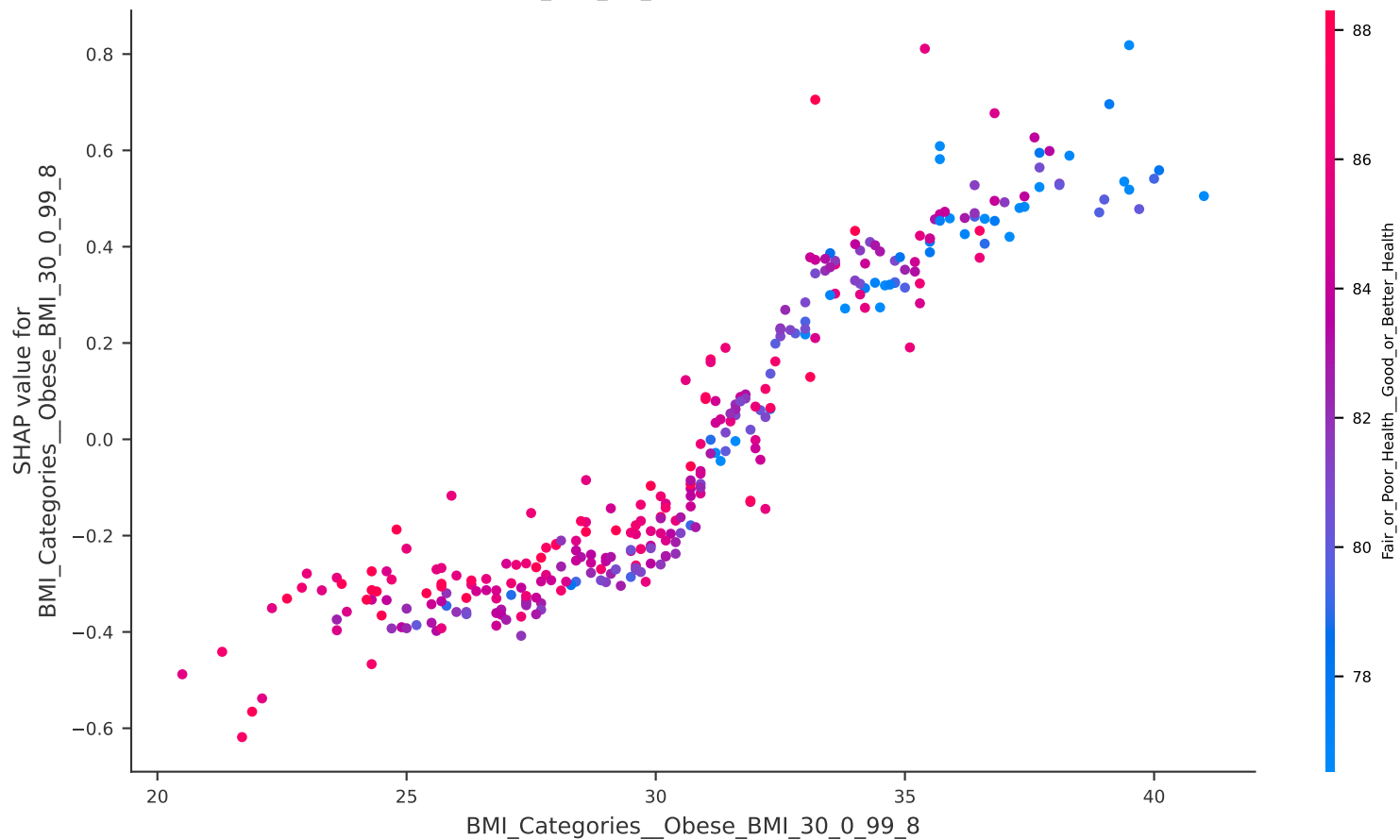
Each point is one sample; horizontal position shows impact on outcome (left = negative/0, right = positive/1).
 Color shows feature value (red = high, blue = low [for binary 'ENC' input features red = yes/1 and blue = no/0]).
 Scales may vary across plots with a maximum of 10 features per plot.

Dependence plot showing feature impact on
Crude_Rate_per_100000 (Original dataset)



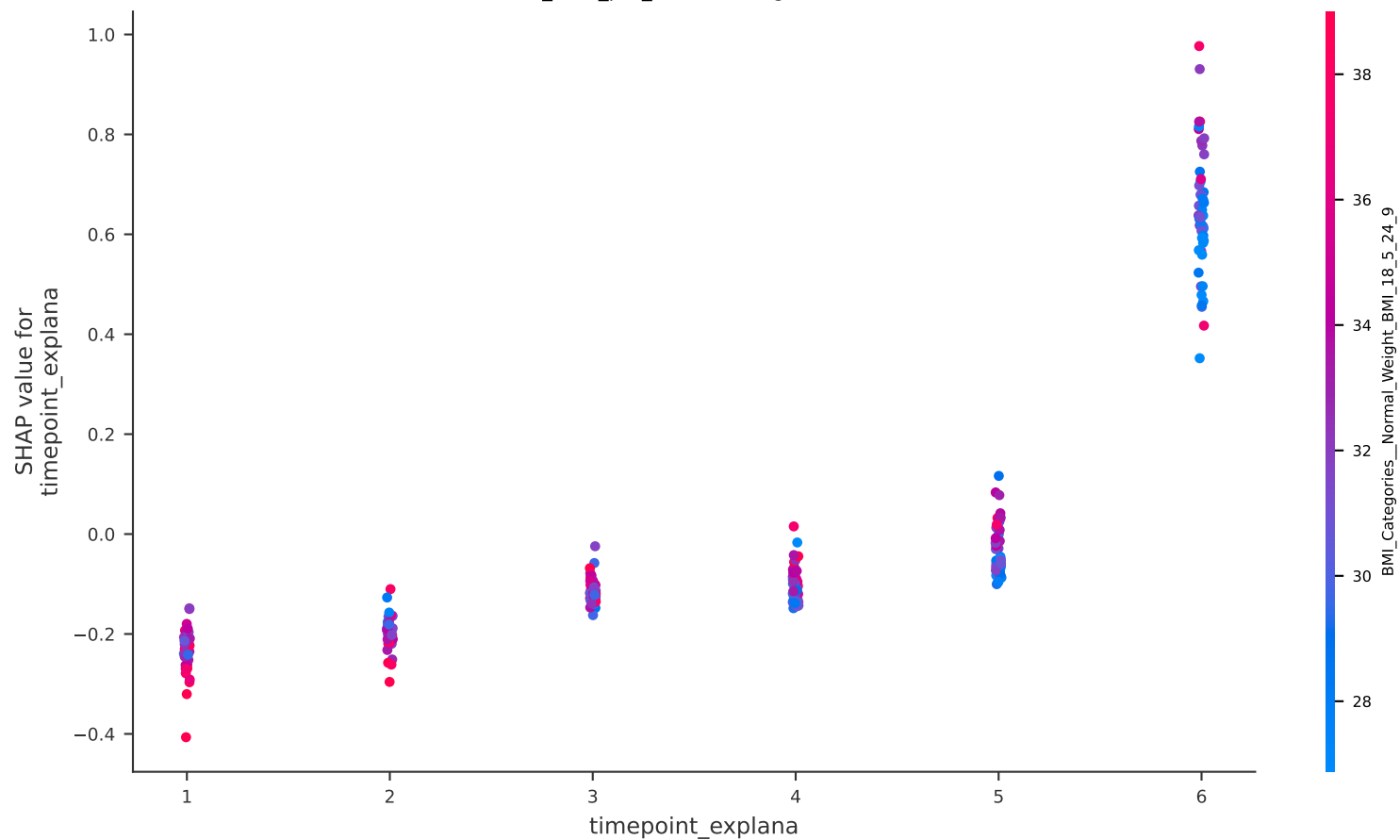
Each point is one observation. X-axis = feature value; Y-axis = SHAP value (positive pushes prediction up, negative pushes it down).
Points are colored by value of top interacting feature.

