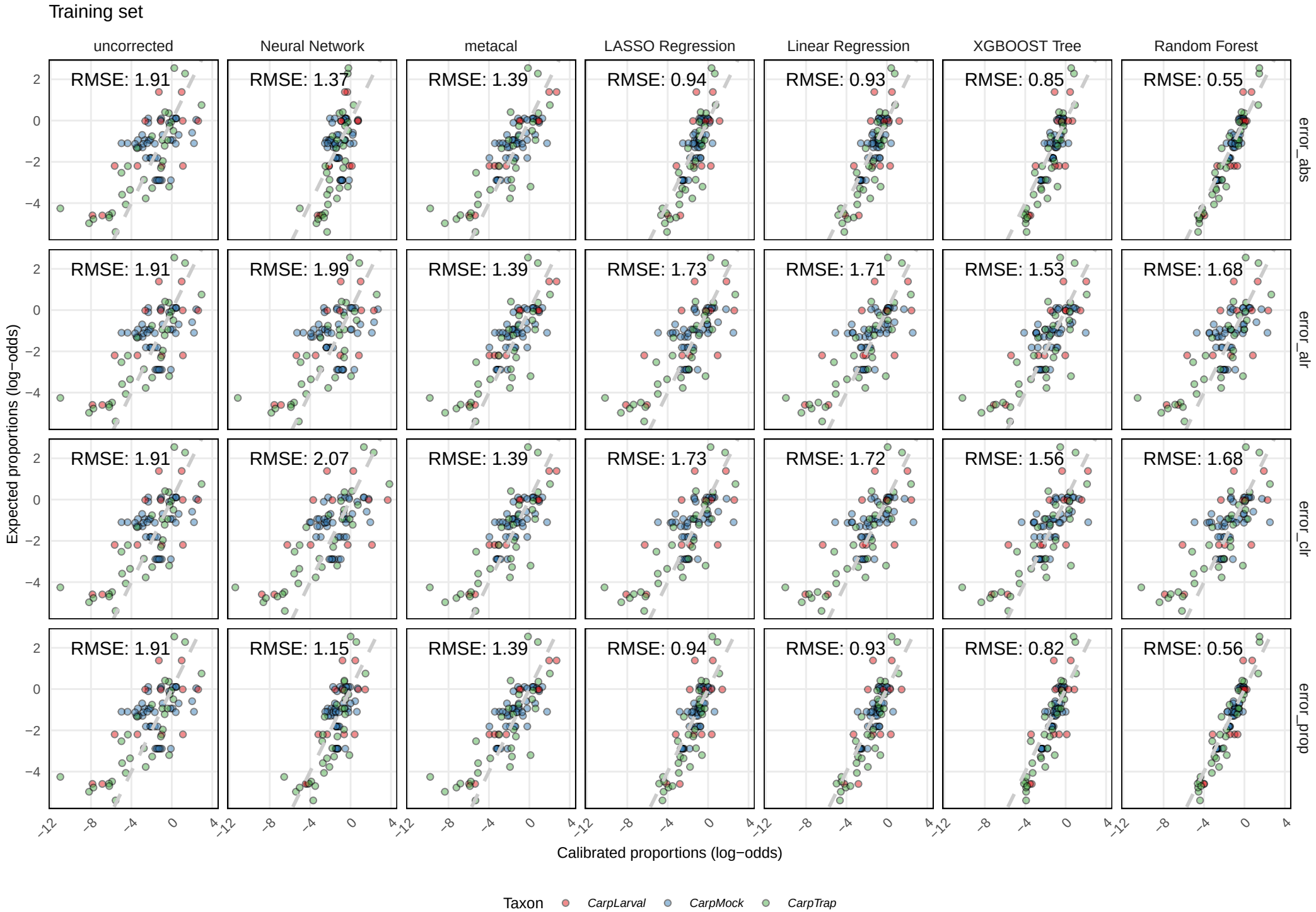
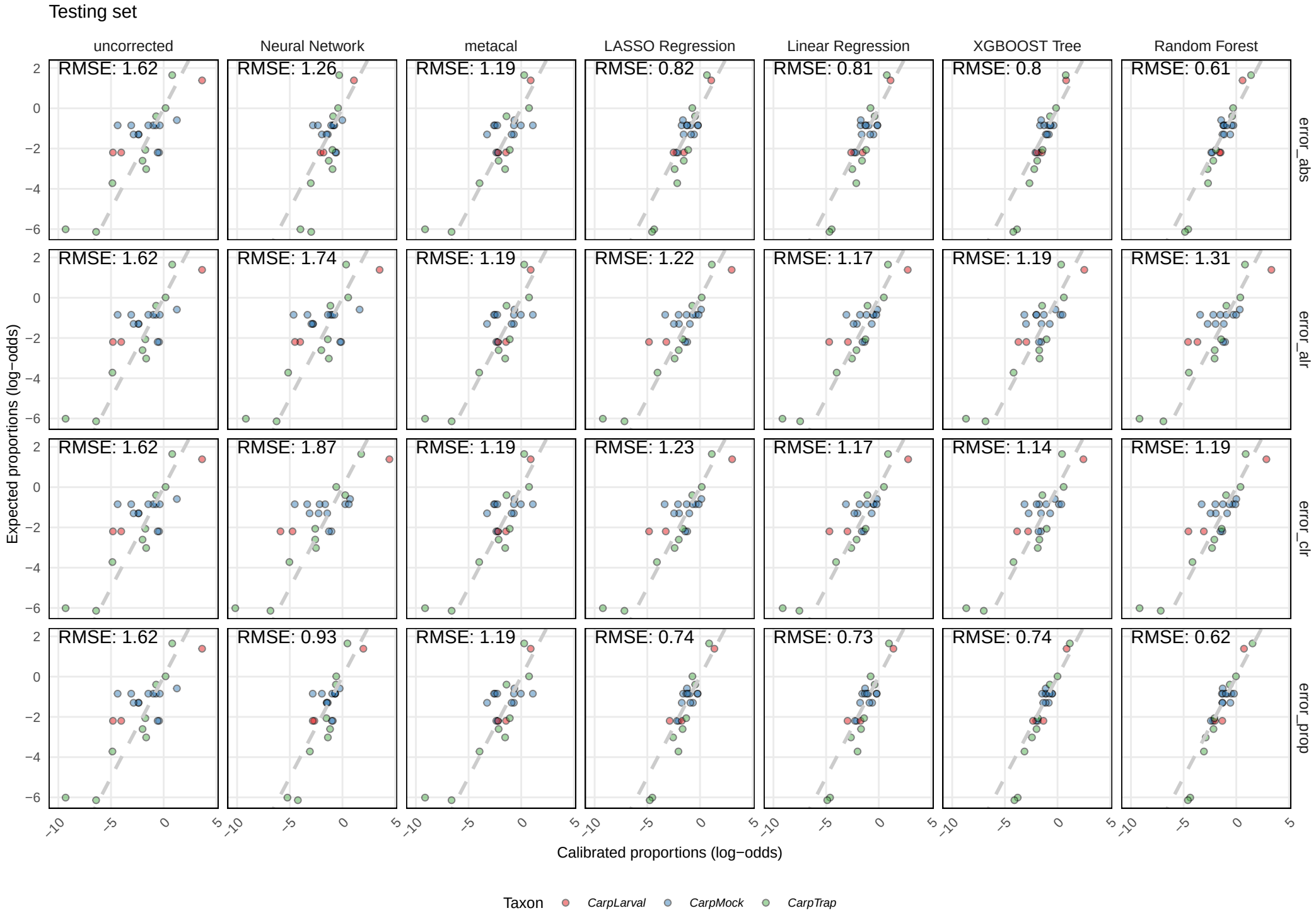
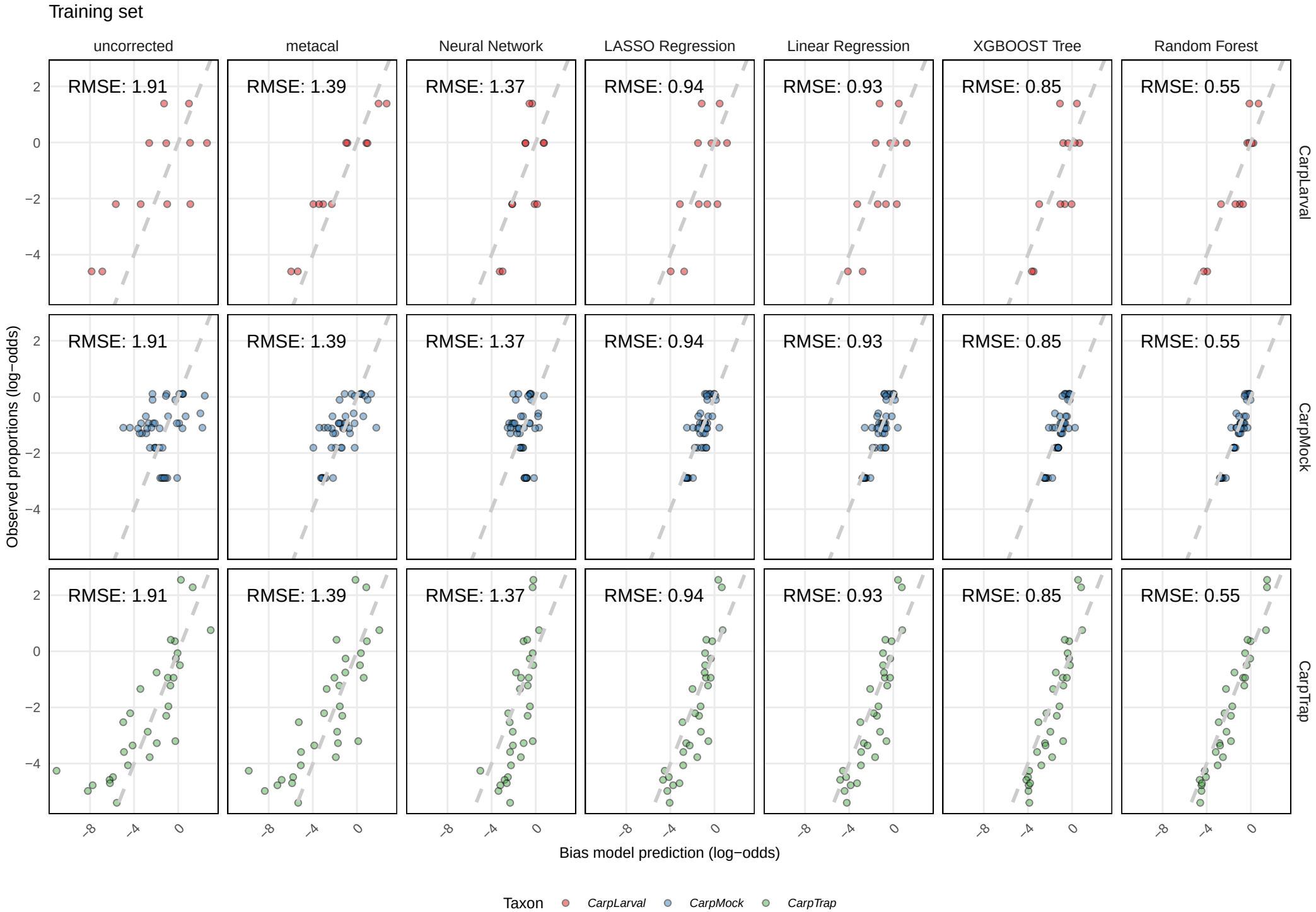
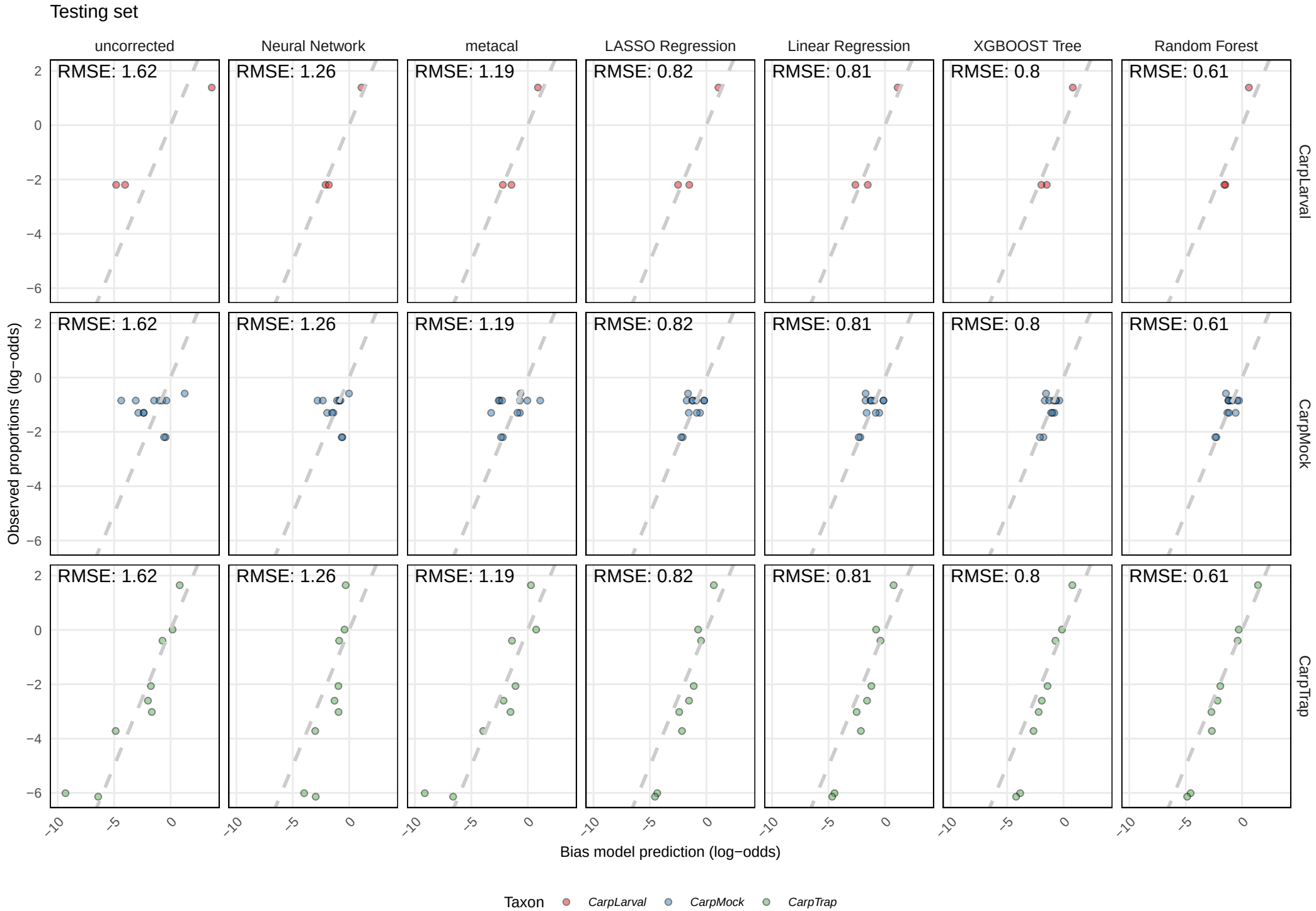

Training set
uncorrected
Neural Network
metacal
LASSO Regression
Linear Regression
XGBOOST Tree
Random Forest
RMSE: 1.91
RMSE: 1.37
RMSE: 1.39
RMSE: 0.94
RMSE: 0.93
RMSE: 0.85
RMSE: 0.55
RMSE: 1.91
RMSE: 1.99
RMSE: 1.39
RMSE: 1.73
RMSE: 1.71
RMSE: 1.53
RMSE: 1.68
RMSE: 1.91
RMSE: 2.07
RMSE: 1.39
RMSE: 1.73
RMSE: 1.72
