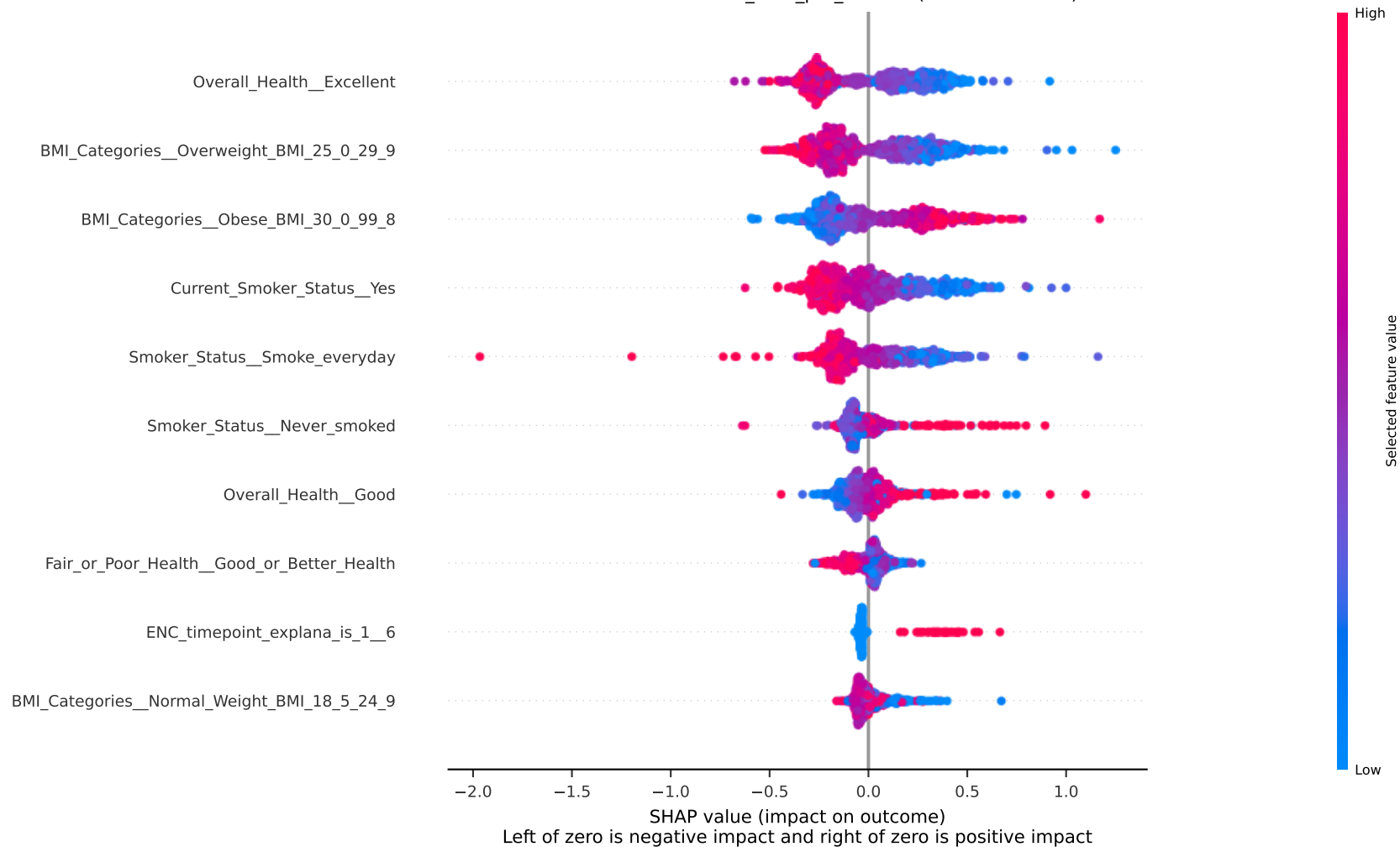
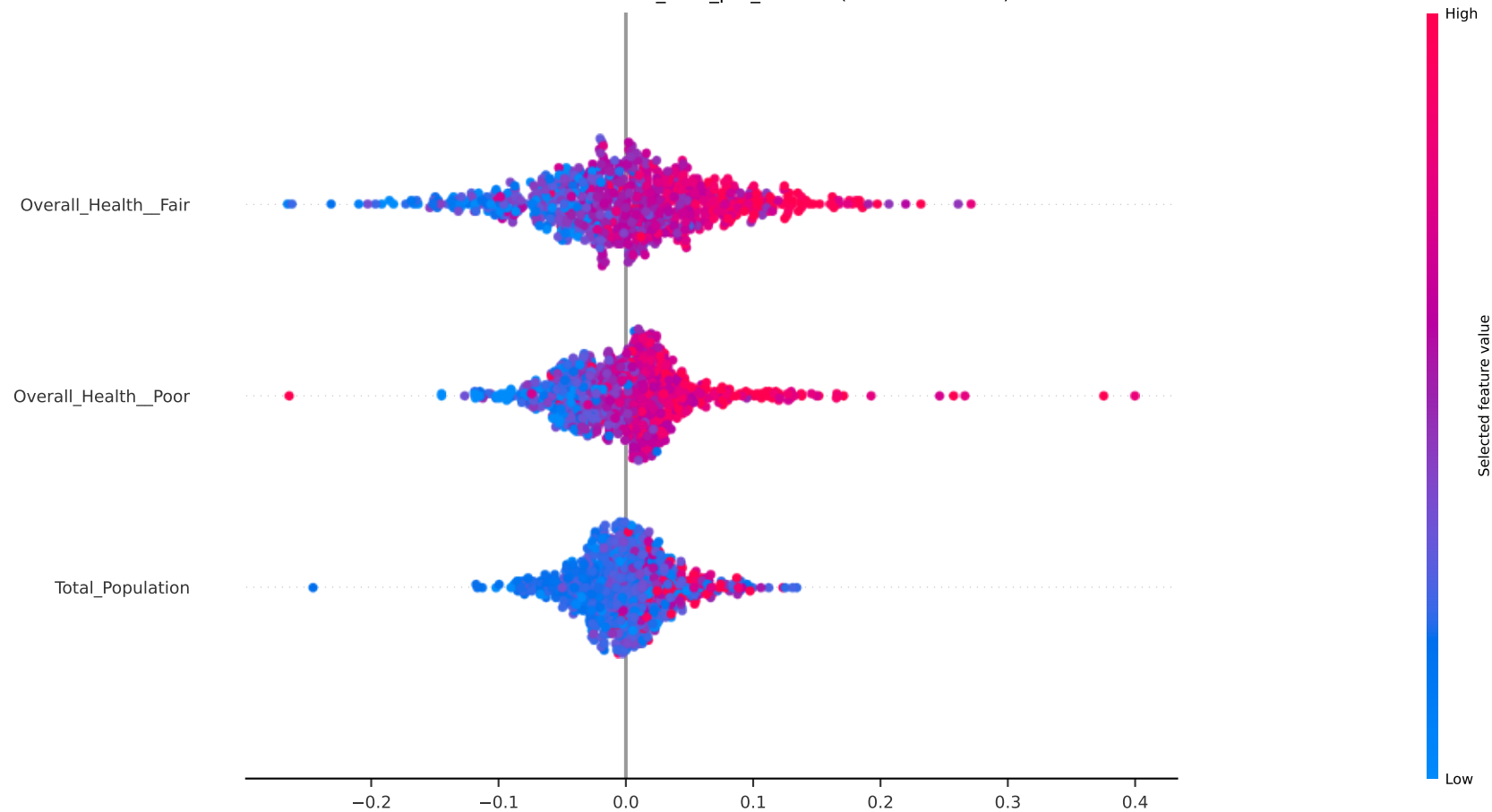


Features related to Crude_Rate_per_100000 (Pairwise dataset)



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.