Dependence plot showing feature impact on
Crude_Rate_per_100000 (Original dataset)

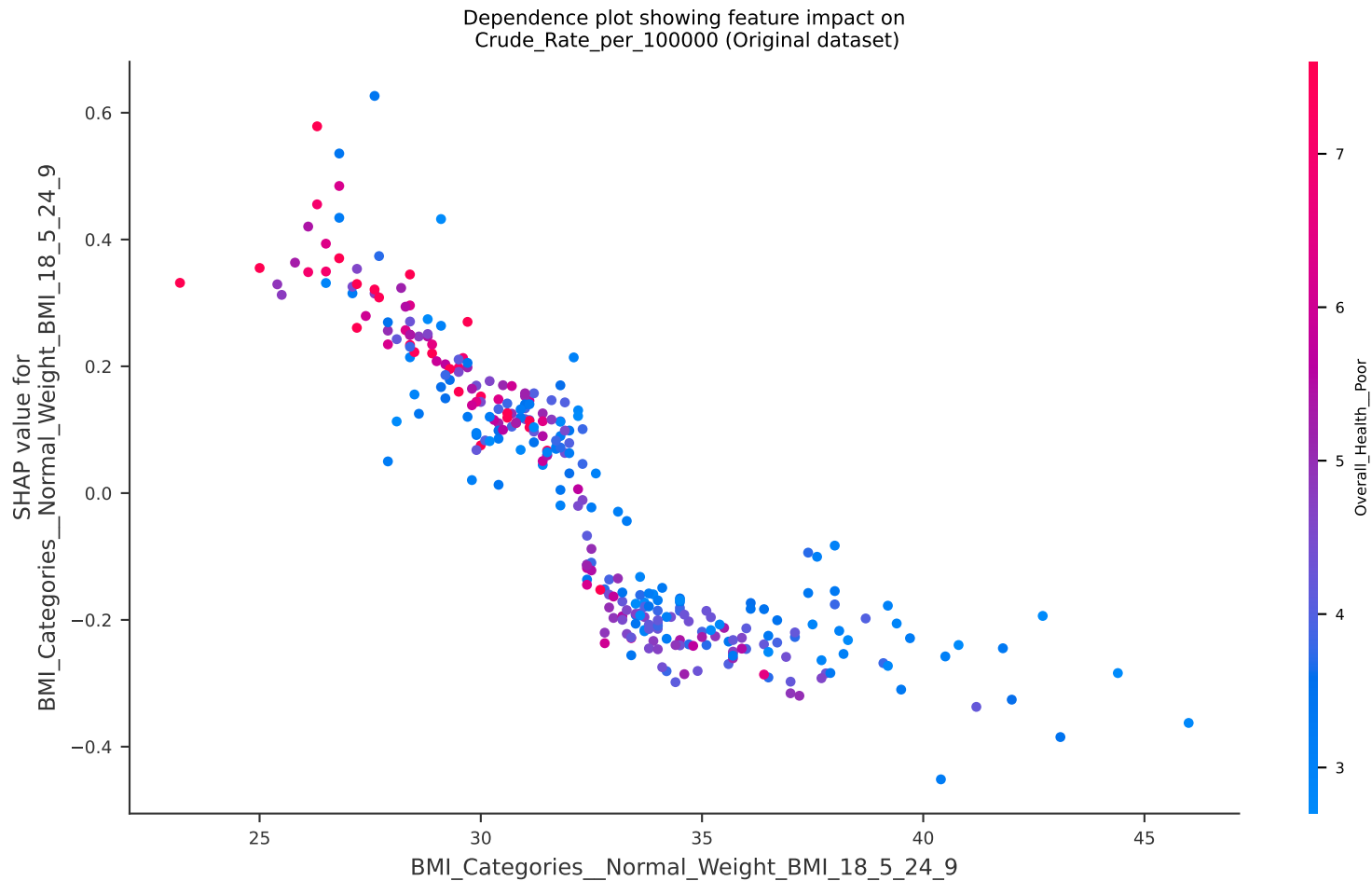


Each point is one observation. X-axis = feature value; Y-axis = SHAP value (positive pushes prediction up, negative pushes it down).
Points are colored by value of top interacting feature.

Dependence plot showing feature impact on
Crude_Rate_per_100000 (Original dataset)

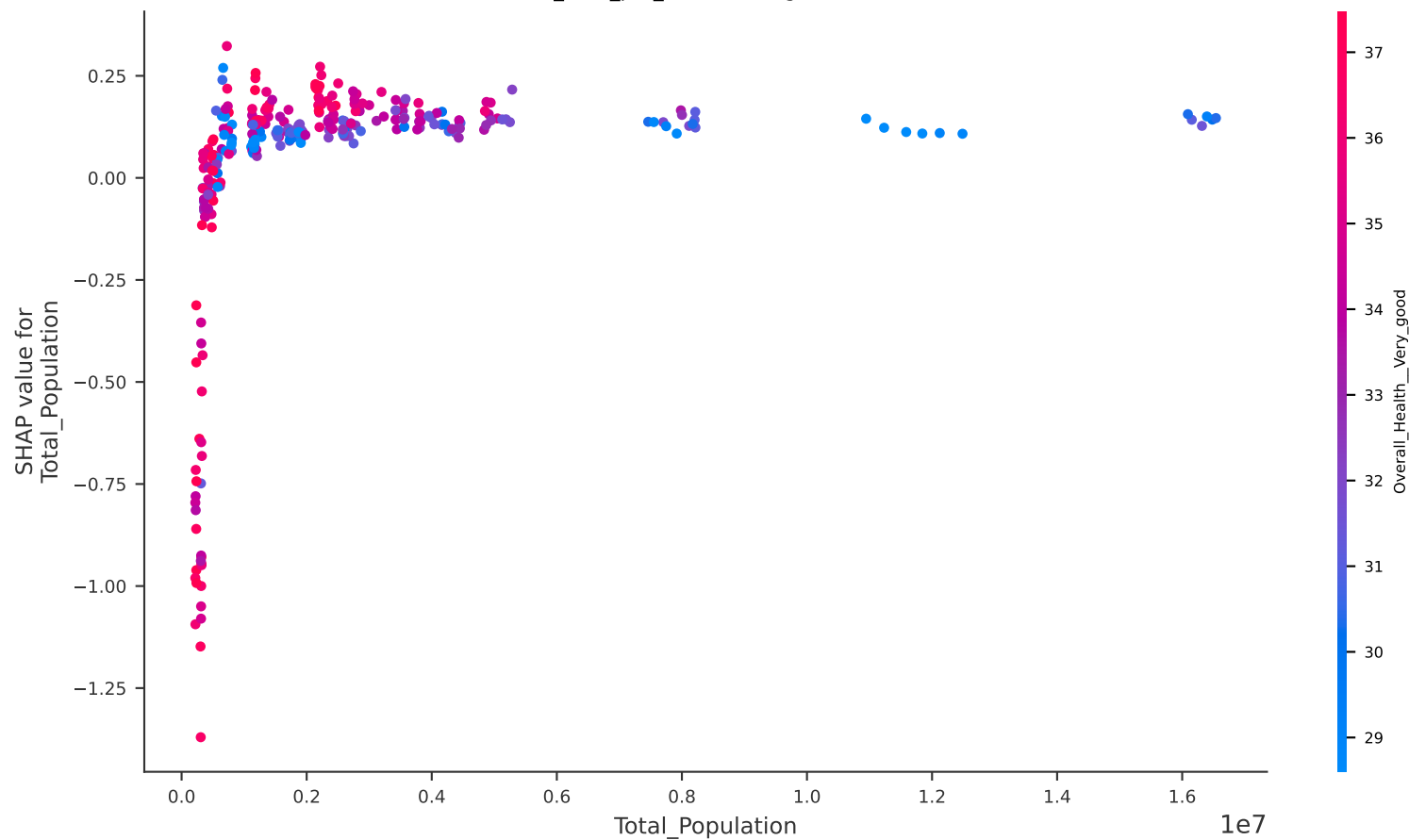


Each point is one observation. X-axis = feature value; Y-axis = SHAP value (positive pushes prediction up, negative pushes it down).
Points are colored by value of top interacting feature.