RMSE: 1.56
RMSE: 1.68
RMSE: 1.91
RMSE: 1.15
RMSE: 1.39
RMSE: 0.94
RMSE: 0.93
RMSE: 0.82
RMSE: 0.56
error_abs
error_alr
error_clr
error_prop
Expected proportions (log−odds)
Calibrated proportions (log−odds)
Taxon
CarpLarval
CarpMock
CarpTrap


Testing set
uncorrected
Neural Network
metacal
LASSO Regression
Linear Regression
XGBOOST Tree
Random Forest
RMSE: 1.62
RMSE: 1.26
RMSE: 1.19
RMSE: 0.82
RMSE: 0.81
RMSE: 0.8
RMSE: 0.61
RMSE: 1.62
RMSE: 1.74
RMSE: 1.19
RMSE: 1.22
RMSE: 1.17
RMSE: 1.19
RMSE: 1.31
RMSE: 1.62
RMSE: 1.87
RMSE: 1.19
RMSE: 1.23
RMSE: 1.17
RMSE: 1.14
RMSE: 1.19
RMSE: 1.62
RMSE: 0.93
RMSE: 1.19
RMSE: 0.74
RMSE: 0.73
RMSE: 0.74
RMSE: 0.62
error_abs
error_alr
error_clr
error_prop
Expected proportions (log−odds)
Calibrated proportions (log−odds)
Taxon
CarpLarval
CarpMock
CarpTrap


Training set
uncorrected
metacal
Neural Network
LASSO Regression
Linear Regression
XGBOOST Tree
Random Forest
RMSE: 1.91
RMSE: 1.39
RMSE: 1.37
RMSE: 0.94
RMSE: 0.93
RMSE: 0.85
RMSE: 0.55
CarpLarval
CarpMock
CarpTrap
Observed proportions (log−odds)
Bias model prediction (log−odds)
Taxon
CarpLarval
CarpMock
CarpTrap


Testing set
uncorrected
Neural Network
metacal
LASSO Regression
Linear Regression
XGBOOST Tree
Random Forest
RMSE: 1.62
RMSE: 1.26
RMSE: 1.19
RMSE: 0.82
RMSE: 0.81
RMSE: 0.8
RMSE: 0.61
CarpLarval
CarpMock
CarpTrap
Observed proportions (log−odds)
Bias model prediction (log−odds)
Taxon
CarpLarval
CarpMock
CarpTrap