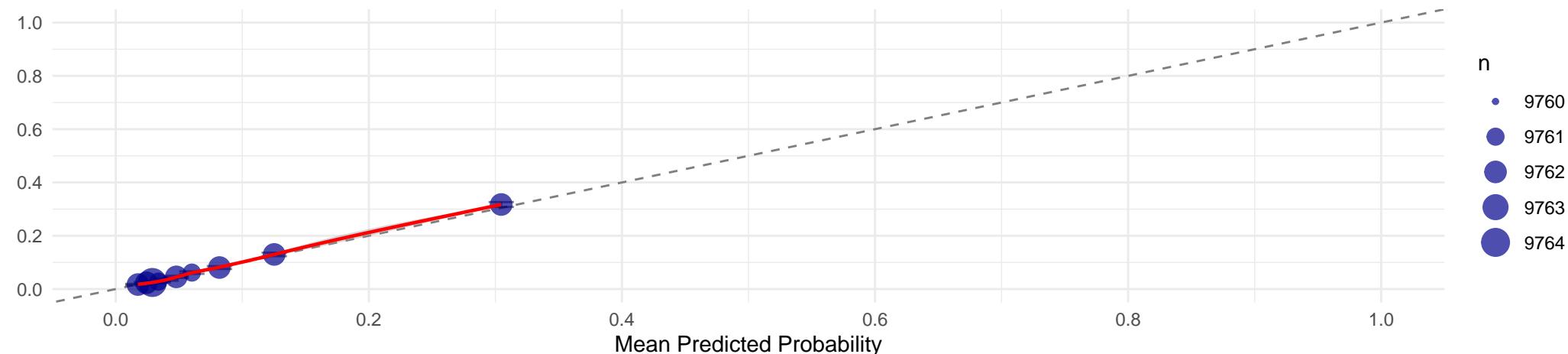


# Diagnostic Analysis – Logit

## Calibration Plot – Logit

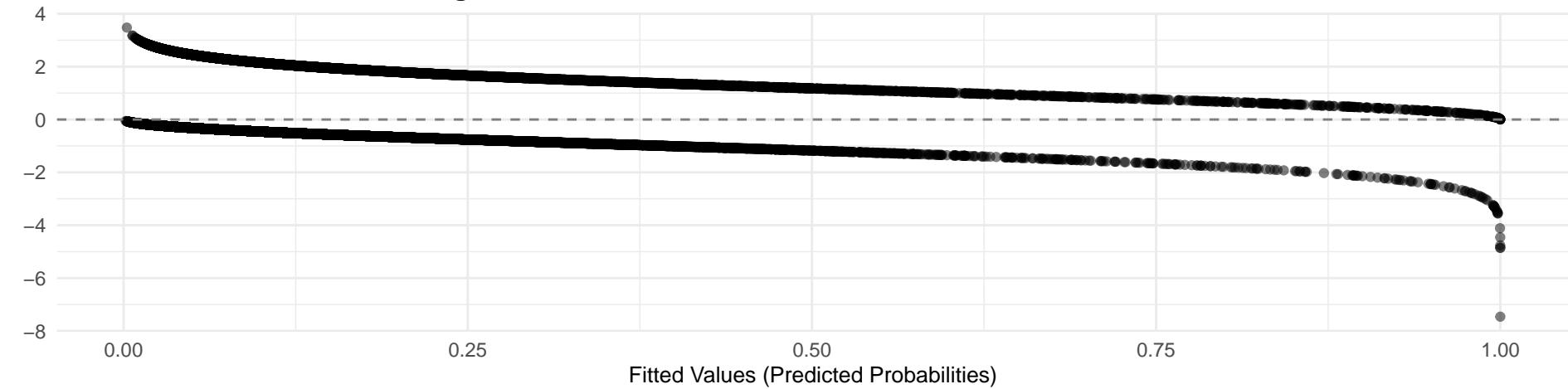
Hosmer–Lemeshow test:  $\chi^2 = 33.54$ , df = 8, p = 0.000

Observed Proportion



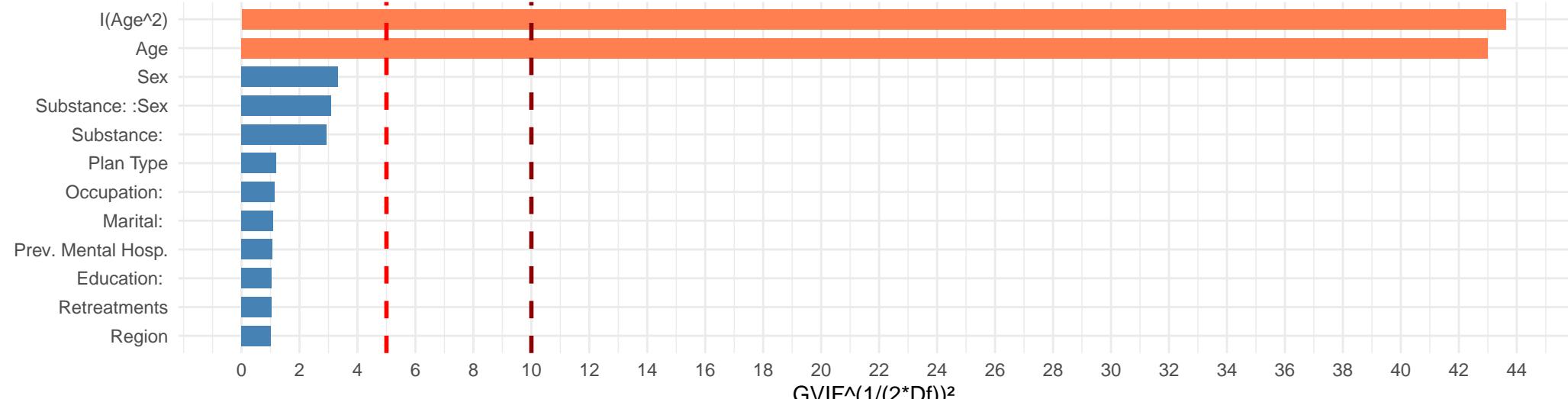
## Residuals vs Fitted Values – Logit

Deviance Residuals



## Multicollinearity Assessment (GVIF) – Logit

$GVIF^{(1/(2*Df))}$  squared values; Red lines at 5 and 10



■ GVIF < 5 ■ GVIF = 5