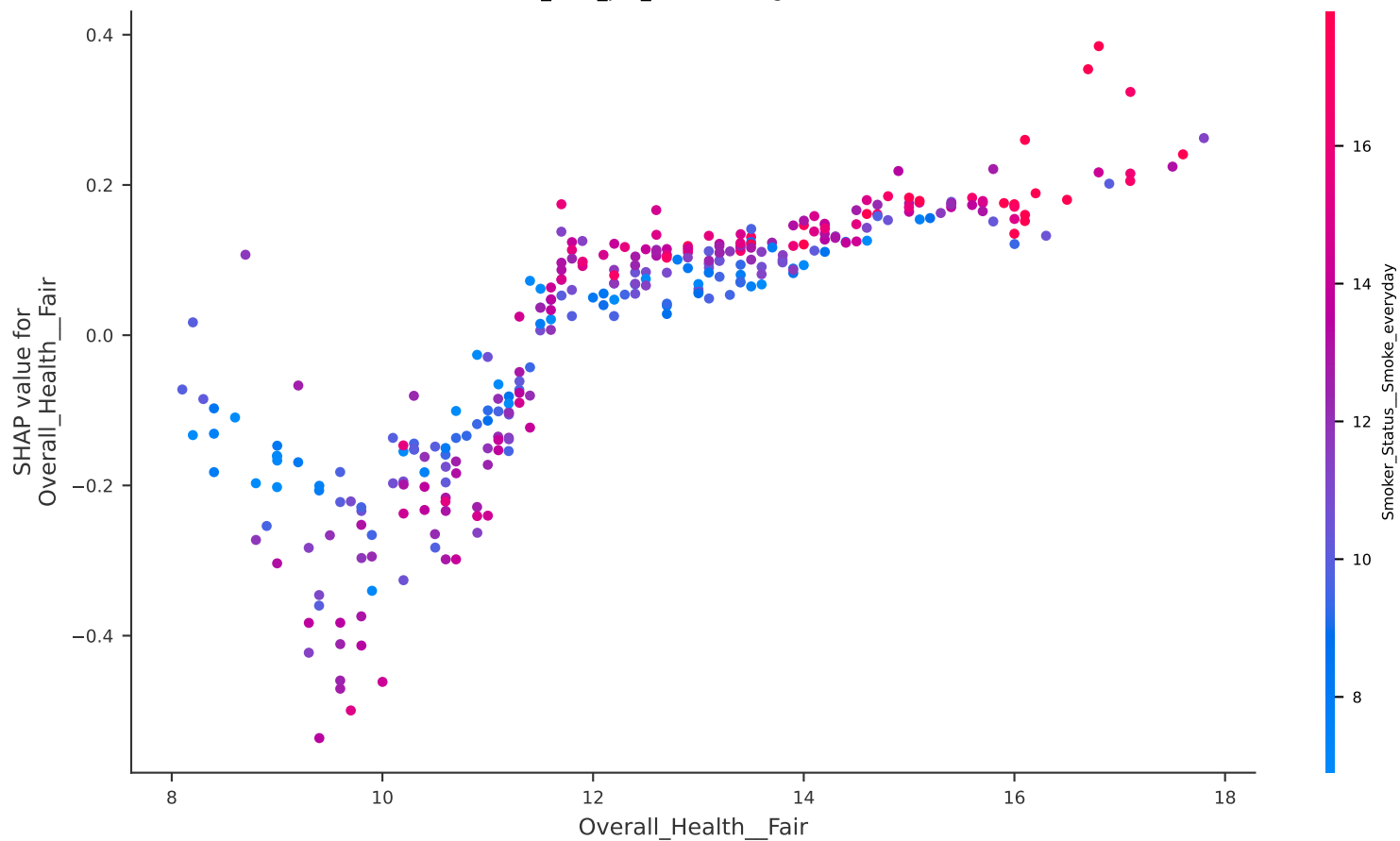
Each point is one observation. X-axis = feature value; Y-axis = SHAP value (positive pushes prediction up, negative pushes it down).
Points are colored by value of top interacting feature.

Dependence plot showing feature impact on
Crude_Rate_per_100000 (Original dataset)

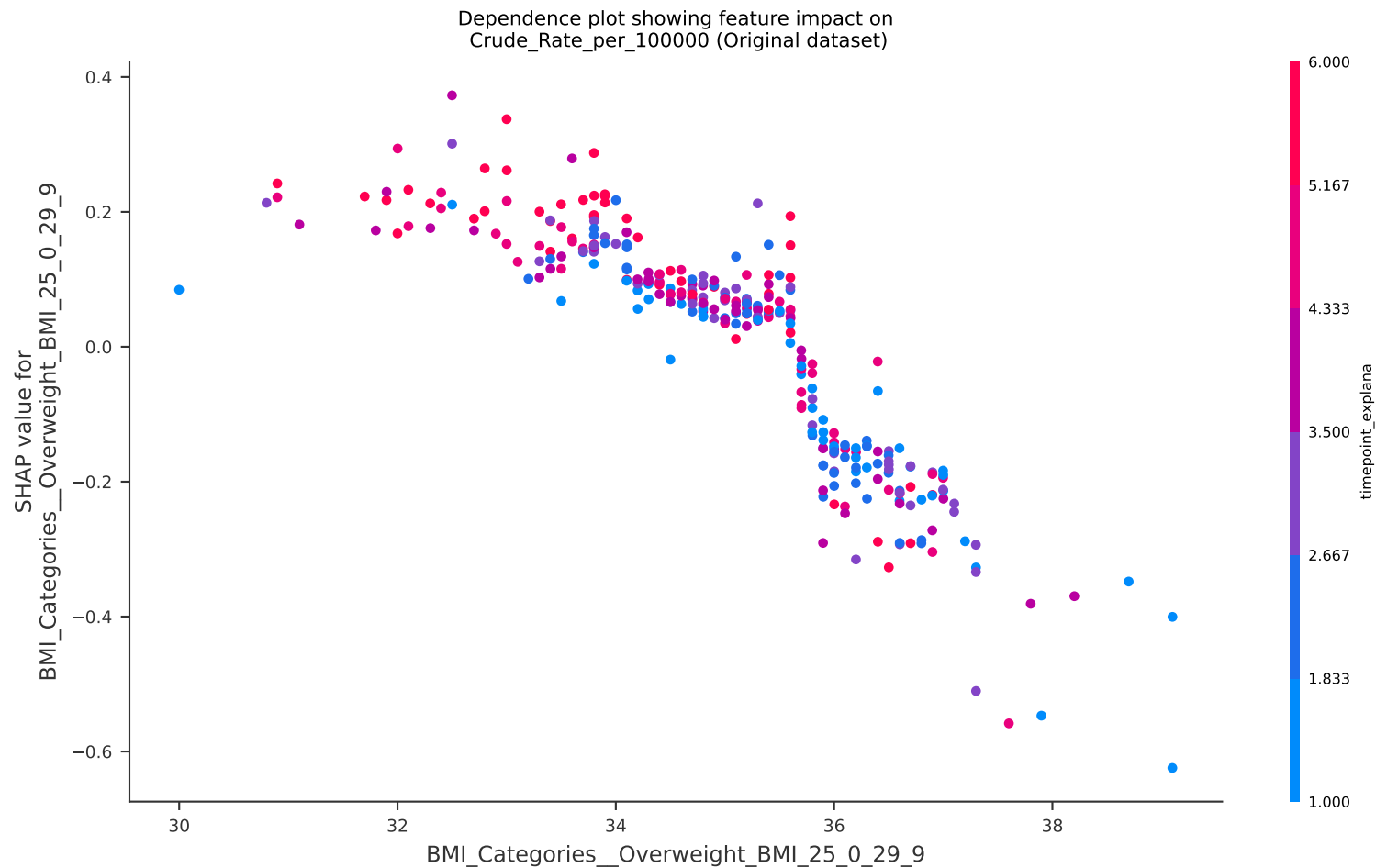


Each point is one observation. X-axis = feature value; Y-axis = SHAP value (positive pushes prediction up, negative pushes it down).
Points are colored by value of top interacting feature.

Dependence plot showing feature impact on
Crude_Rate_per_100000 (Original dataset)

