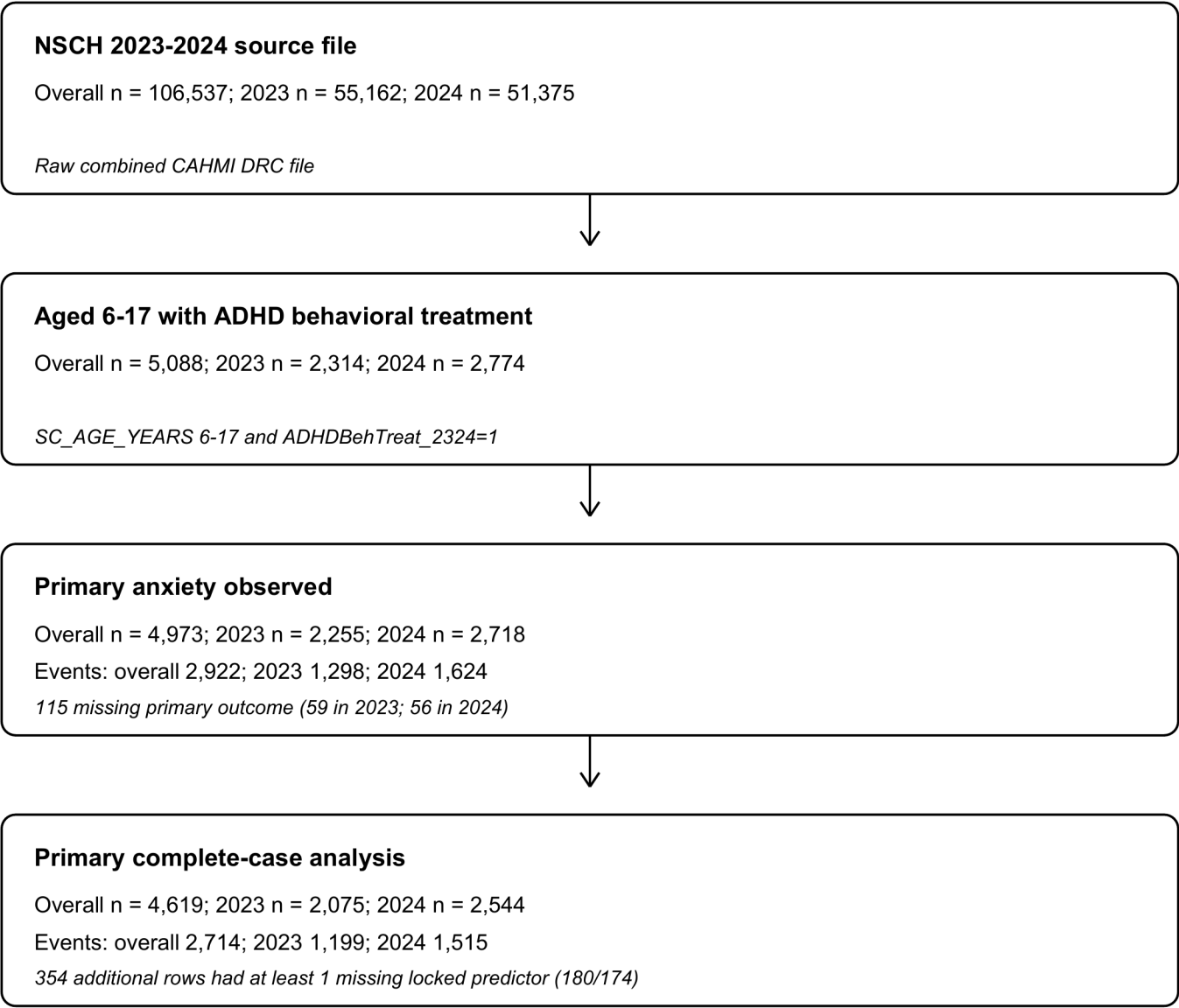


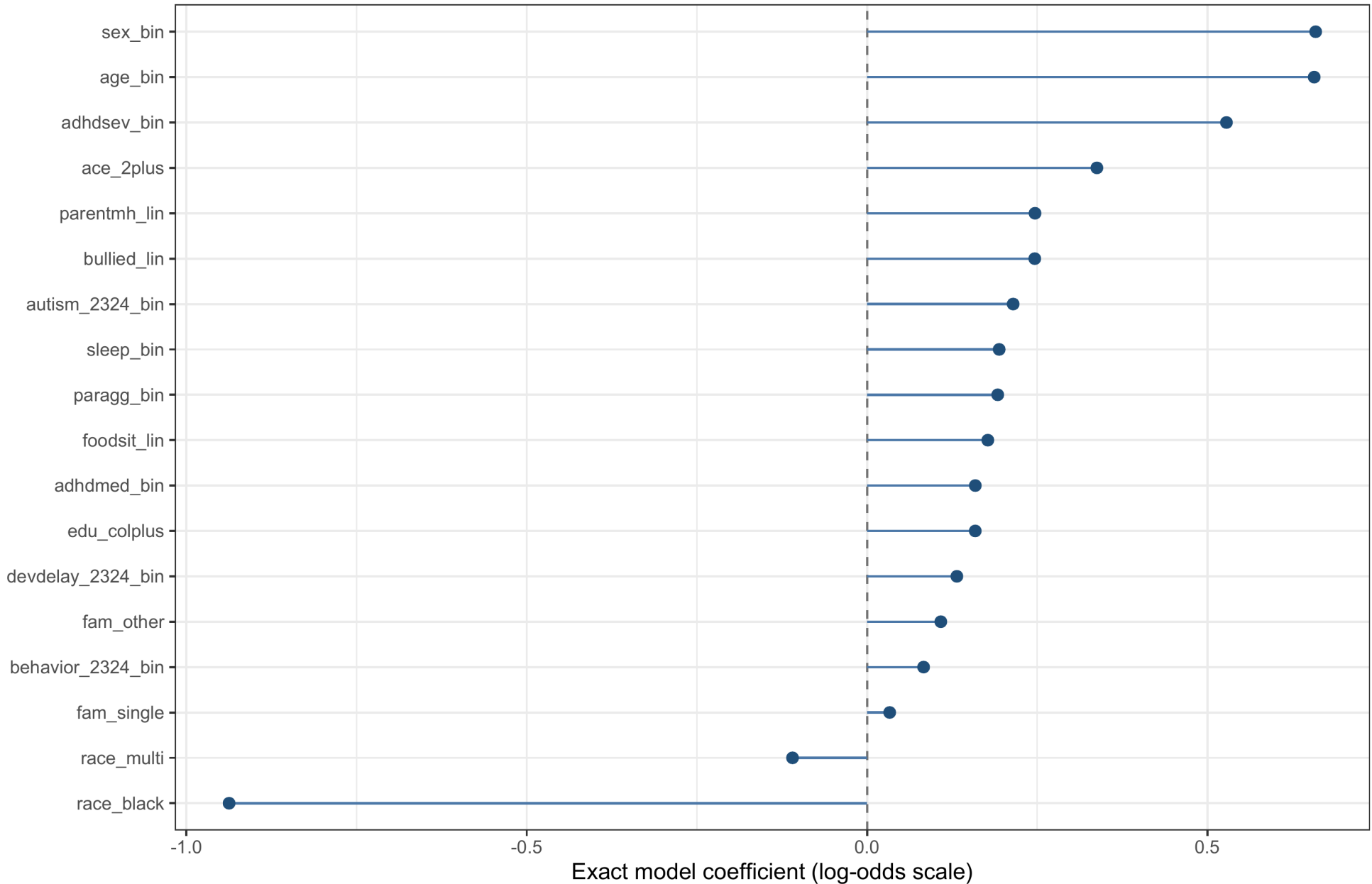
