ESM Results 1. Additional statistical results - Assessment of model fit:

Type 2 v MODY logistic regression model:
The optimal Type 2 diabetes model provided a considerable decrease in Deviance compared with the null (Deviance difference =755.8 on 7df, p<0.0001). The model appeared to fit the data well with no evidence for lack of fit using the Hosmer-Lemeshow statistic (GOF_{HL} = 3.3 on 8df, p=0.9) and dispersion parameter (ϕ = 0.02). The probit link function provided no better fit for the model over the logit link.

Type 1 v MODY logistic regression model:
The best Type 1 v MODY model provided a considerable decrease in Deviance compared with the null (Deviance difference =343.52 on 5df, p<0.0001). The model appeared to fit the data well with no evidence for lack of fit using the Hosmer-Lemeshow statistic (GOF_{HL} = 12.7 on 8df, p=0.12) and dispersion parameter (ϕ = 0.8). The probit link function provided no better fit for the model over the logit link.