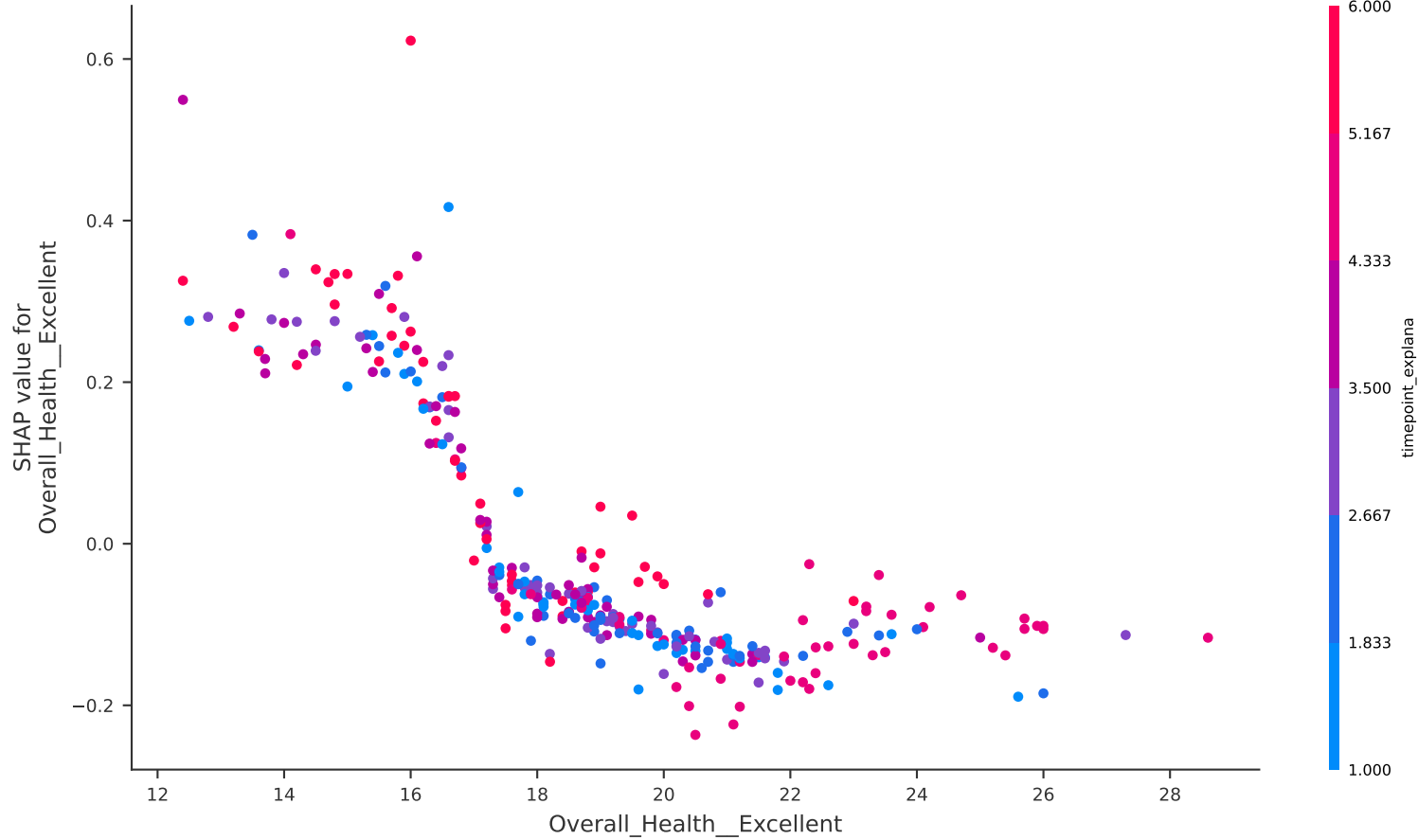


Each point is one observation. X-axis = feature value; Y-axis = SHAP value (positive pushes prediction up, negative pushes it down).
Points are colored by value of top interacting feature.

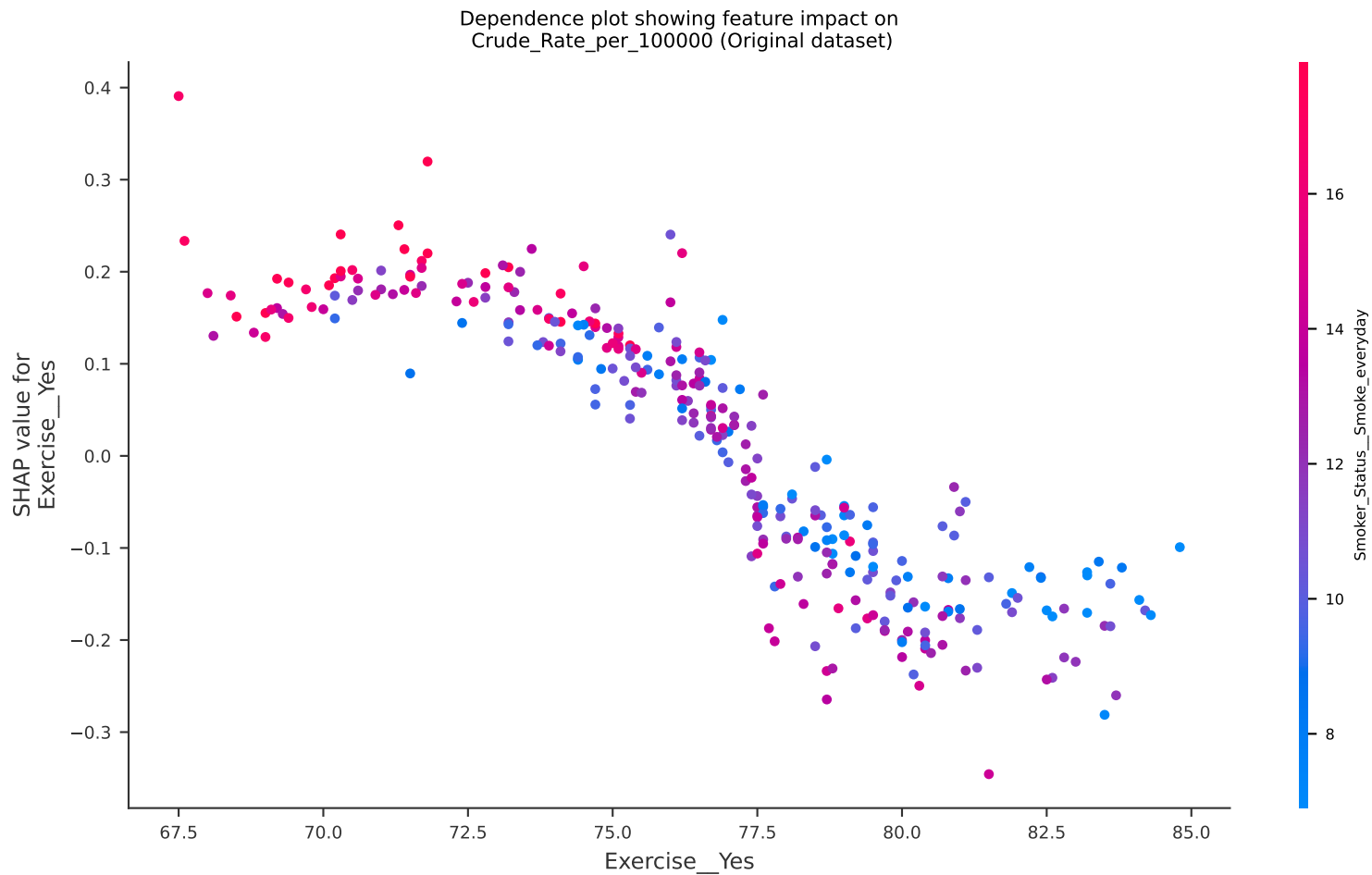


Each point is one observation. X-axis = feature value; Y-axis = SHAP value (positive pushes prediction up, negative pushes it down).
Points are colored by value of top interacting feature.

Dependence plot showing feature impact on
Crude_Rate_per_100000 (Original dataset)

