

**MAE = 28.5**

**Rsquared = 0.84**

**RMSE = 37.1**

Observed GPP  $\text{g C m}^{-2}\text{month}^{-1}$

-400

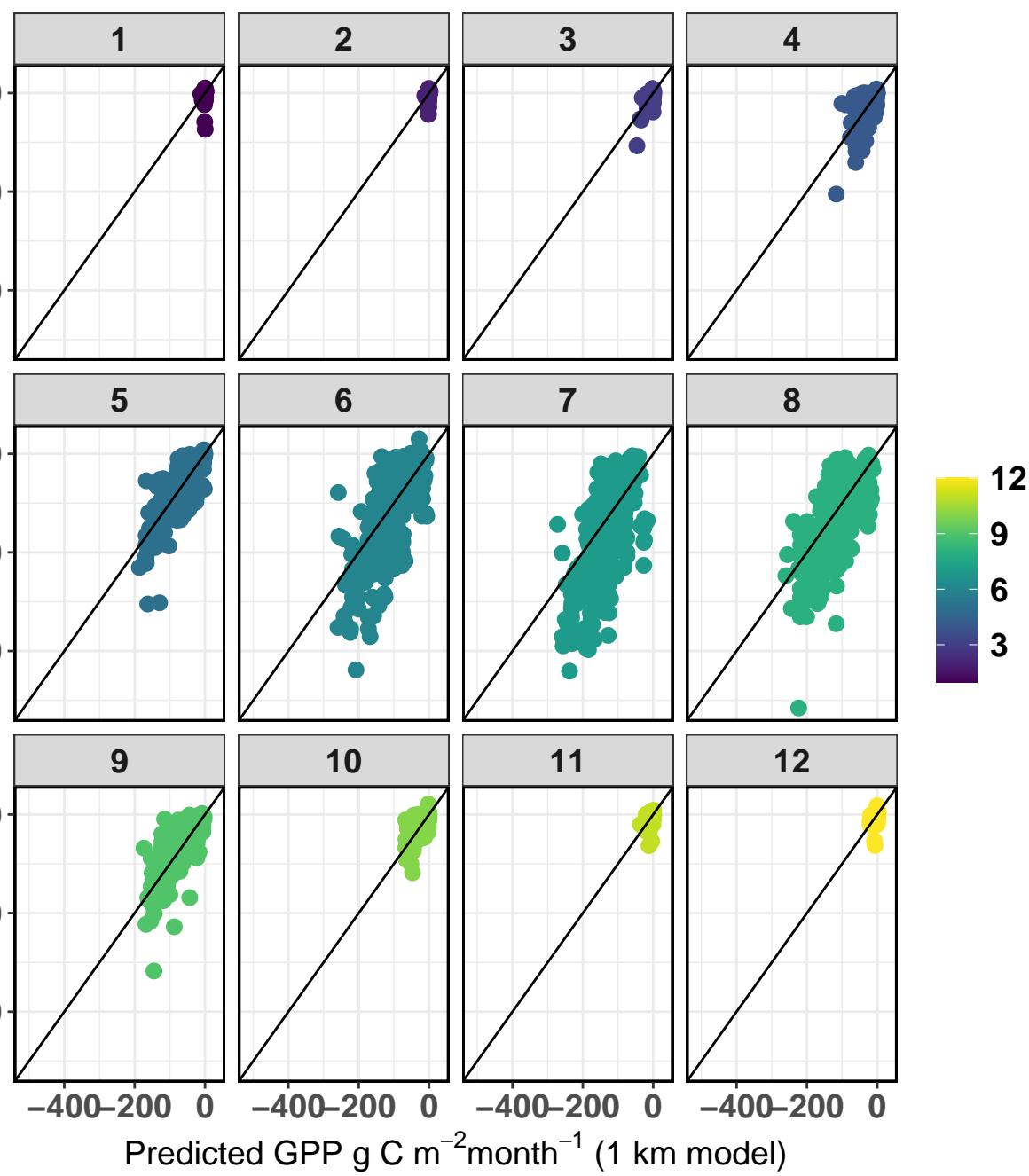
-200

0

Predicted GPP  $\text{g C m}^{-2}\text{month}^{-1}$  (1 km model)

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

Observed GPP g C m<sup>-2</sup>month<sup>-1</sup>



MAE = 28.5

R squared = 0.84

RMSE = 37.1

obs - pred

obs - pred

-200

-400

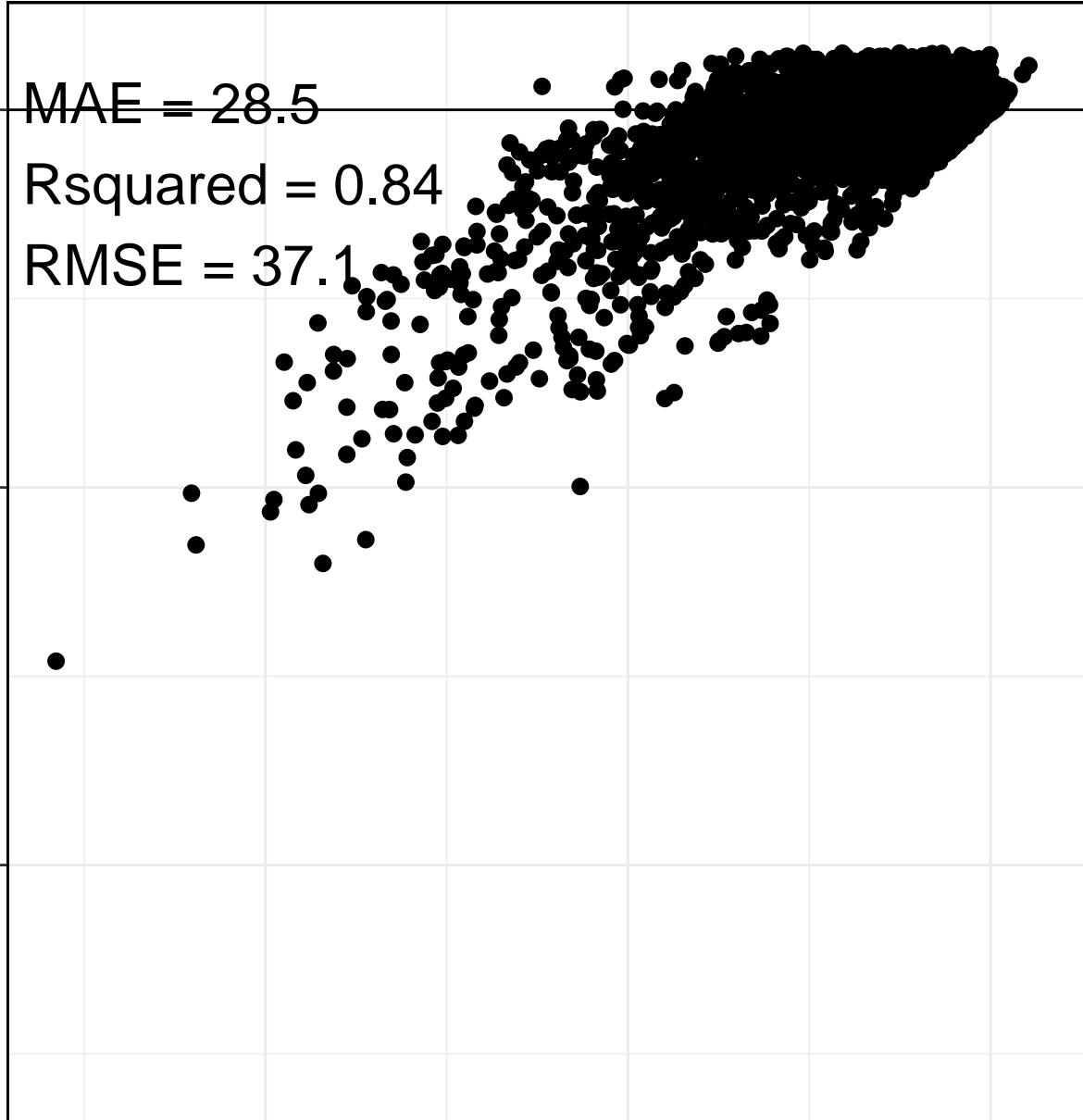
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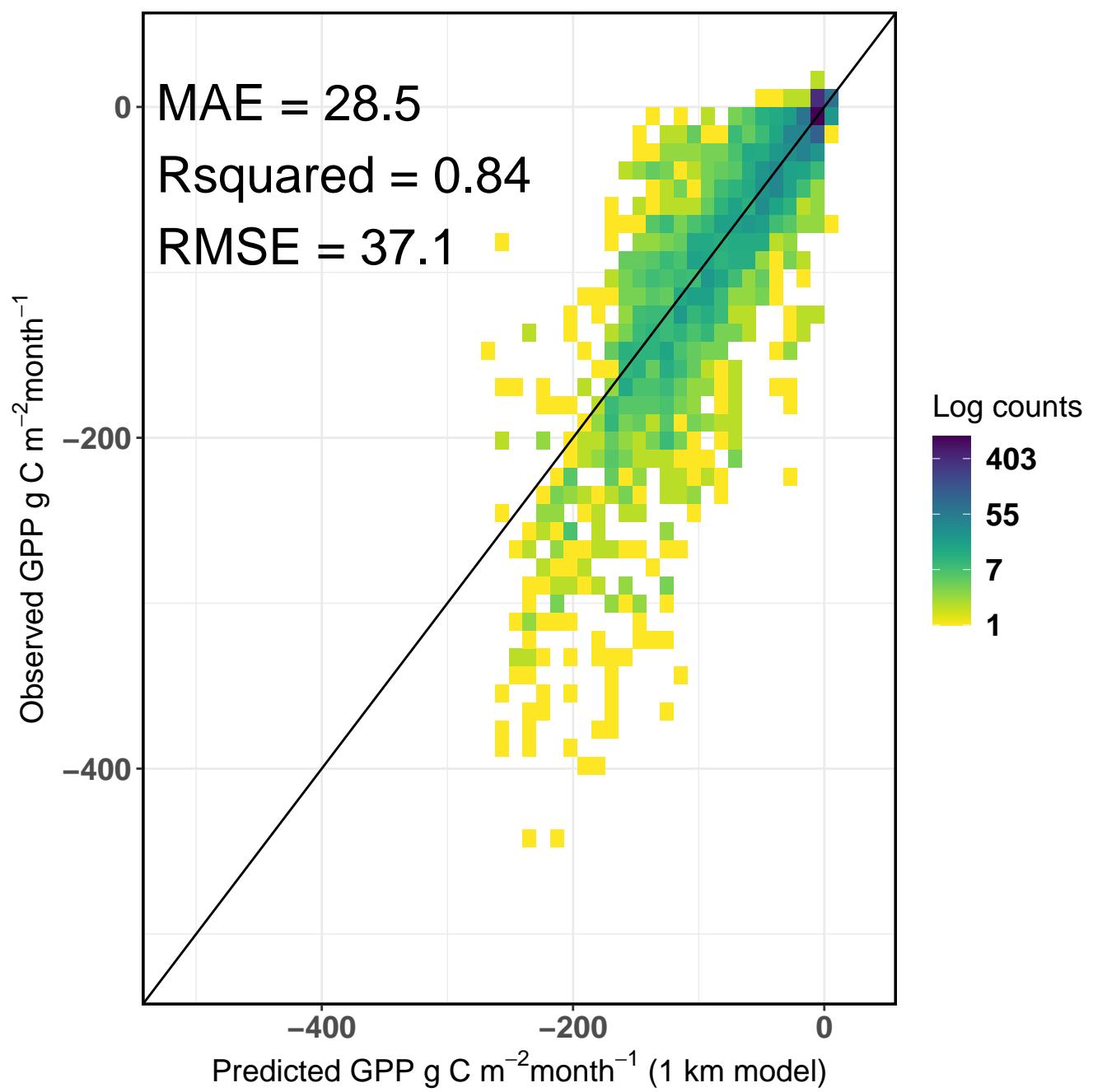
-400

