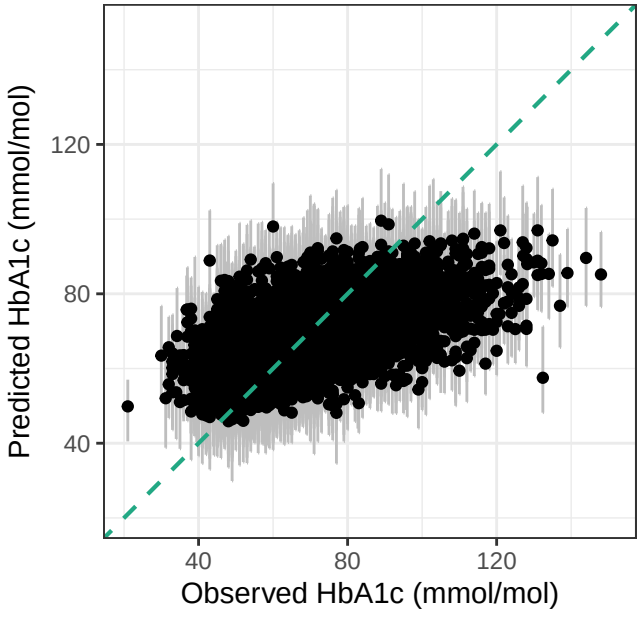
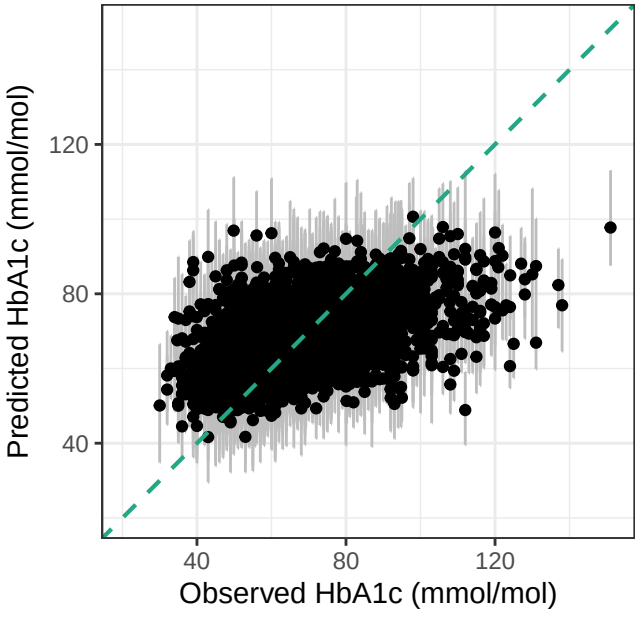
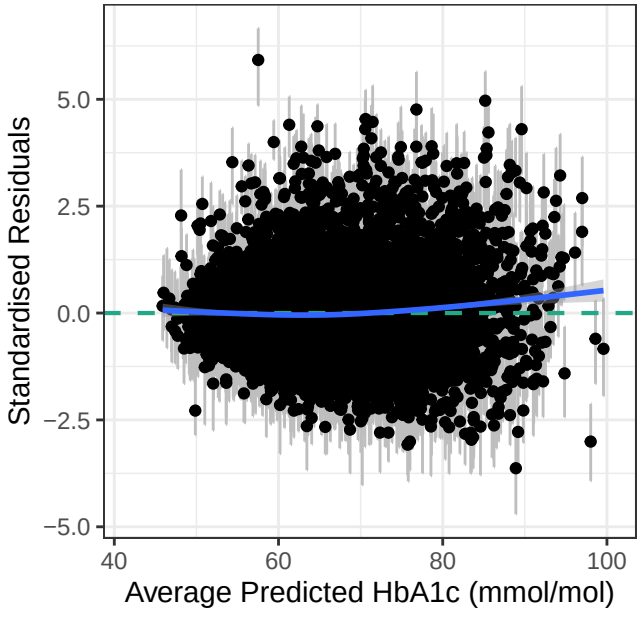
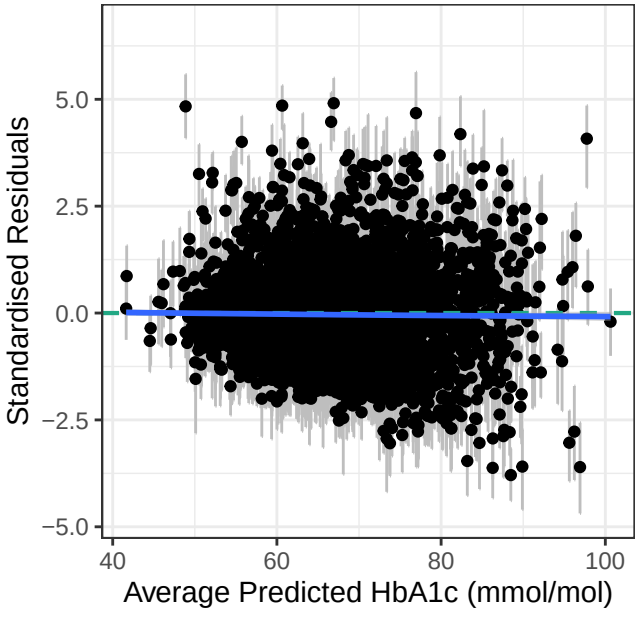
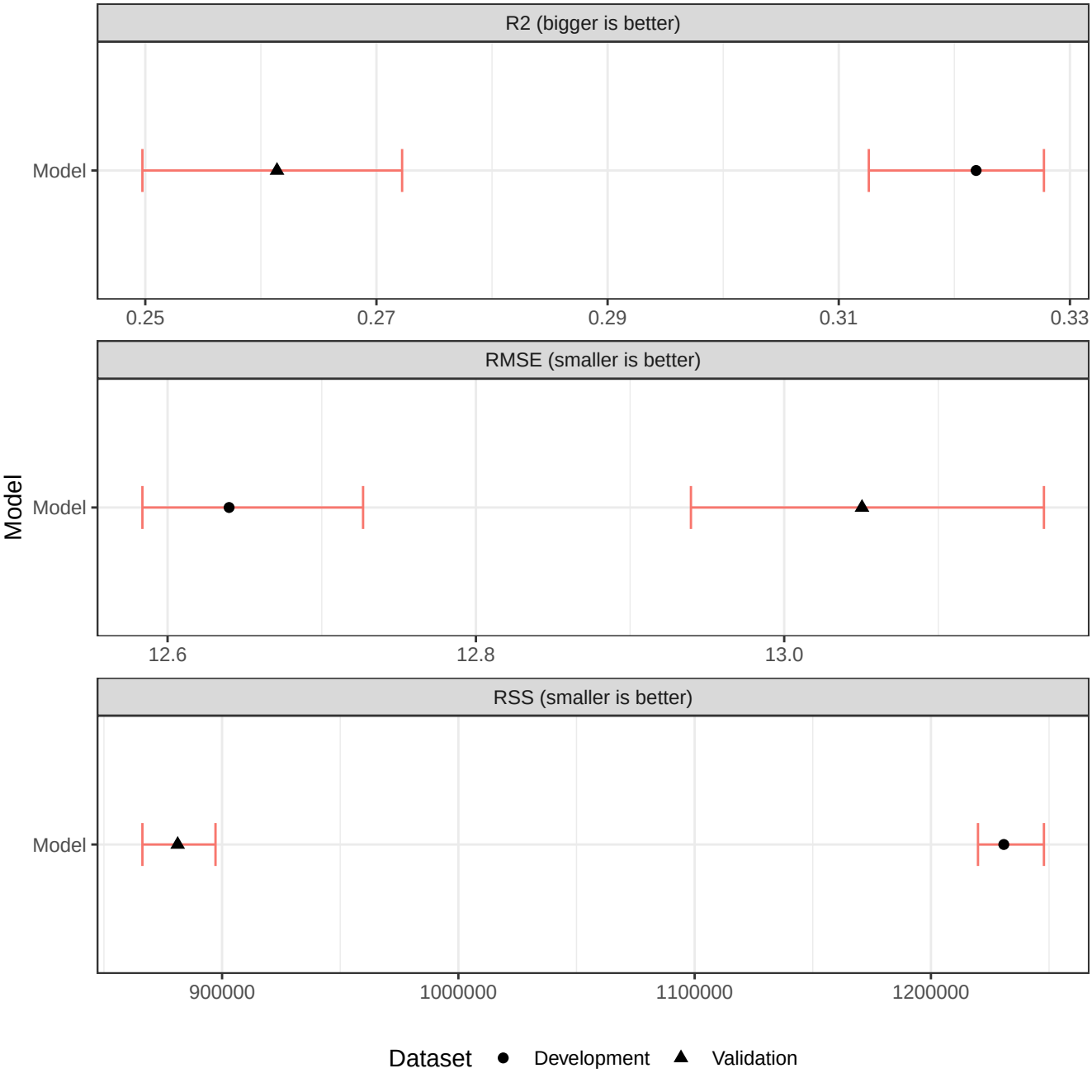