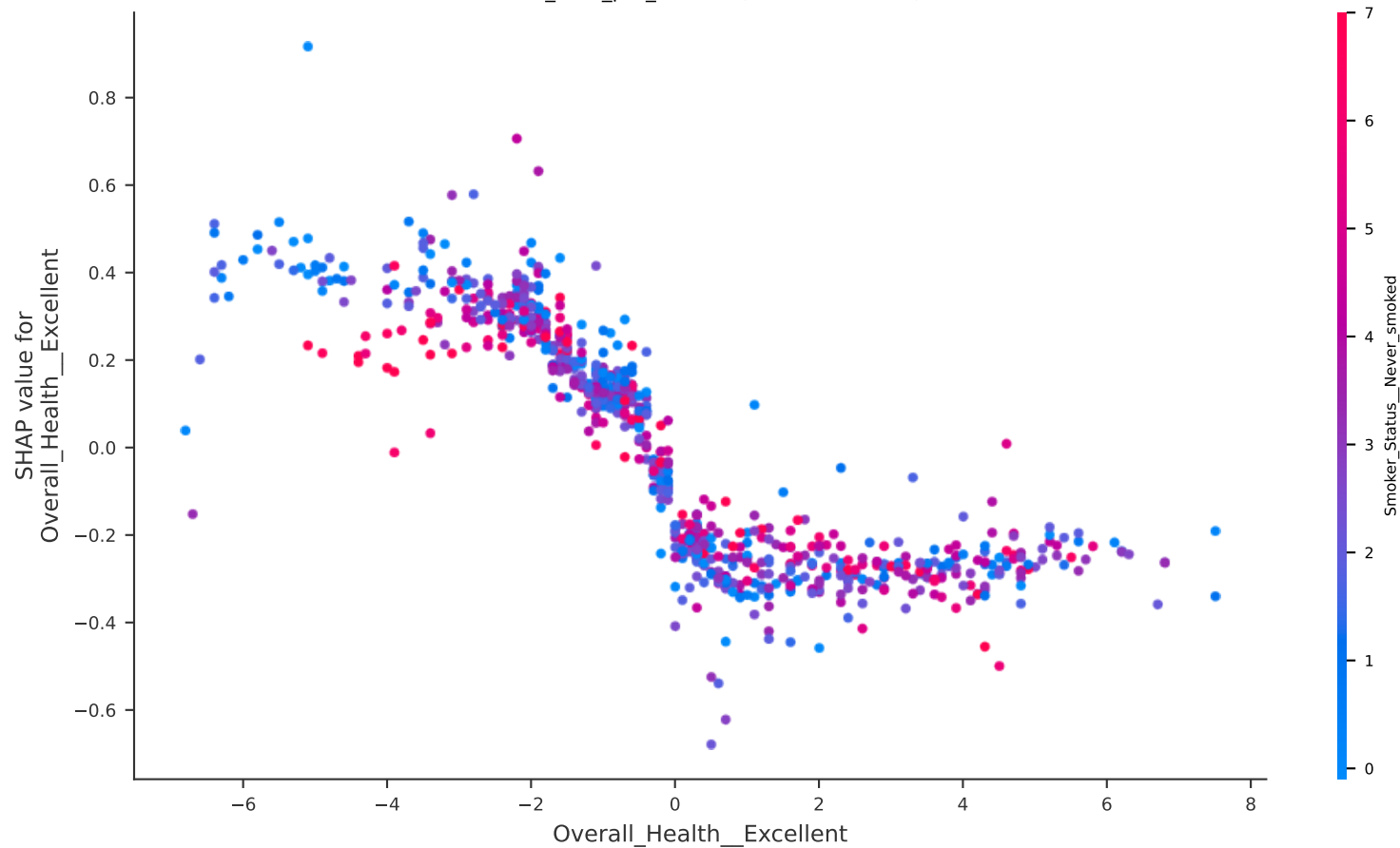
Features related to Crude_Rate_per_100000 (Pairwise dataset)



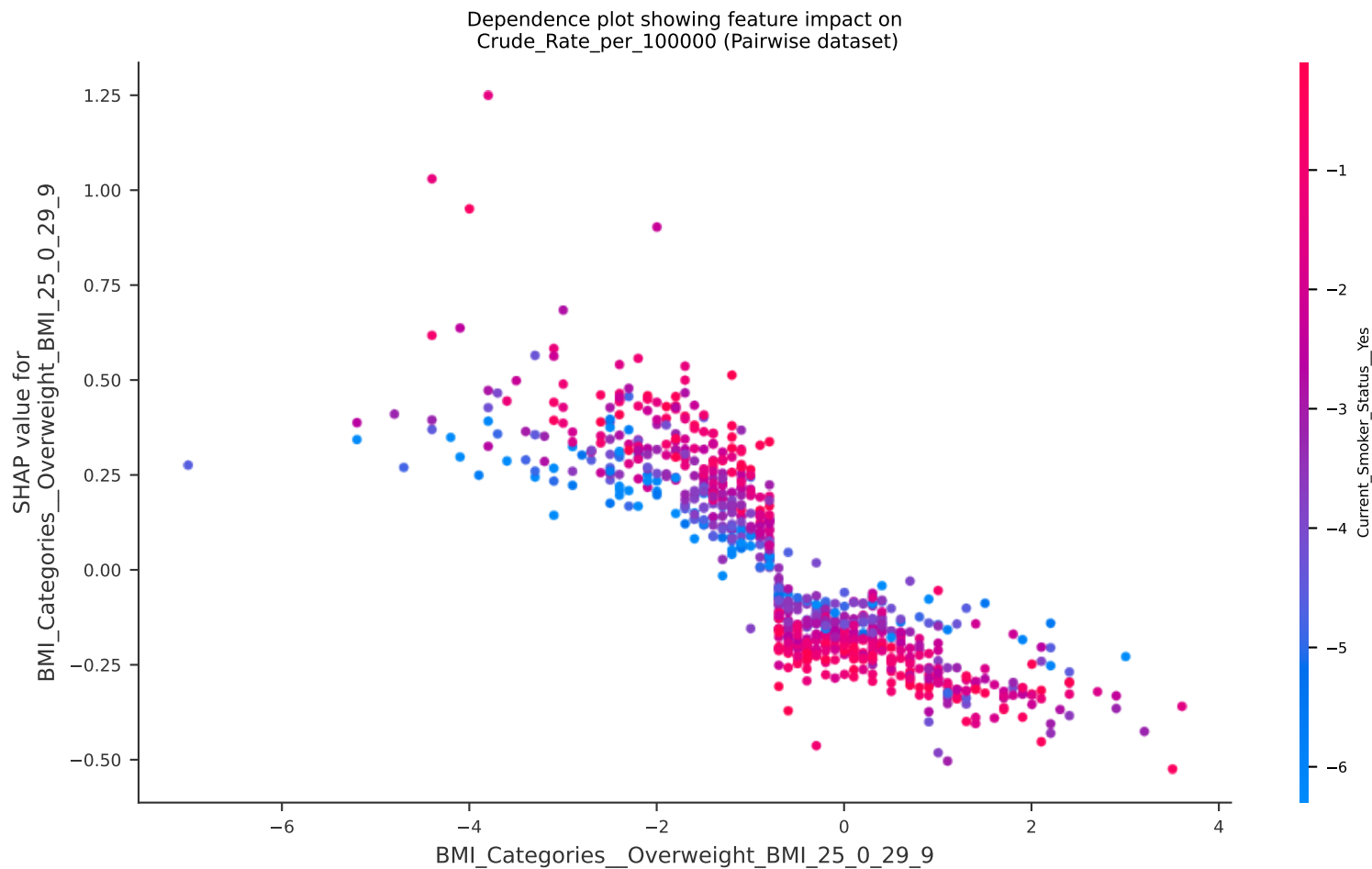
SHAP value (impact on outcome)
Left of zero is negative impact and right of zero is positive impact