-200

0

obs





Observed GPP  $\text{g C m}^{-2}\text{month}^{-1}$

Canada

Finland

Greenland

Mongolia

Norway

Russia

Sweden

USA

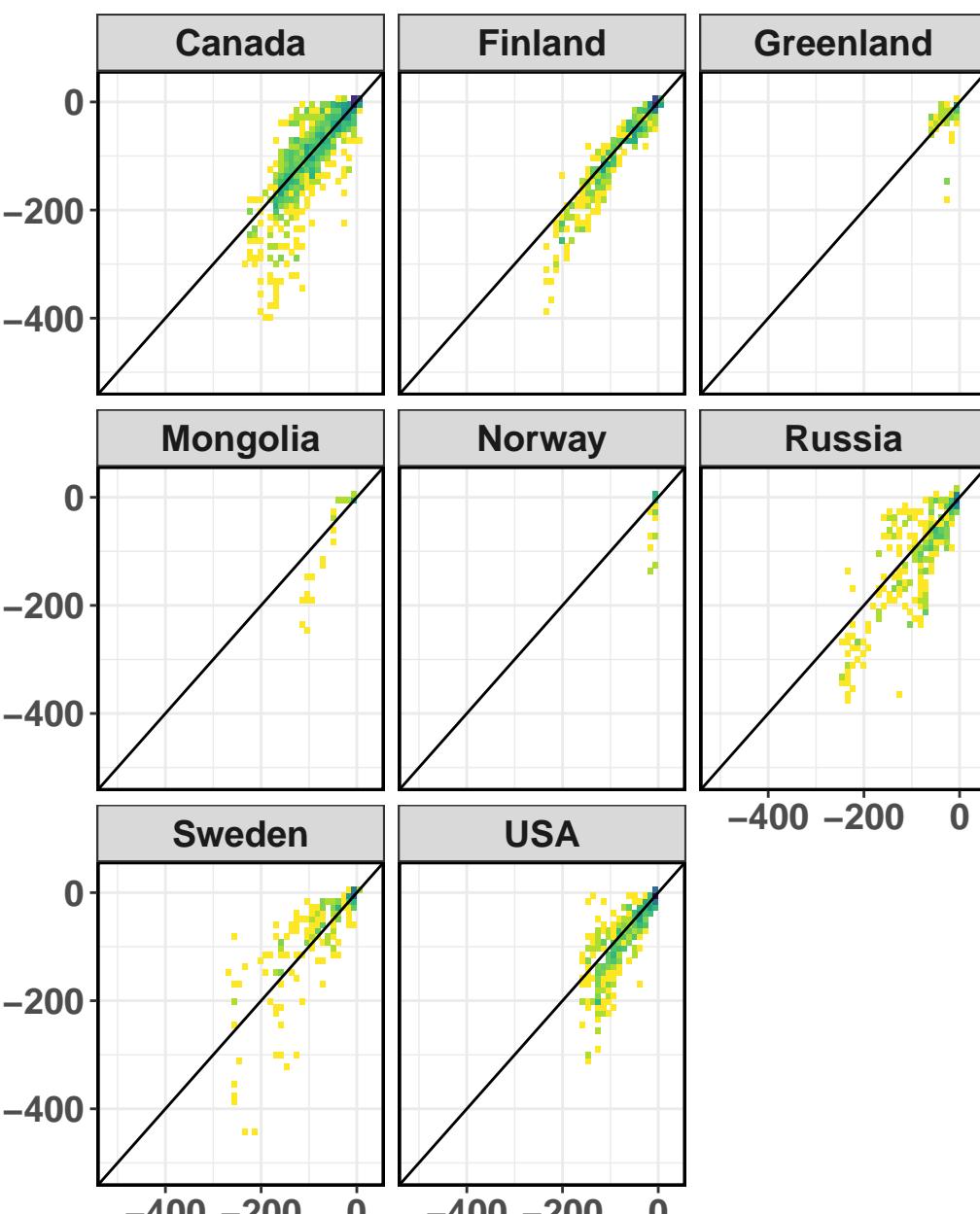
Log counts

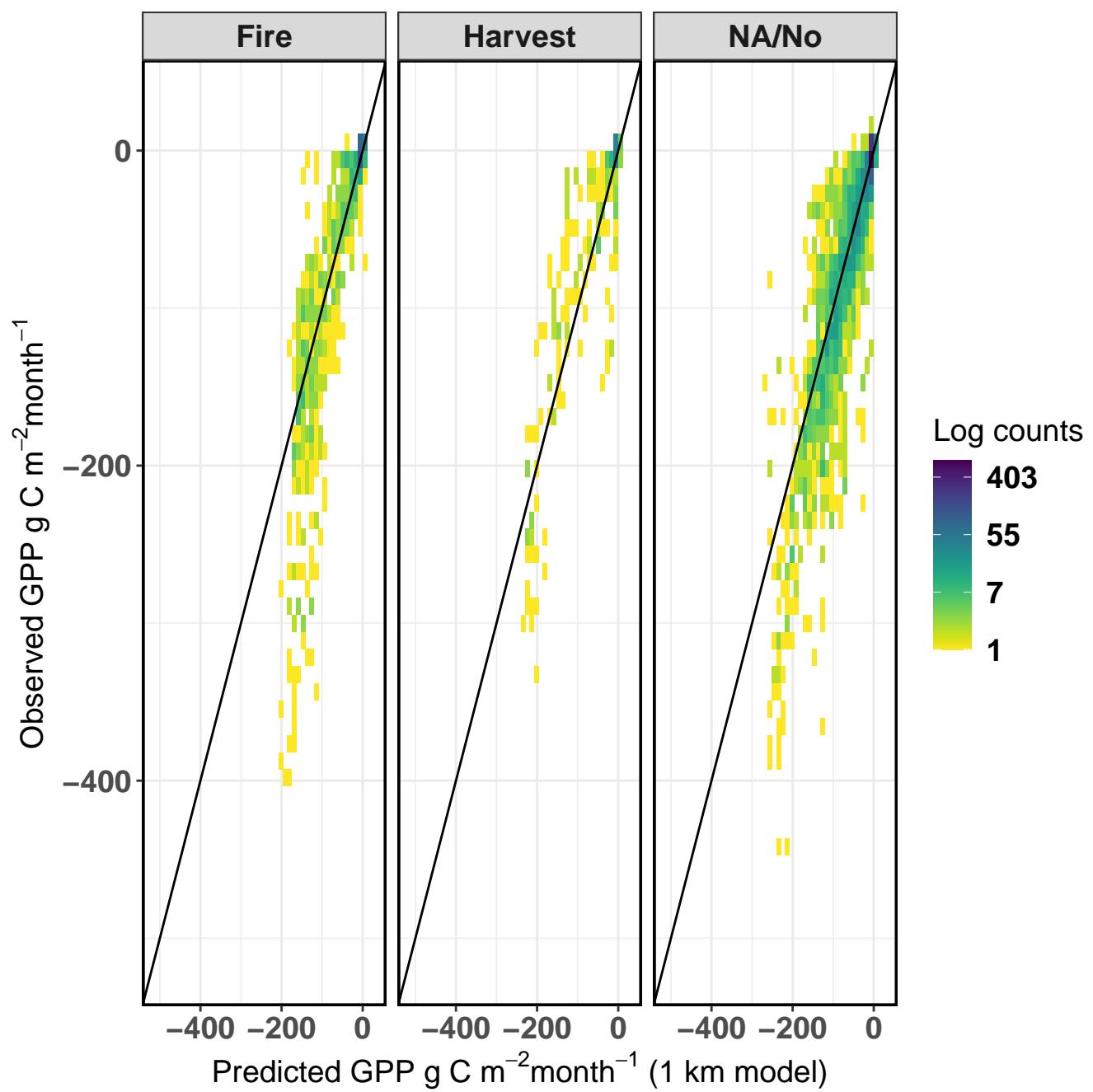
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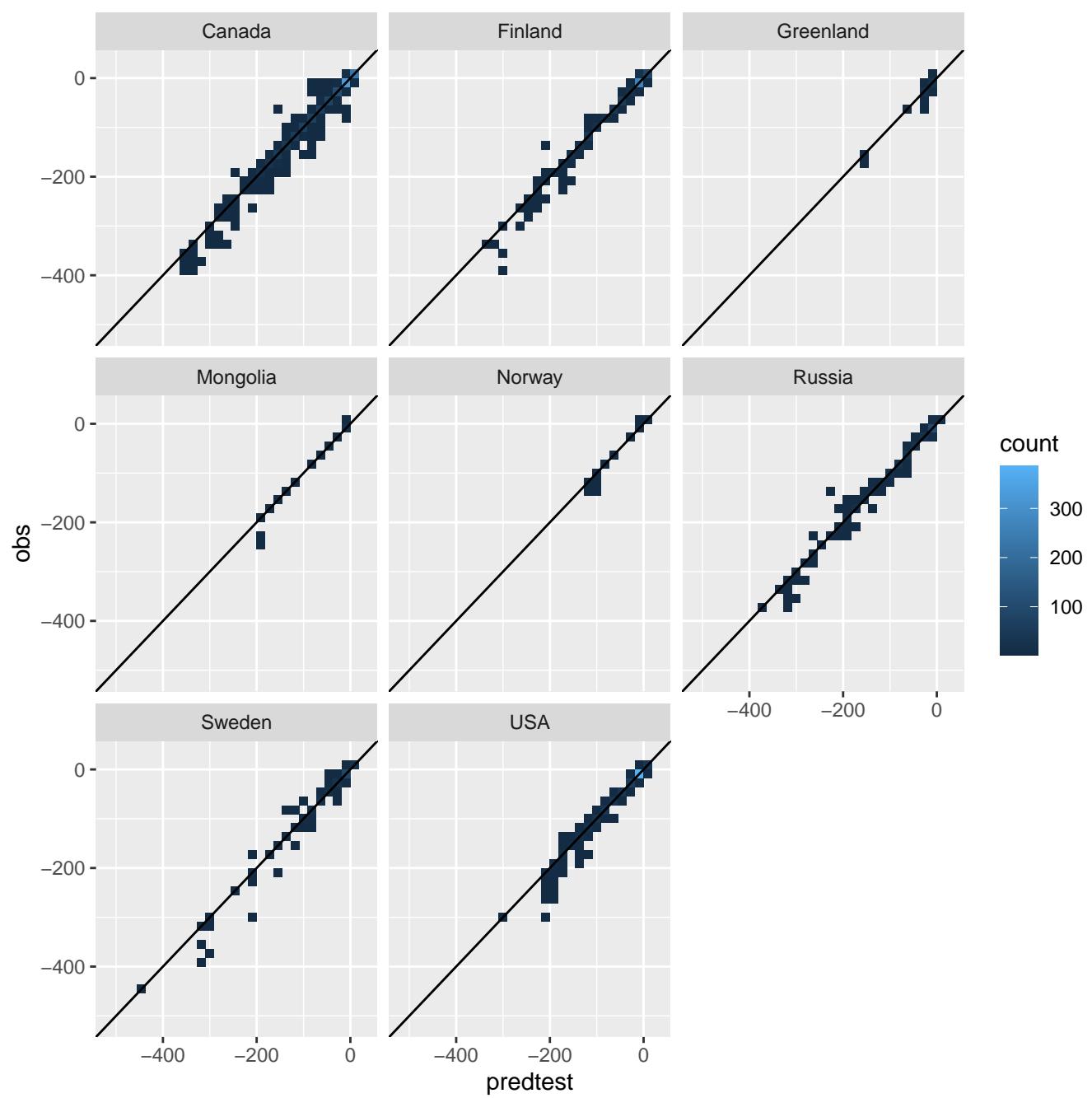
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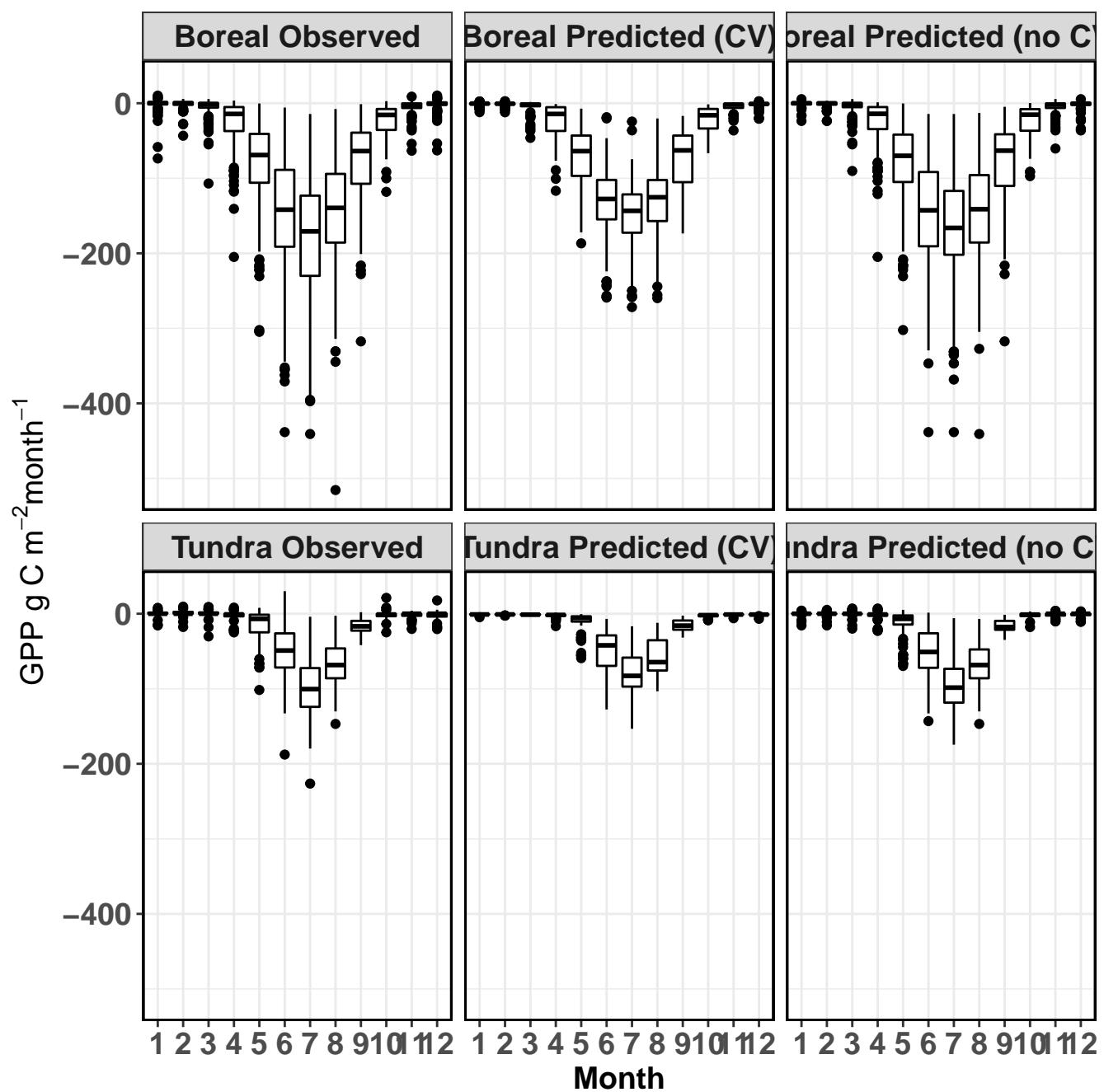
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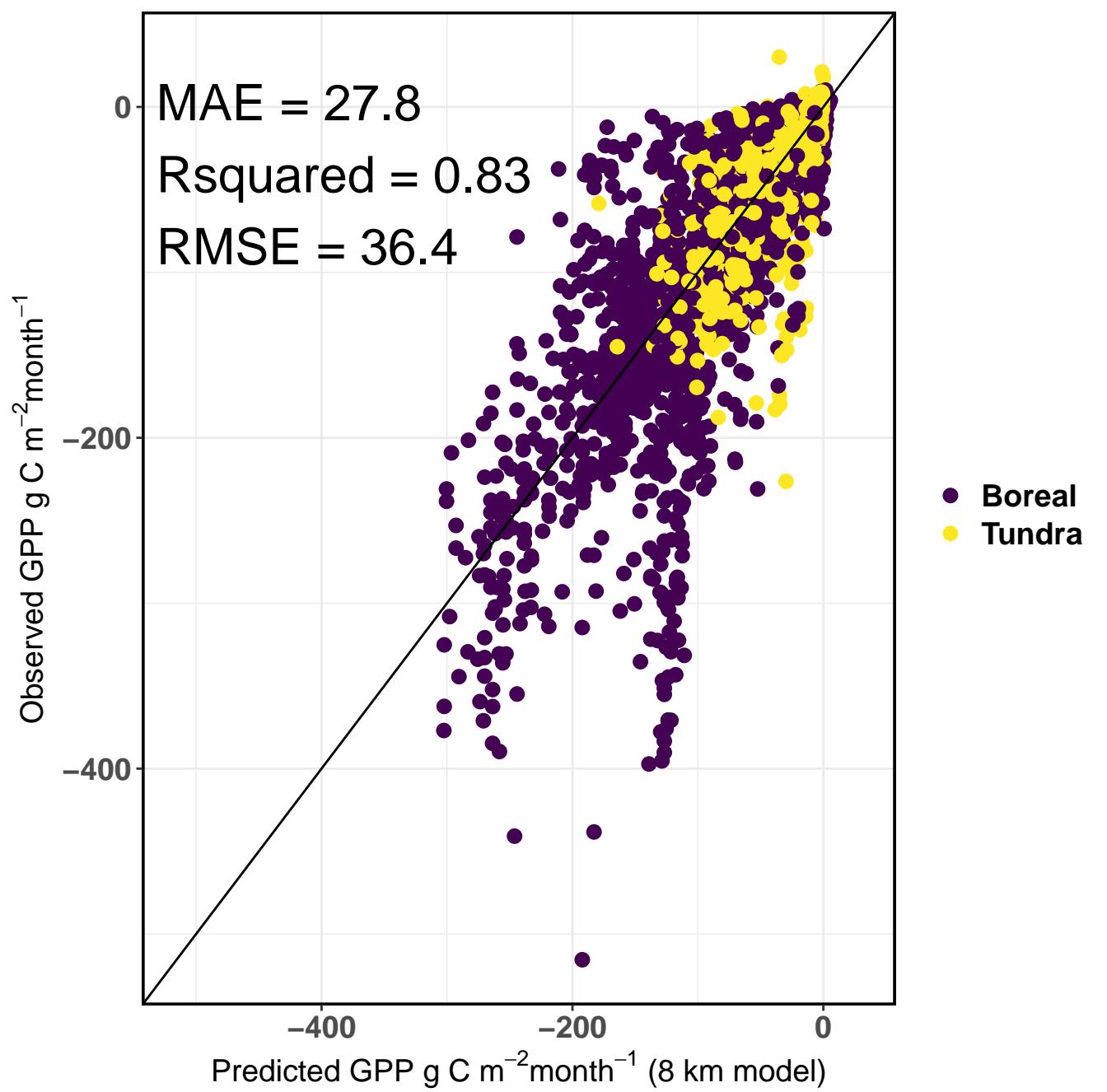
Predicted GPP  $\text{g C m}^{-2}\text{month}^{-1}$  (1 km model)