Residuals of Model 4 (Post 2012)

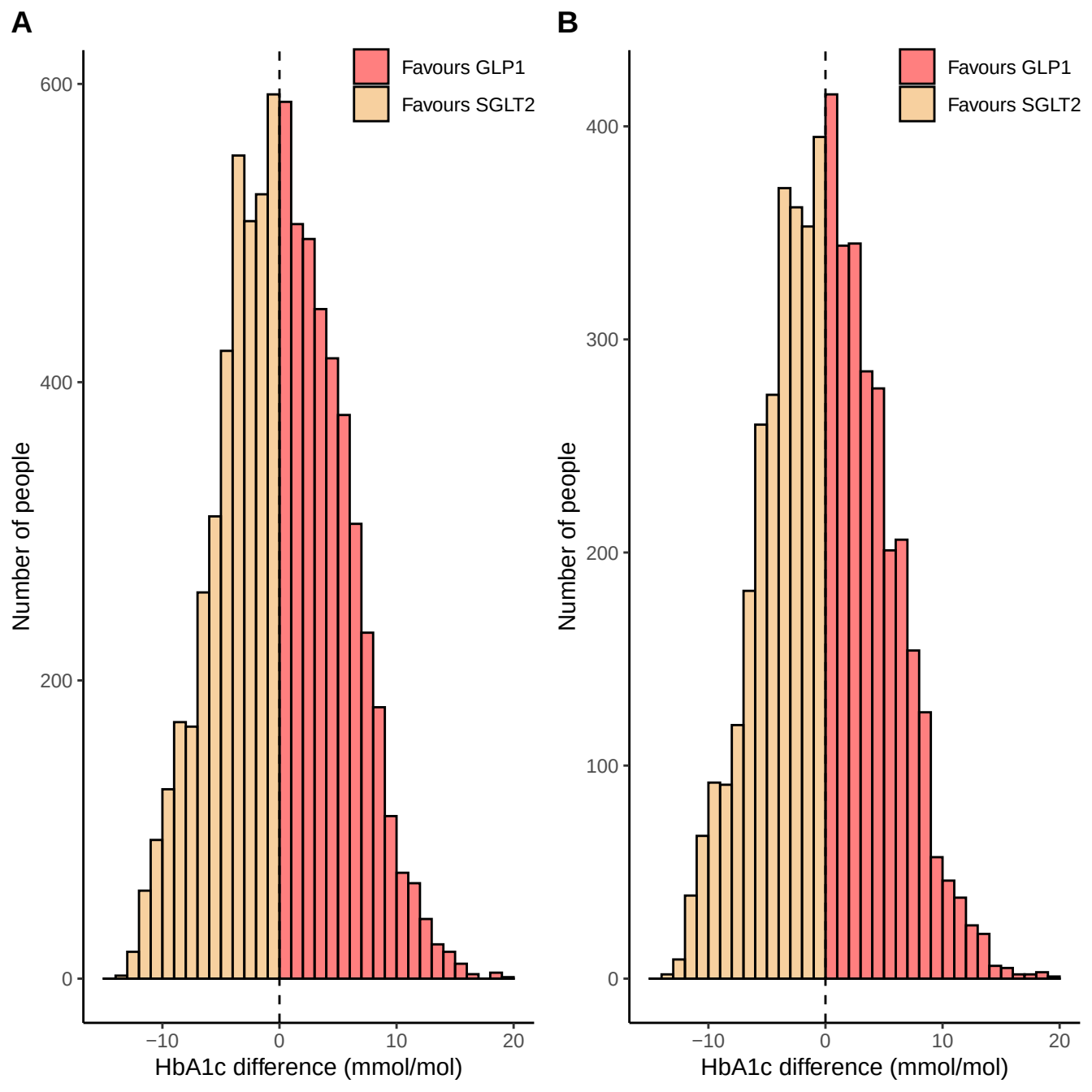


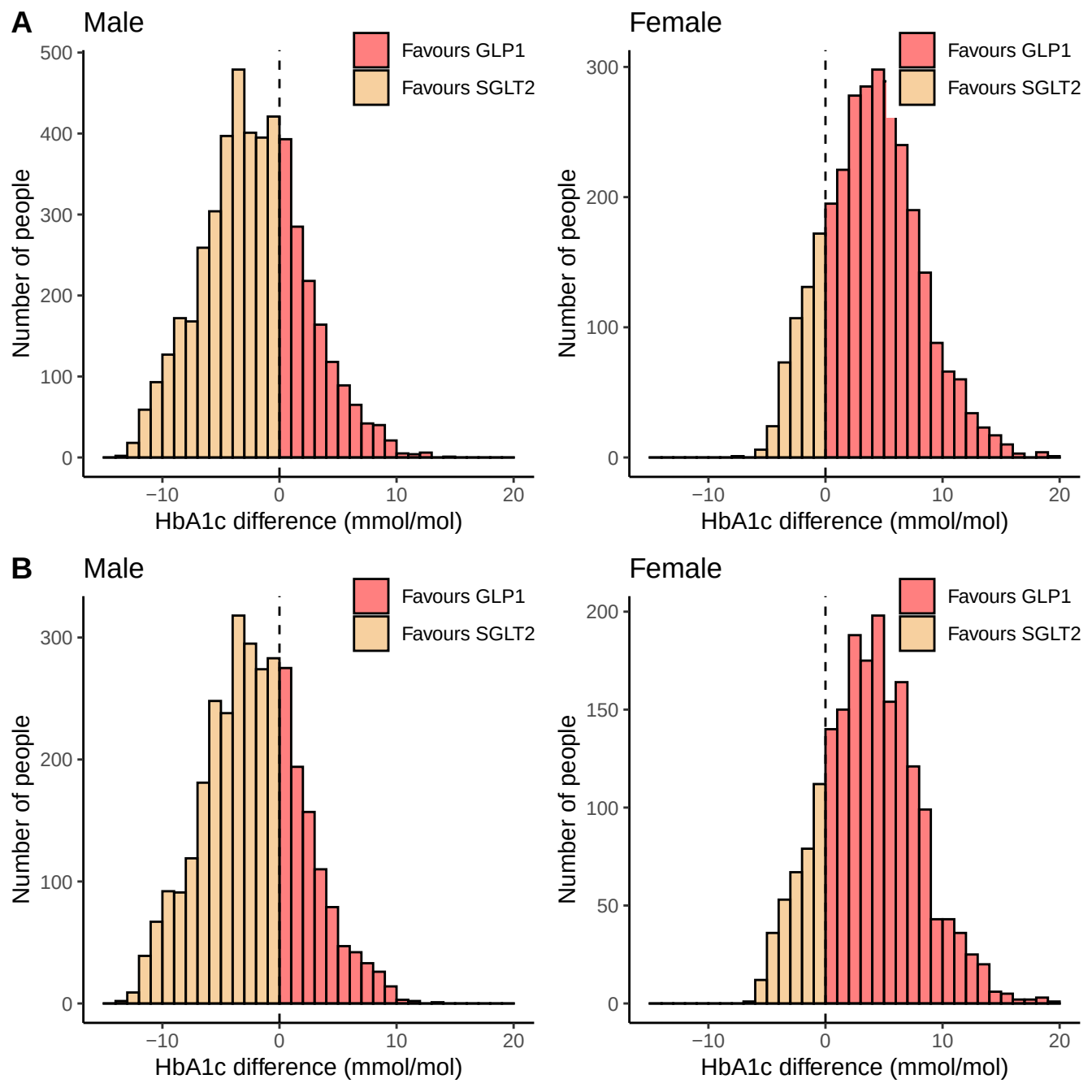


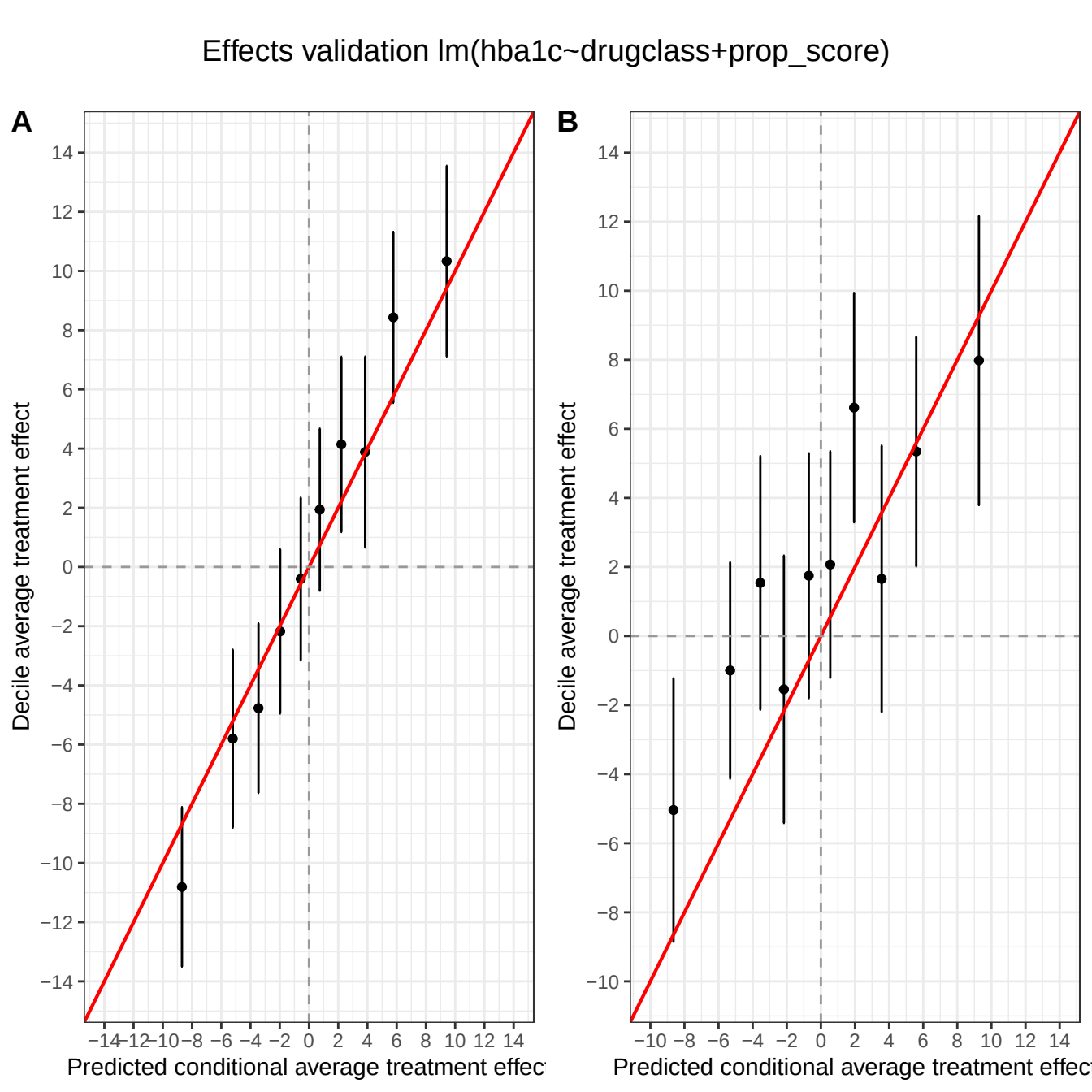