*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 (Pairwise dataset)

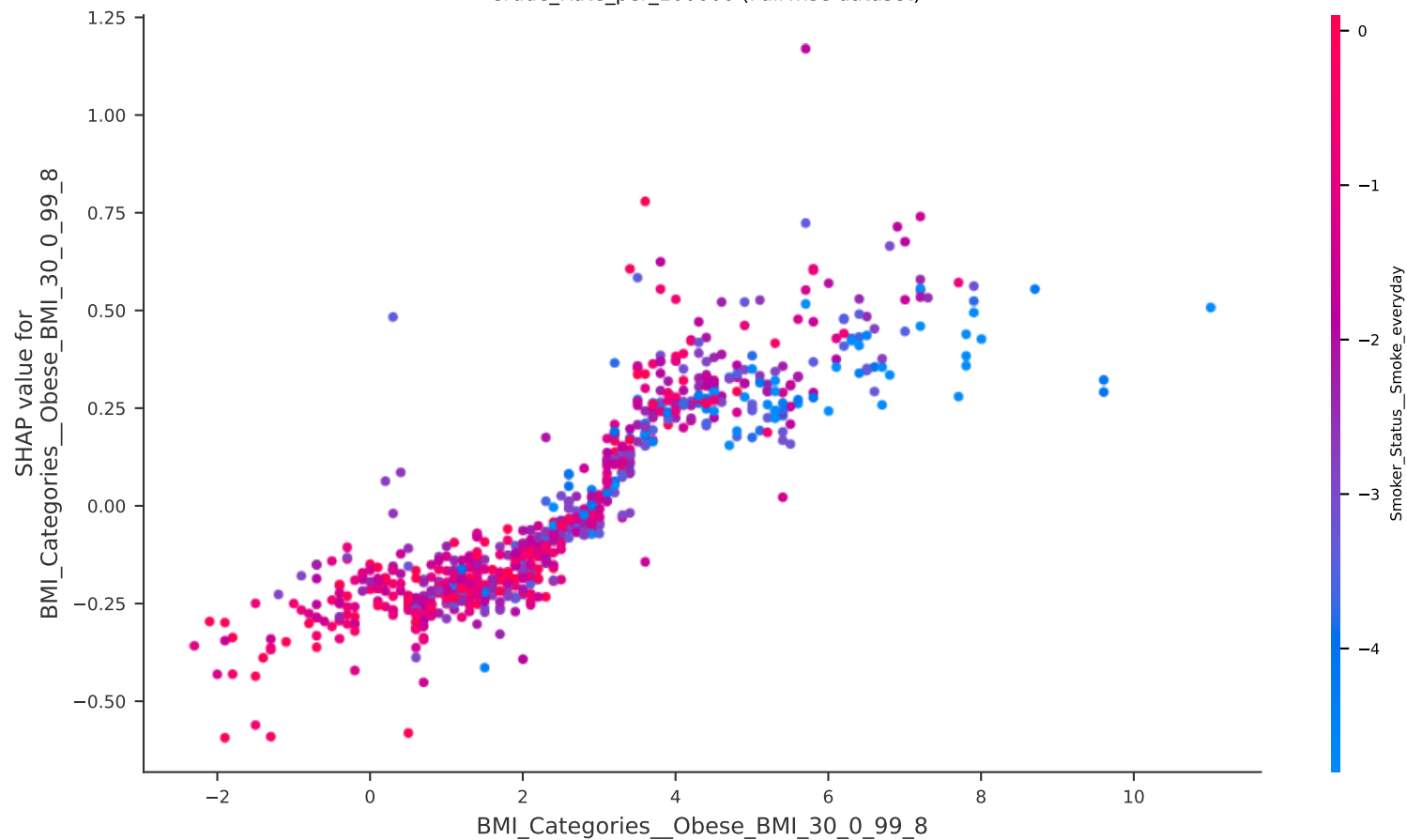


Each point is one observation. X-axis = feature value; Y-axis = SHAP value (positive pushes prediction up, negative pushes it down).
Points are colored by value of top interacting feature.



