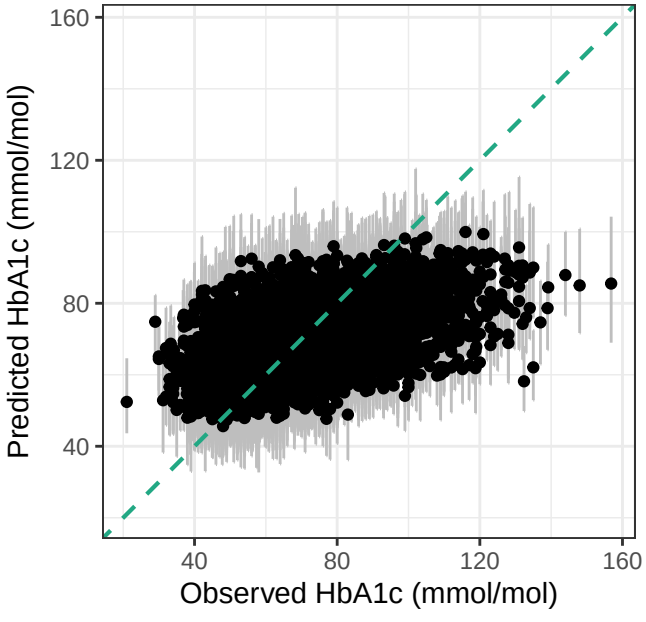
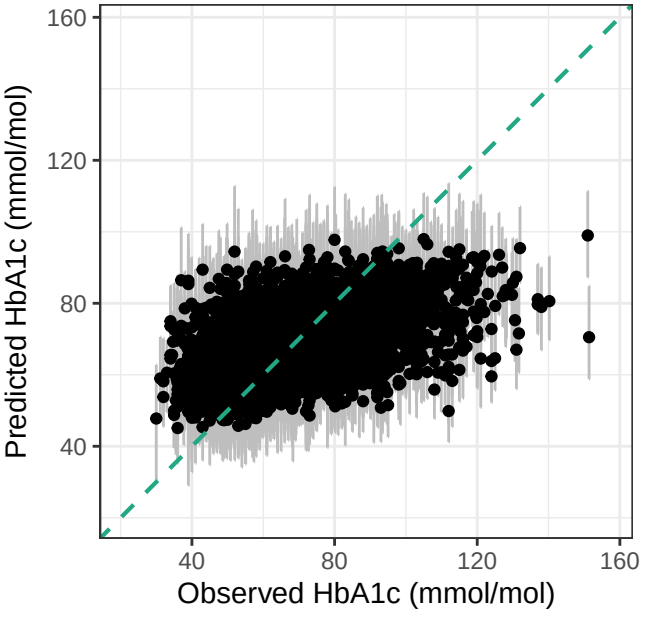
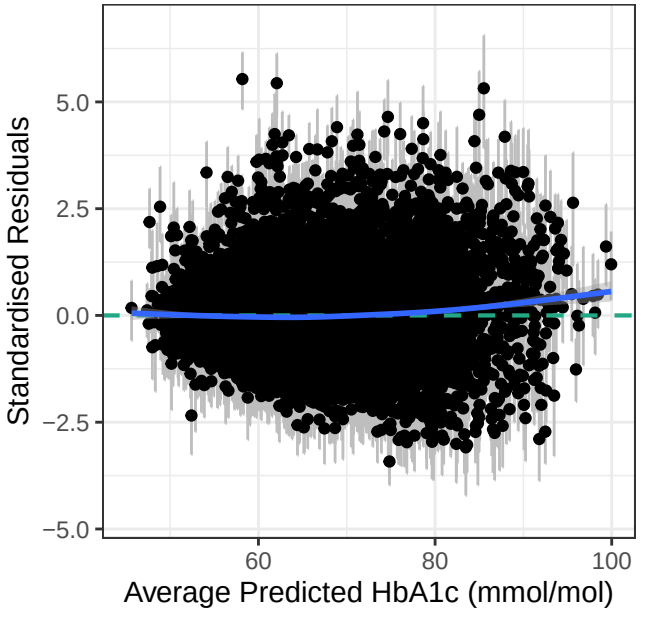
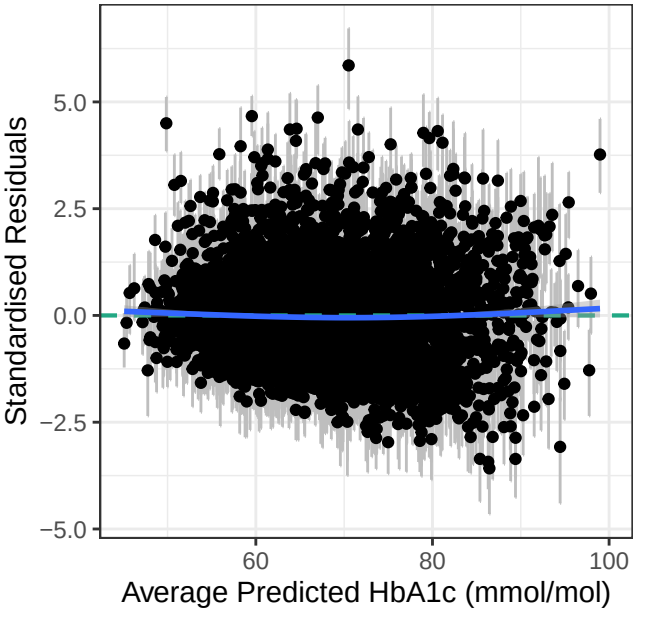