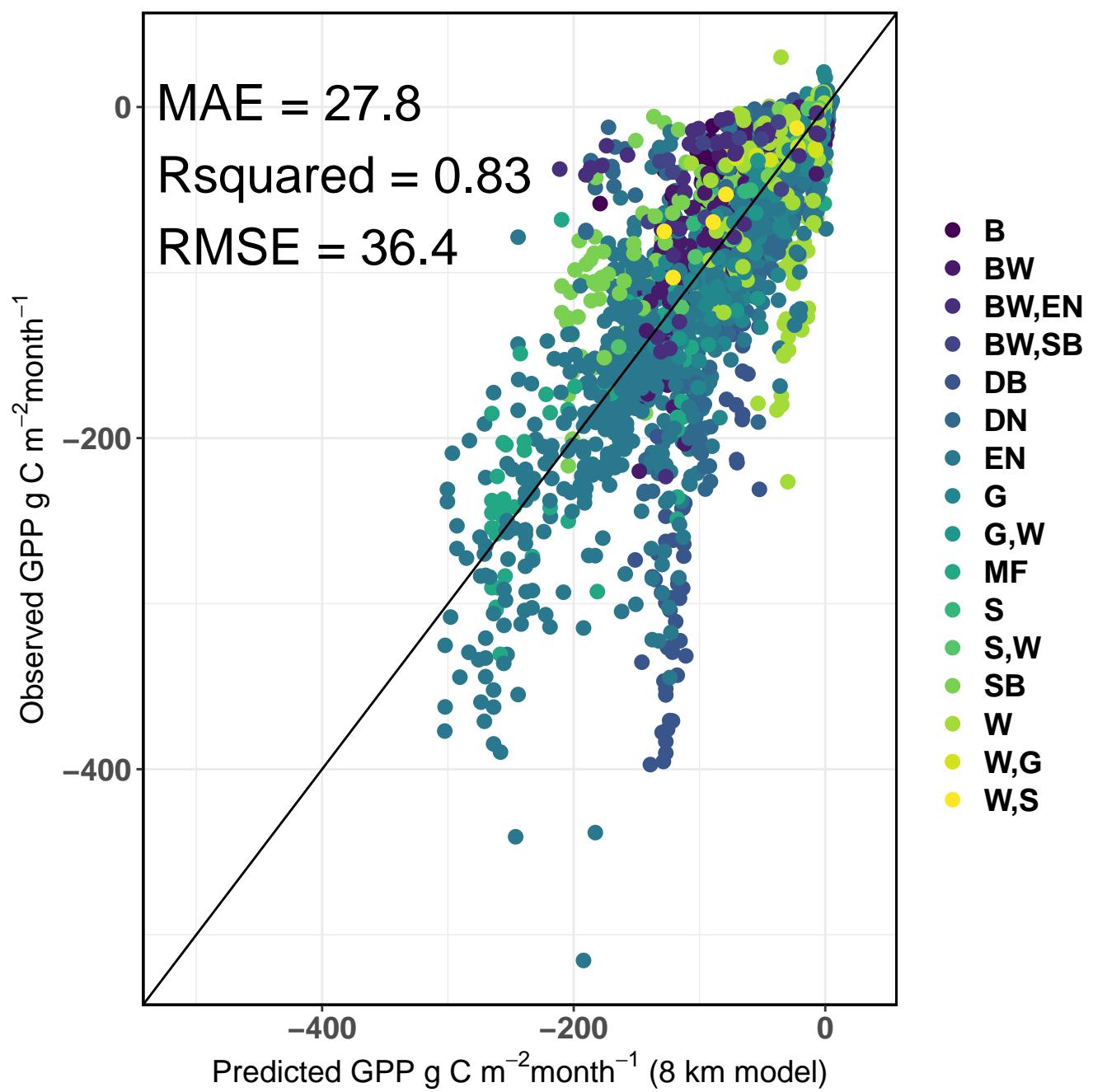


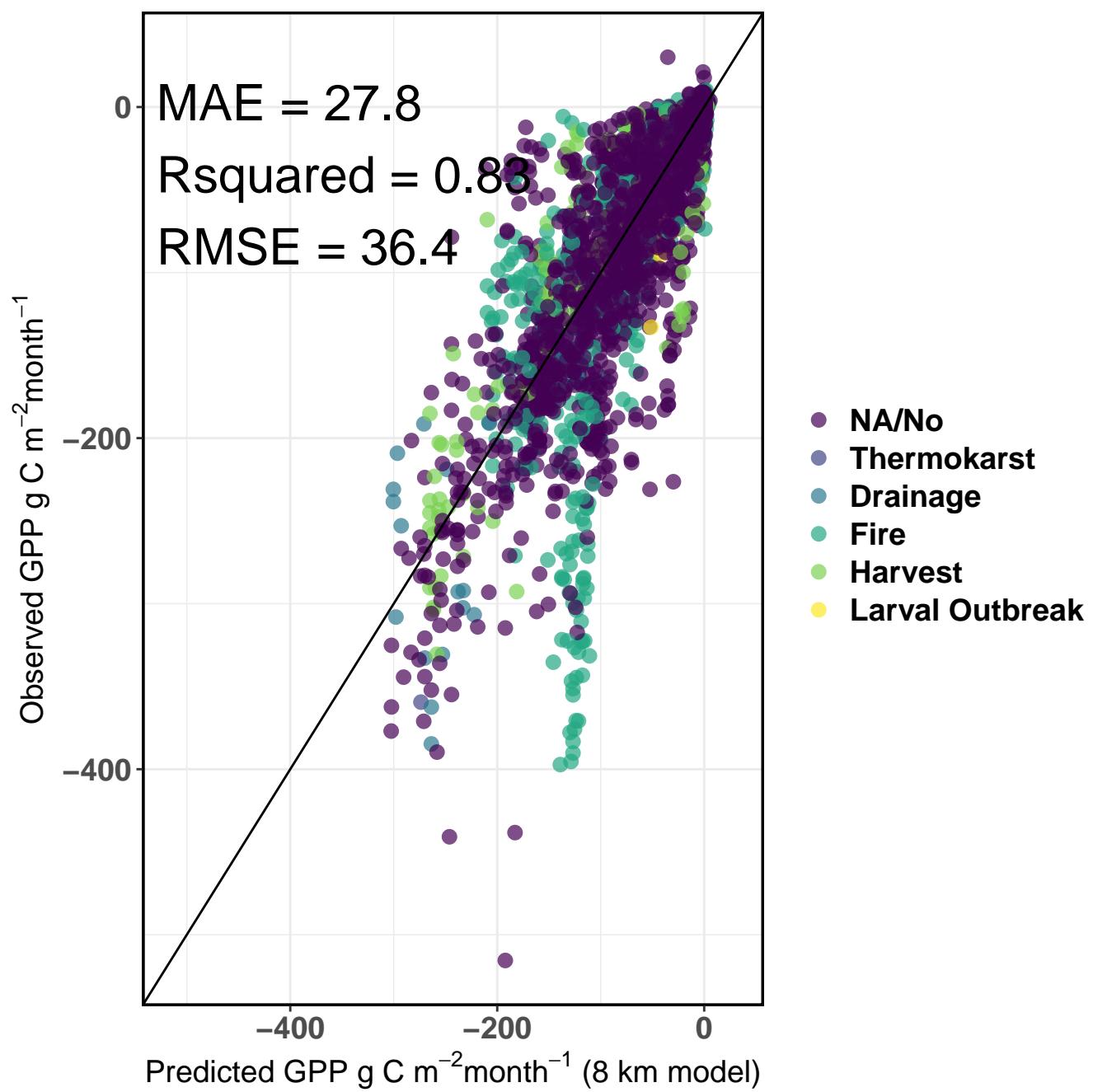


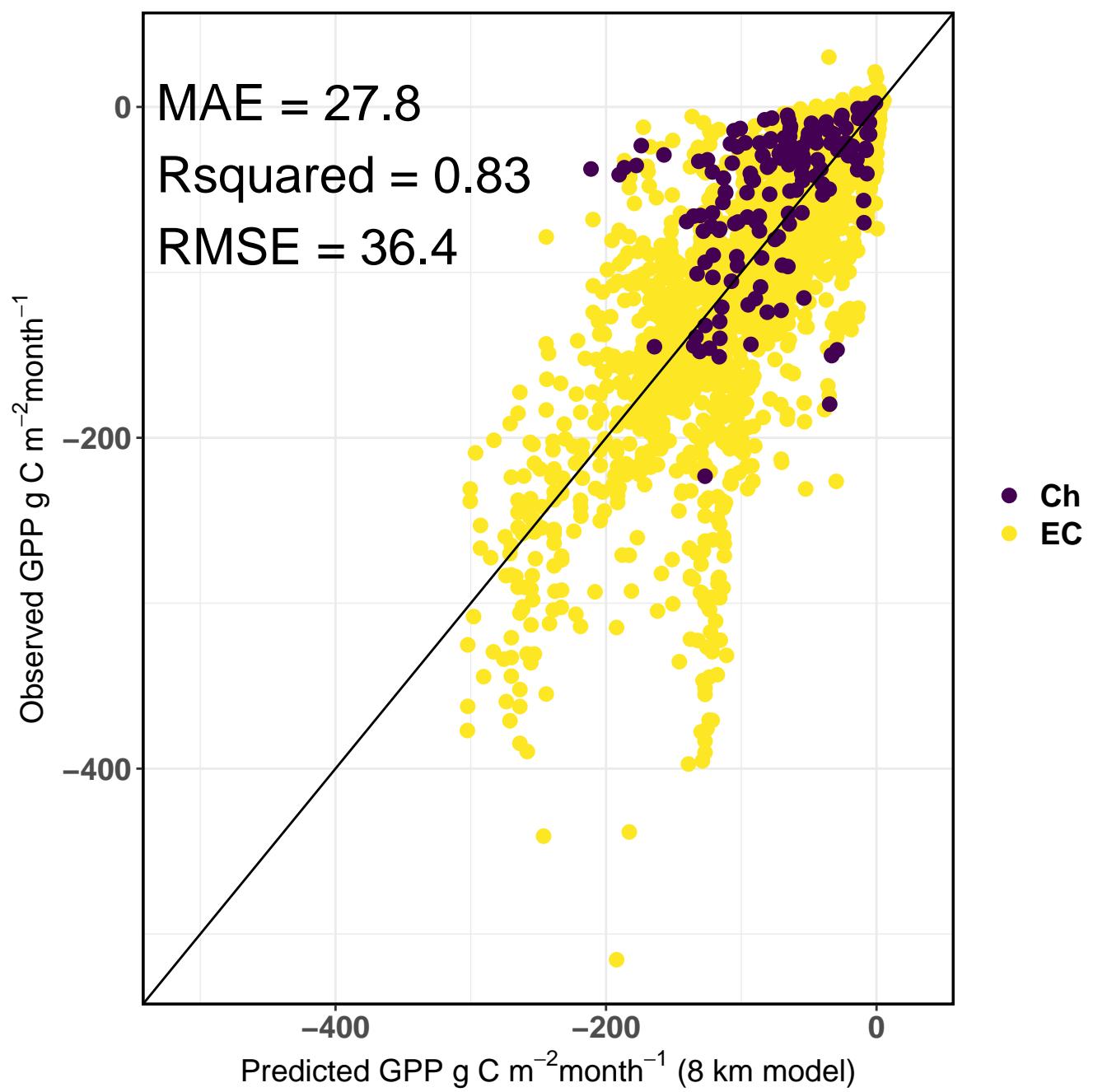


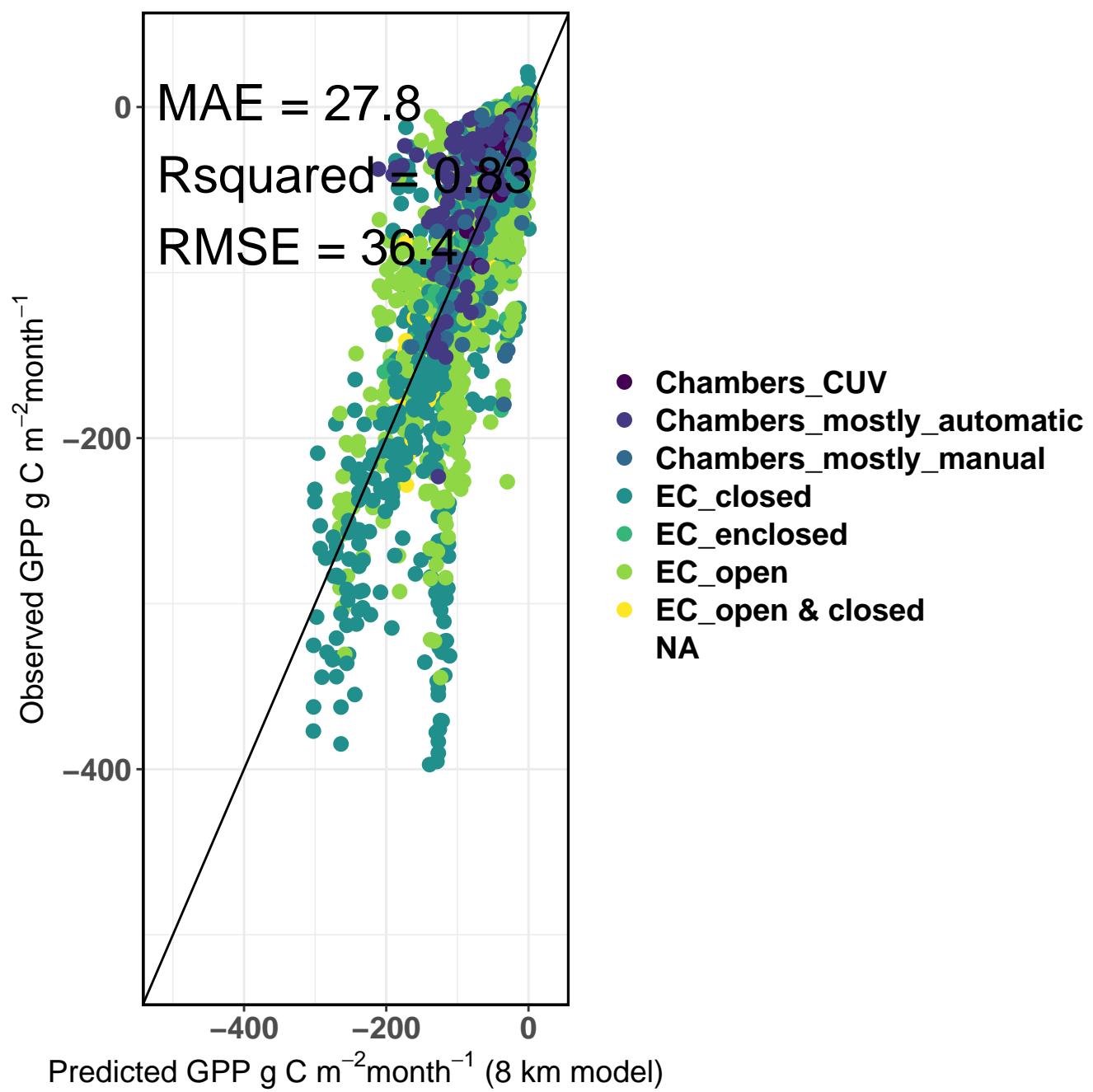


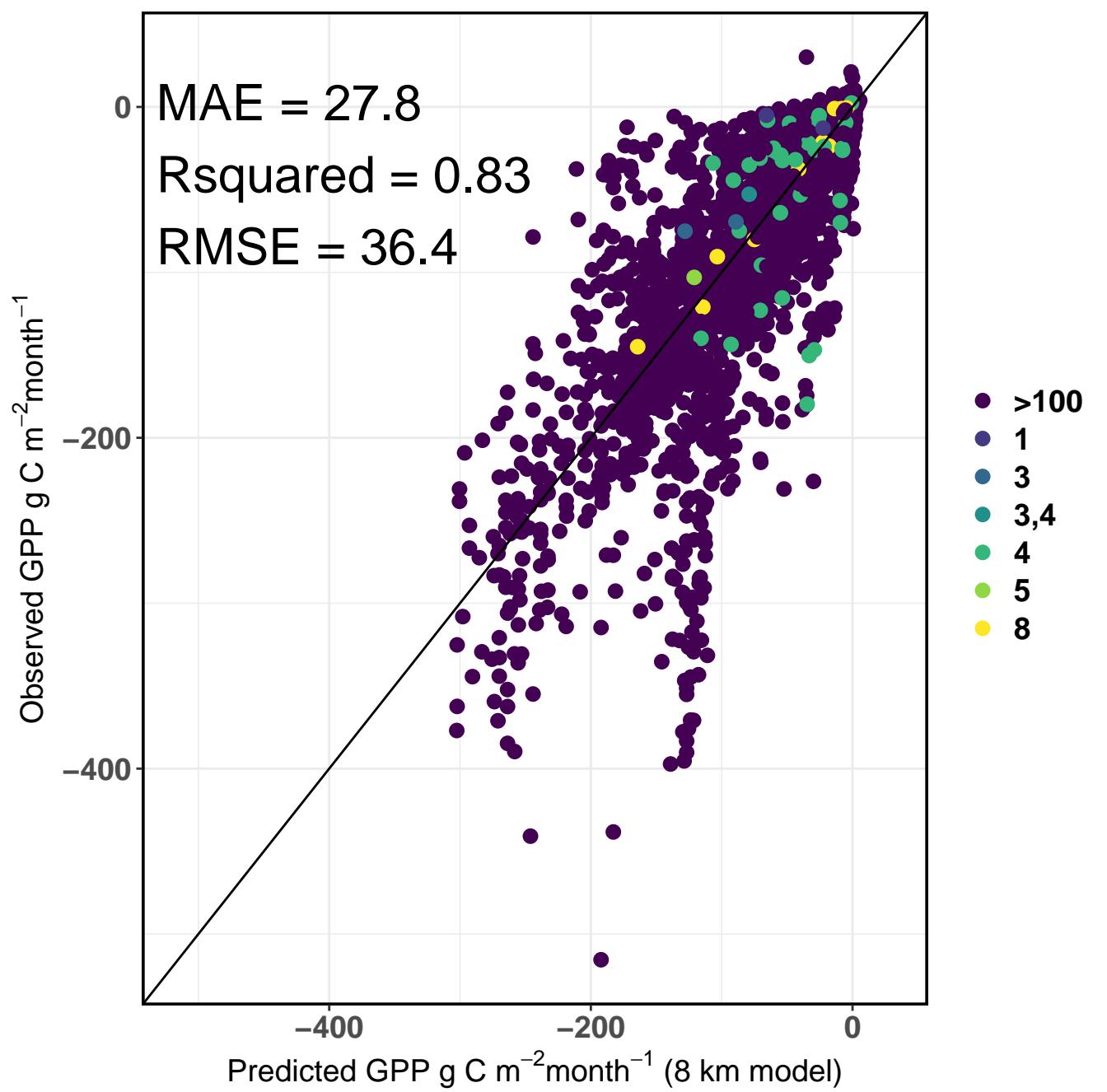


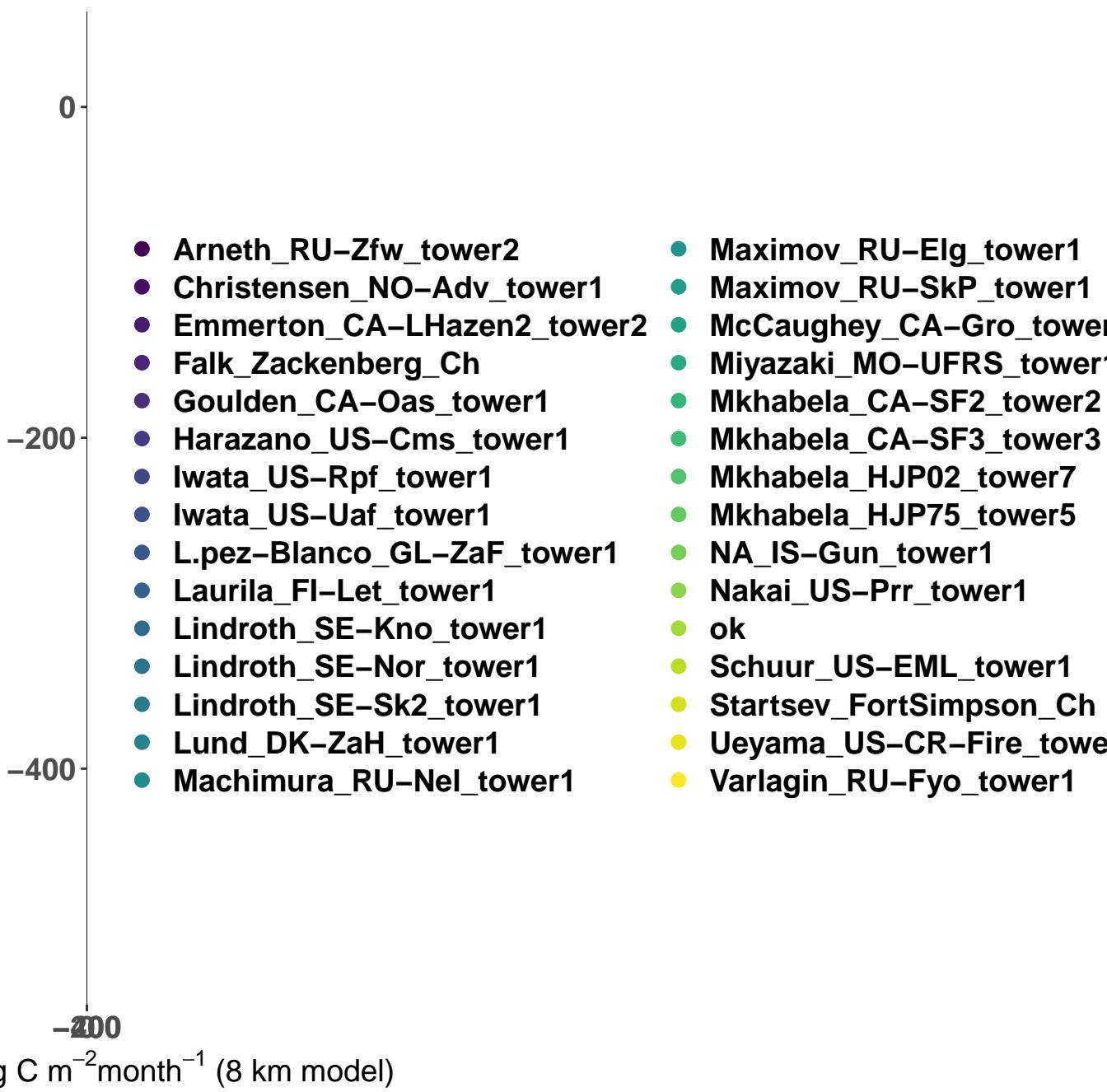


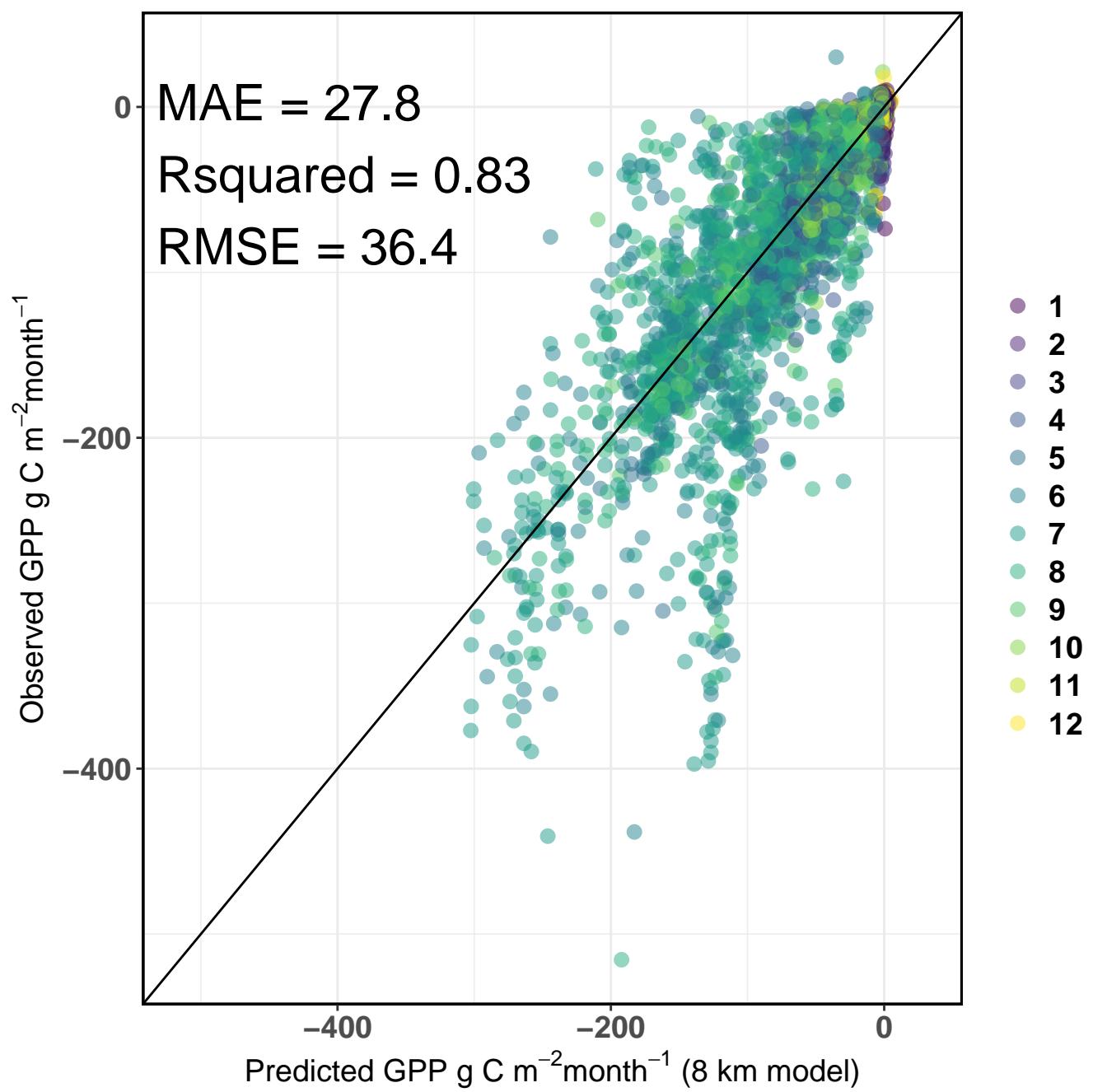




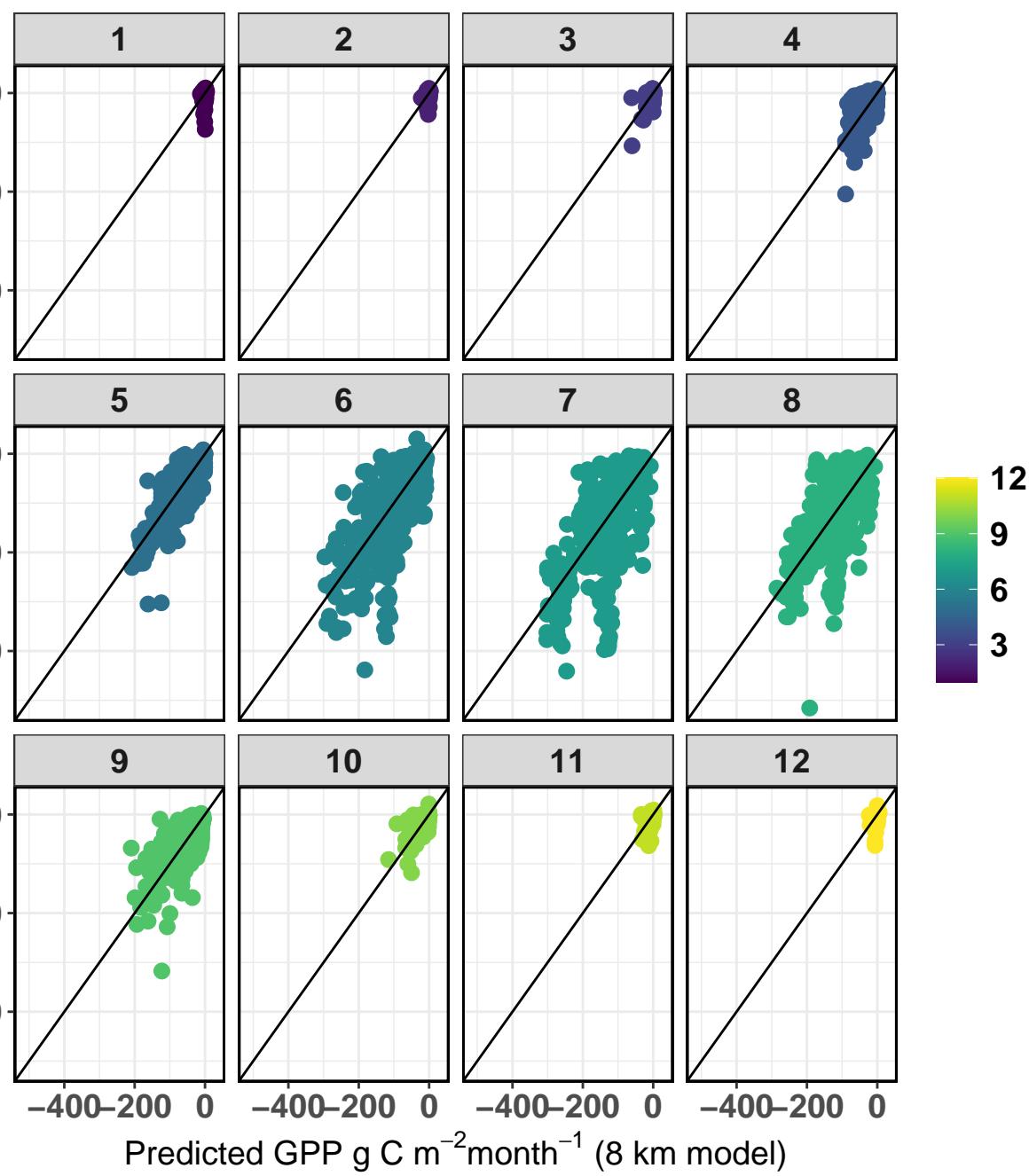








