HealthCopilot Model Report 2025-09-27_09-33

aucGlucose: MAE=105.63, R2=0.99

deltaGlucose: MAE=0.85, R2=1.00

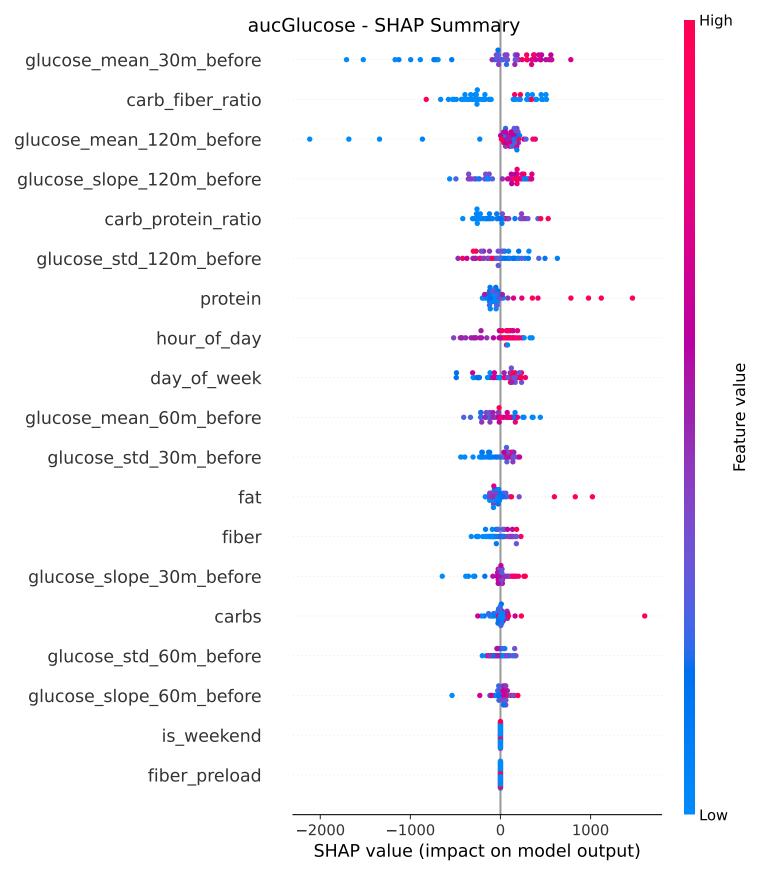
spike: ACC=1.000, F1=1.000

timeToPeak: MAE=2.46, R2=0.99

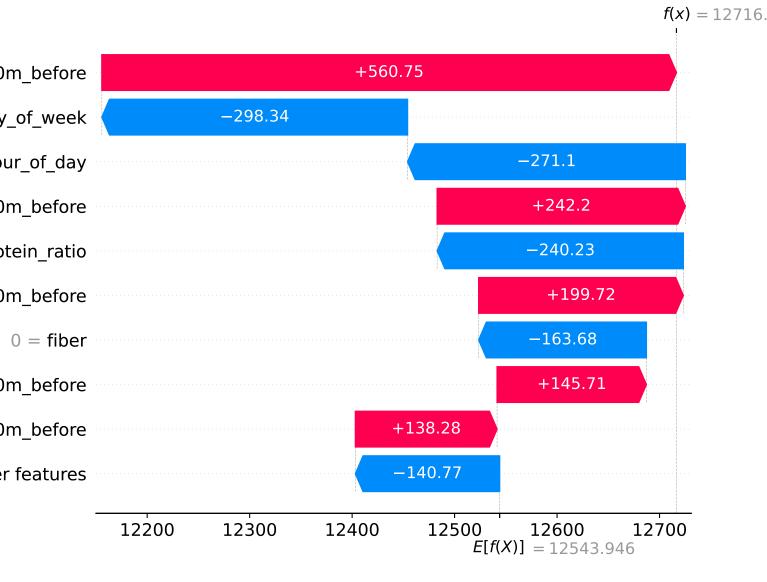
durationAboveBaseline: MAE=1.63, R2=1.00