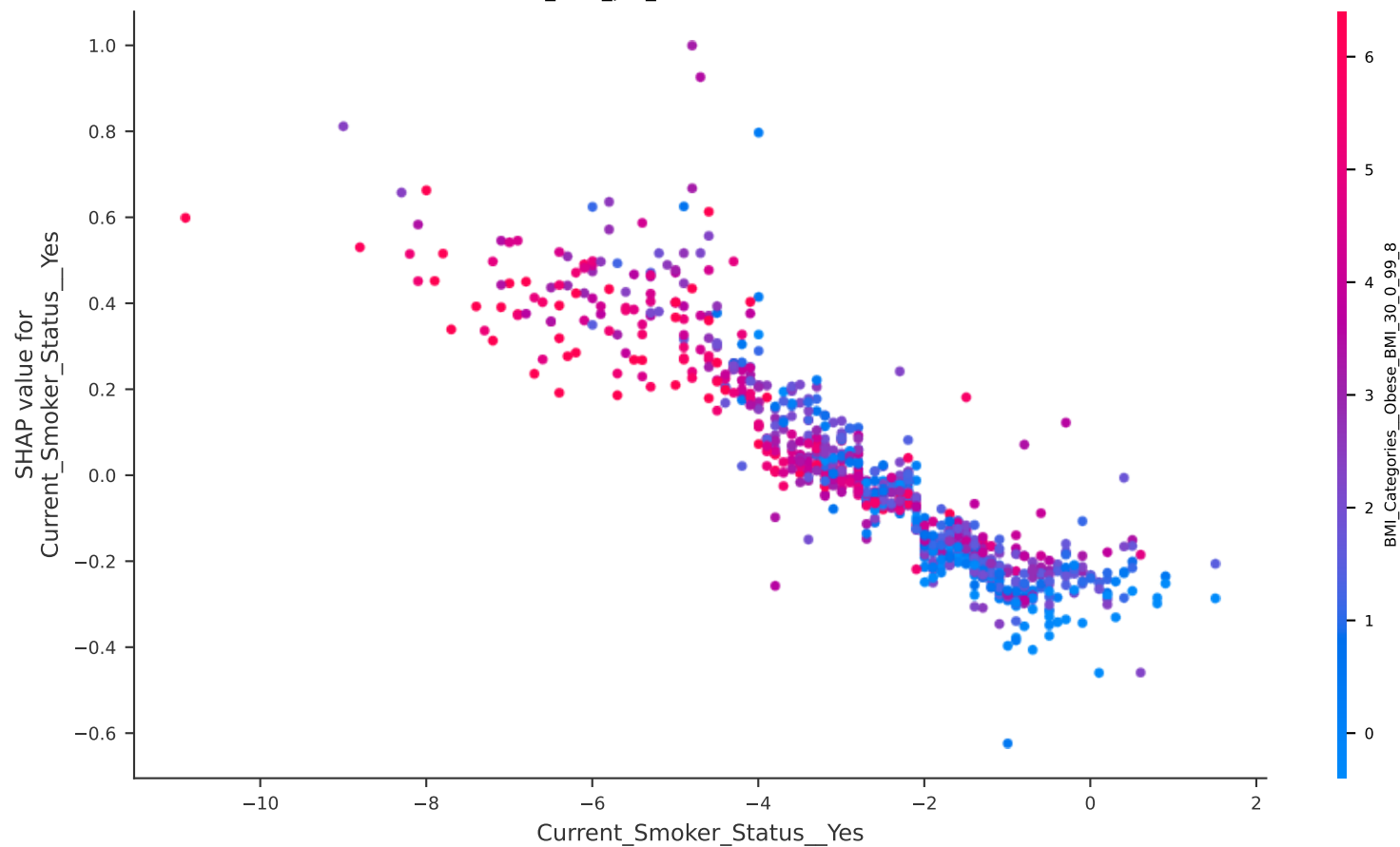
Each point is one observation. X-axis = feature value; Y-axis = SHAP value (positive pushes prediction up, negative pushes it down).
Points are colored by value of top interacting feature.

Dependence plot showing feature impact on
Crude_Rate_per_100000 (Pairwise dataset)



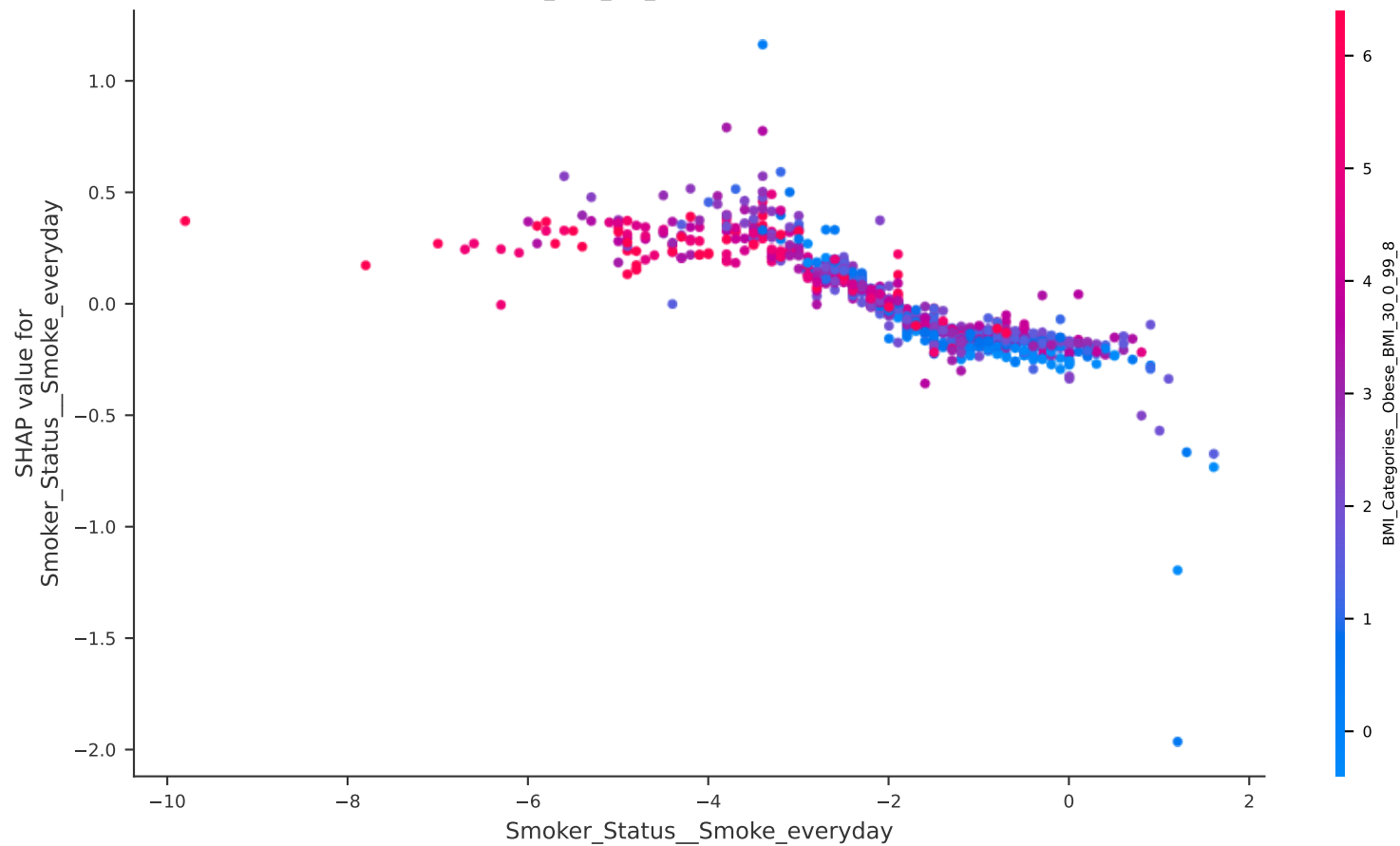
Each point is one observation. X-axis = feature value; Y-axis = SHAP value (positive pushes prediction up, negative pushes it down).
Points are colored by value of top interacting feature.