Observed GPP g C m<sup>-2</sup>month<sup>-1</sup>

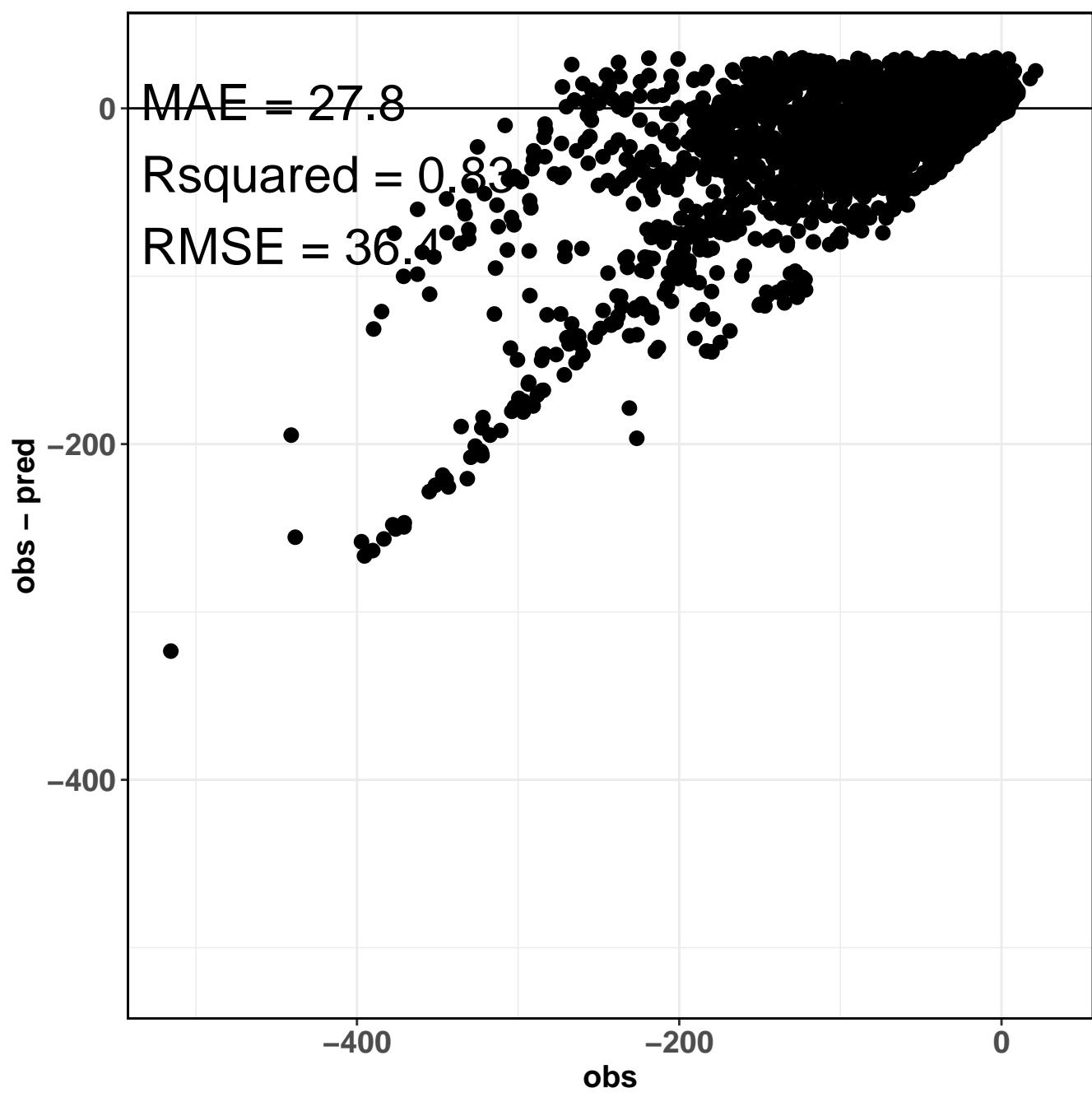


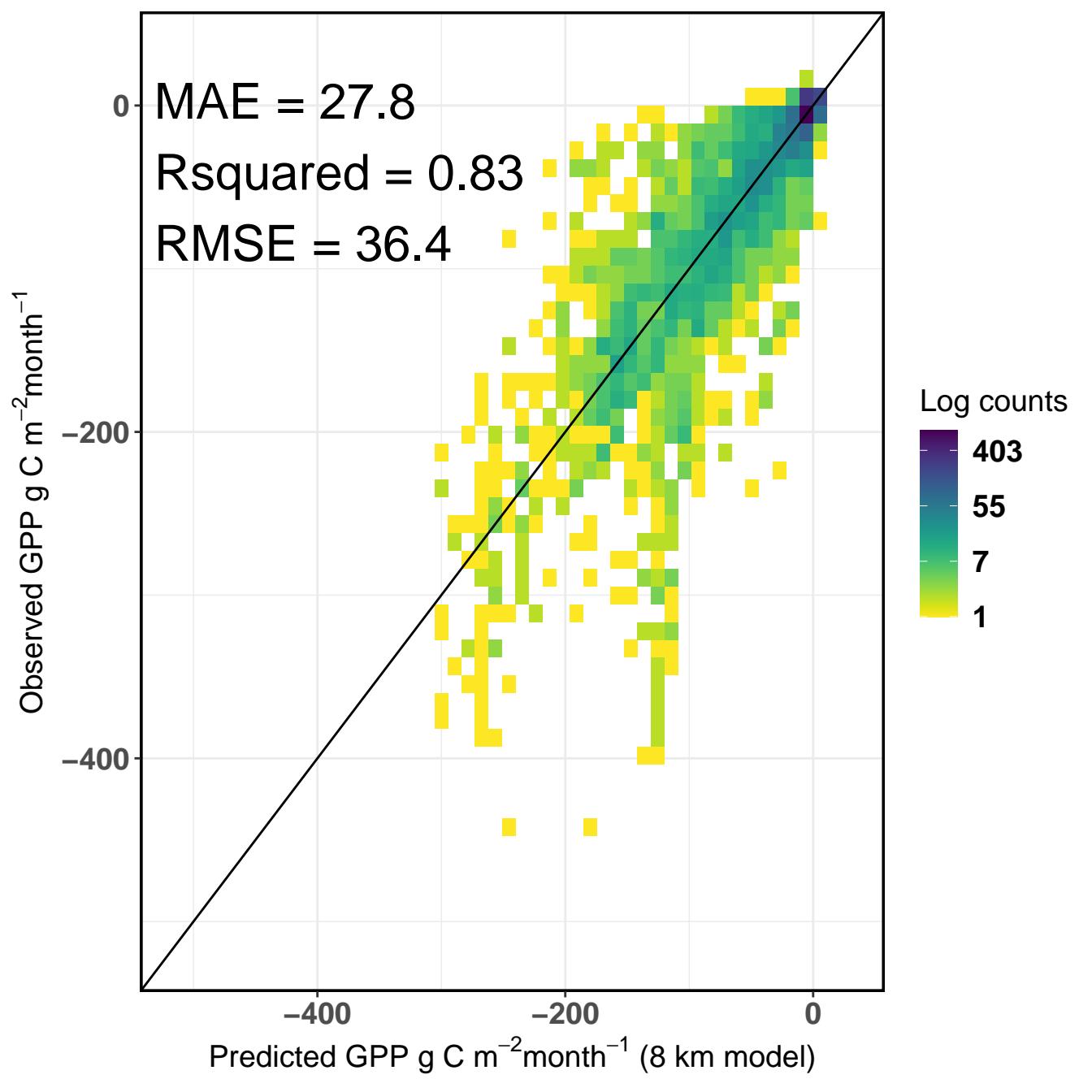
MAE = 27.8

R squared = 0.83

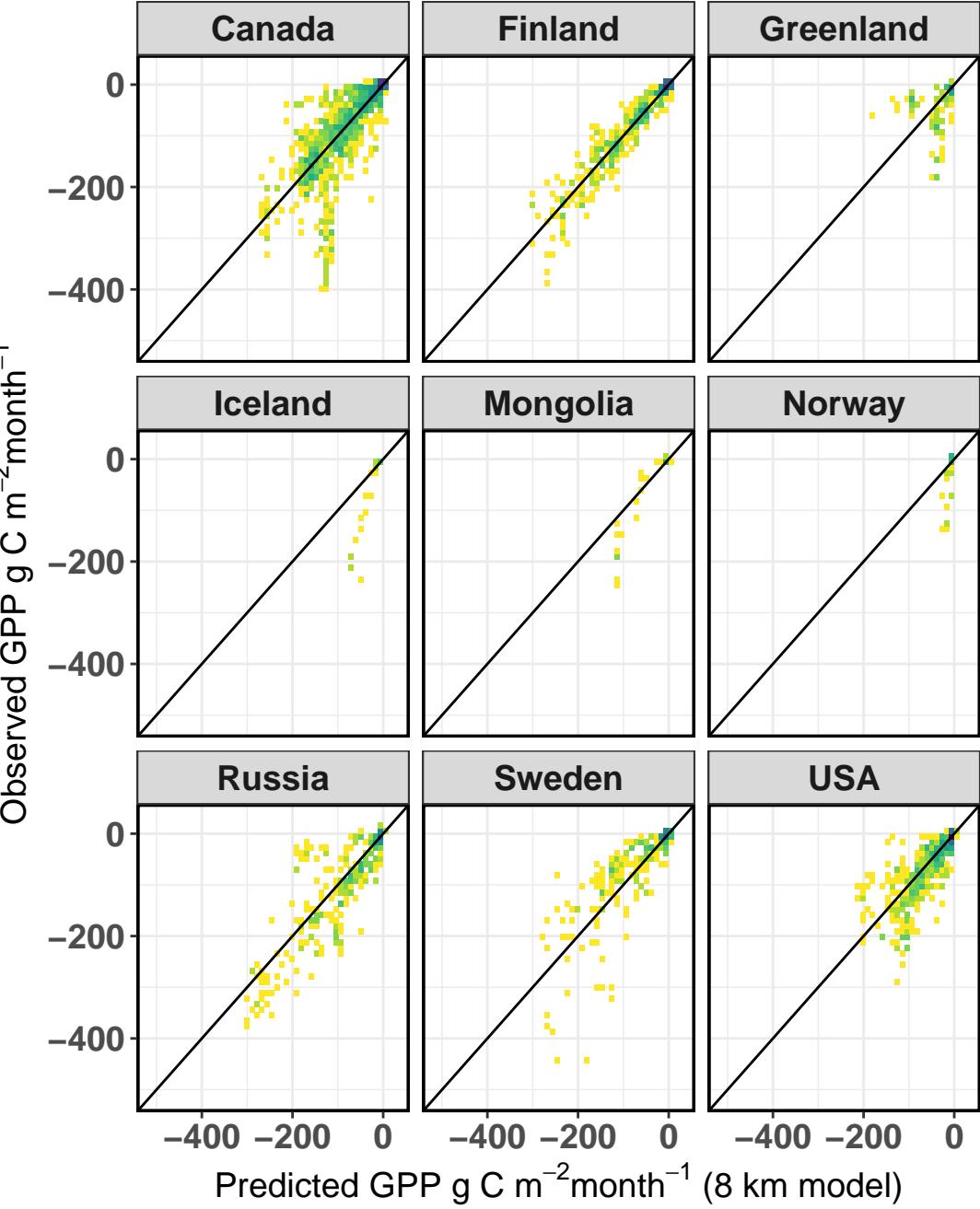
RMSE = 36.4

obs - pred



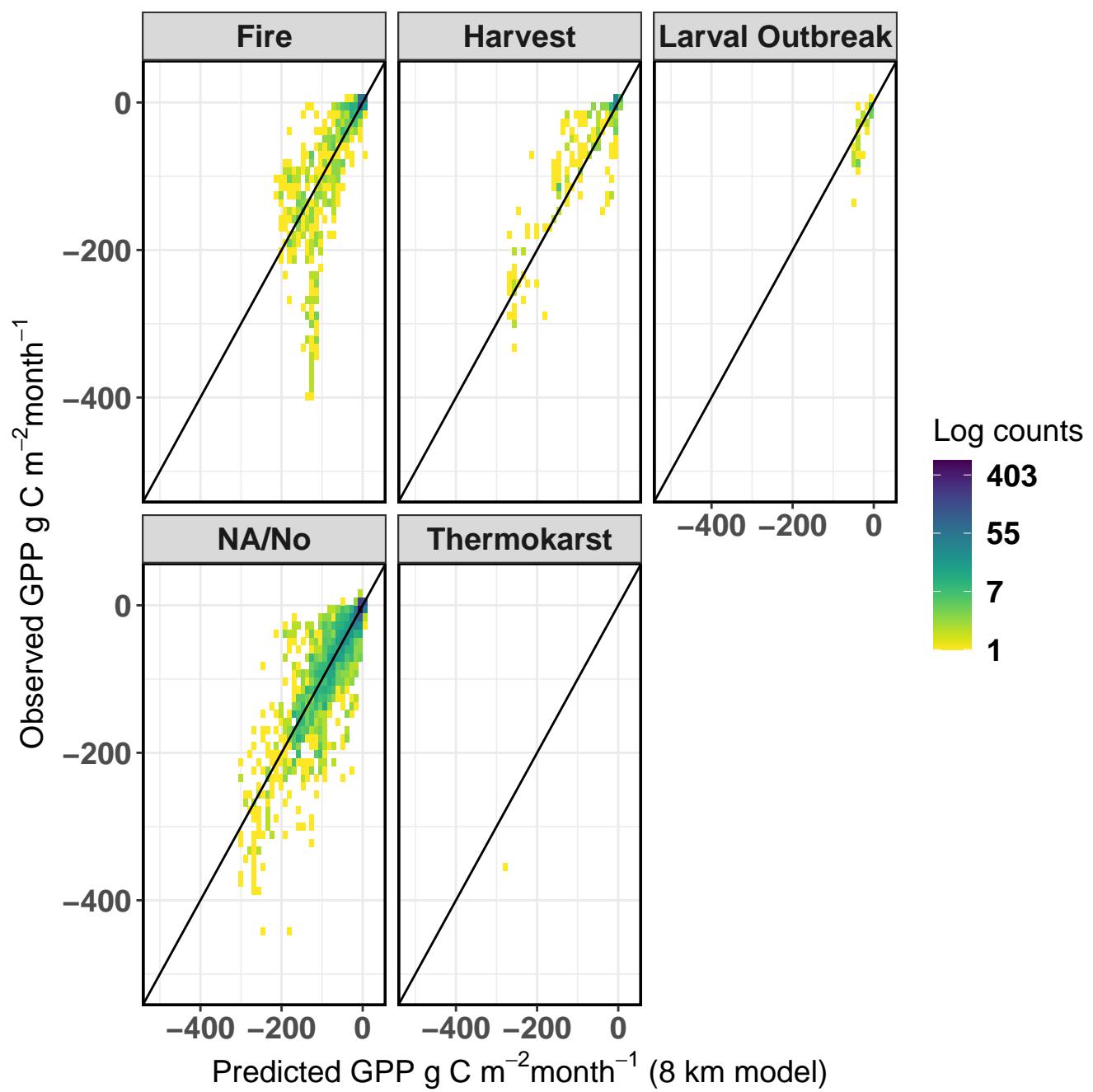


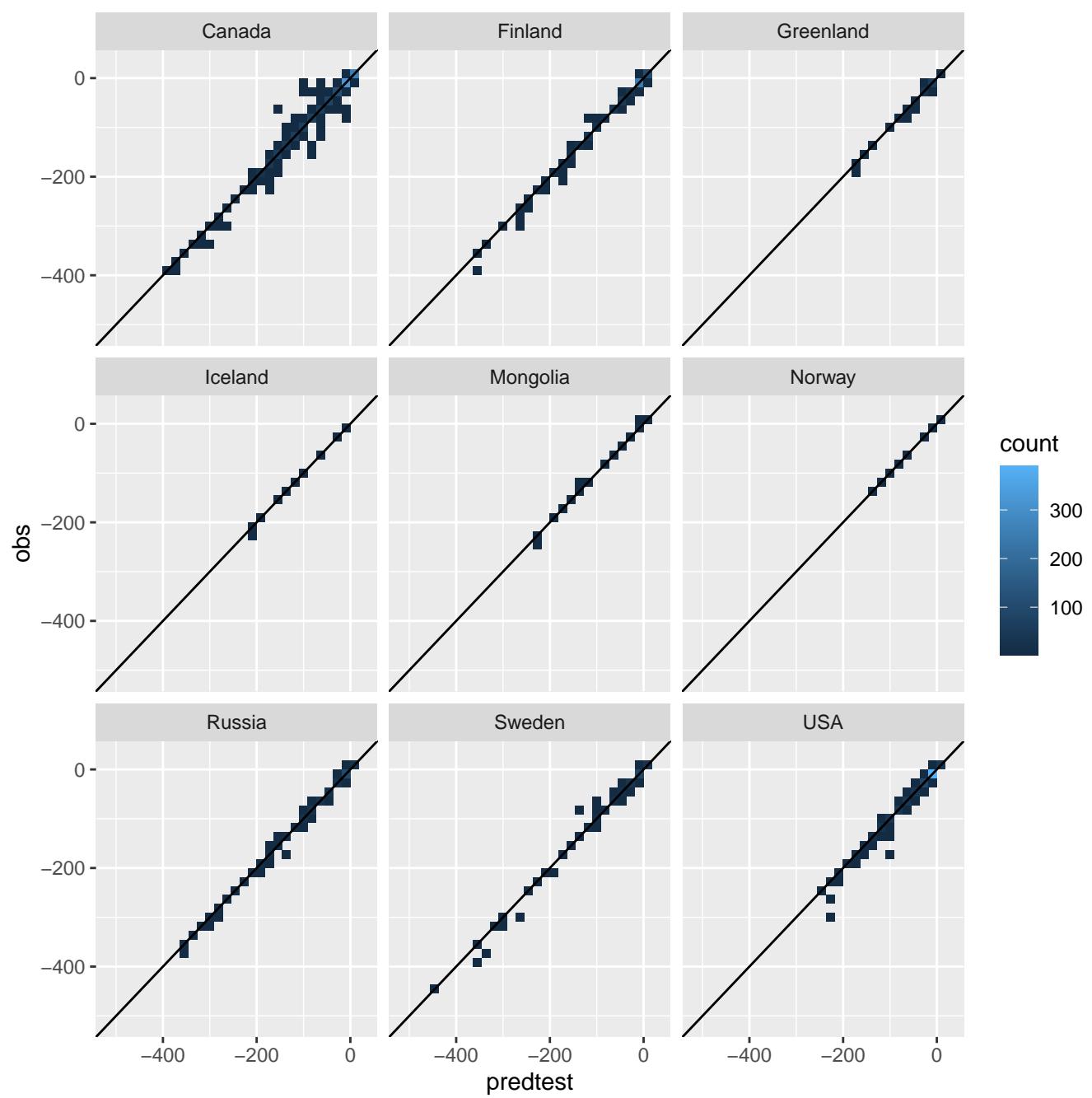
Observed GPP  $\text{g C m}^{-2}\text{month}^{-1}$