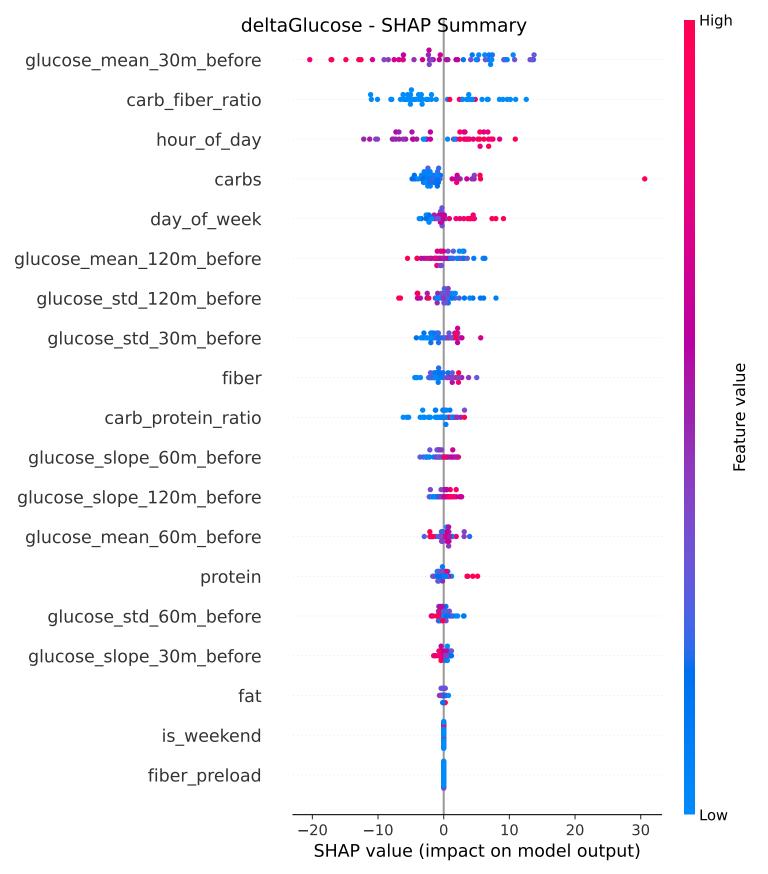
timeToReturnBaseline: MAE=0.16, R2=1.00

numFluctuations: MAE=0.33, R2=0.99

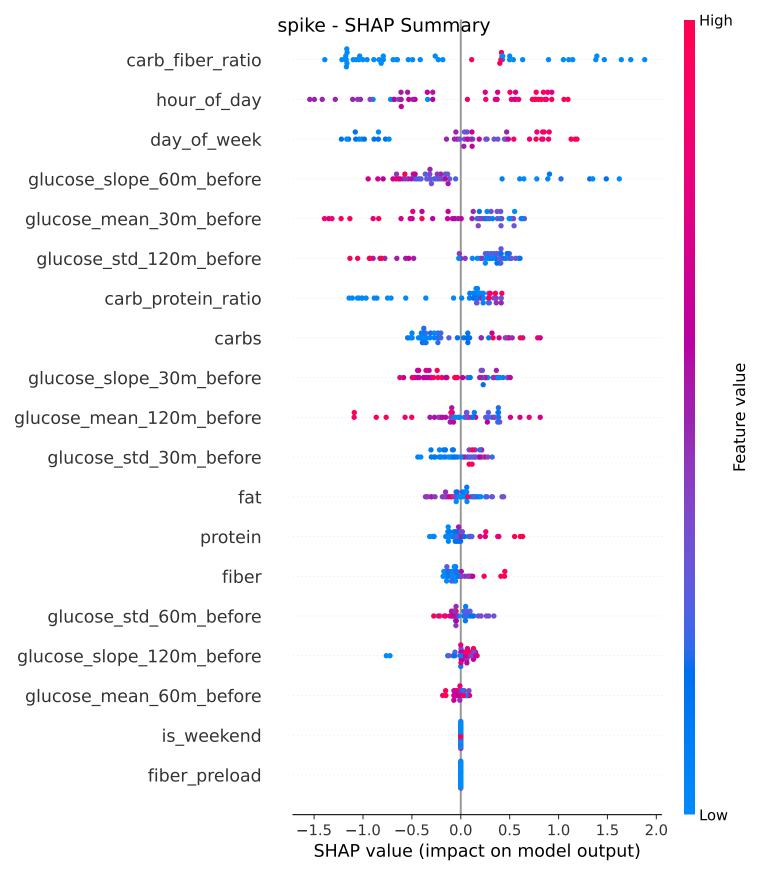


aucGlucose - SHAP Waterfall

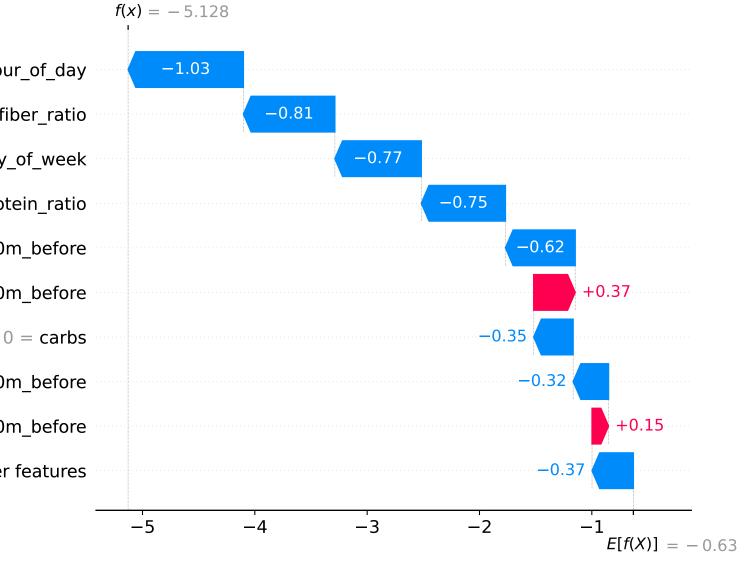