Dependence plot showing feature impact on
Crude_Rate_per_100000 (Pairwise dataset)



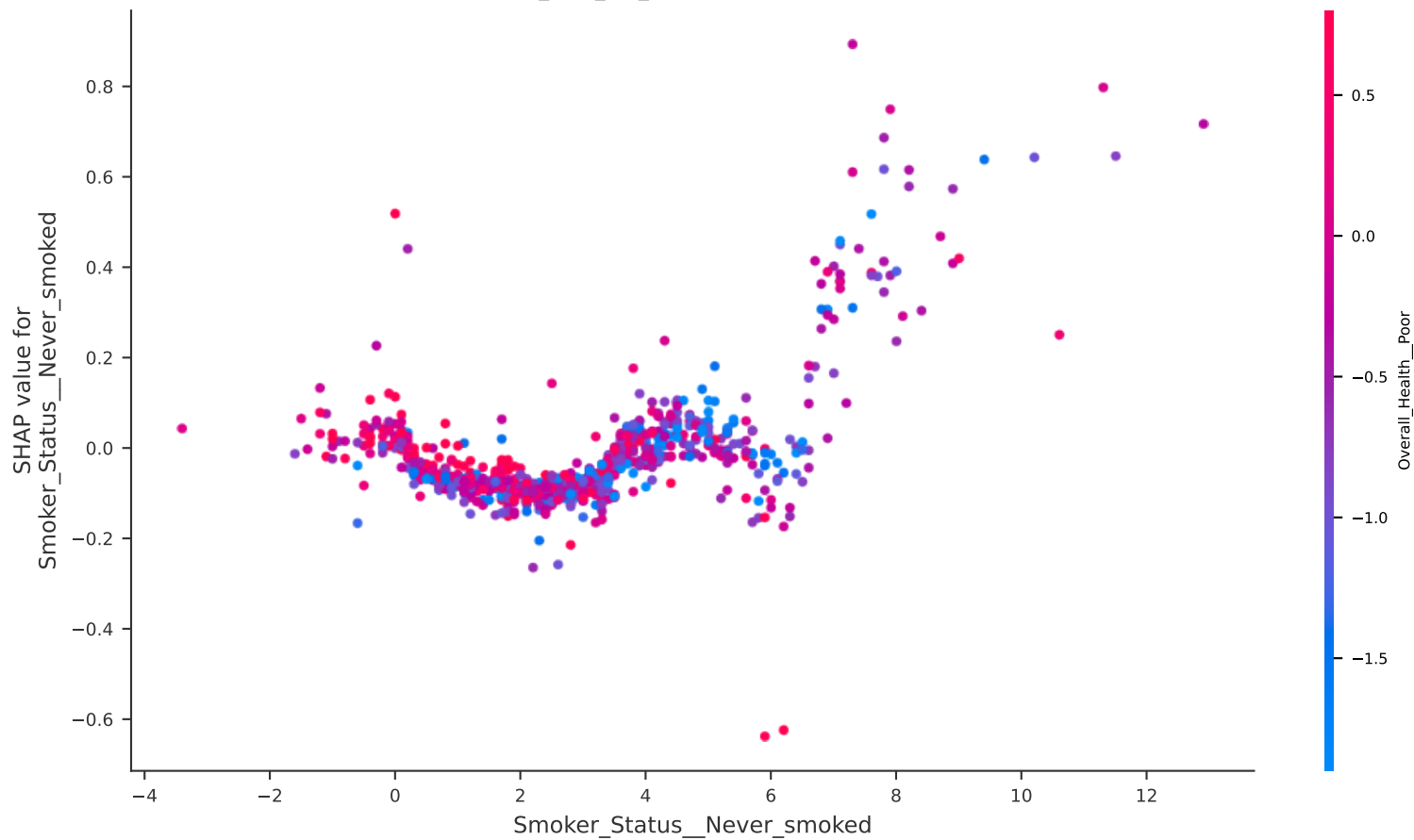
Each point is one observation. X-axis = feature value; Y-axis = SHAP value (positive pushes prediction up, negative pushes it down).
Points are colored by value of top interacting feature.

Dependence plot showing feature impact on
Crude_Rate_per_100000 (Pairwise dataset)



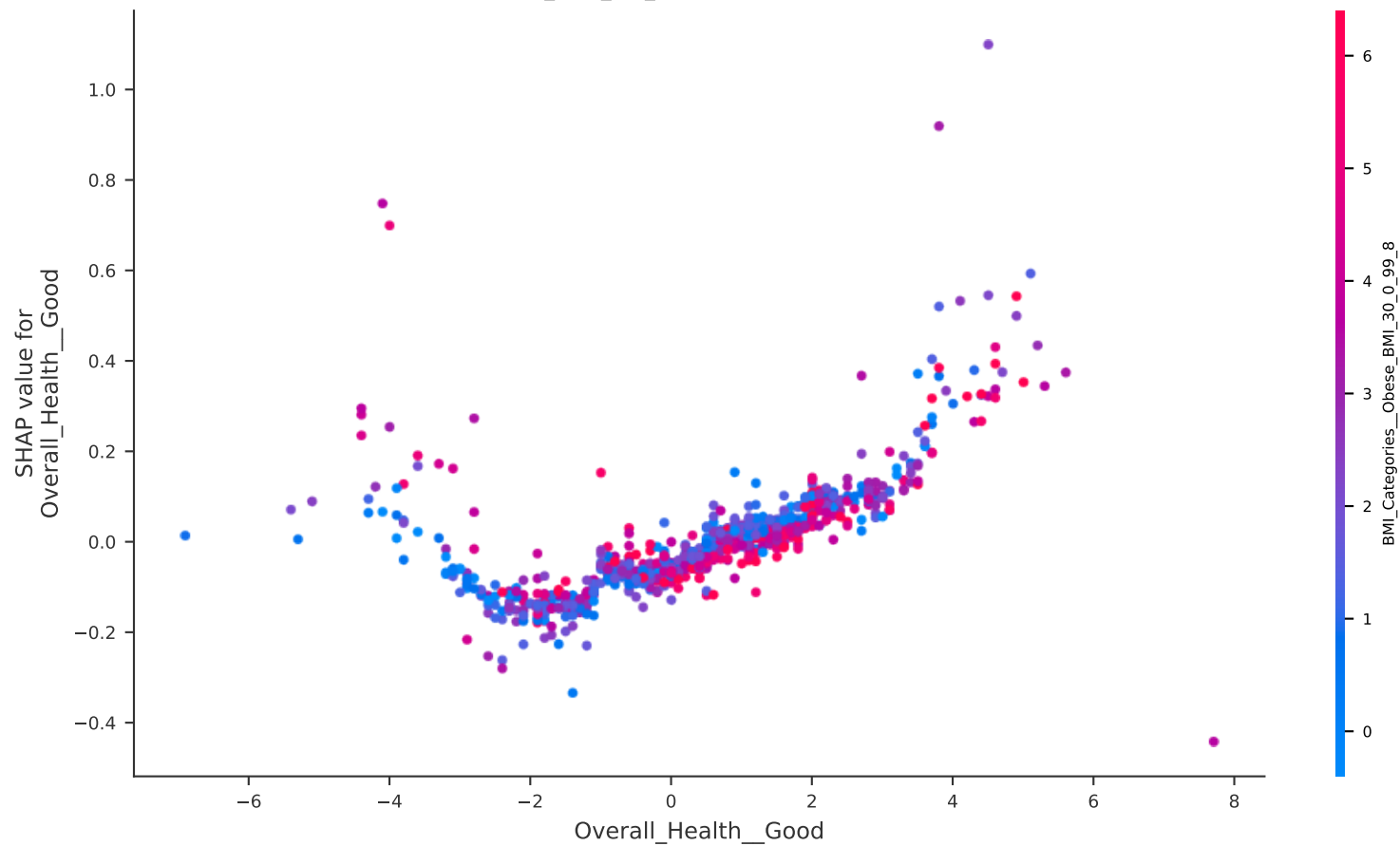
Each point is one observation. X-axis = feature value; Y-axis = SHAP value (positive pushes prediction up, negative pushes it down).
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Dependence plot showing feature impact on
Crude_Rate_per_100000 (Pairwise dataset)