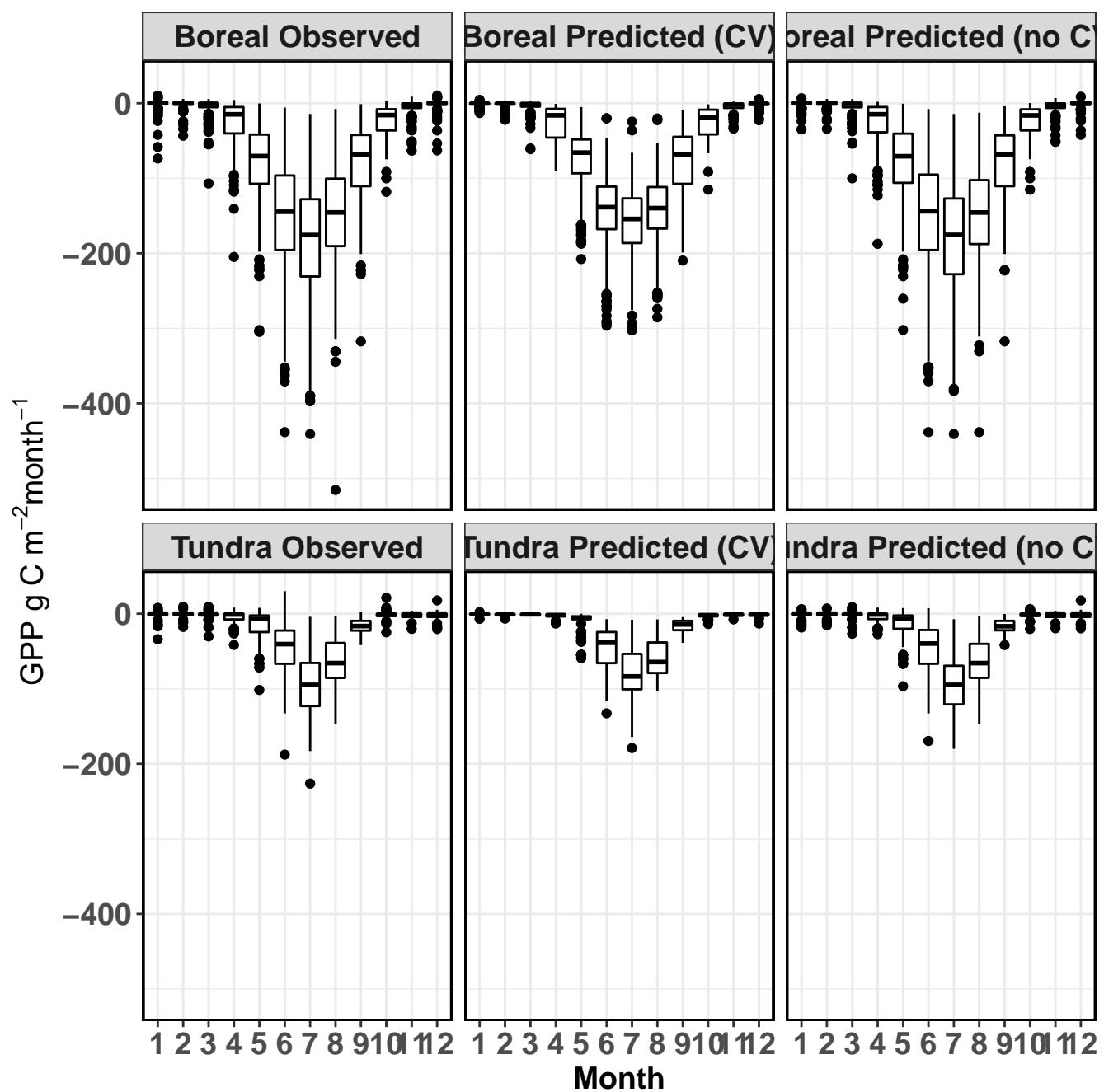


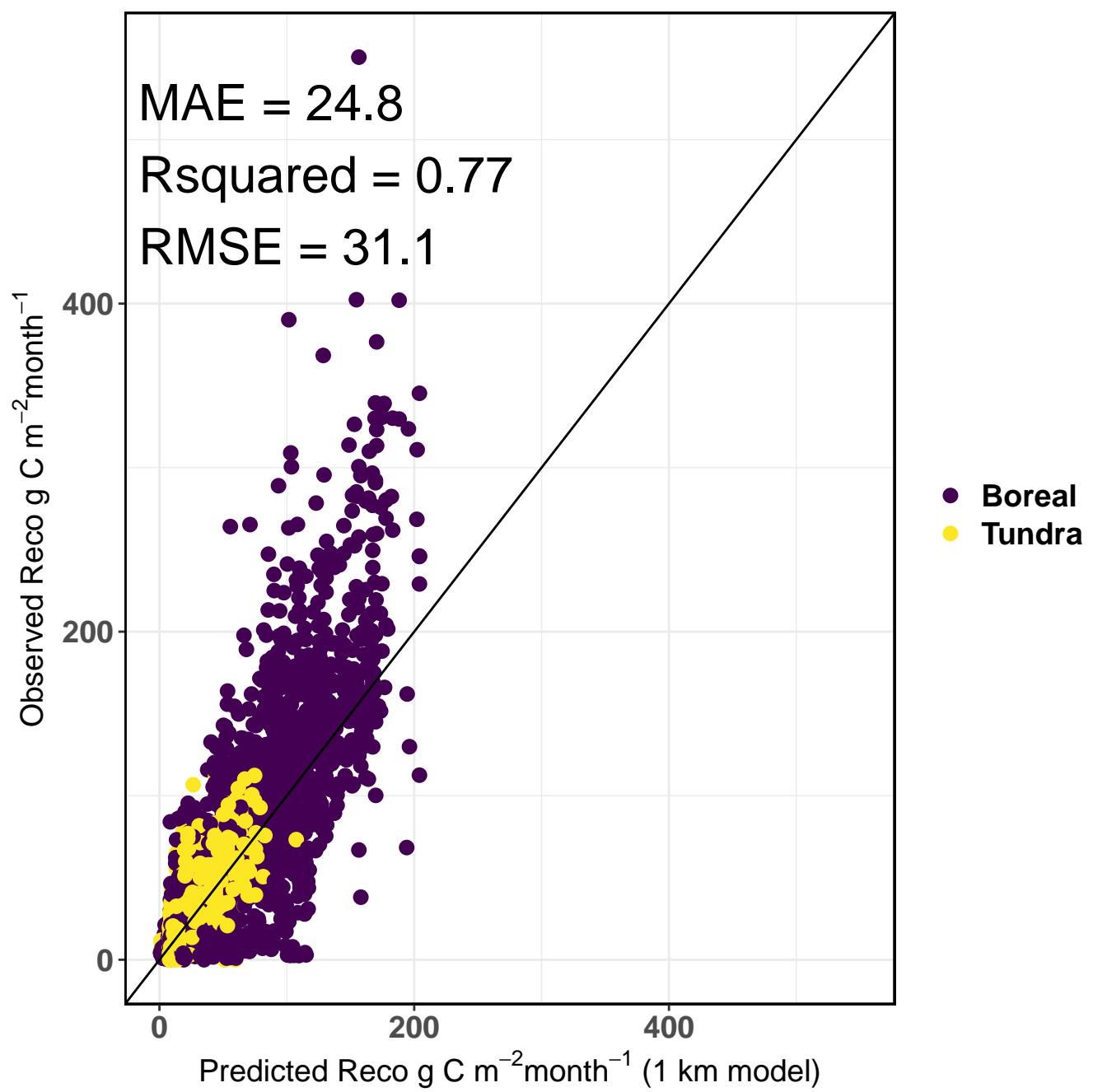
Log counts

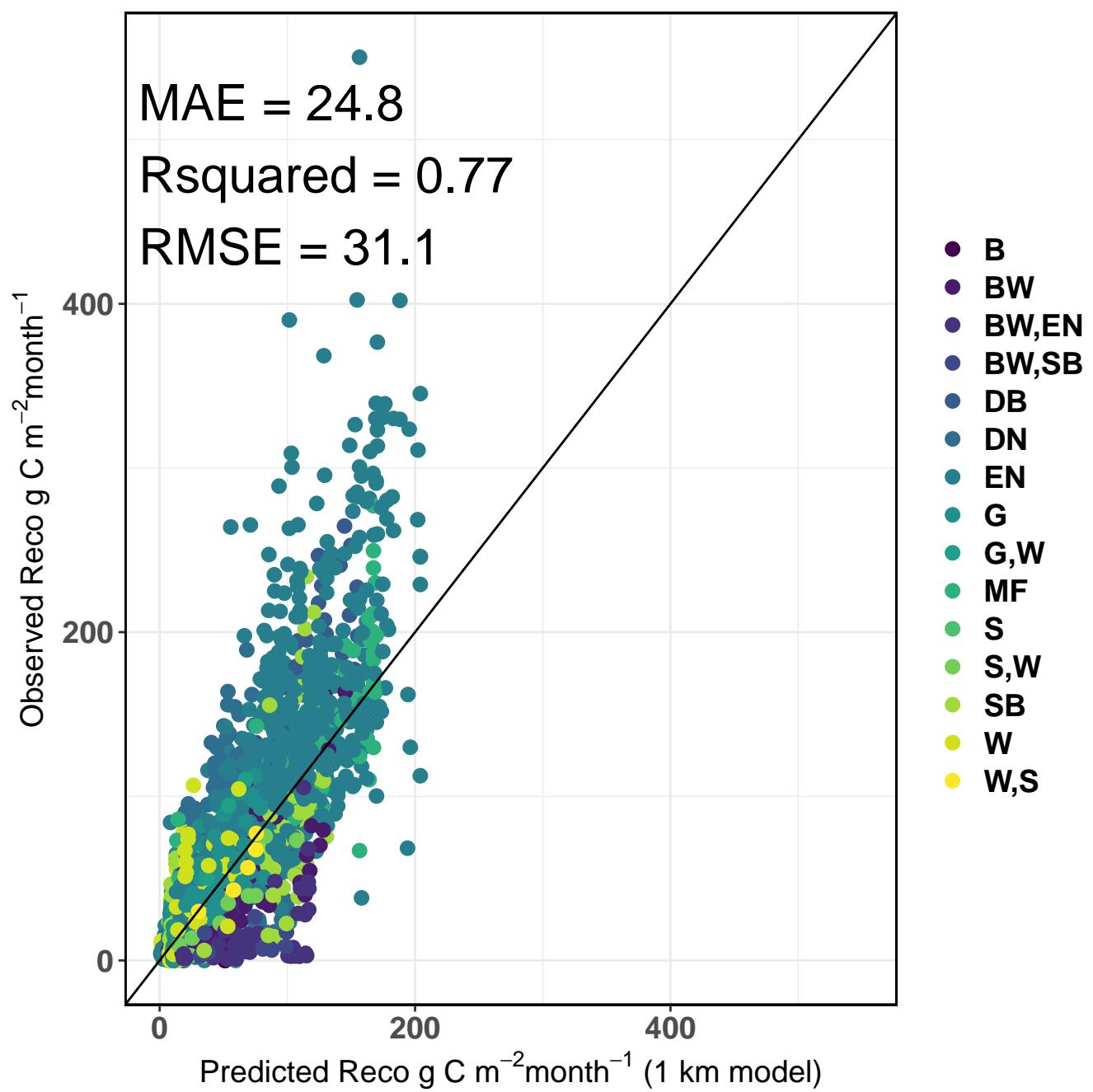


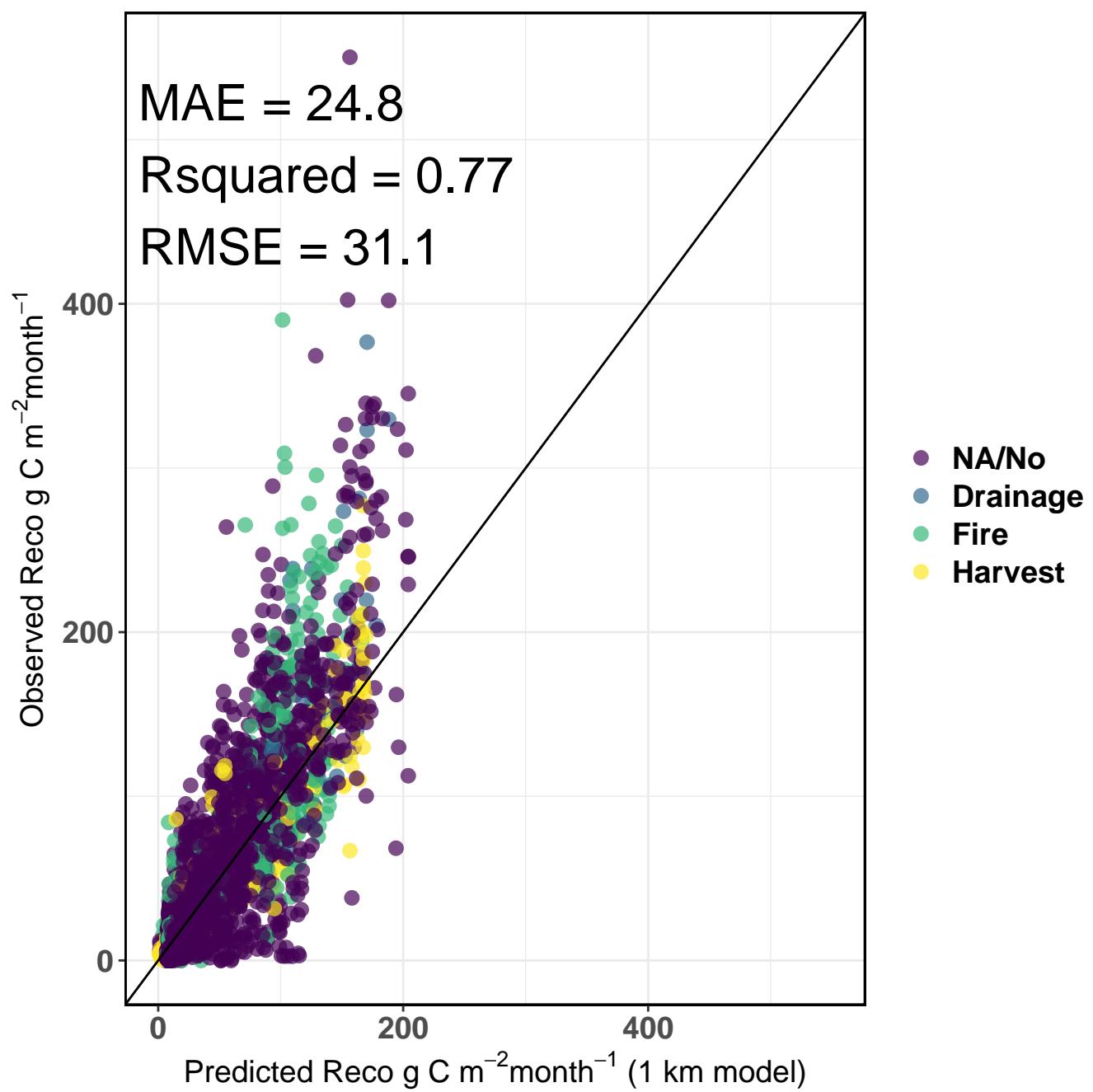


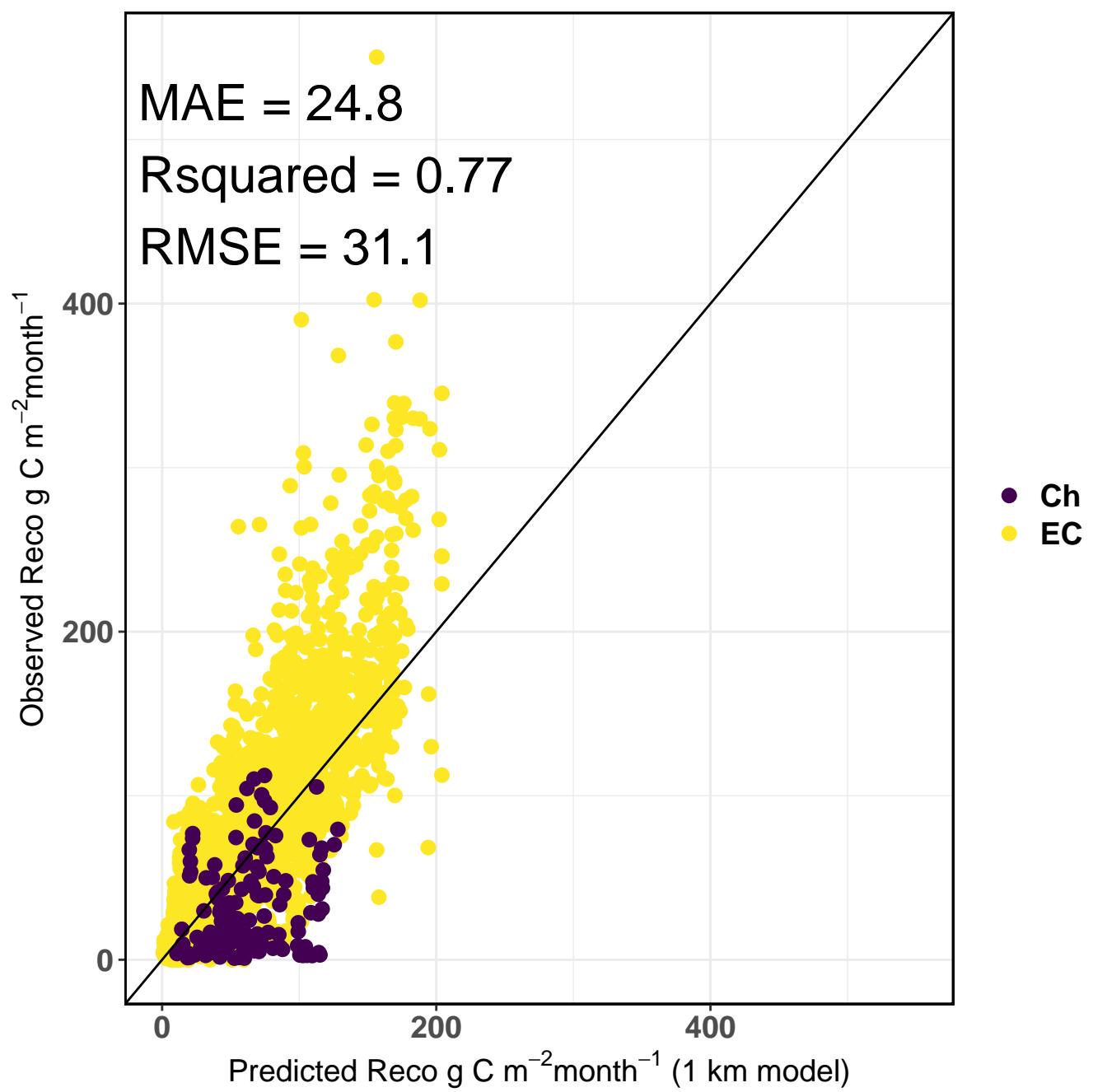








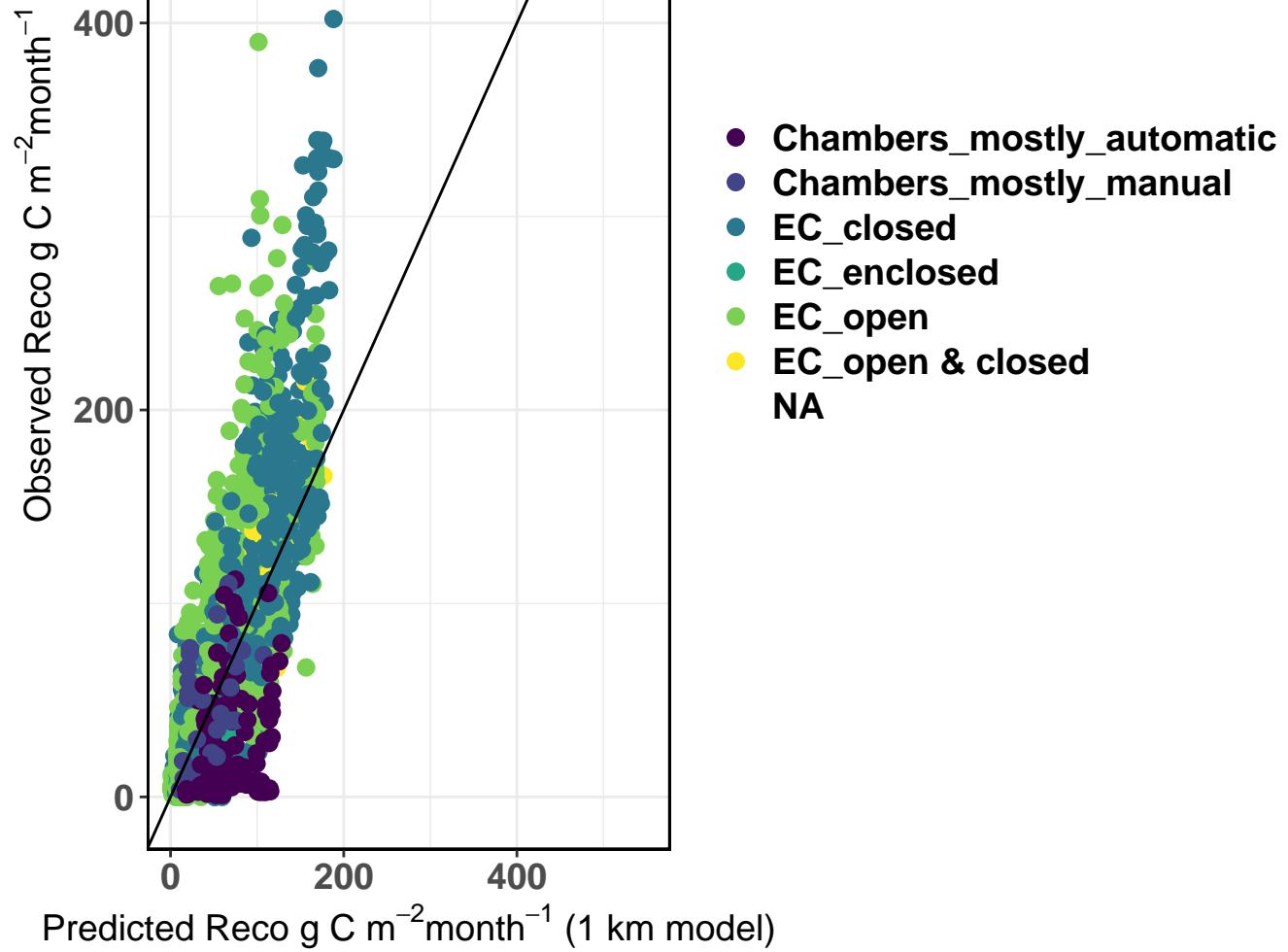


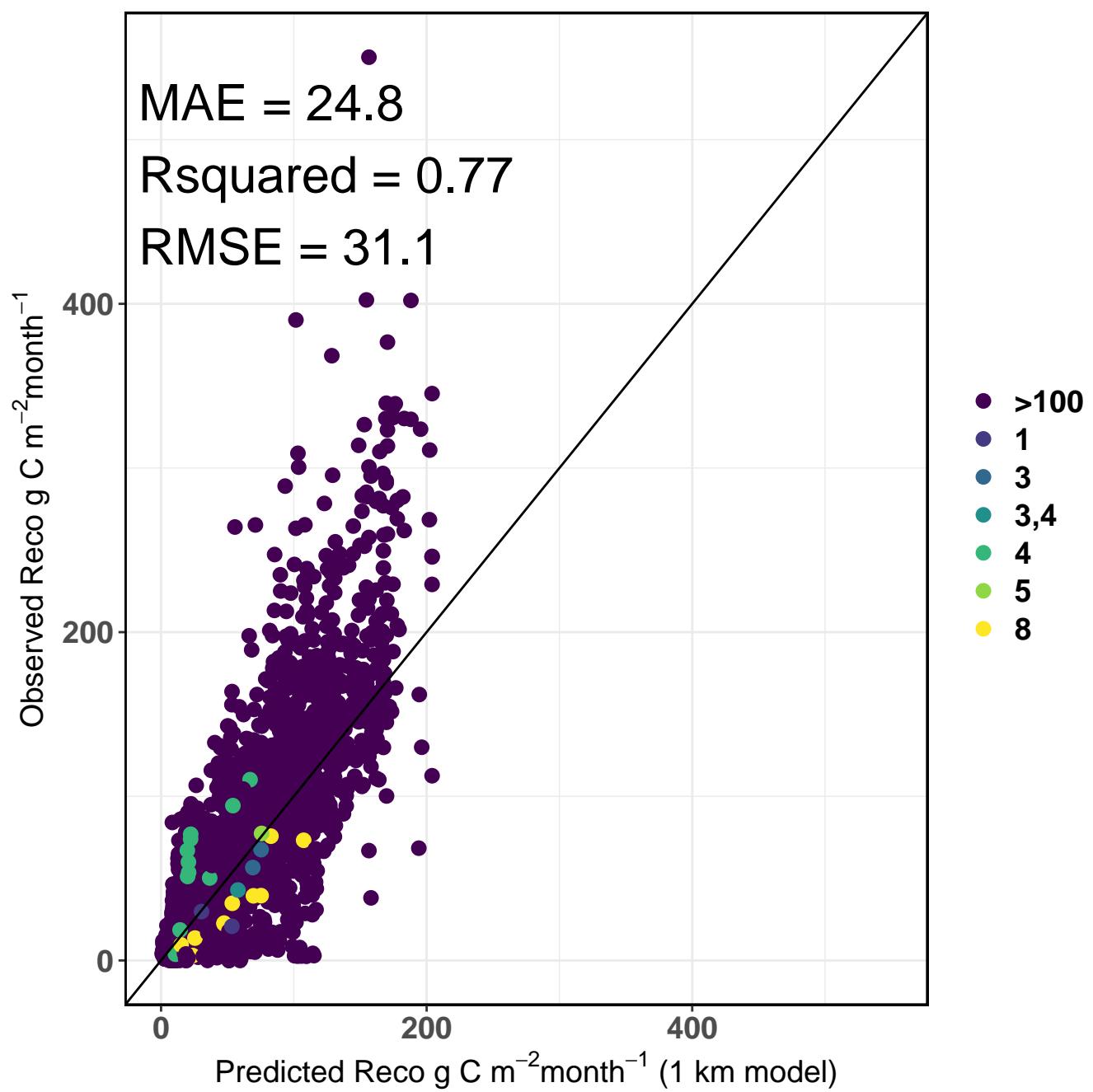


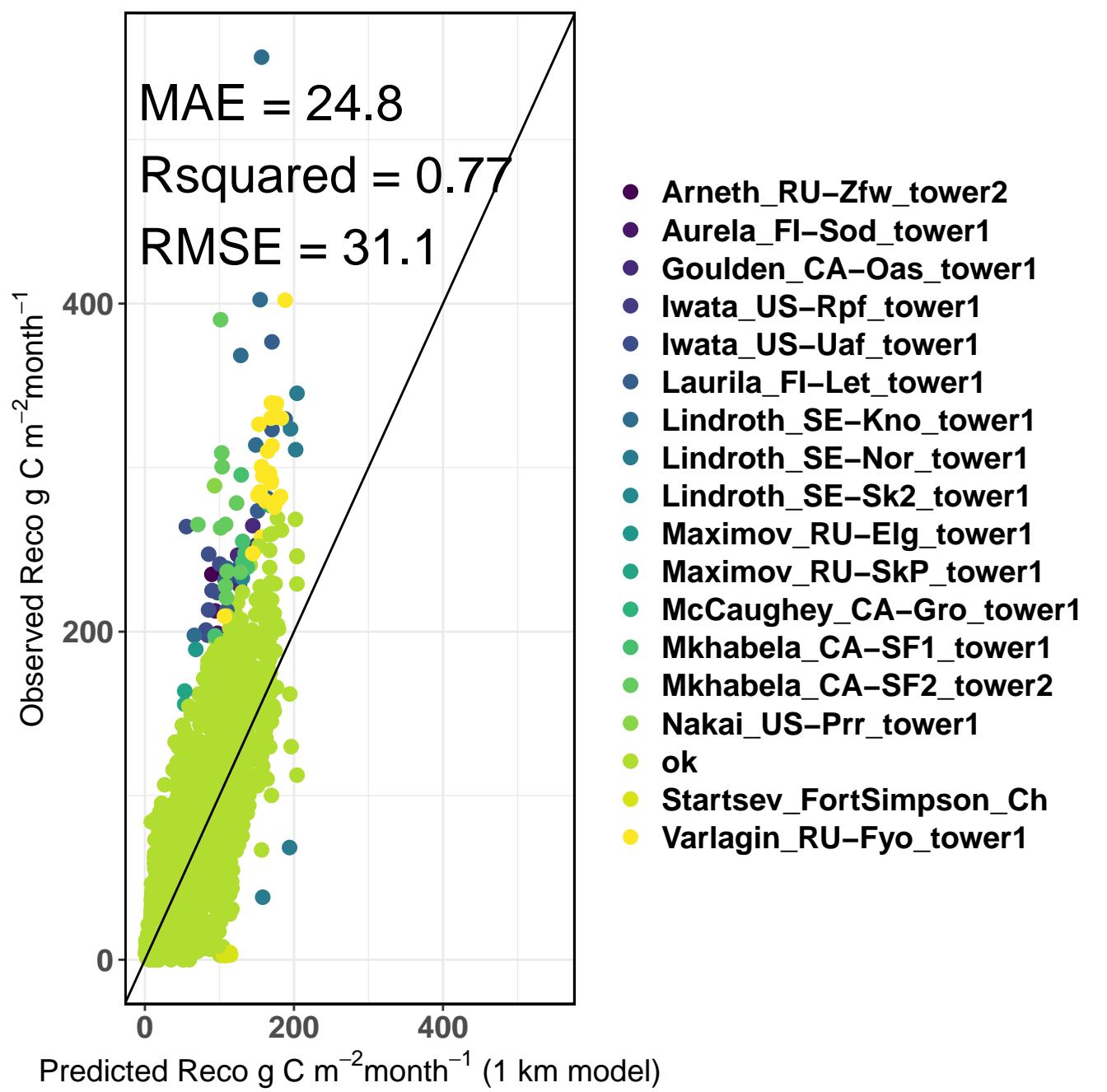