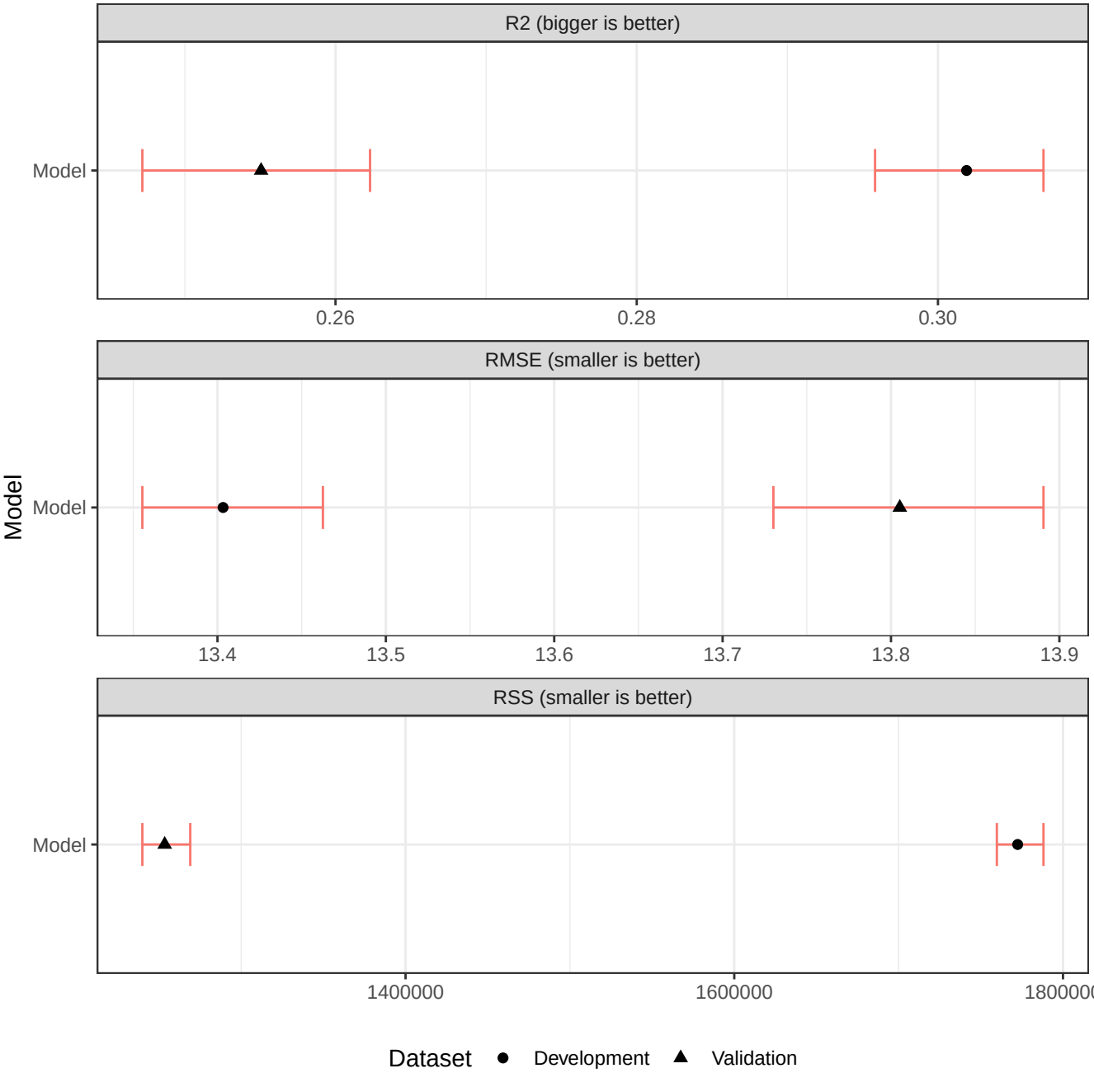
Residuals of Model 5

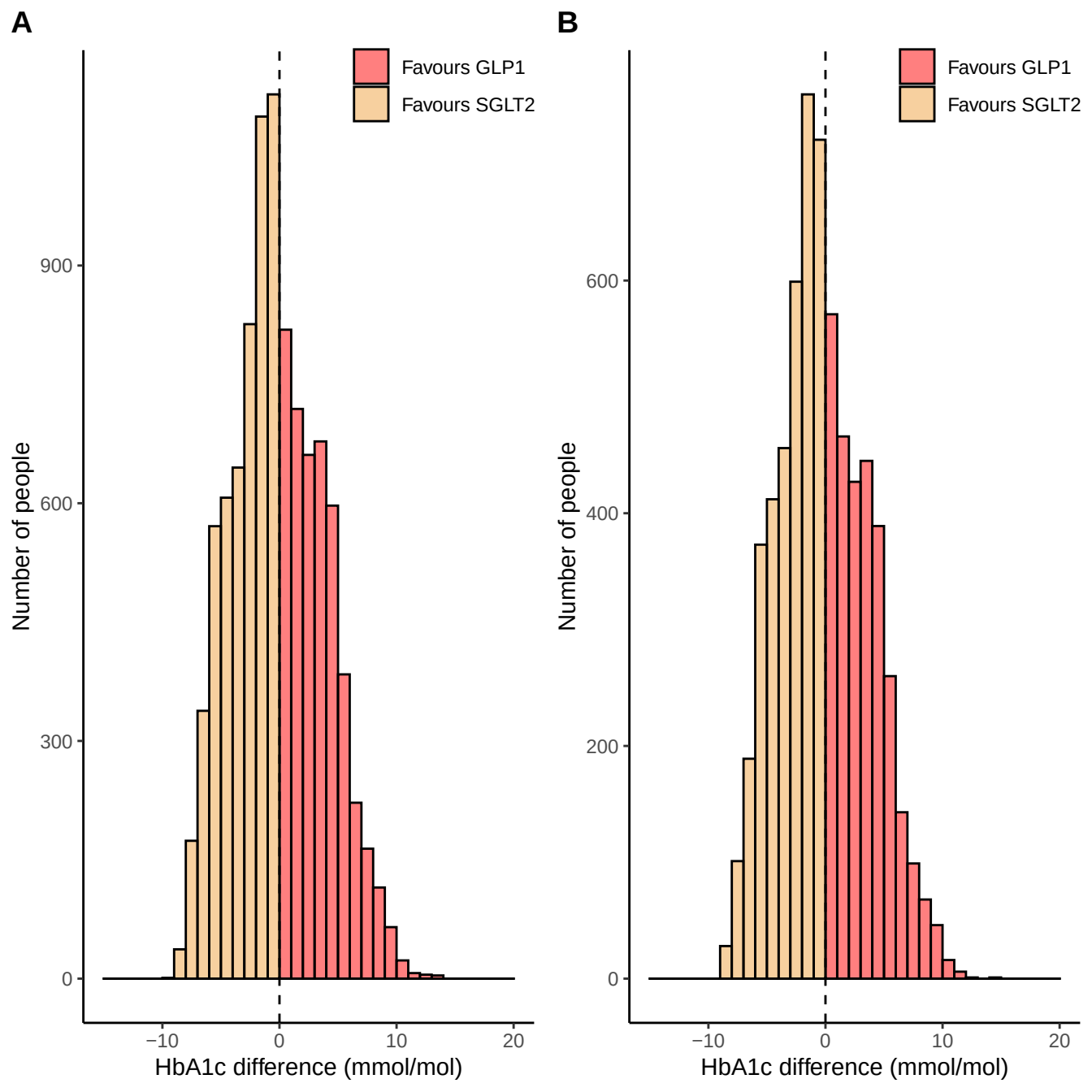


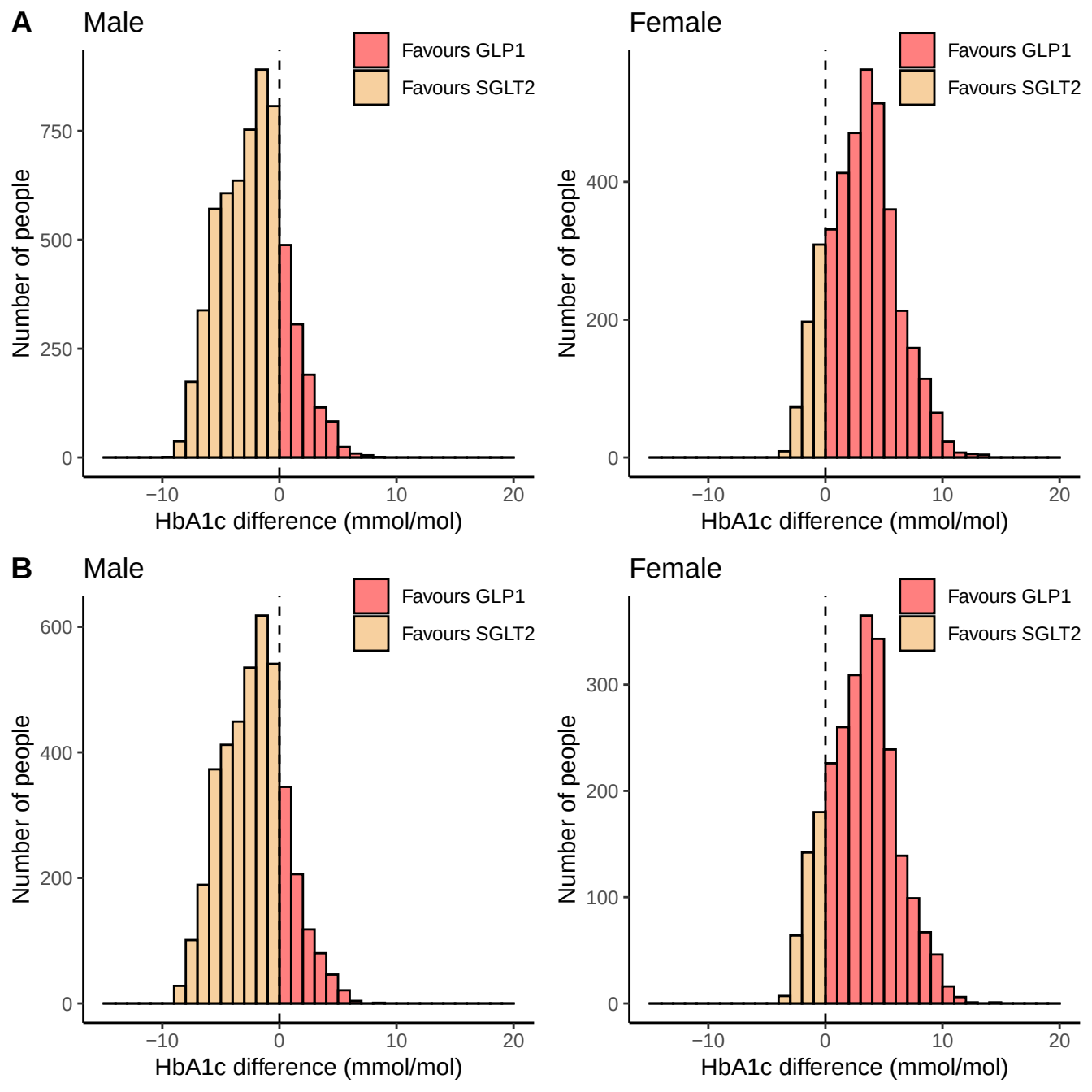


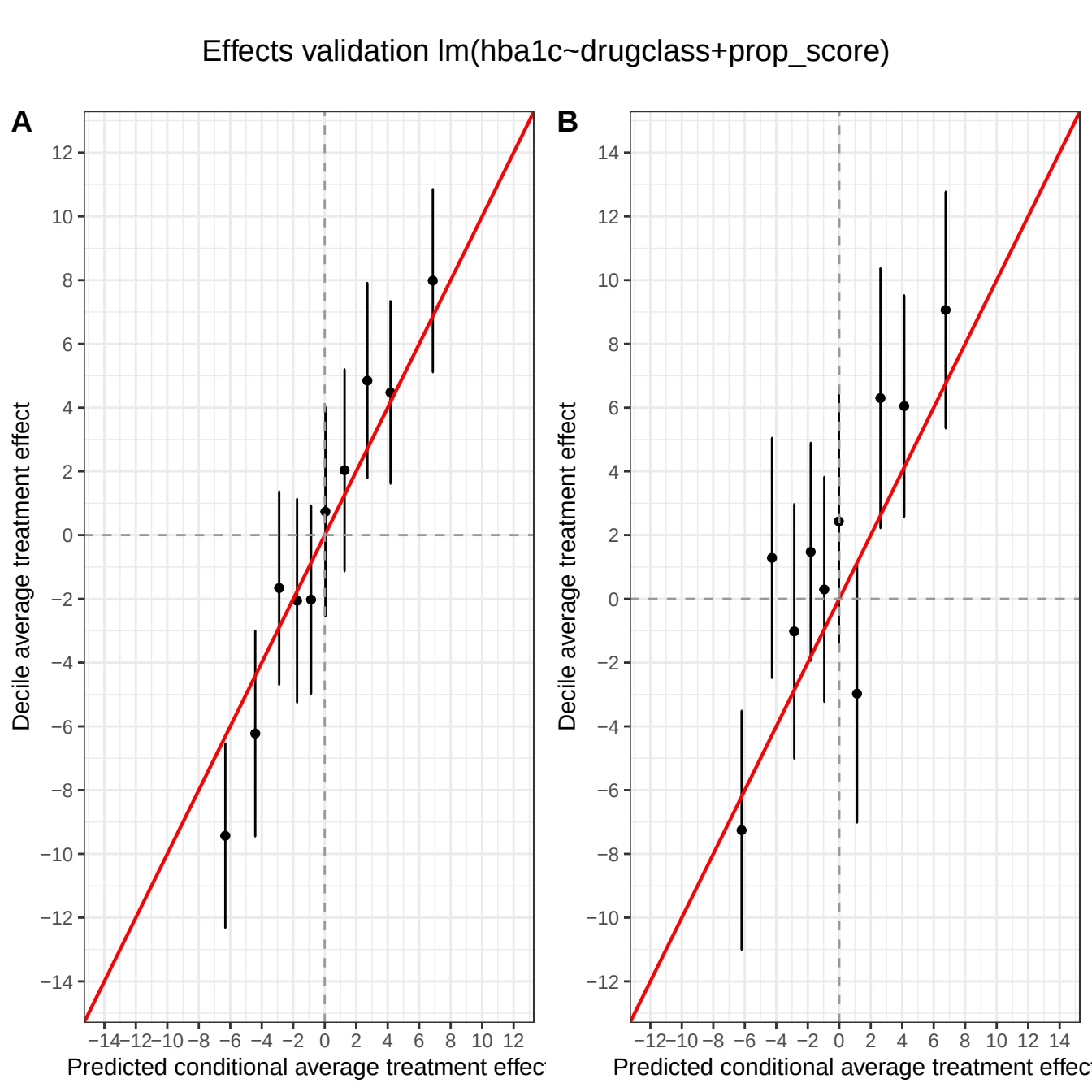