# Figure S1. Participant flow



# Exact penalized LASSO coefficients (2023 development)

Figure S2

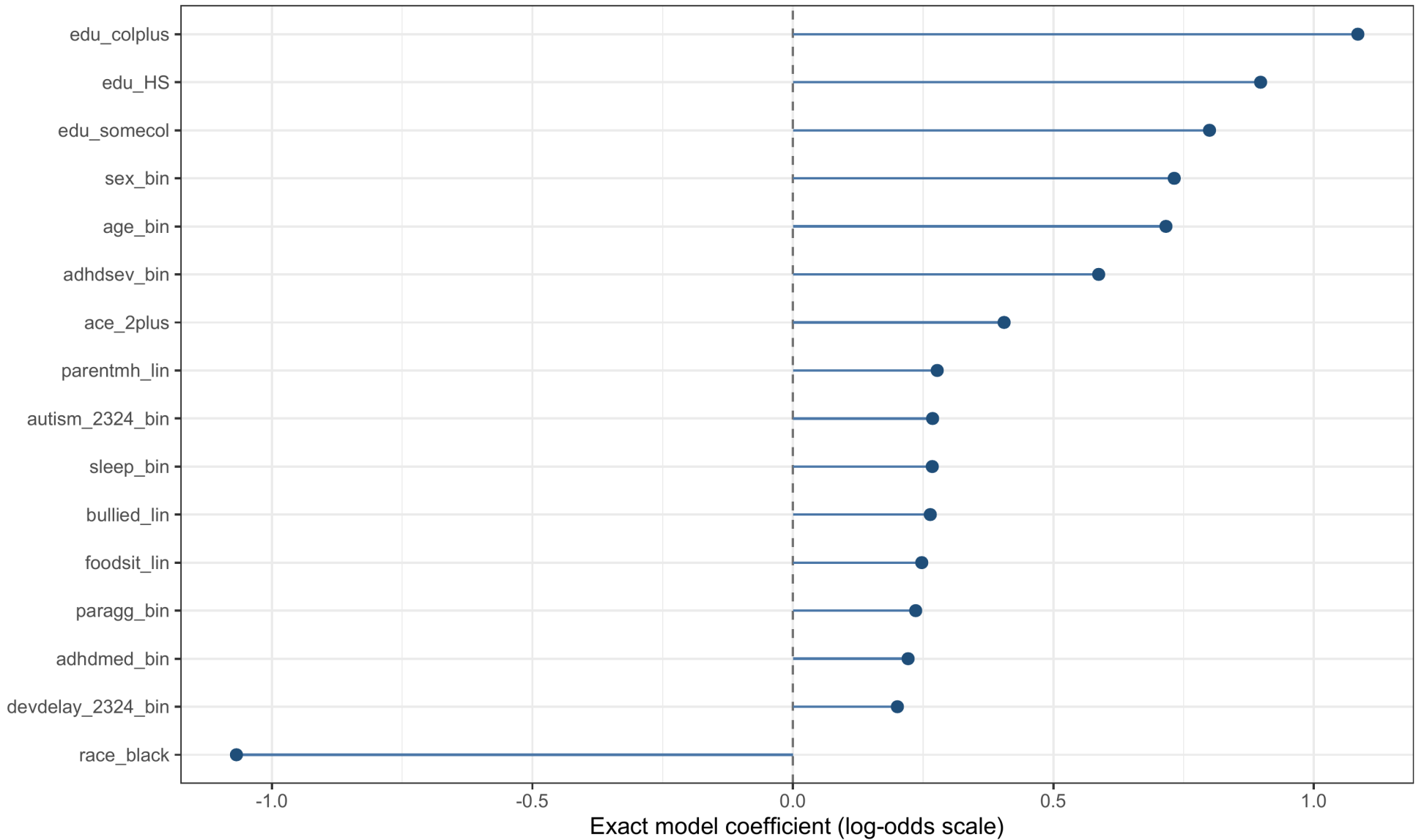
Coefficients are from the exact model used for 2024 predictions



