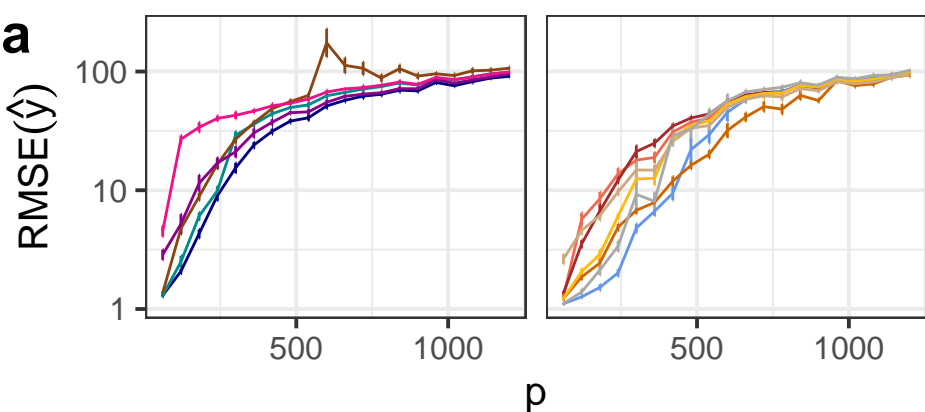


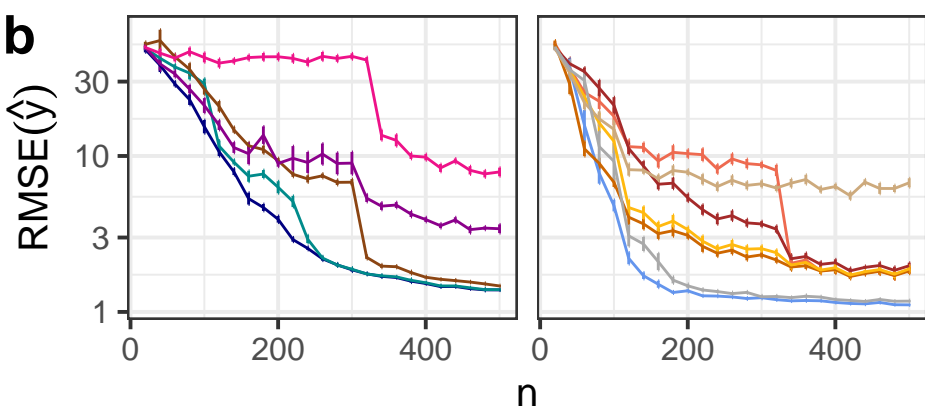
## methods (dense)

- graper (dense, multiv.)
- graper (dense)
- group Lasso
- GRridge
- ridge regression