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
Crude_Rate_per_100000 (Pairwise dataset)



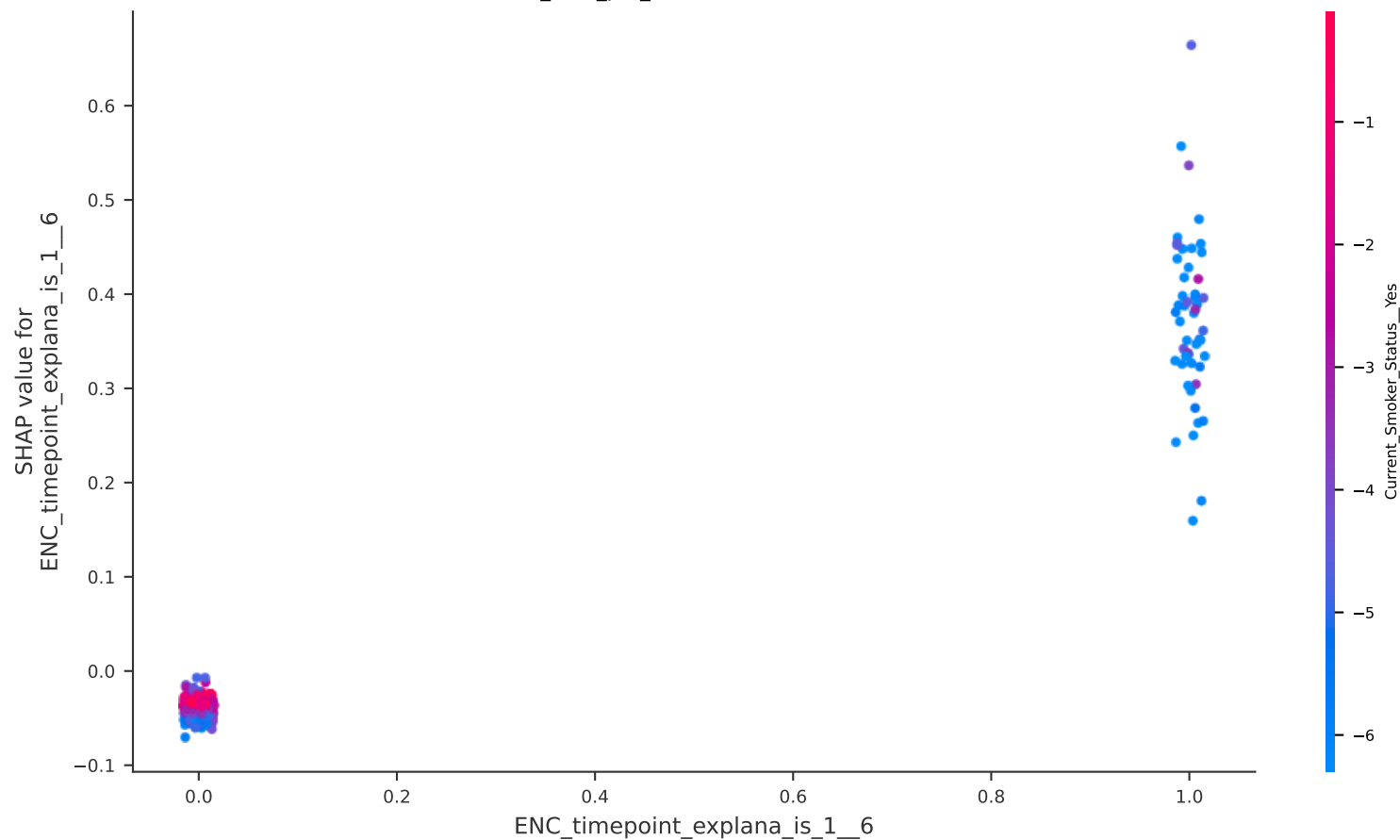
Each point is one observation. X-axis = feature value; Y-axis = SHAP value (positive pushes prediction up, negative pushes it down).
Points are colored by value of top interacting feature.

Dependence plot showing feature impact on
Crude_Rate_per_100000 (Pairwise dataset)