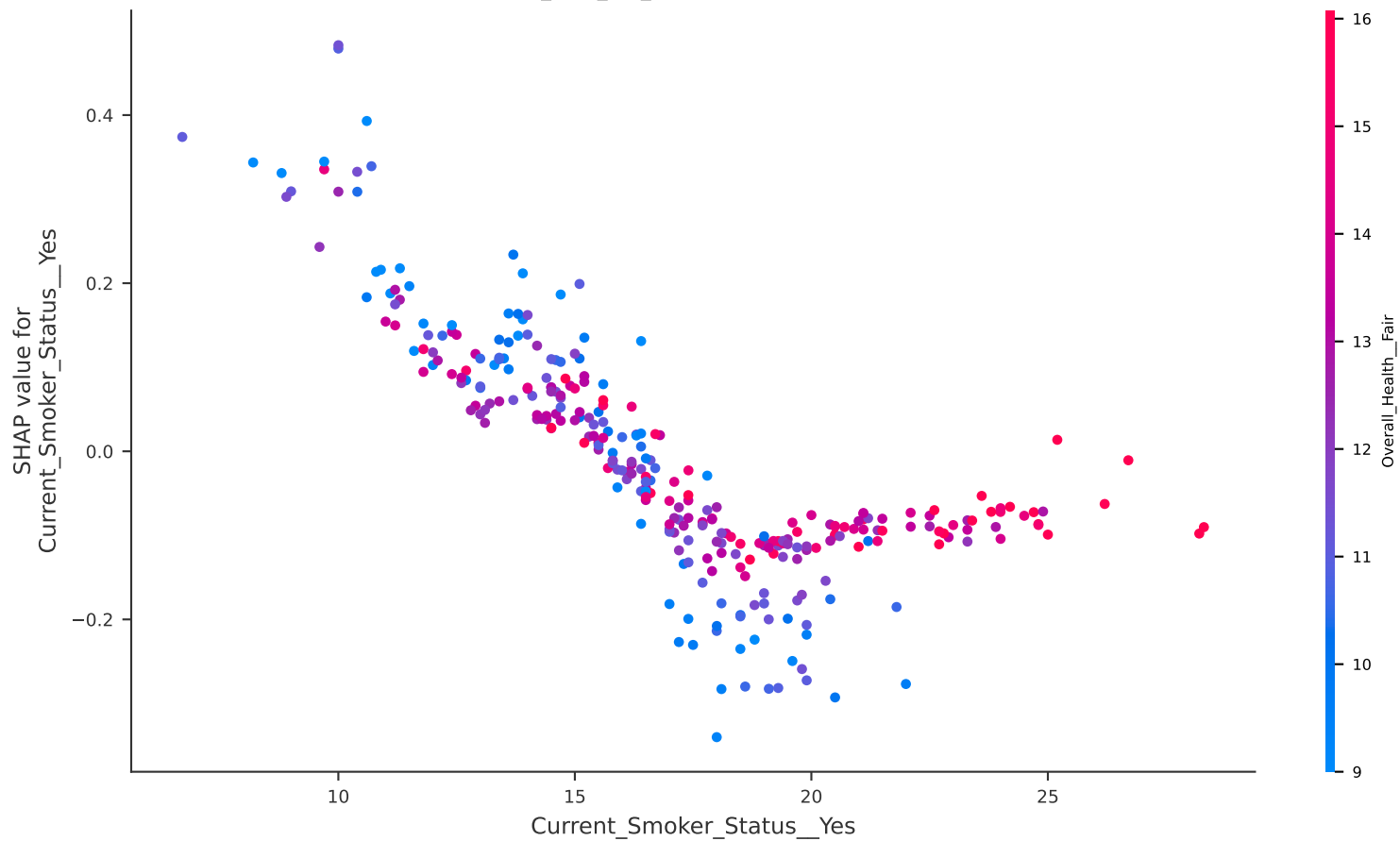


Each point is one observation. X-axis = feature value; Y-axis = SHAP value (positive pushes prediction up, negative pushes it down).
Points are colored by value of top interacting feature.



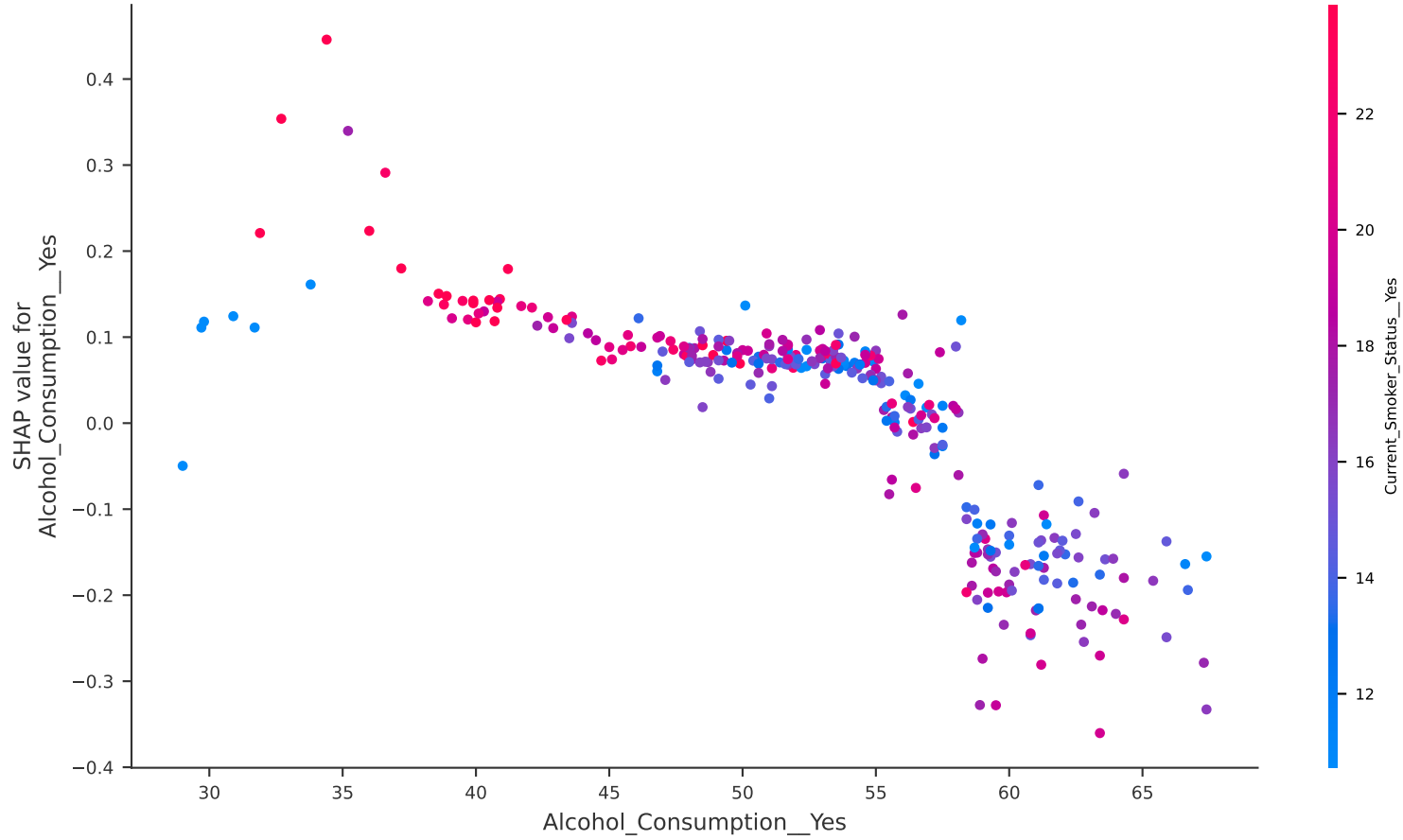
Each point is one observation. X-axis = feature value; Y-axis = SHAP value (positive pushes prediction up, negative pushes it down).
Points are colored by value of top interacting feature.

Dependence plot showing feature impact on
Crude_Rate_per_100000 (Original dataset)



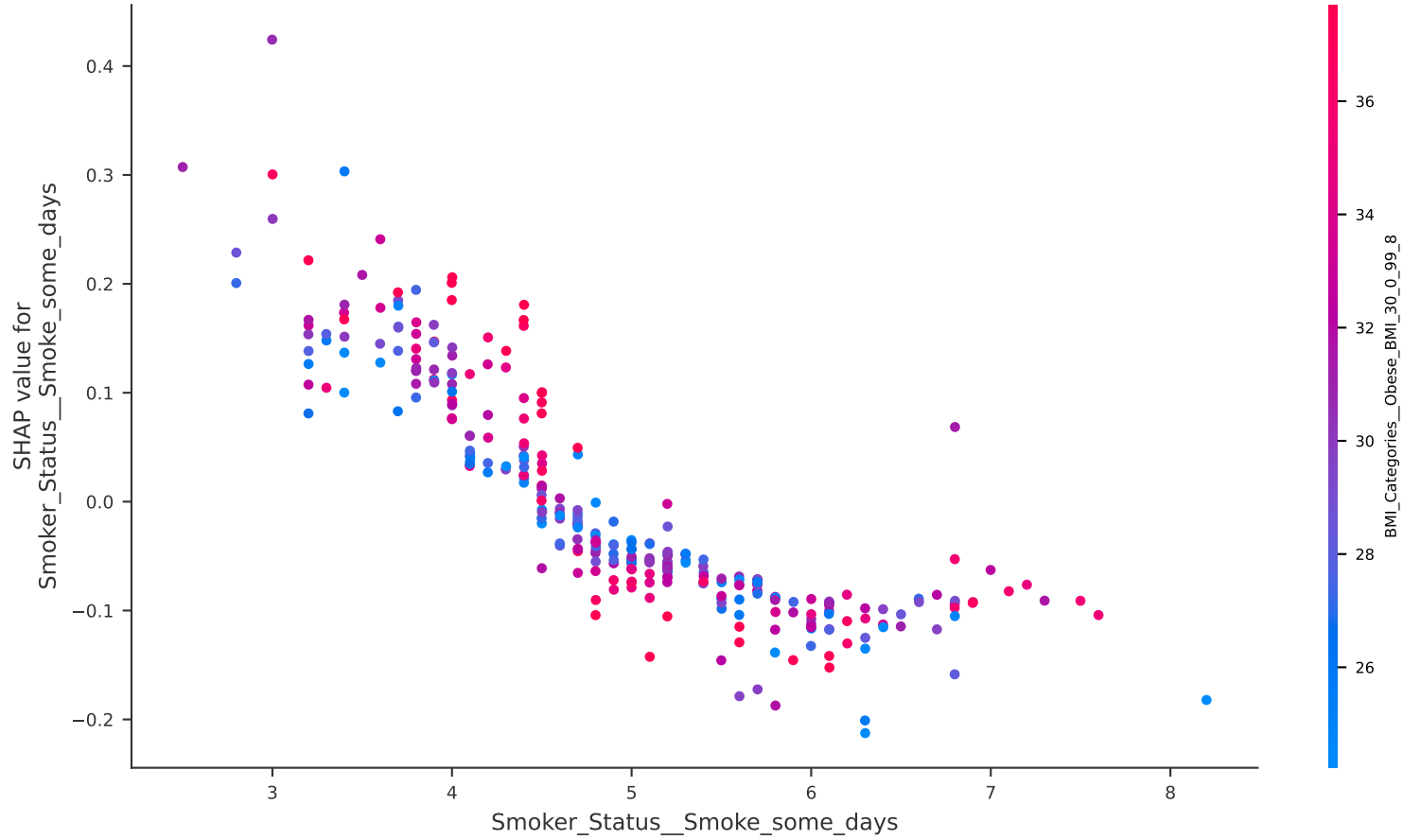
Each point is one observation. X-axis = feature value; Y-axis = SHAP value (positive pushes prediction up, negative pushes it down).
Points are colored by value of top interacting feature.