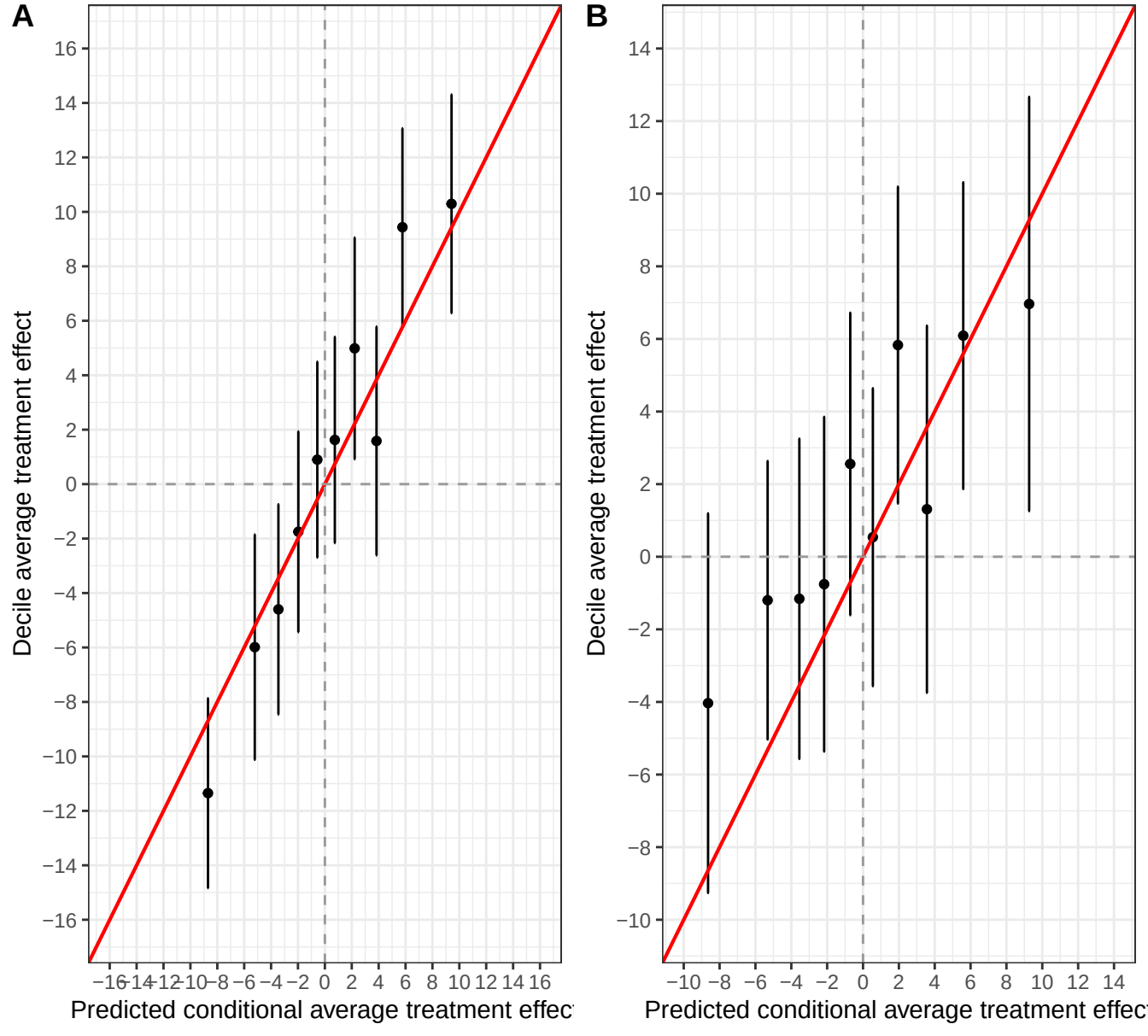

R2 (bigger is better)
Model
0.25
0.27
0.29
0.31
0.33
RMSE (smaller is better)
Model
12.6
12.8
13.0
RSS (smaller is better)
Model
900000
1000000