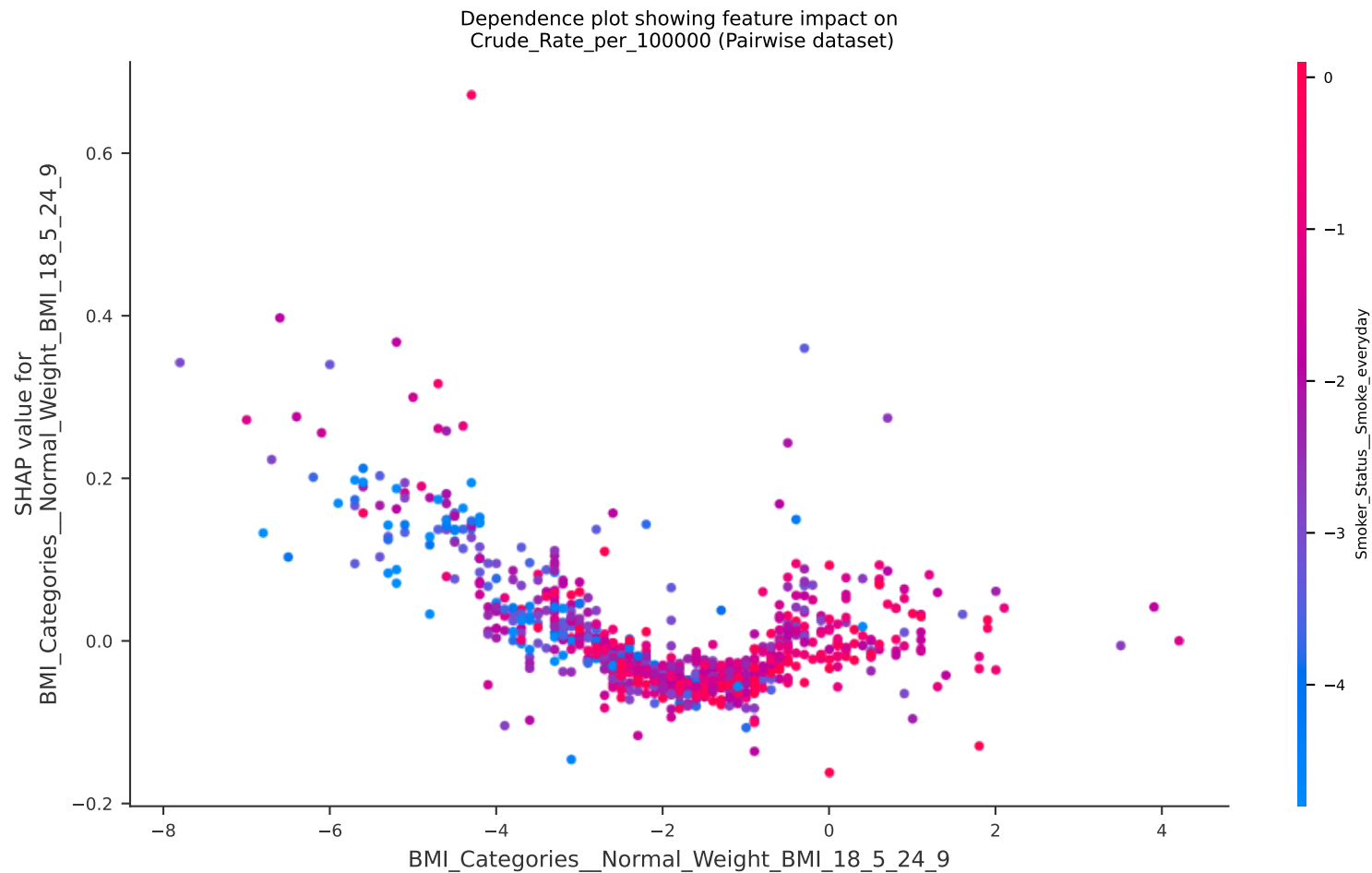


Each point is one observation. X-axis = feature value; Y-axis = SHAP value (positive pushes prediction up, negative pushes it down).
Points are colored by value of top interacting feature.

Dependence plot showing feature impact on
Crude_Rate_per_100000 (Pairwise dataset)

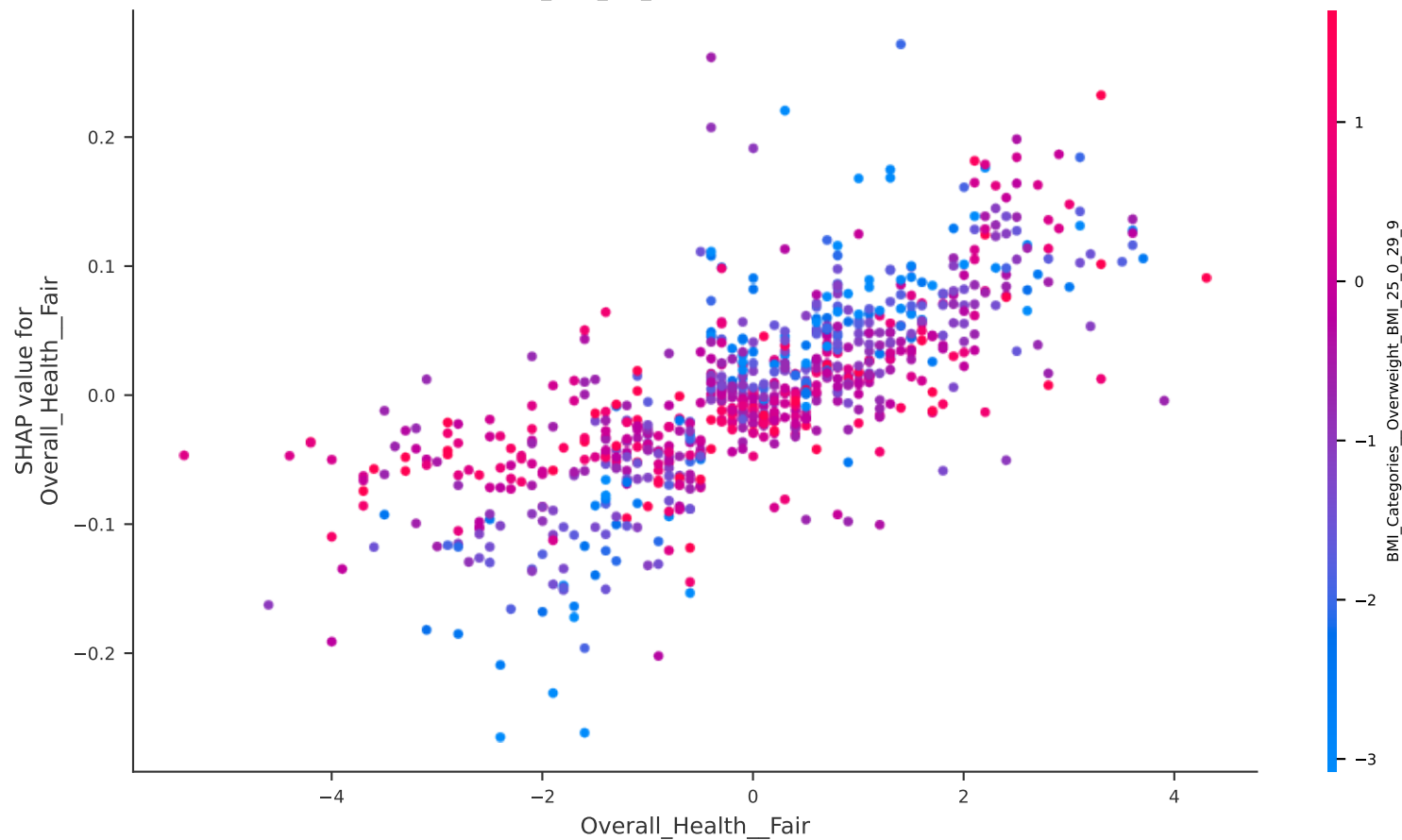


Each point is one observation. X-axis = feature value; Y-axis = SHAP value (positive pushes prediction up, negative pushes it down).
Points are colored by value of top interacting feature.