Dependence plot showing feature impact on
Crude_Rate_per_100000 (Original dataset)



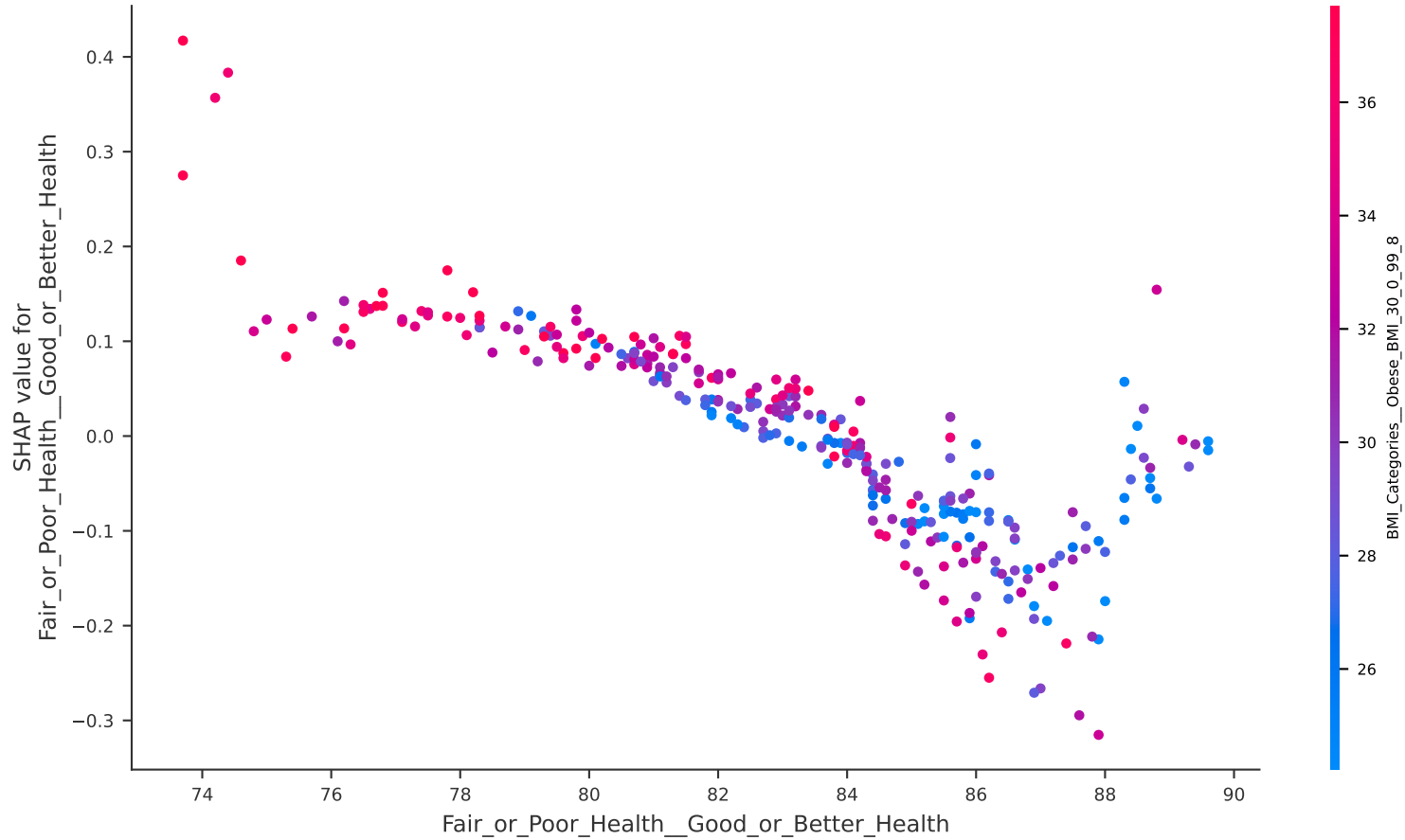
Each point is one observation. X-axis = feature value; Y-axis = SHAP value (positive pushes prediction up, negative pushes it down).
Points are colored by value of top interacting feature.

Dependence plot showing feature impact on
Crude_Rate_per_100000 (Original dataset)



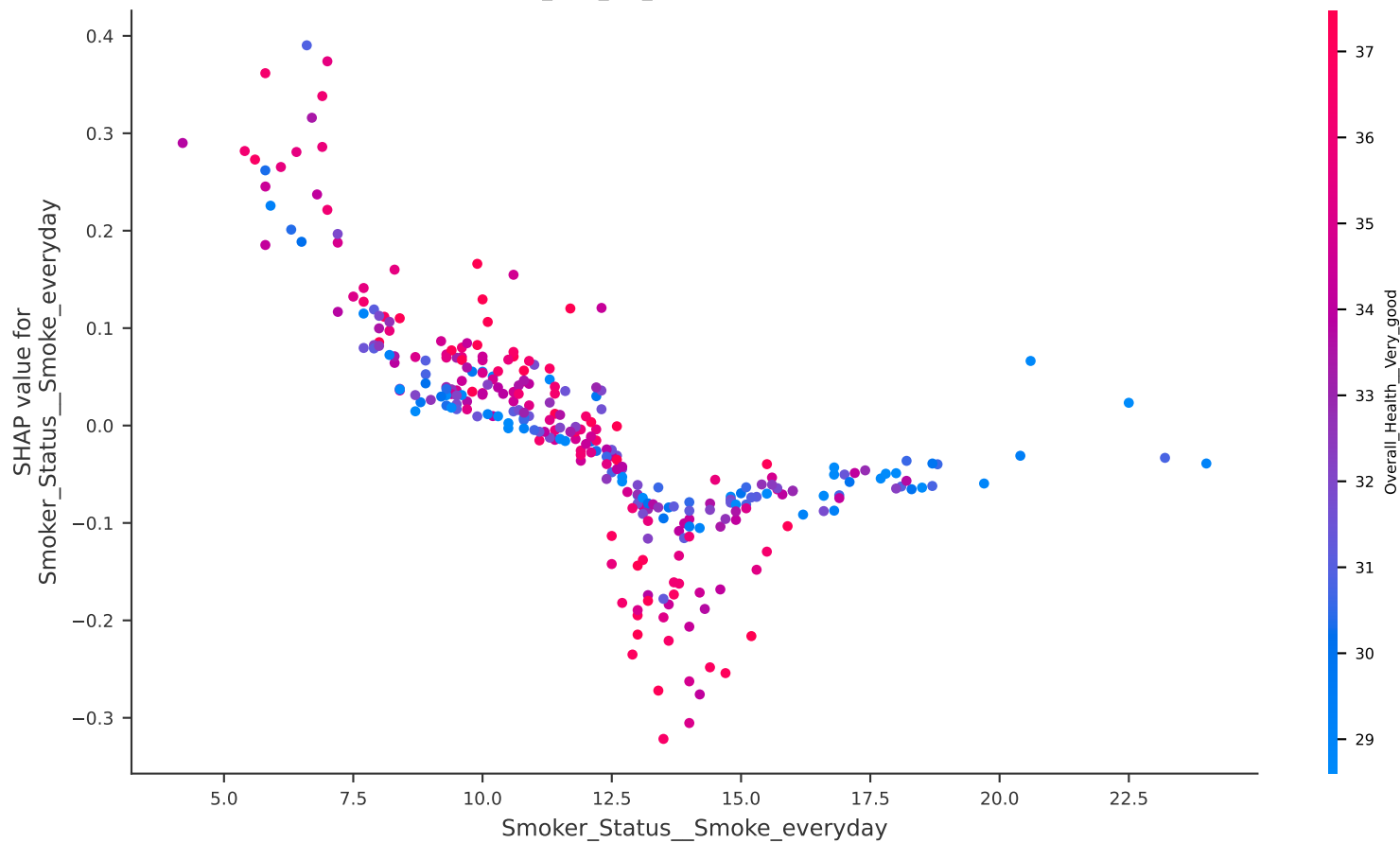
Each point is one observation. X-axis = feature value; Y-axis = SHAP value (positive pushes prediction up, negative pushes it down).
Points are colored by value of top interacting feature.