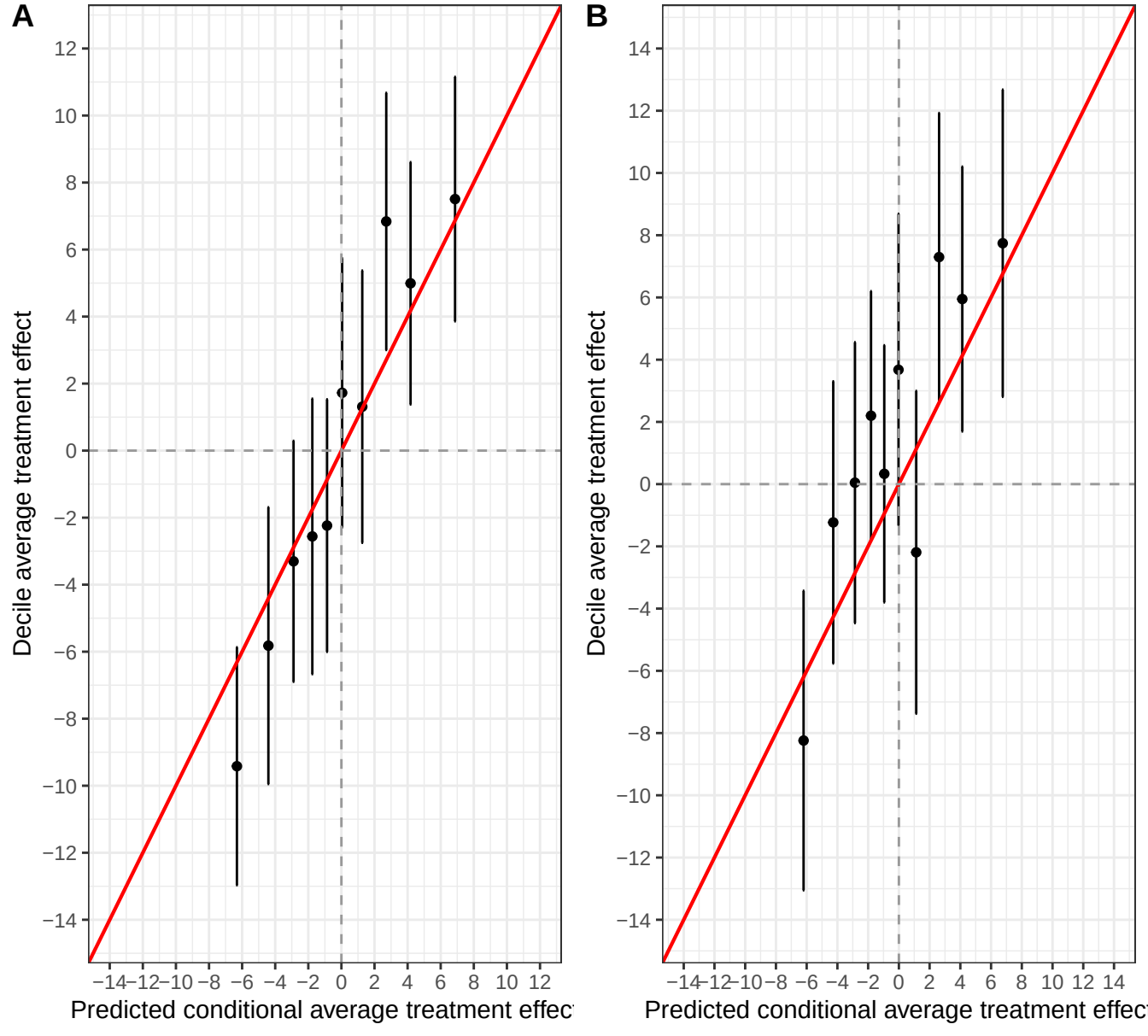

R2 (bigger is better)
Model
0.26
0.28
0.30
RMSE (smaller is better)
Model
13.4
13.5
13.6
13.7
13.8
13.9
RSS (smaller is better)