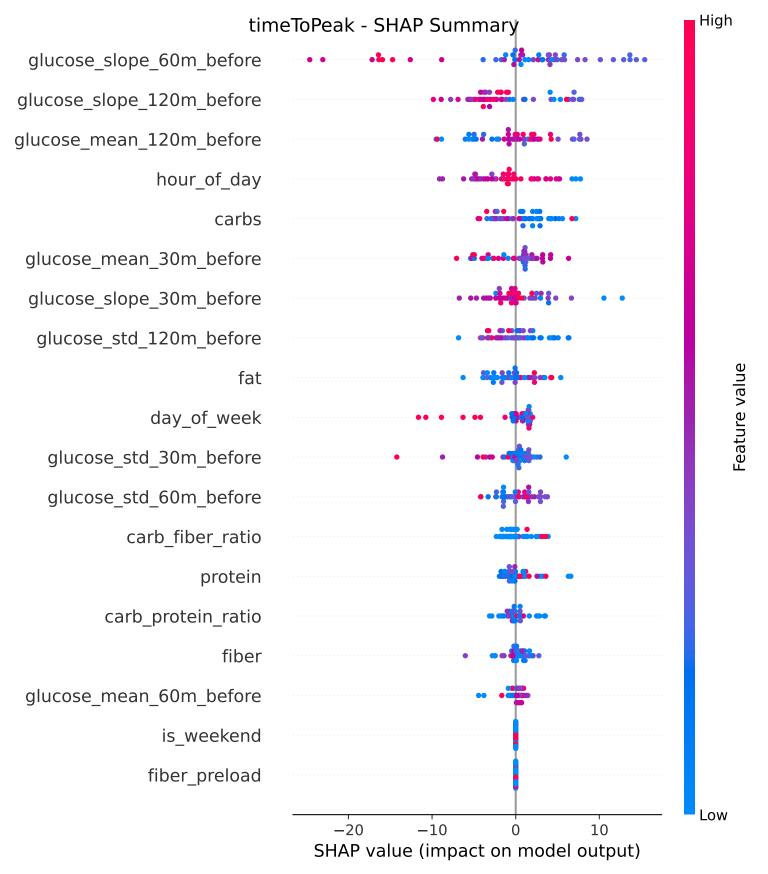


deltaGlucose - SHAP Waterfall f(x) = 6.814-6.82ur_of_day -6.16tein_ratio -4.49fiber_ratio 0 = fiber-4.41-2.2 0 = carbs-2.2 y_of_week -0.73m_before +0.45 m_before +0.39 m_before -0.25r features 10 15 20 25 30 35 E[f(X)] = 33.231