Dependence plot showing feature impact on
Crude_Rate_per_100000 (Original dataset)



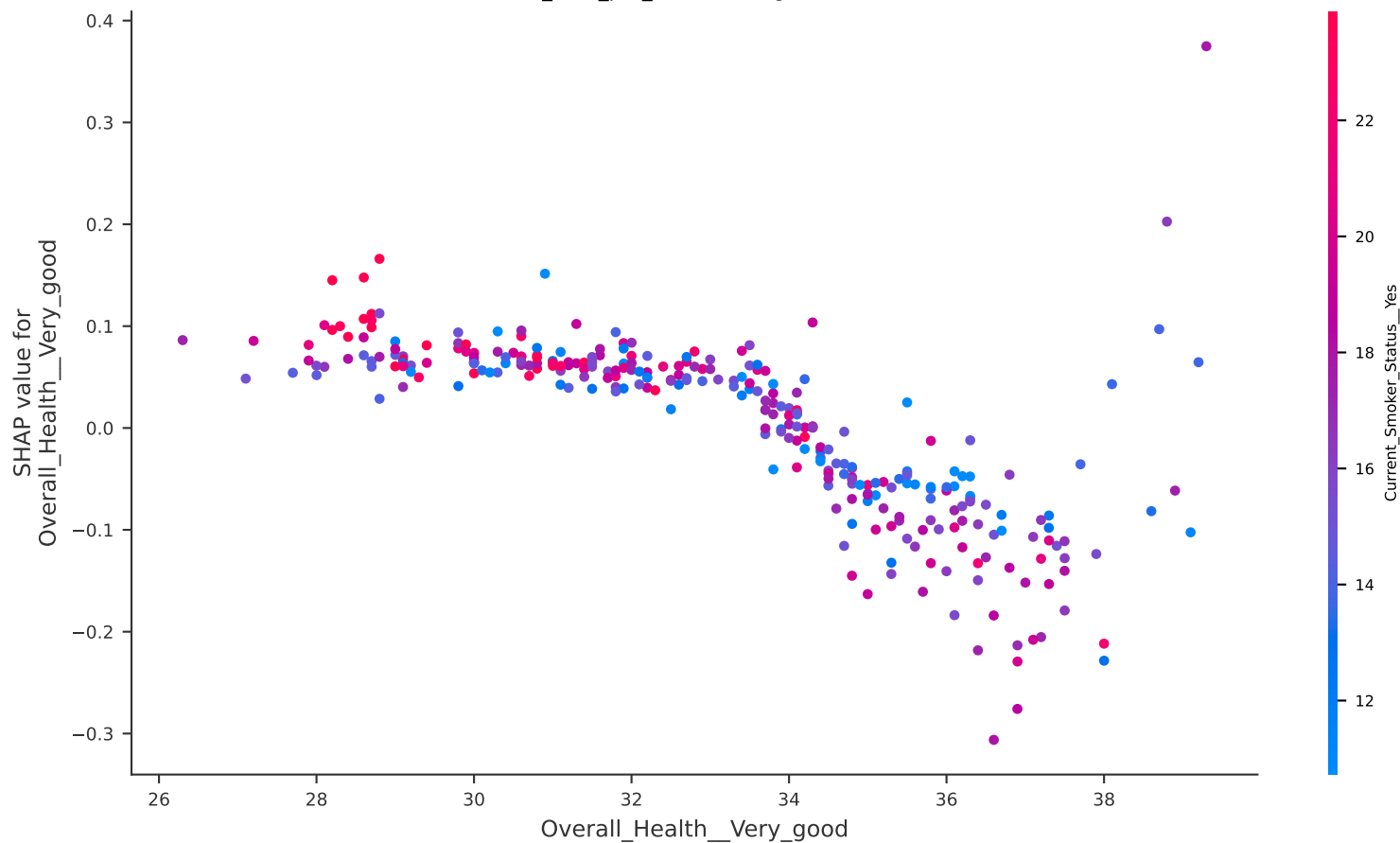
Each point is one observation. X-axis = feature value; Y-axis = SHAP value (positive pushes prediction up, negative pushes it down).
Points are colored by value of top interacting feature.

Dependence plot showing feature impact on
Crude_Rate_per_100000 (Original dataset)



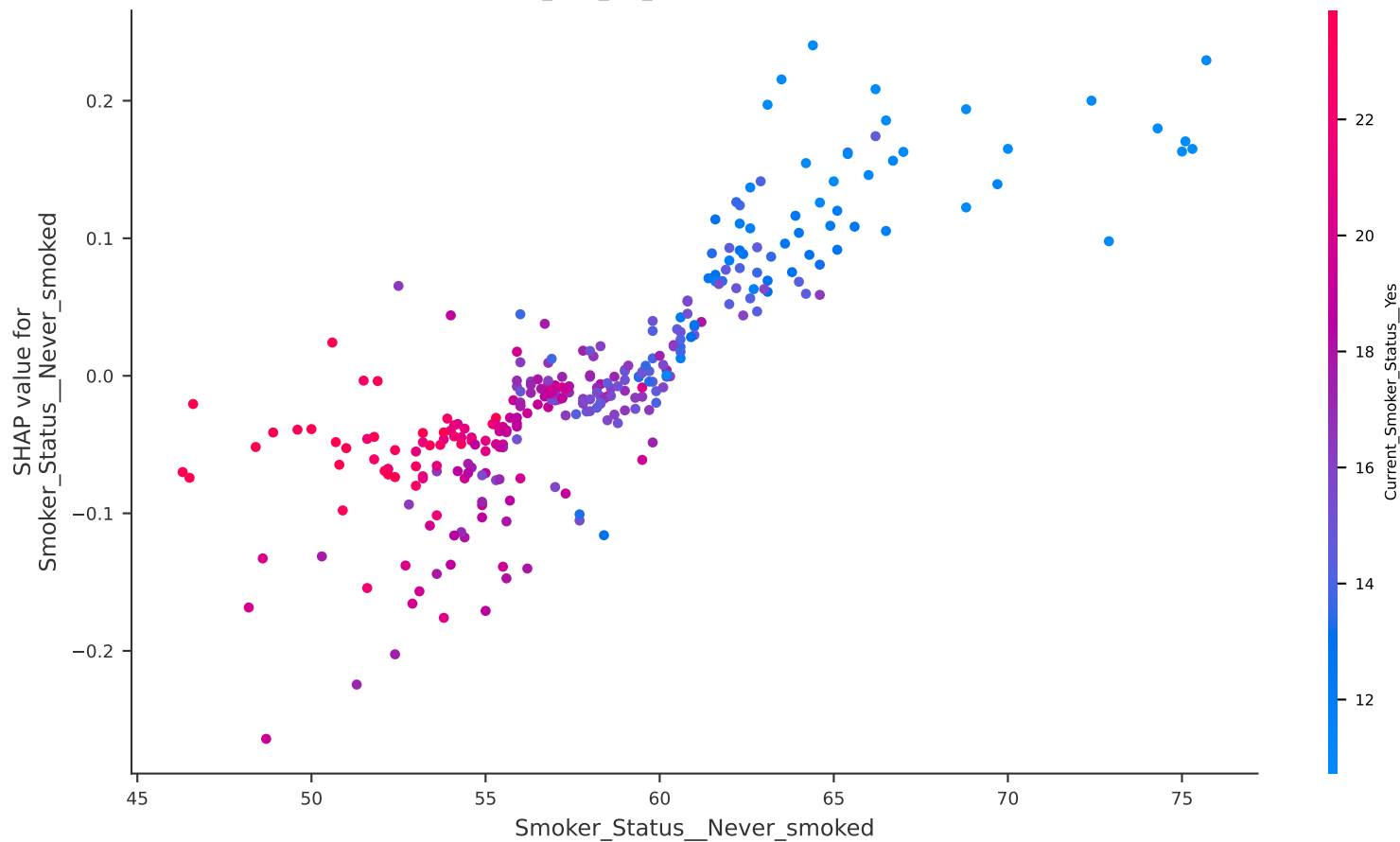
Each point is one observation. X-axis = feature value; Y-axis = SHAP value (positive pushes prediction up, negative pushes it down).
Points are colored by value of top interacting feature.