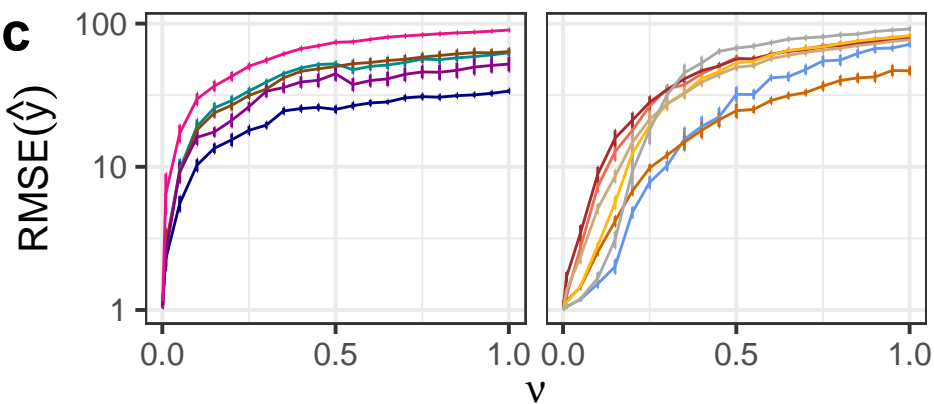
**a**



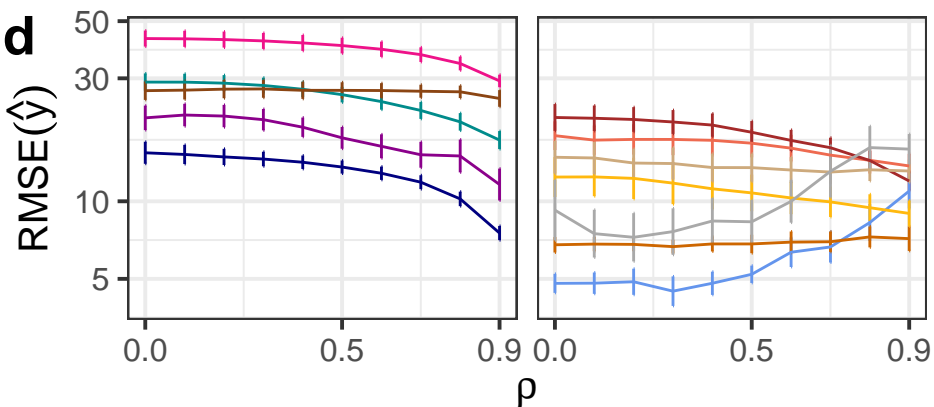
**b**



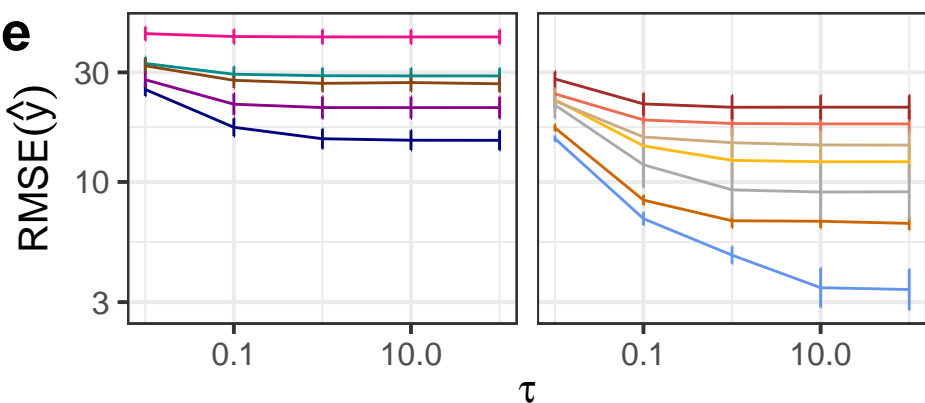
**c**



**d**



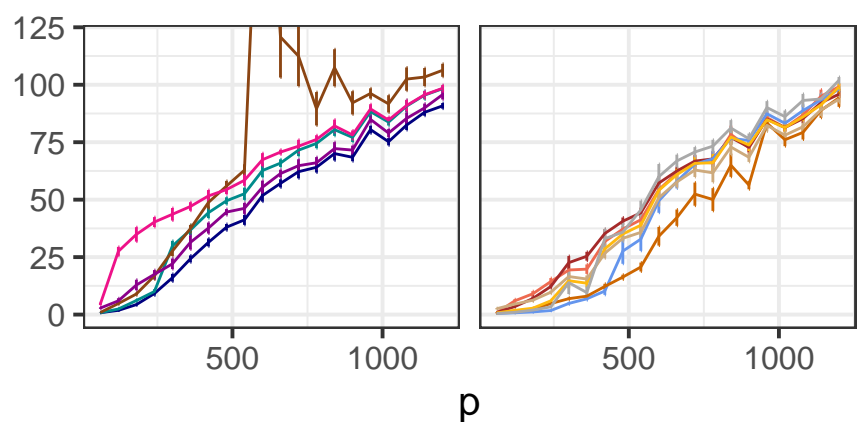
**e**



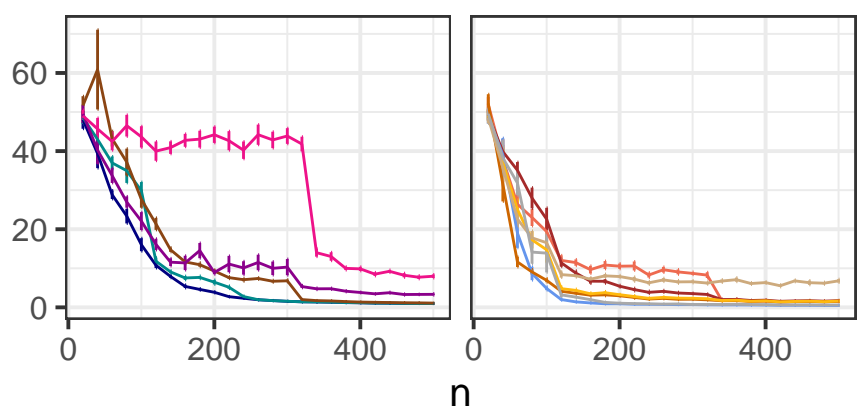
## methods (sparse)

- adaptive Lasso