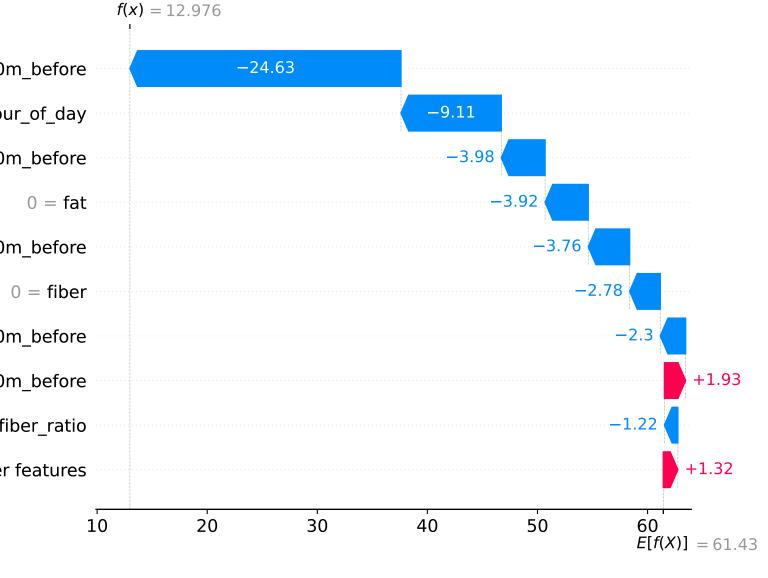


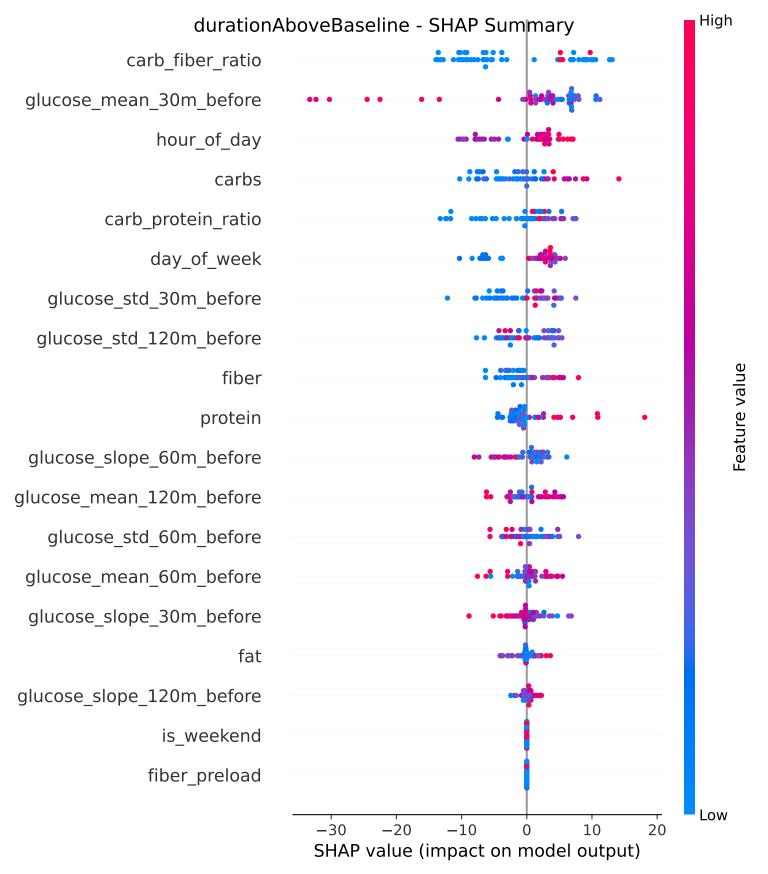
spike - SHAP Waterfall





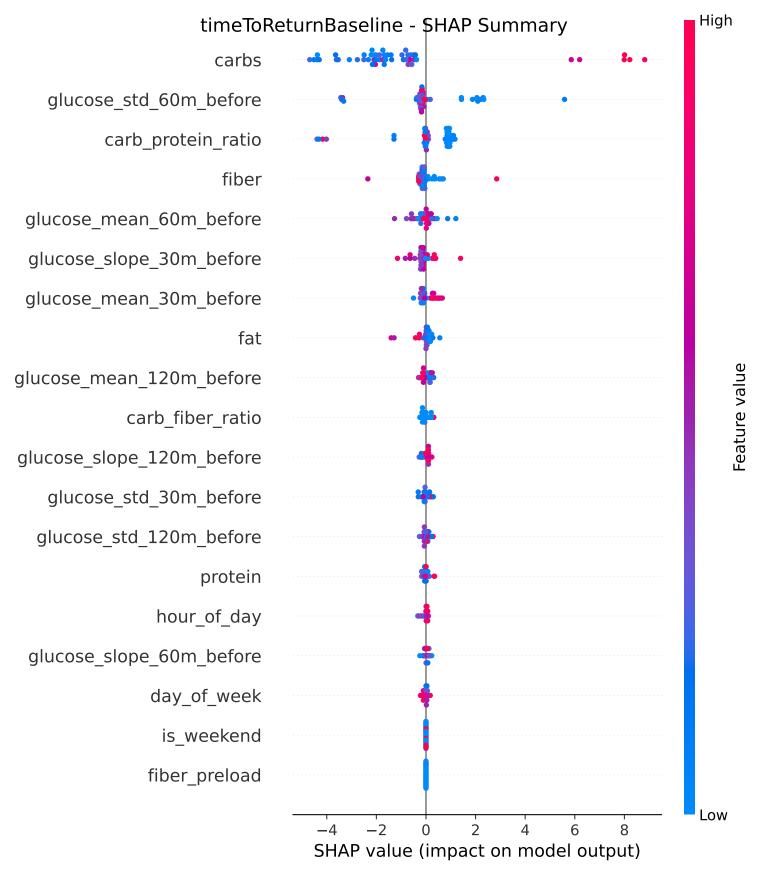
timeToPeak - SHAP Waterfall



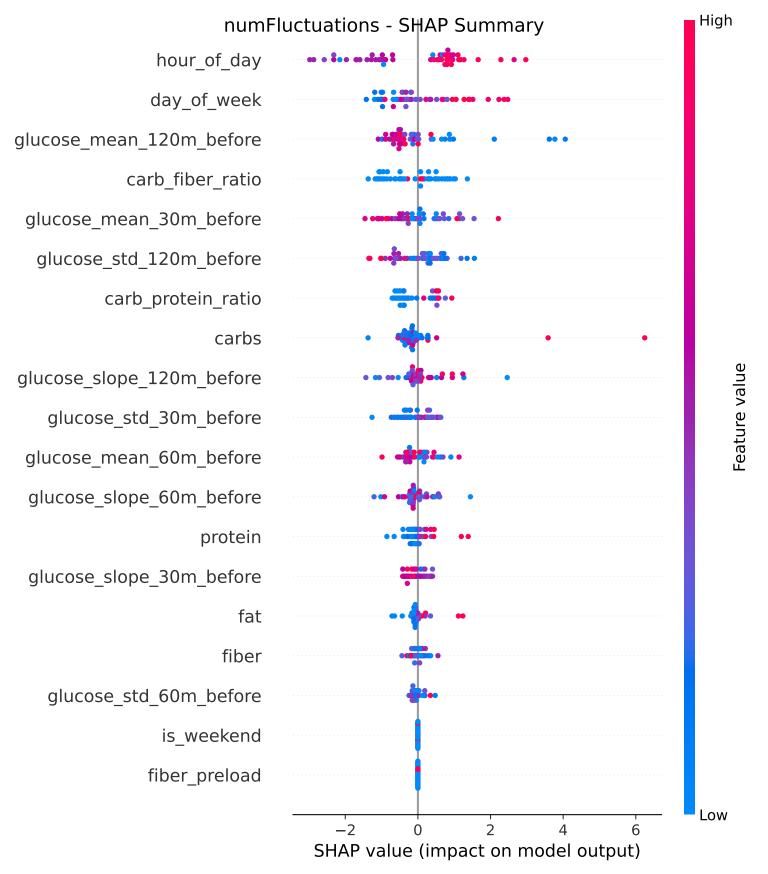


f(x) = 0.417-10.54our of day -9.11fiber_ratio -8.750 = carbs-8.45tein_ratio -6.330 = fiber-5.88y_of_week -4.13m_before +3.67 m_before -3.04m_before -0.78r features 20 40 50 0 10 30 E[f(X)] = 53.7

durationAboveBaseline - SHAP Waterfall



timeToReturnBaseline - SHAP Waterfall f(x) = 4.418-2.210 = carbs+0.97tein_ratio 0 = fiber+0.7+0.38 m_before +0.27m before +0.150 = fat+0.14m_before +0.13 m_before m_before +0.12 r features 4.5 5.0 6.0 6.5 7.0 4.0 5.5 E[f(X)] = 3.69



numFluctuations - SHAP Waterfall