Dependence plot showing feature impact on
Crude_Rate_per_100000 (Original dataset)



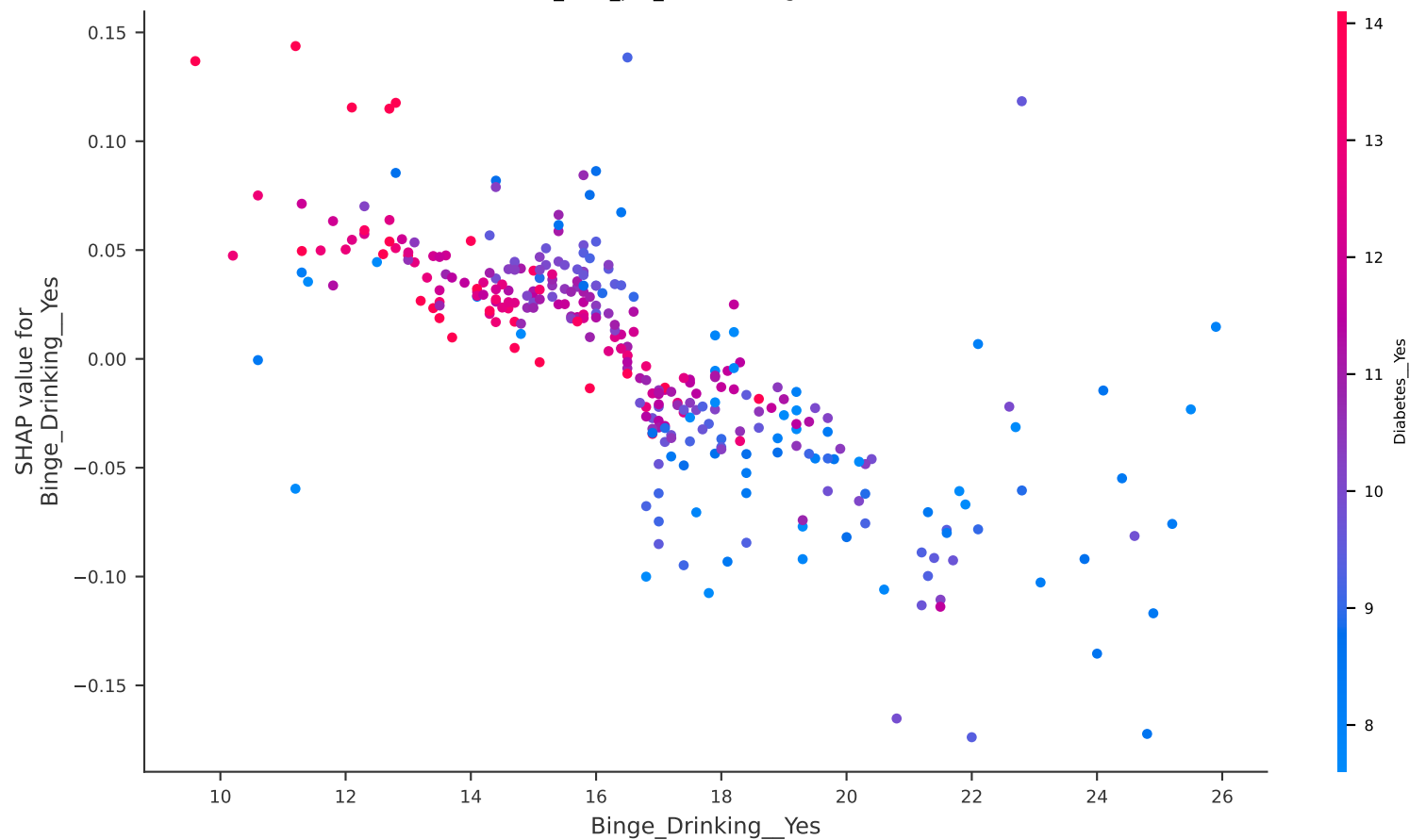
Each point is one observation. X-axis = feature value; Y-axis = SHAP value (positive pushes prediction up, negative pushes it down).
Points are colored by value of top interacting feature.

Dependence plot showing feature impact on
Crude_Rate_per_100000 (Original dataset)



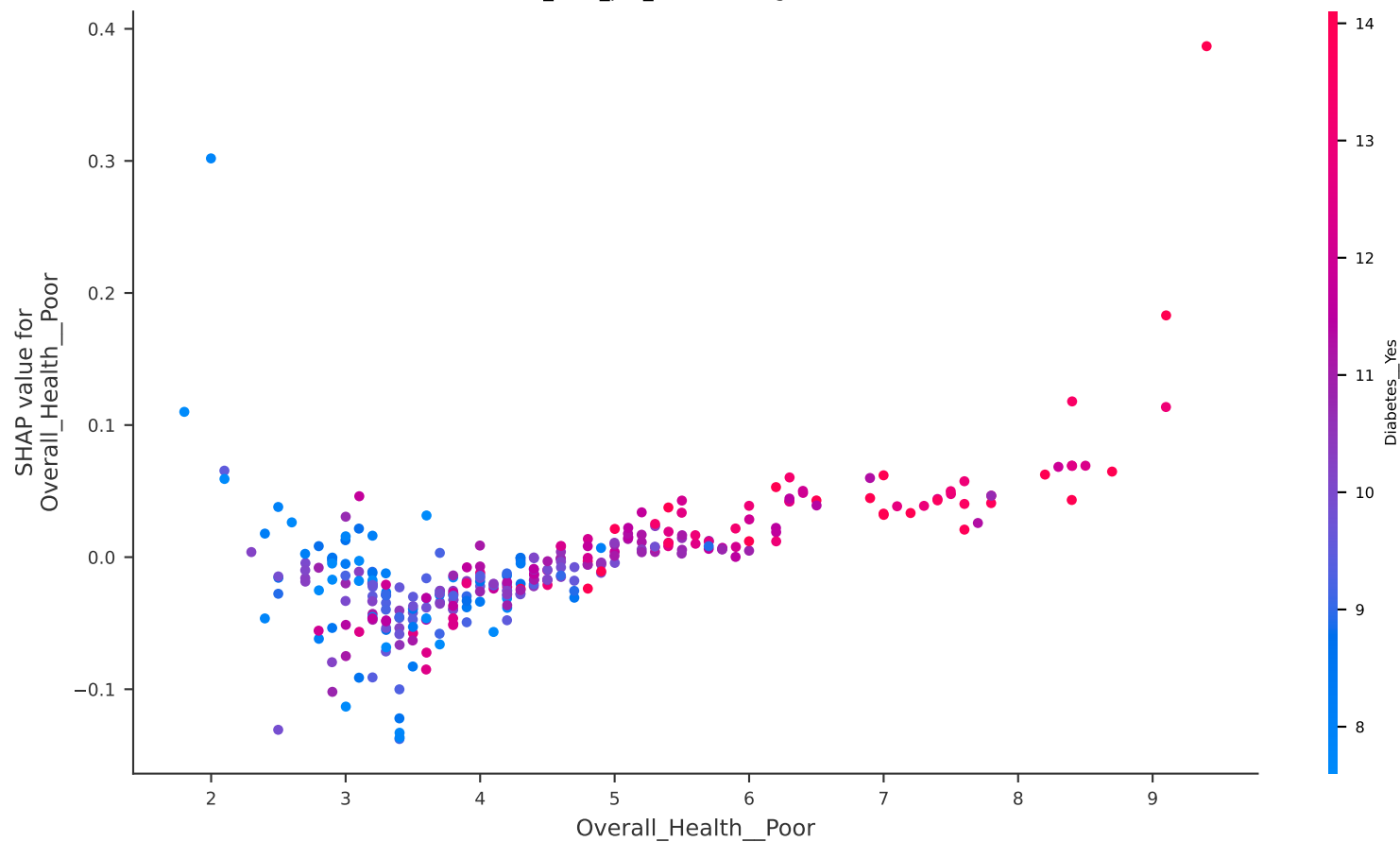
Each point is one observation. X-axis = feature value; Y-axis = SHAP value (positive pushes prediction up, negative pushes it down).
Points are colored by value of top interacting feature.

Dependence plot showing feature impact on
Crude_Rate_per_100000 (Original dataset)



Each point is one observation. X-axis = feature value; Y-axis = SHAP value (positive pushes prediction up, negative pushes it down).
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Dependence plot showing feature impact on
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Each point is one observation. X-axis = feature value; Y-axis = SHAP value (positive pushes prediction up, negative pushes it down).
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