MAE = 24.8

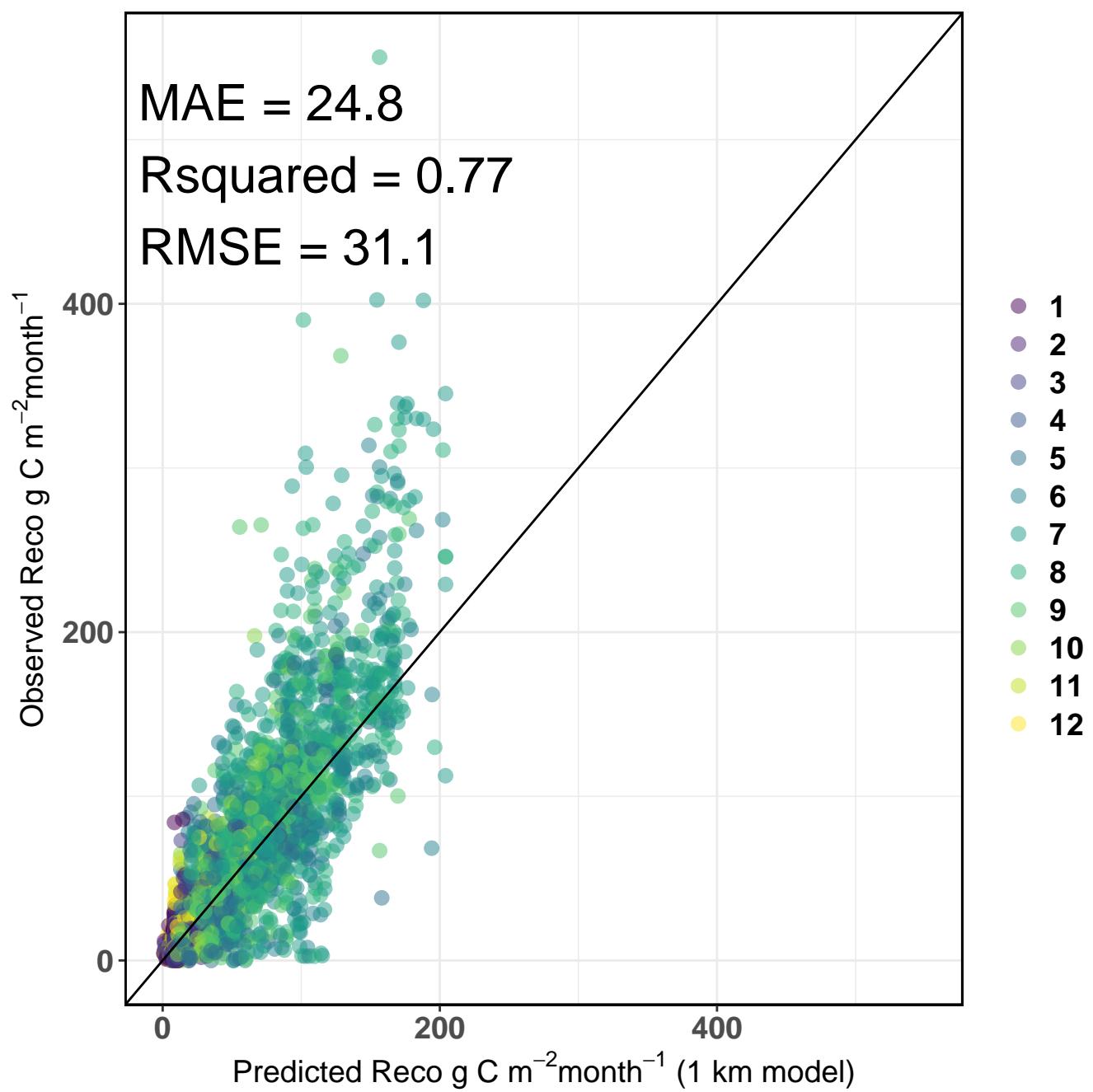
R squared = 0.77

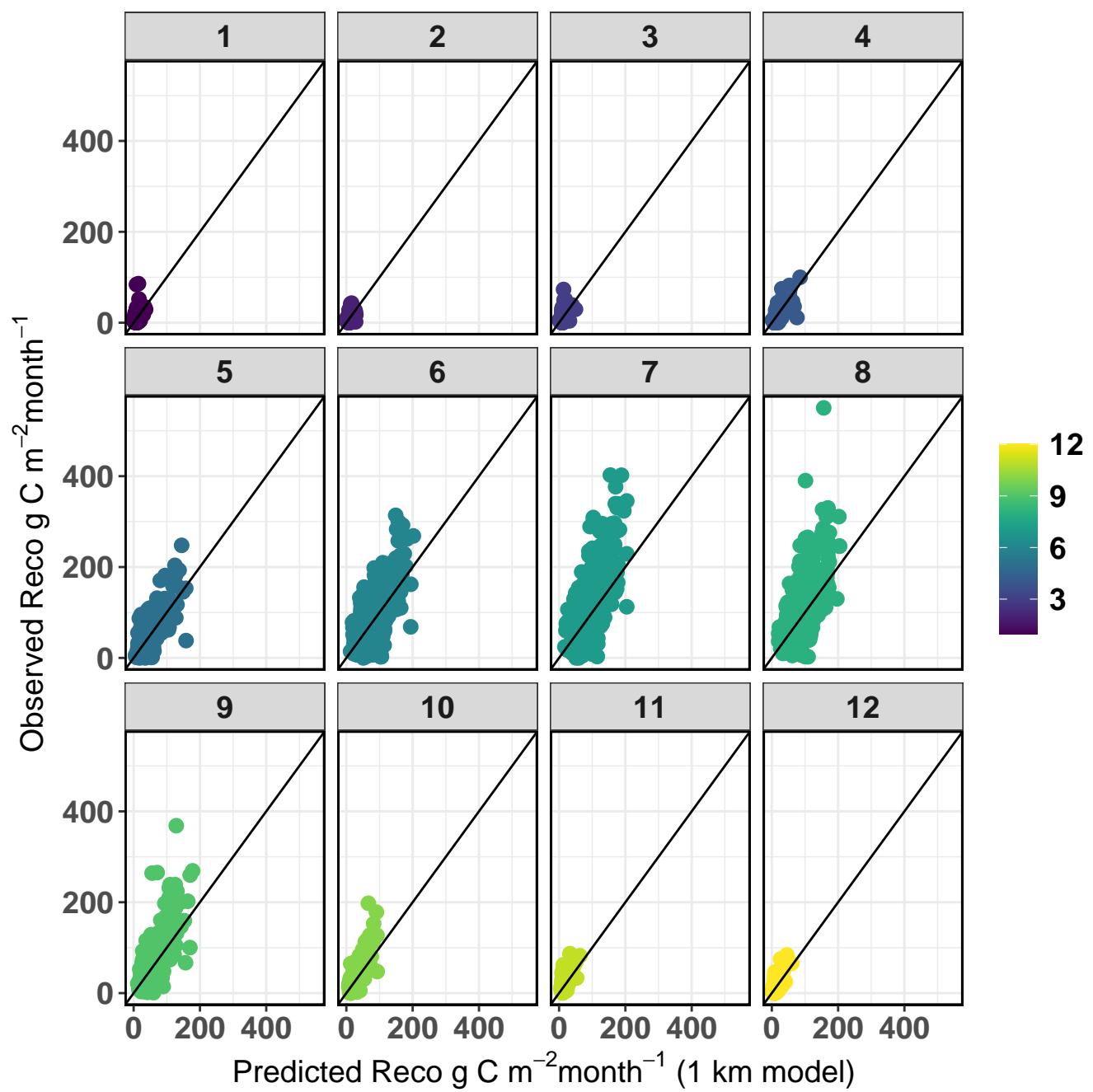
RMSE = 31.1







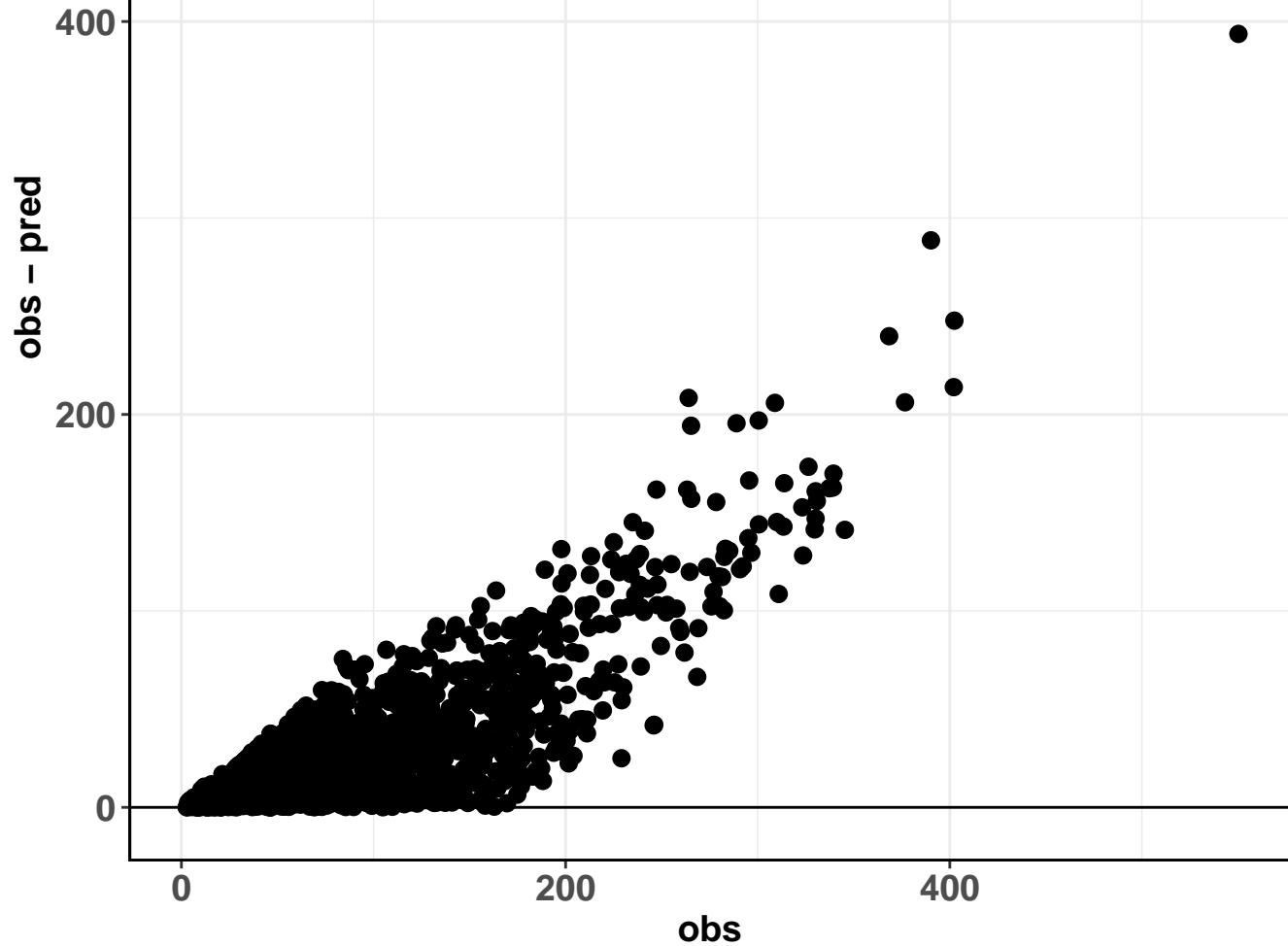




$MAE = 24.8$

$R^2 = 0.77$

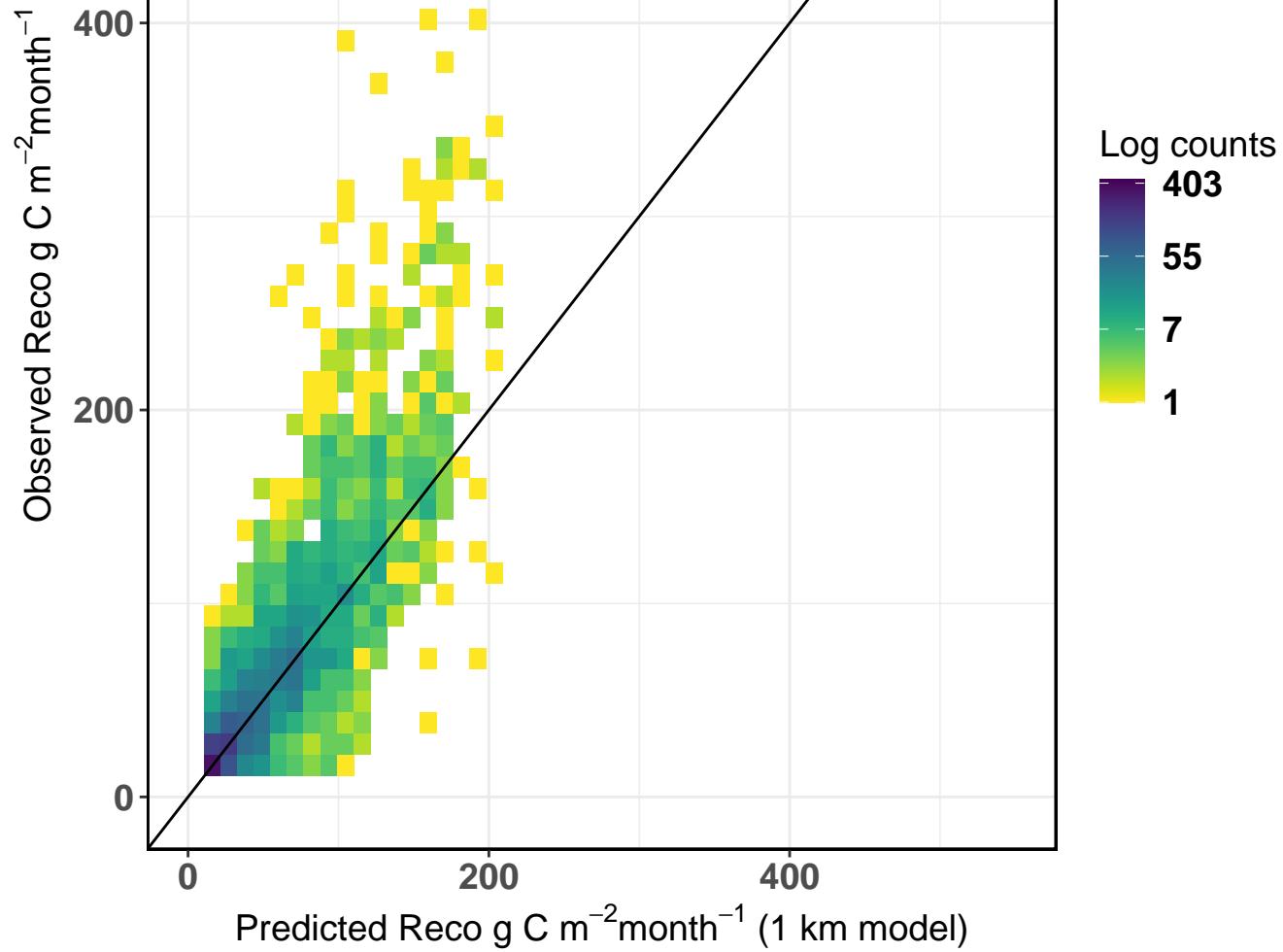
$RMSE = 31.1$

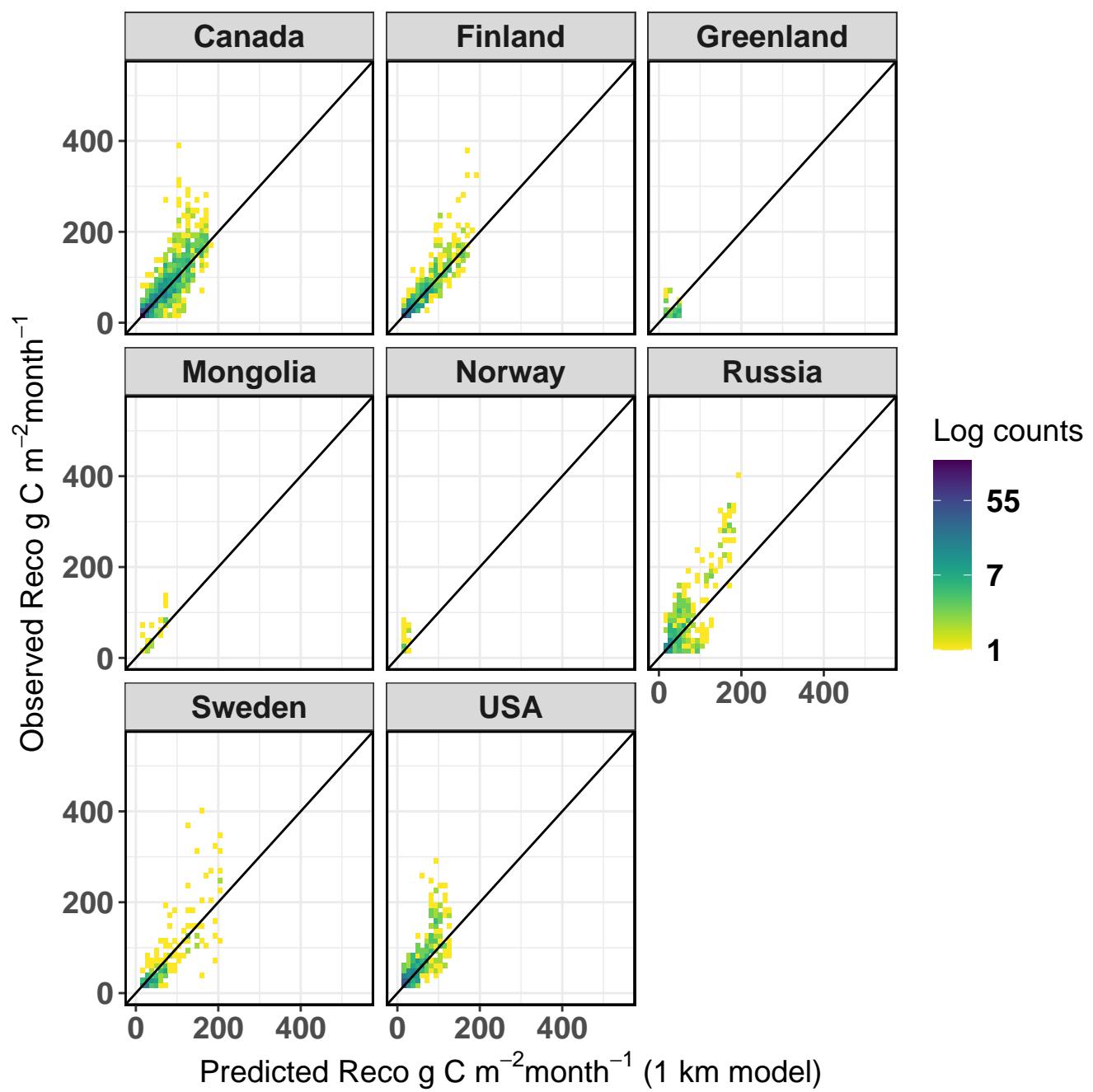


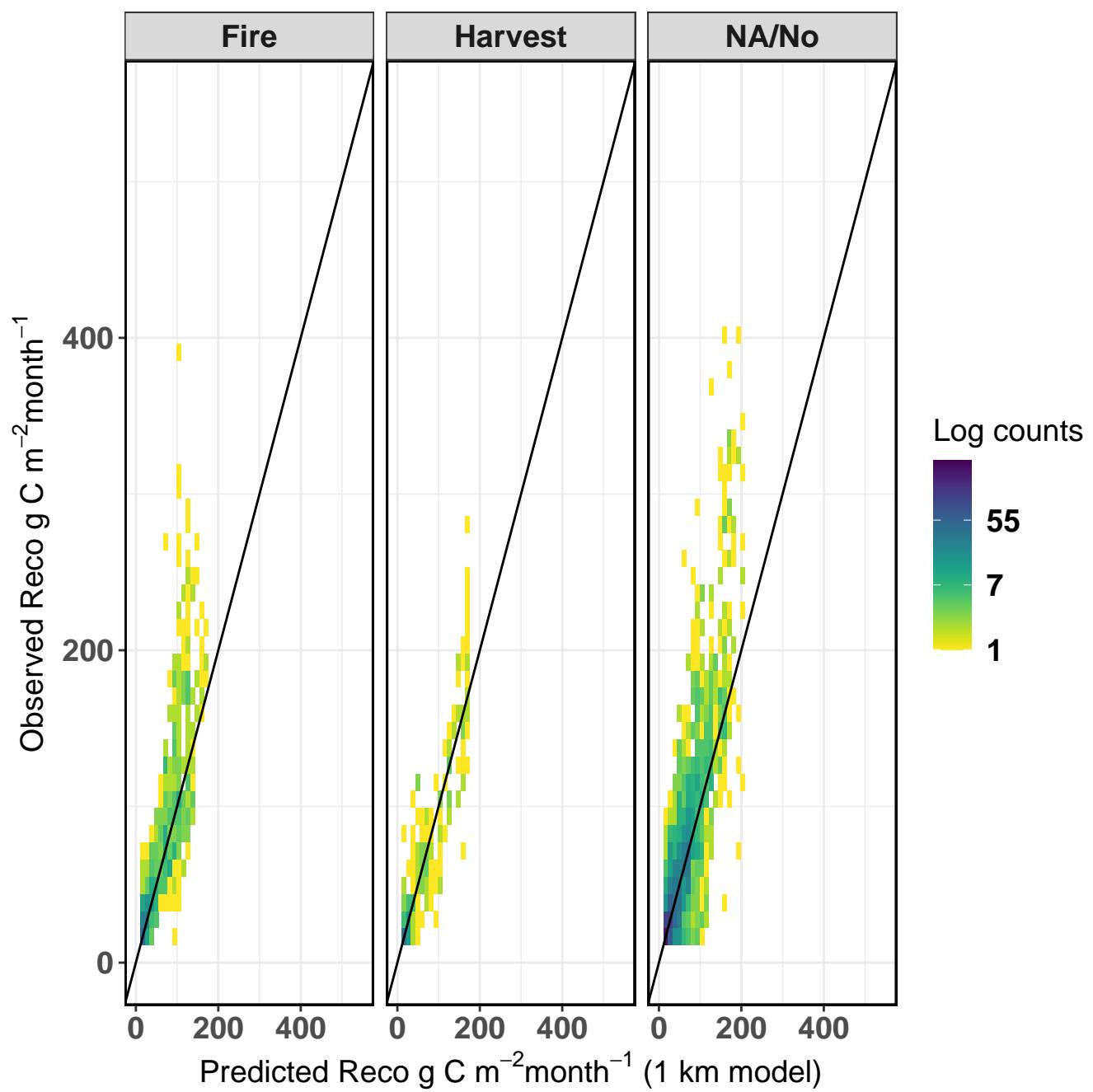