- elastic net
- graper (sparse)
- IPF-Lasso
- Lasso
- sparse group Lasso
- varbvs

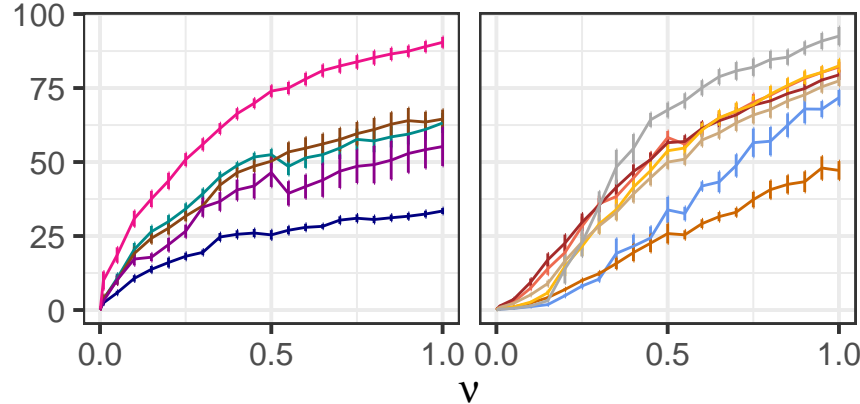
RMSE( $\hat{\beta}$ )



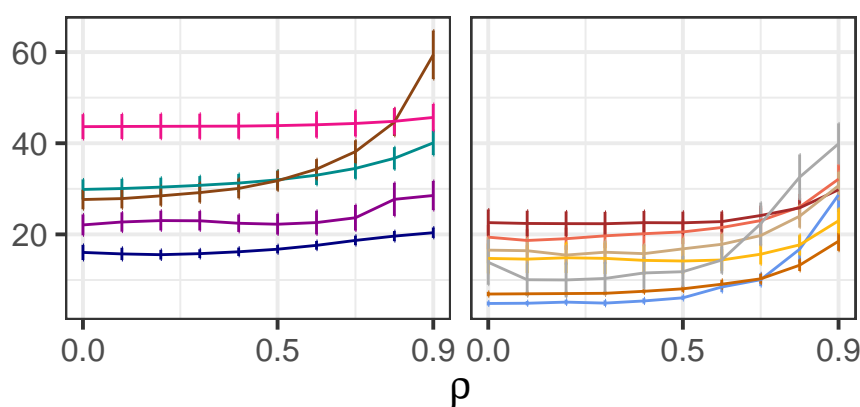
RMSE( $\hat{\beta}$ )



RMSE( $\hat{\beta}$ )



RMSE( $\hat{\beta}$ )



RMSE( $\hat{\beta}$ )