# Exact stepwise logistic coefficients (2023 development)

Figure S3

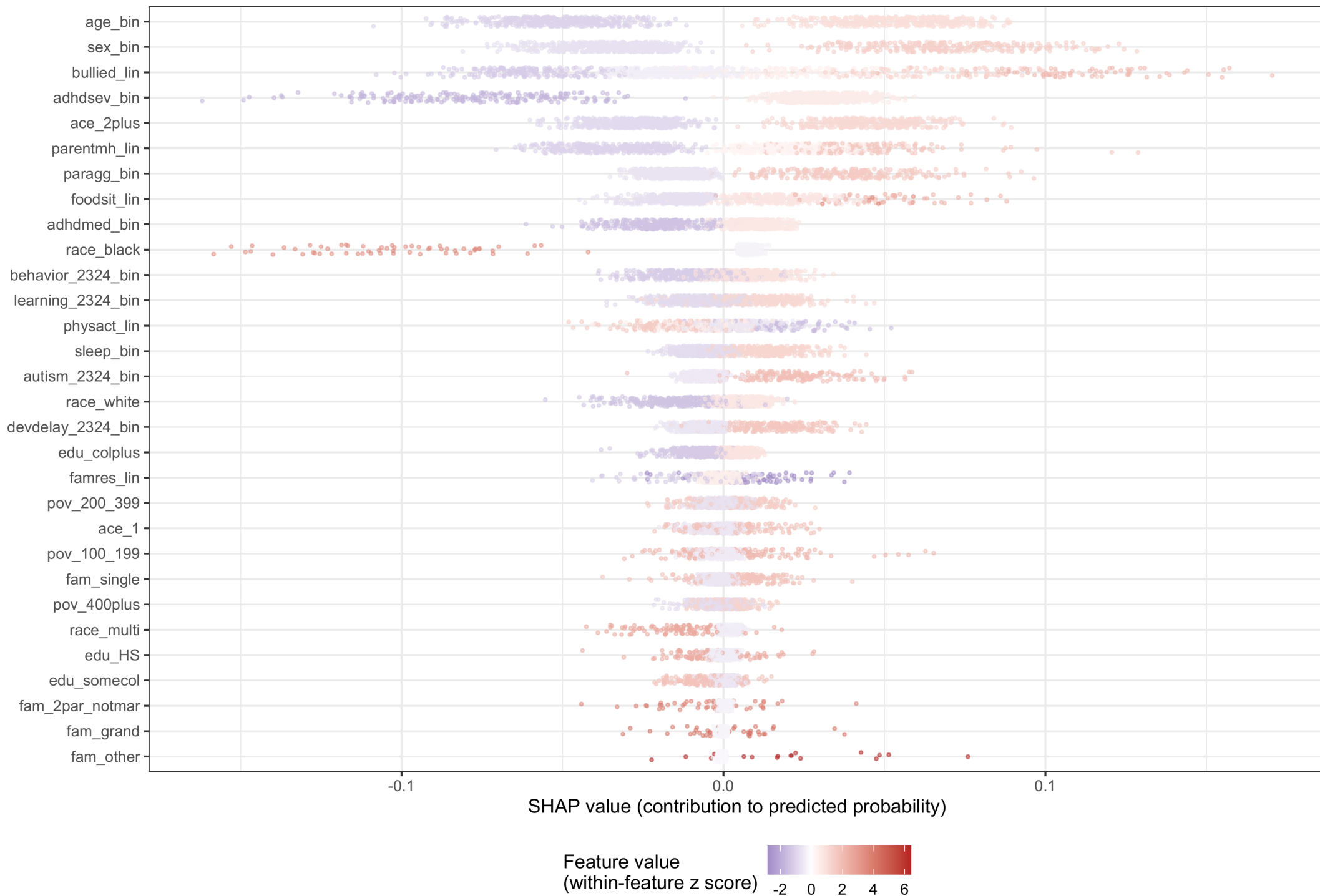
Coefficients are from the exact model used for 2024 predictions



# Random forest SHAP summary (2023 development)

Figure S4

Probability-scale additivity verified



# XGBoost SHAP summary (2023 development)

Figure S5

SHAP values are on the log-odds margin scale