$MAE = 24.8$

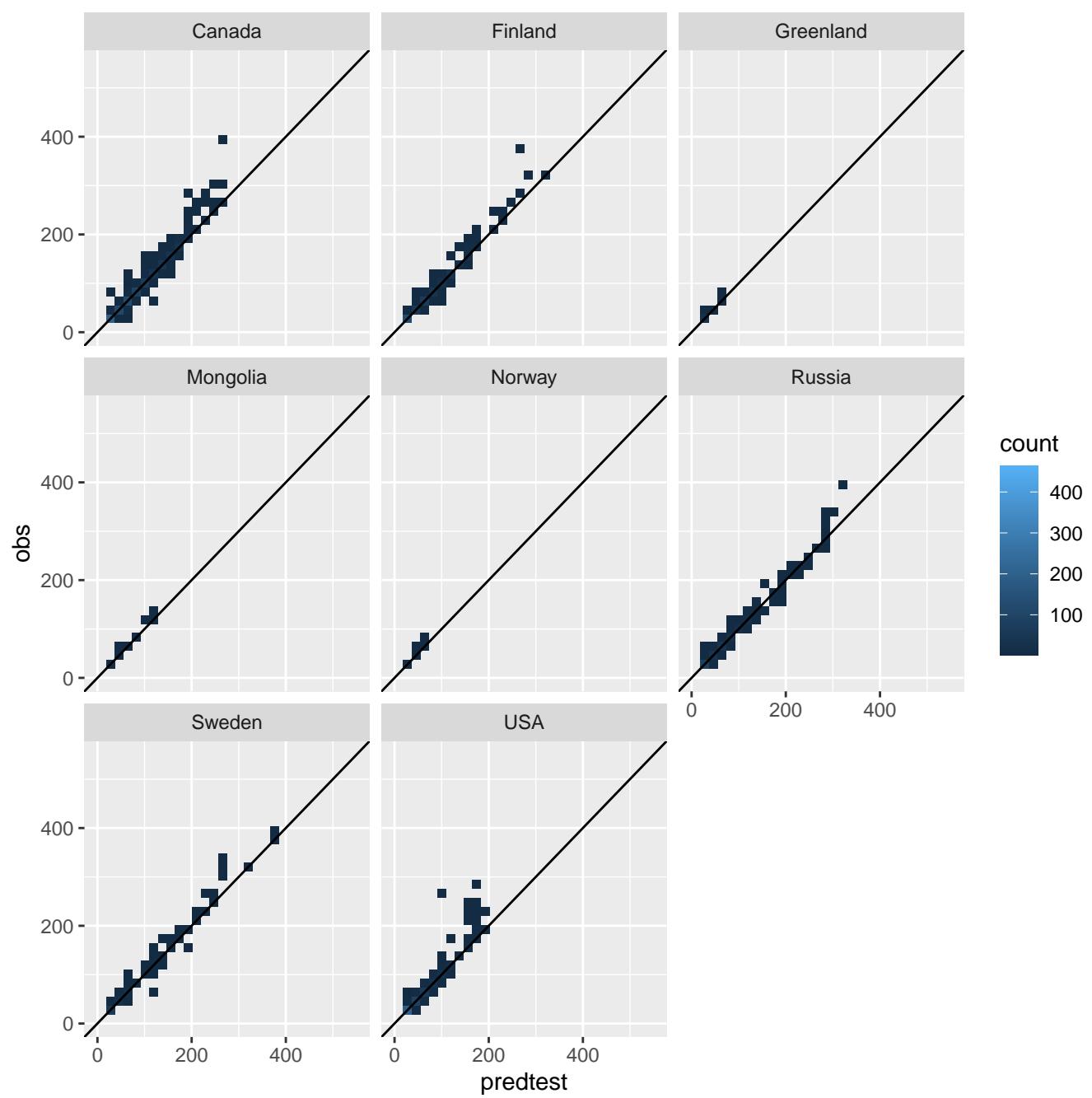
$R^2 = 0.77$

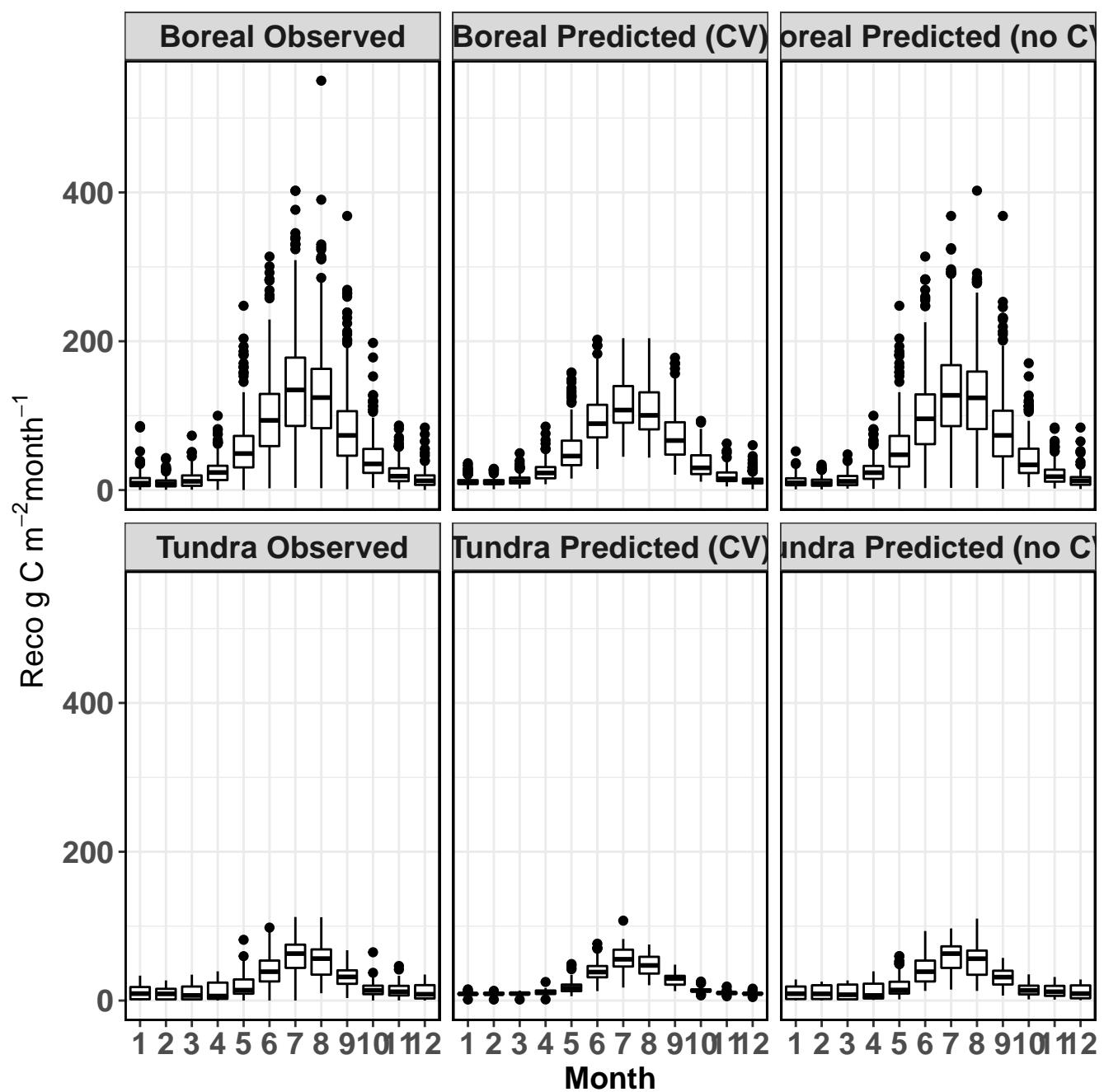
$RMSE = 31.1$

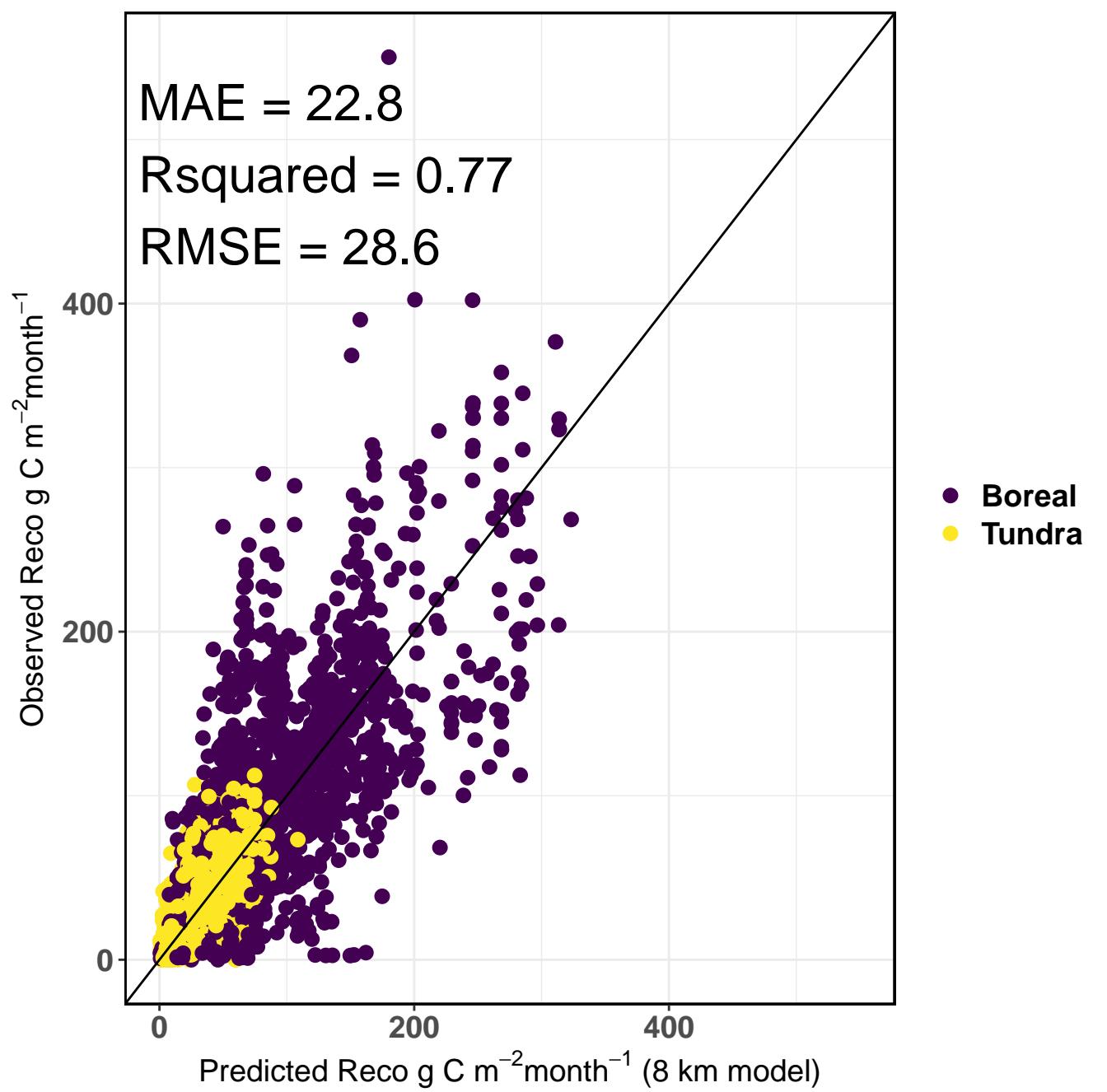


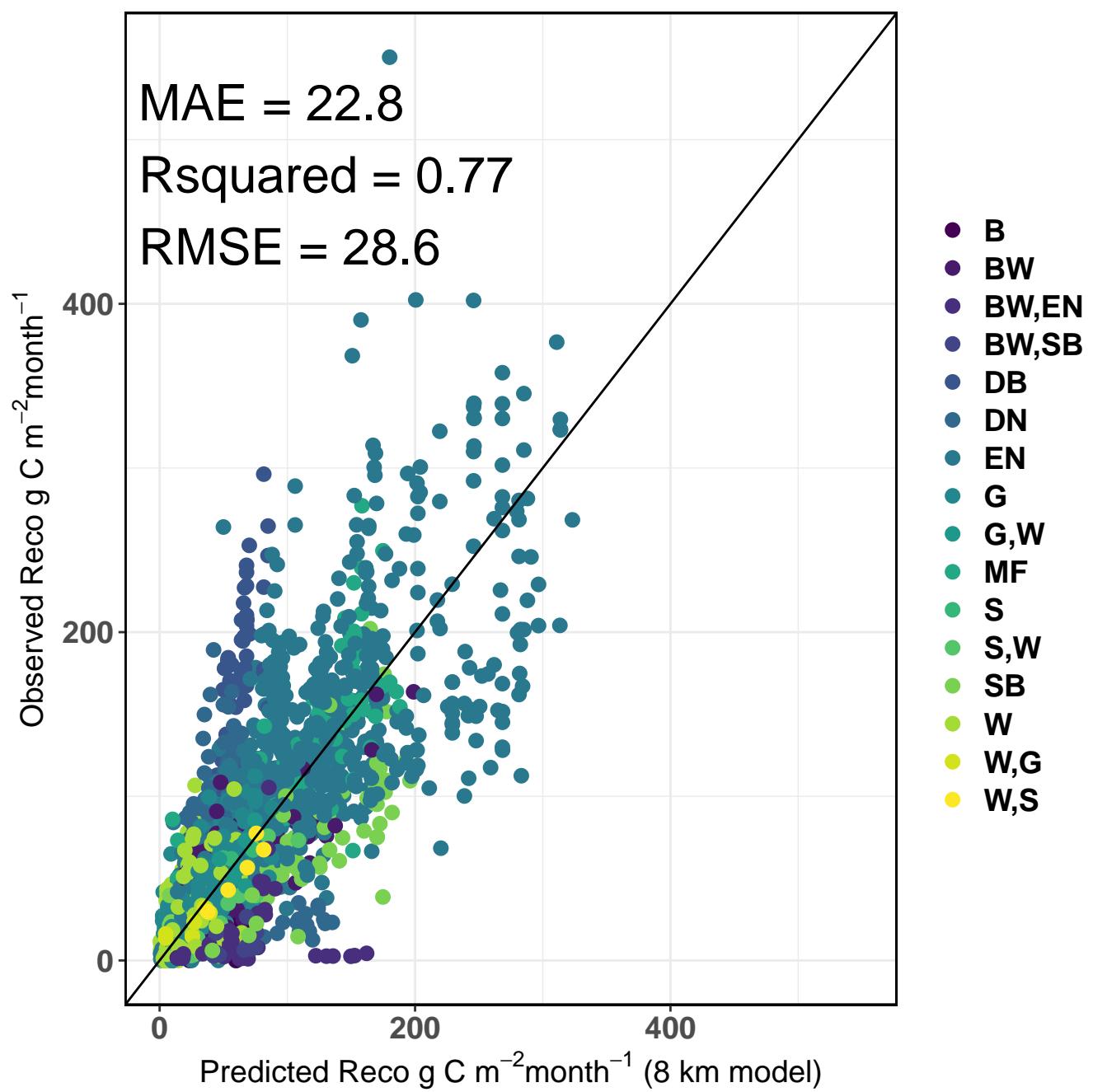


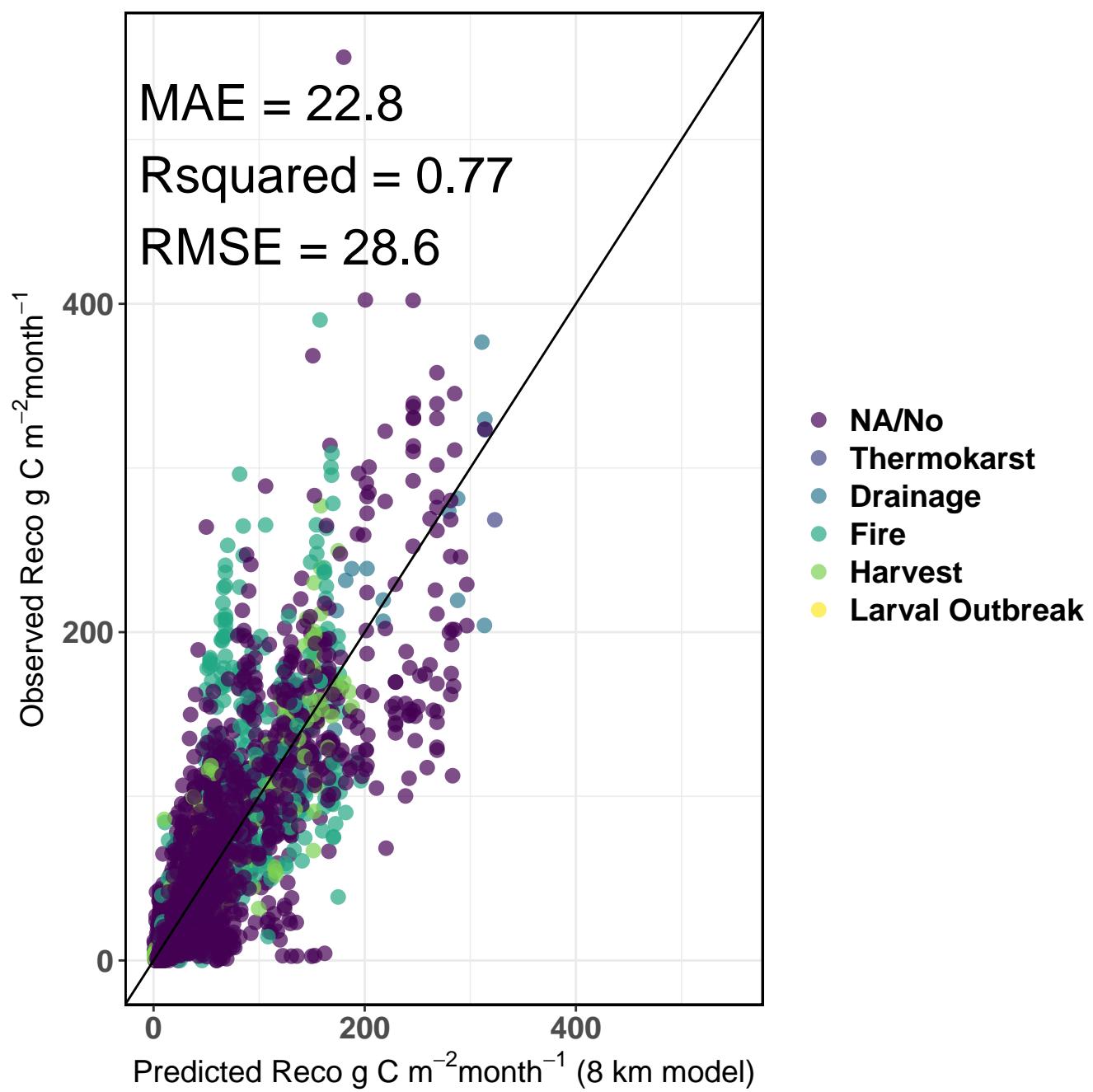


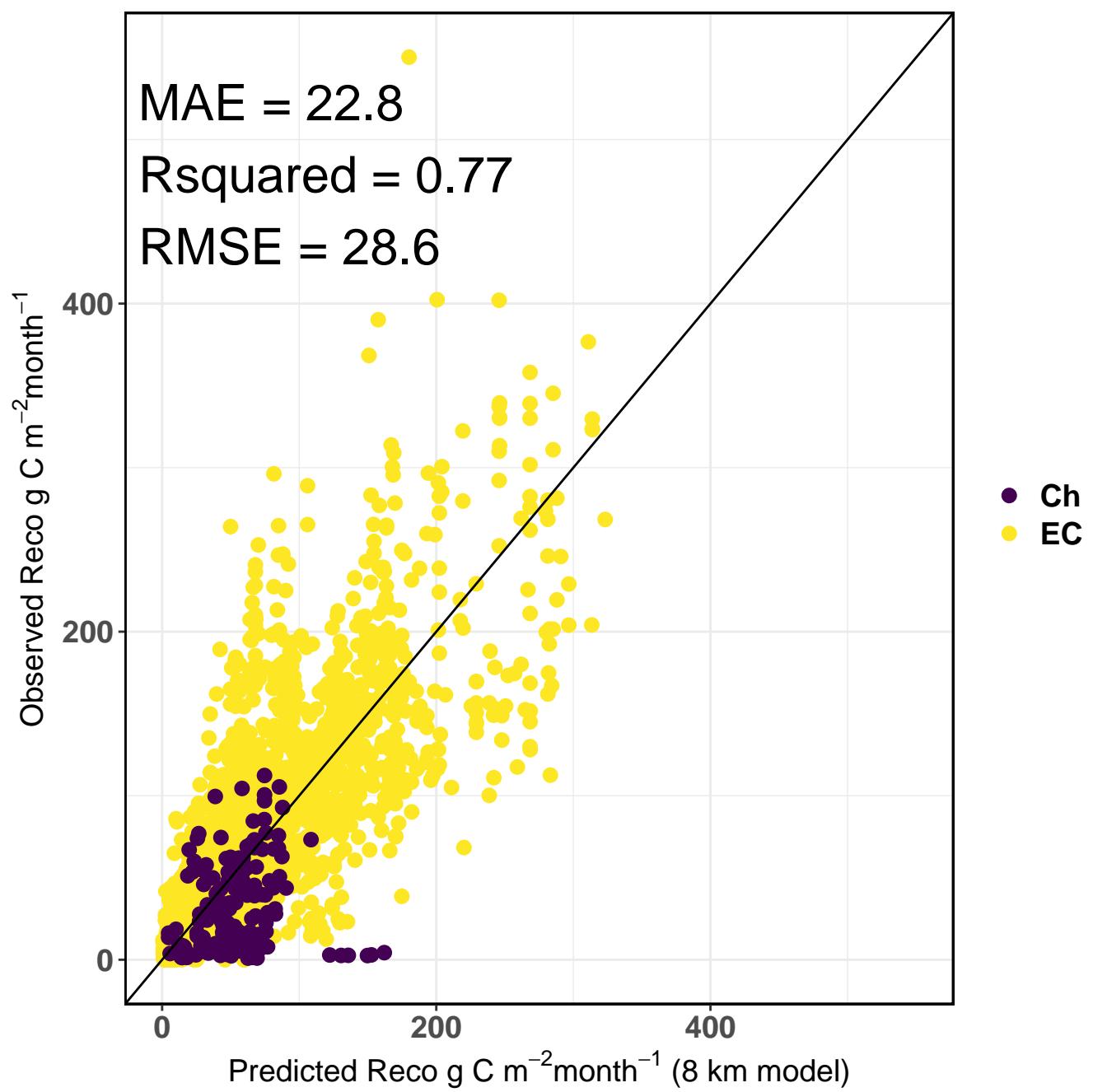








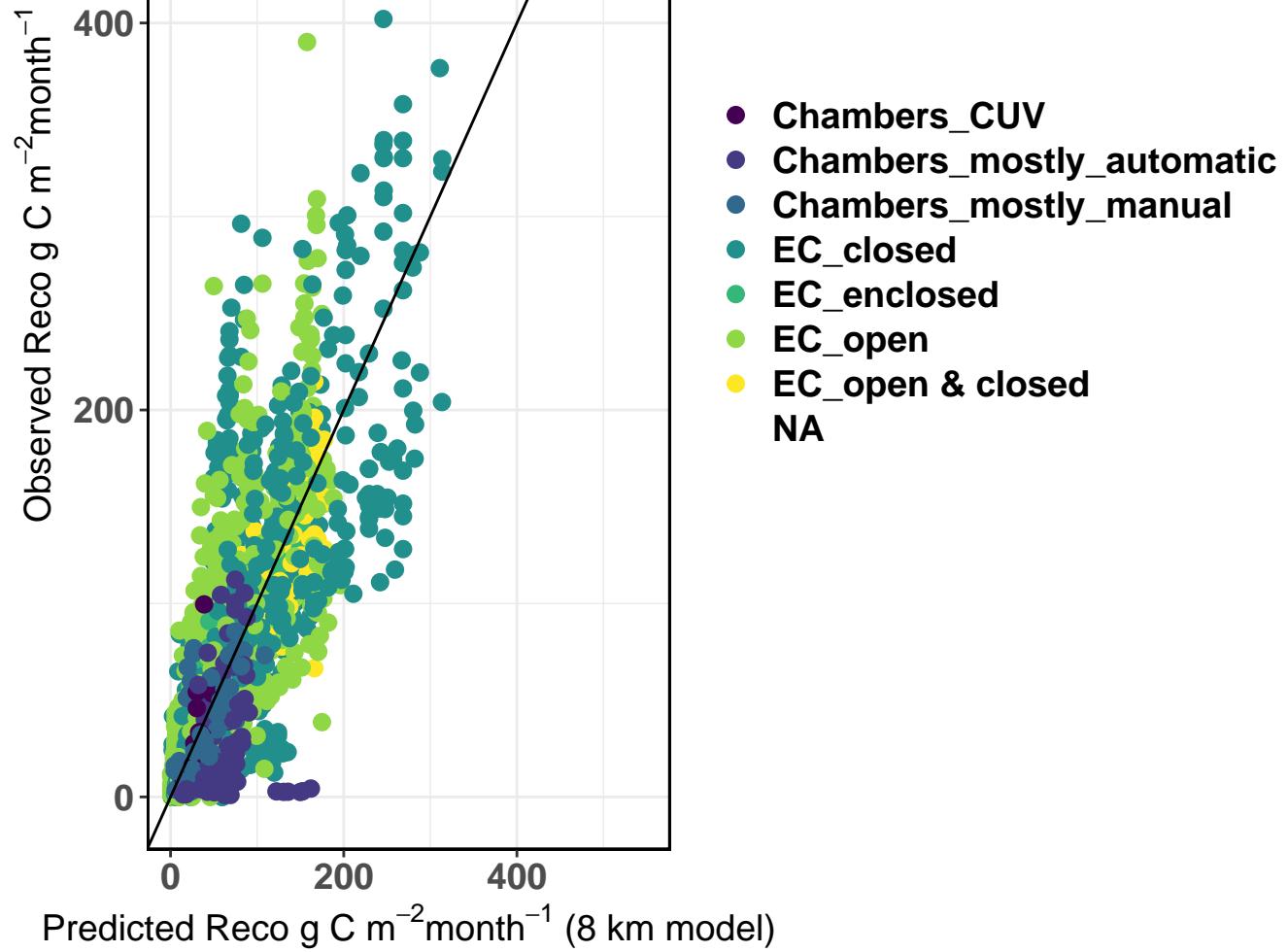