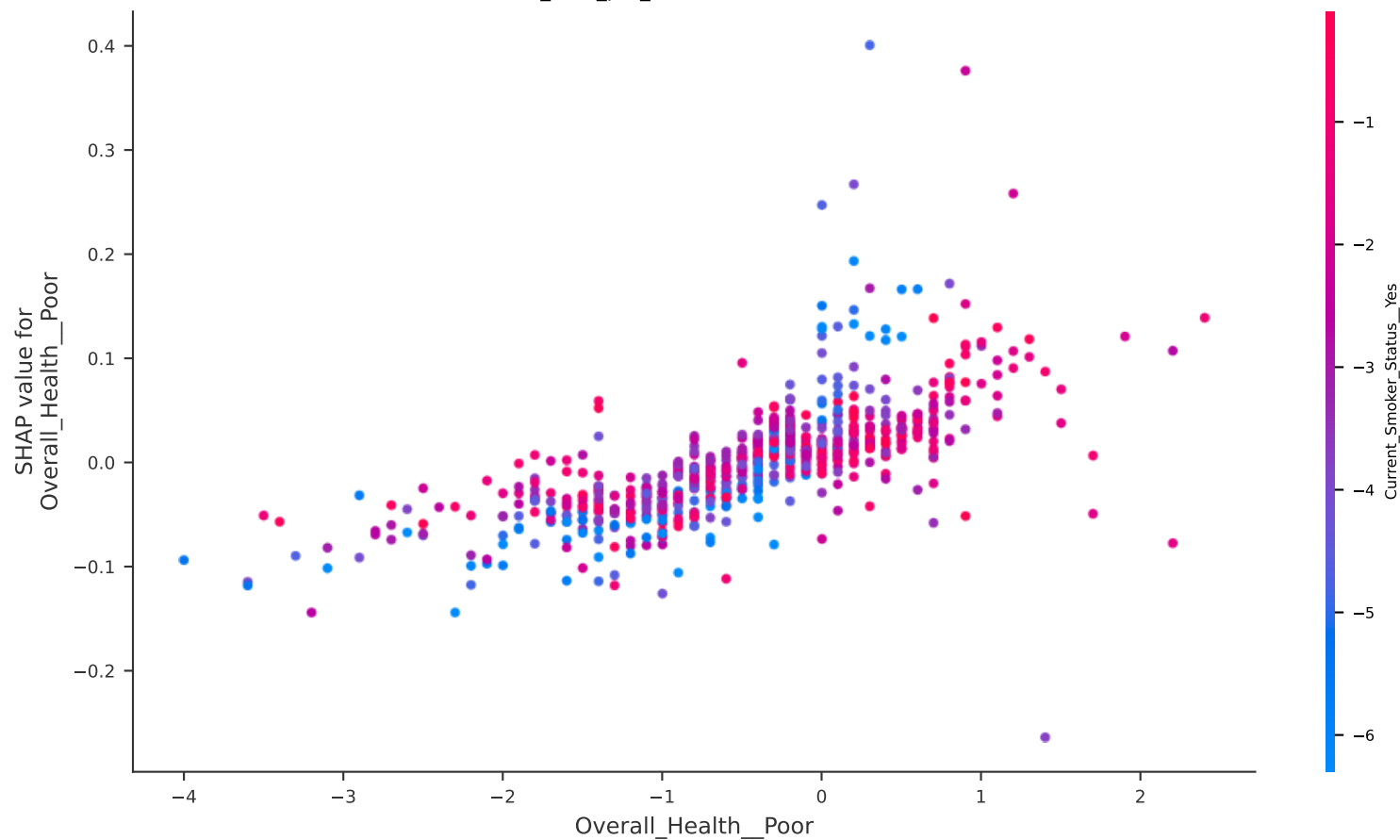
Each point is one observation. X-axis = feature value; Y-axis = SHAP value (positive pushes prediction up, negative pushes it down).
Points are colored by value of top interacting feature.

Dependence plot showing feature impact on
Crude_Rate_per_100000 (Pairwise dataset)

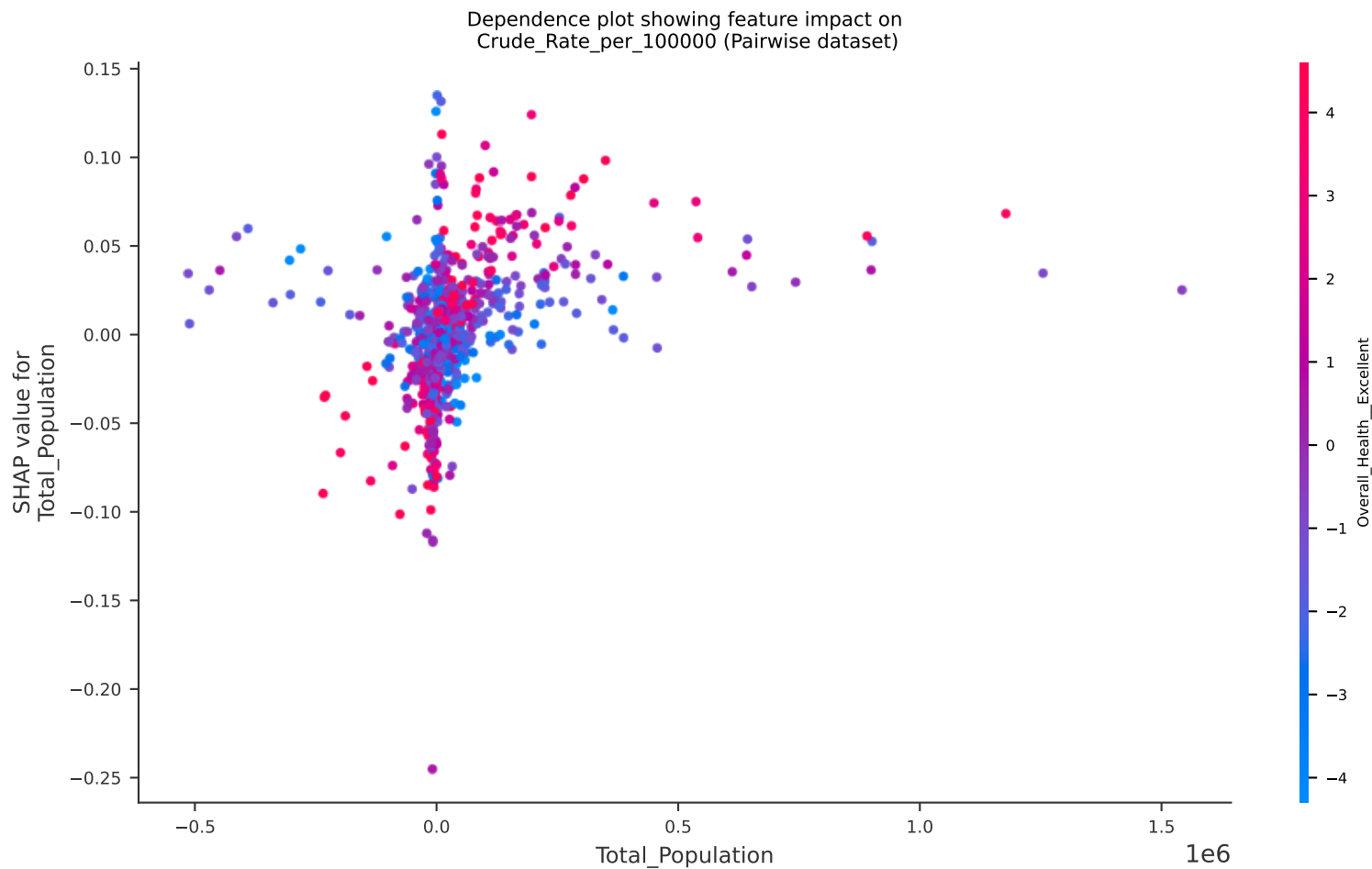


Each point is one observation. X-axis = feature value; Y-axis = SHAP value (positive pushes prediction up, negative pushes it down).
Points are colored by value of top interacting feature.

Dependence plot showing feature impact on
Crude_Rate_per_100000 (Pairwise 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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