1100000
1200000
Model
Dataset
Development
Validation

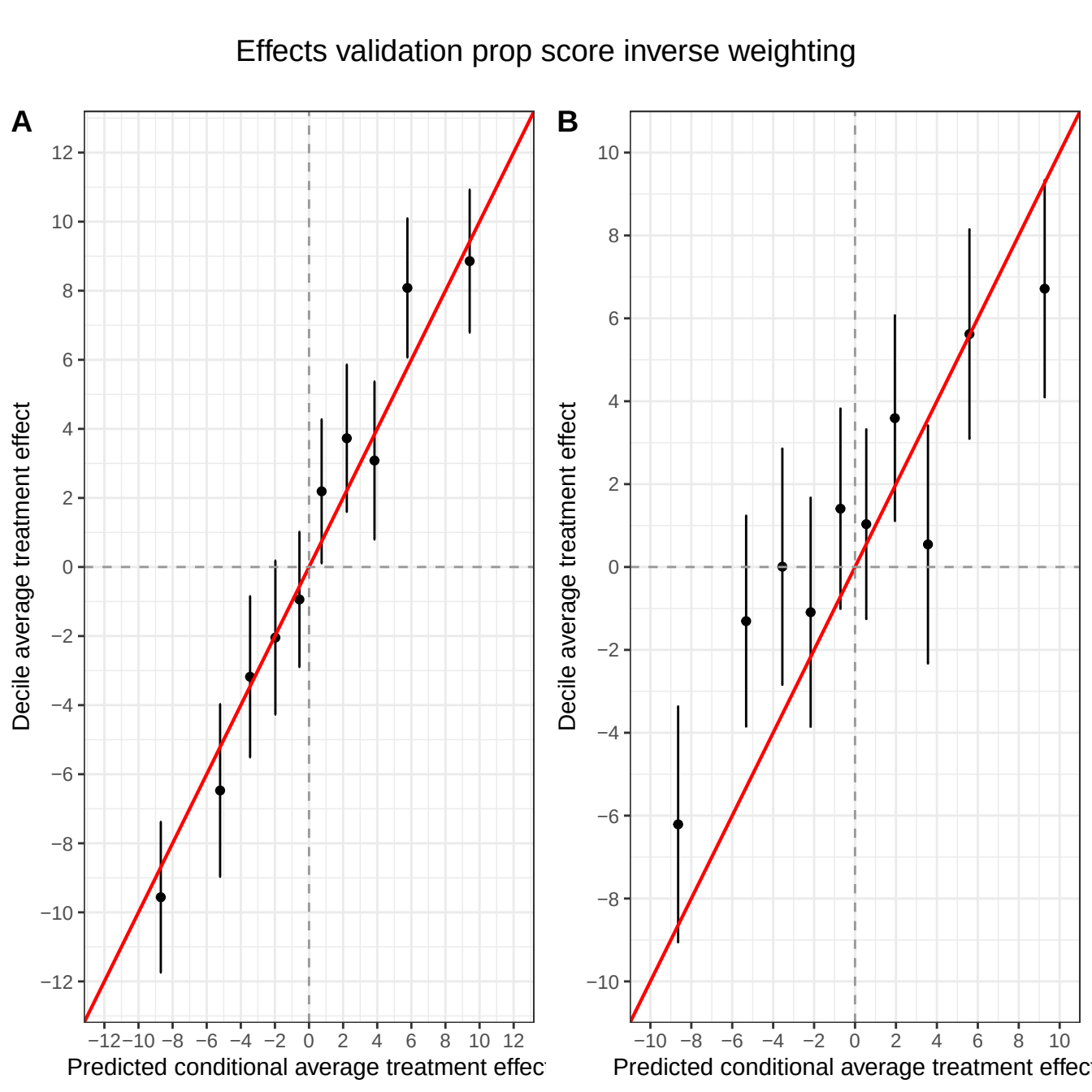

A
B
Favours GLP1
Favours SGLT2
Number of people
HbA1c difference (mmol/mol)
600
400
200
0
300
100
−10
10
20


A
Male
Favours GLP1
Favours SGLT2
Number of people
HbA1c difference (mmol/mol)
Female
B
Male
Female


Effects validation lm(hba1c~drugclass+prop_score)
A
B
Decile average treatment effect
Predicted conditional average treatment effec
Predicted conditional average treatment effec

Effects validation prop score matching




Effects validation prop score inverse weighting
A
B
Decile average treatment effect
Predicted conditional average treatment effec
Decile average treatment effect
Predicted conditional average treatment effec