Model
1400000
1600000
1800000
Model
Dataset
Development
Validation

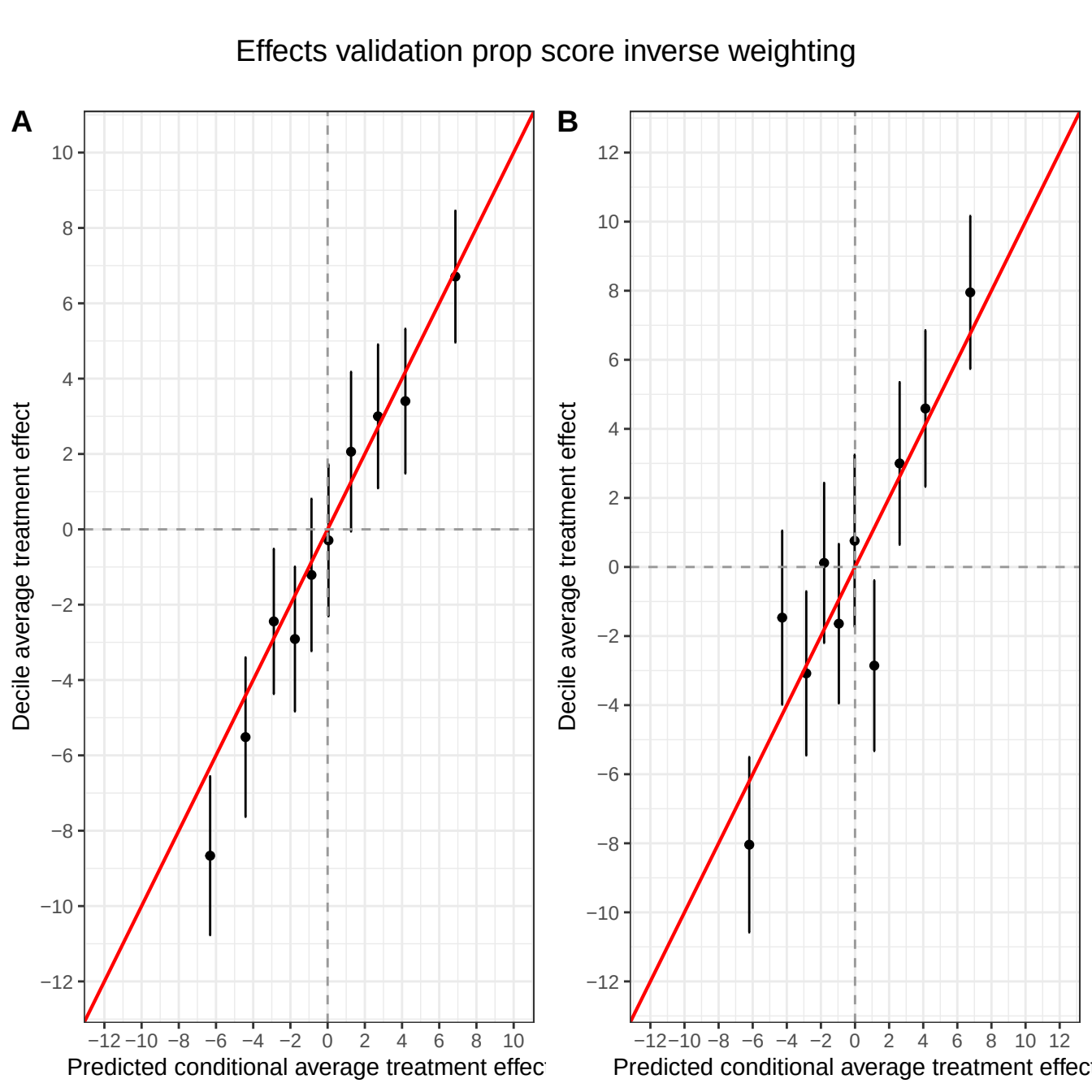

A
B
Favours GLP1
Favours SGLT2
Number of people
900
600
300
0
400
200
−10
0
10
20
HbA1c difference (mmol/mol)


A
Male
Favours GLP1
Favours SGLT2
Number of people
750
500
250
0
−10
0
10
20
HbA1c difference (mmol/mol)
Female
Favours GLP1
Favours SGLT2
Number of people
400
200
0
−10
0
10
20
HbA1c difference (mmol/mol)
B
Male
Favours GLP1
Favours SGLT2
Number of people
600
400
200
0
−10
0
10
20
HbA1c difference (mmol/mol)
Female
Favours GLP1
Favours SGLT2
Number of people
300
200
100
0
−10
0
10
20
HbA1c difference (mmol/mol)


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