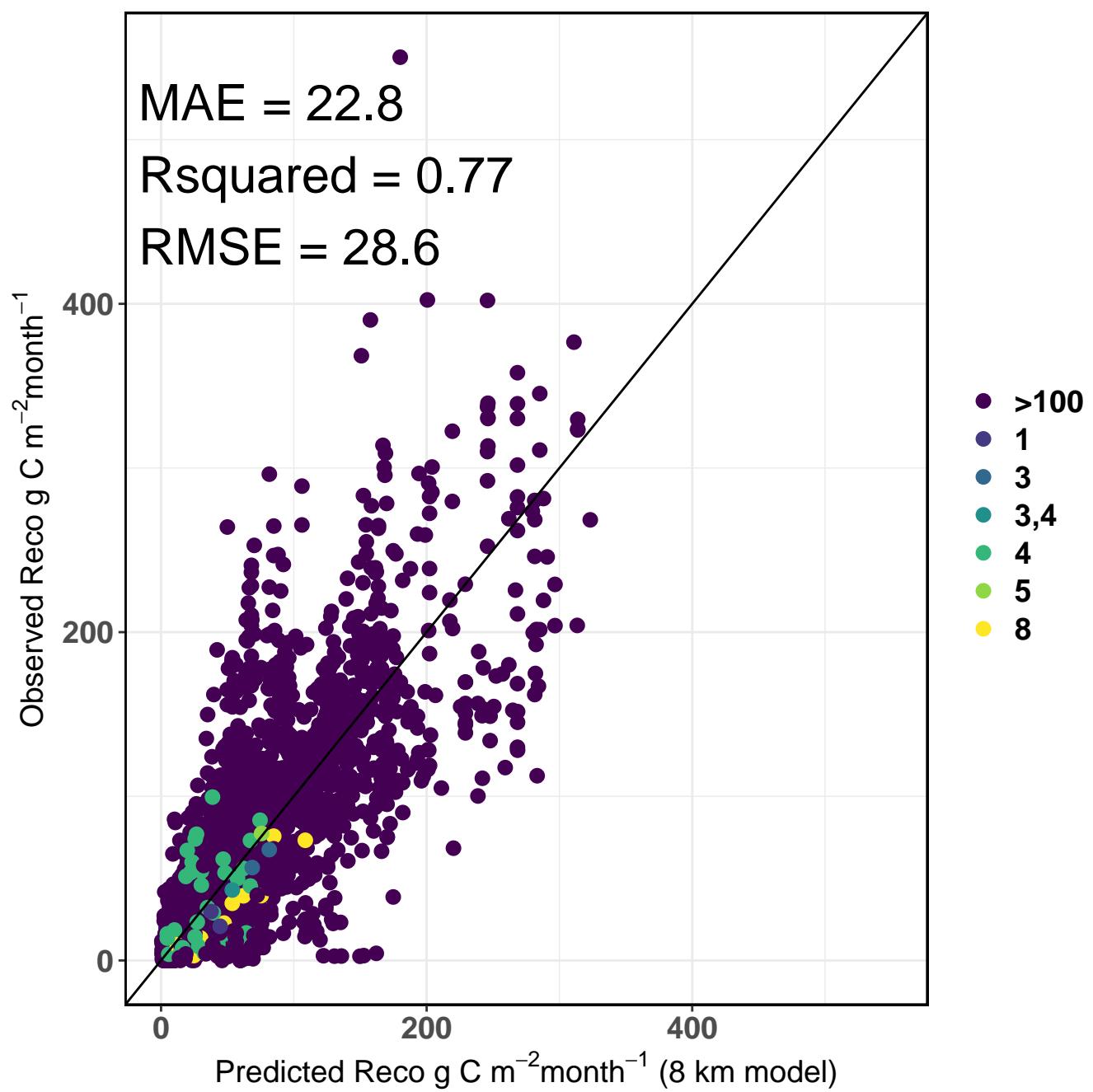


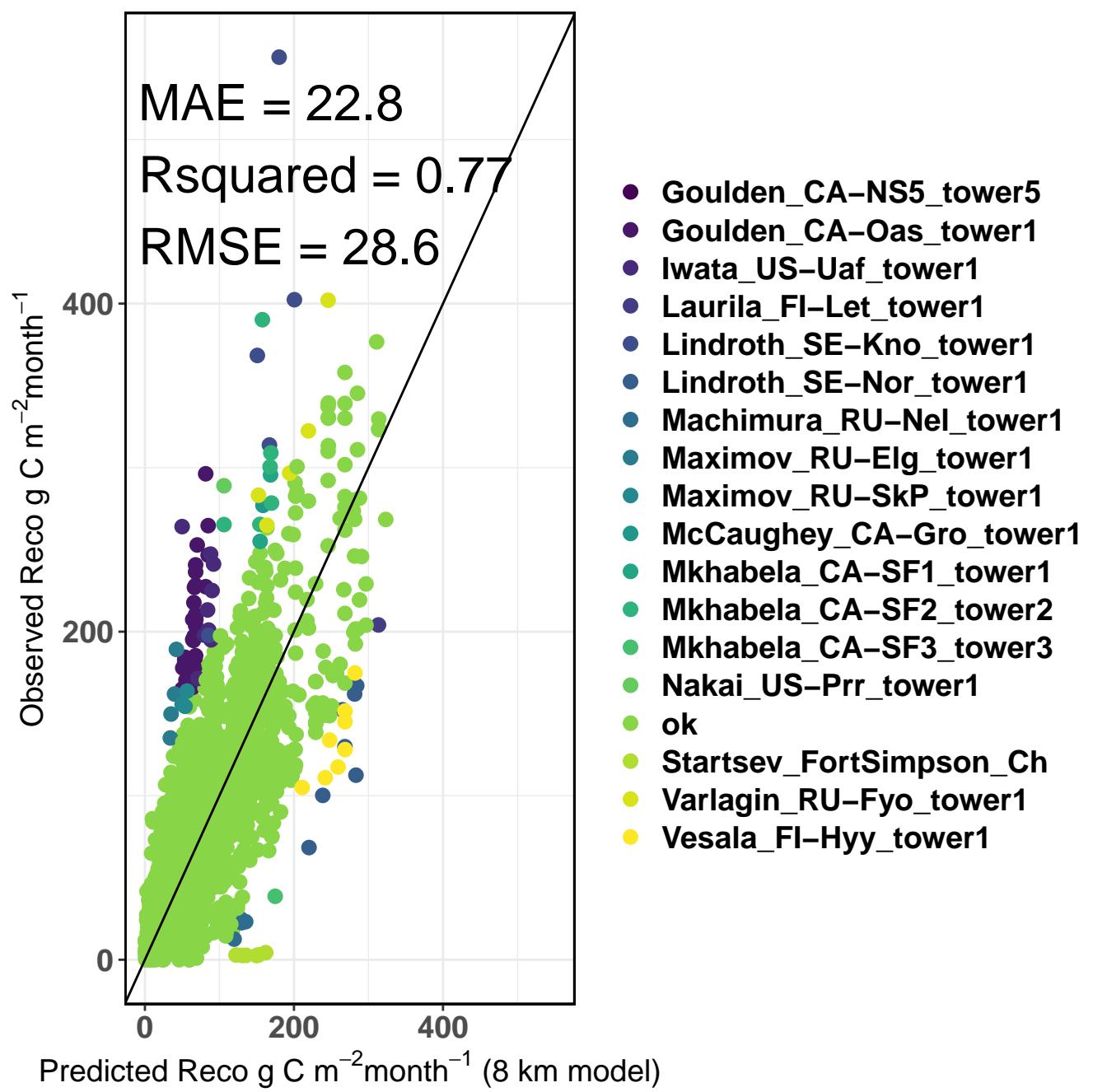
MAE = 22.8

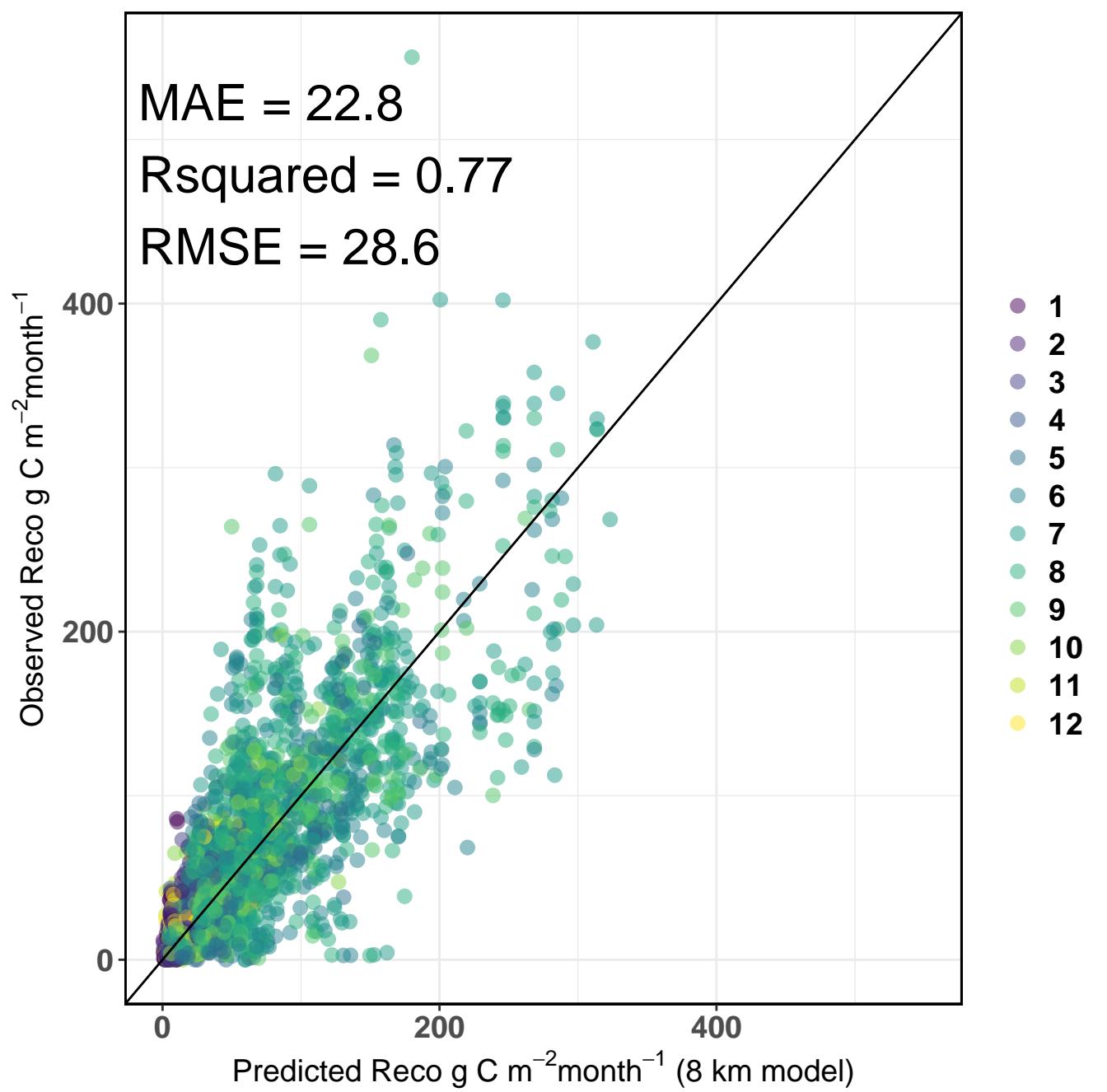
R squared = 0.77

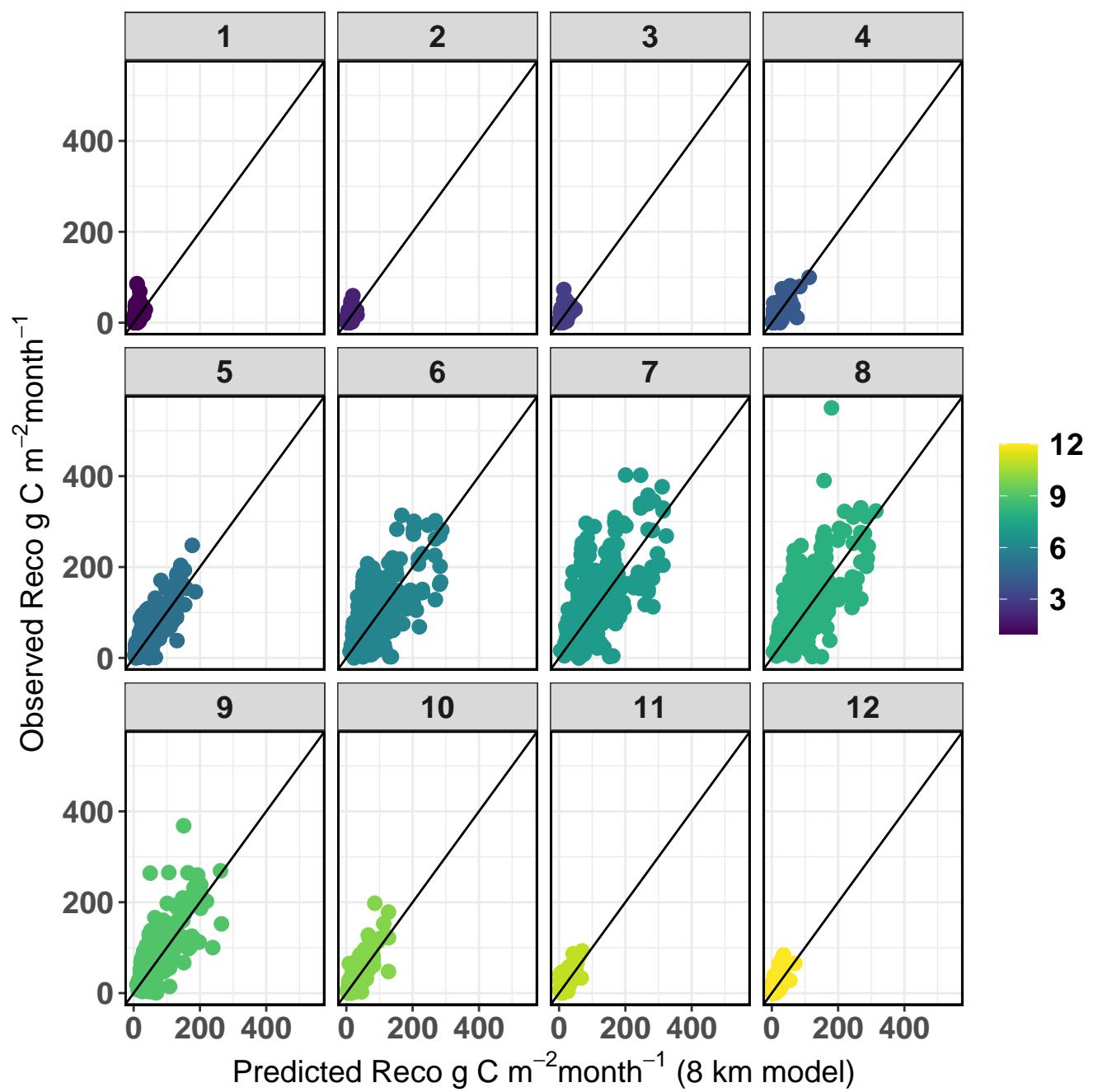
RMSE = 28.6







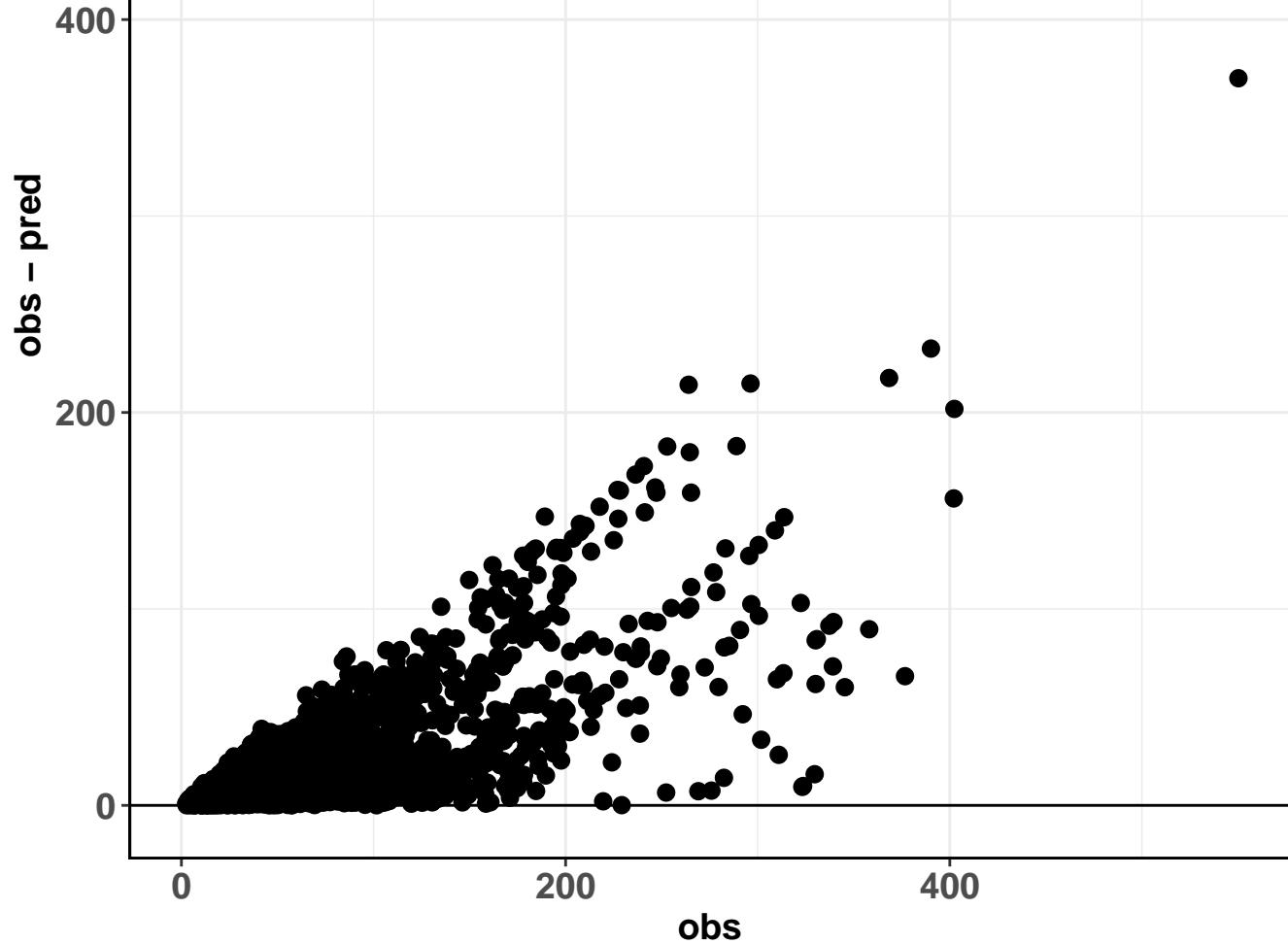




$MAE = 22.8$

$R^2 = 0.77$

$RMSE = 28.6$



MAE = 22.8

R squared = 0.77

RMSE = 28.6

