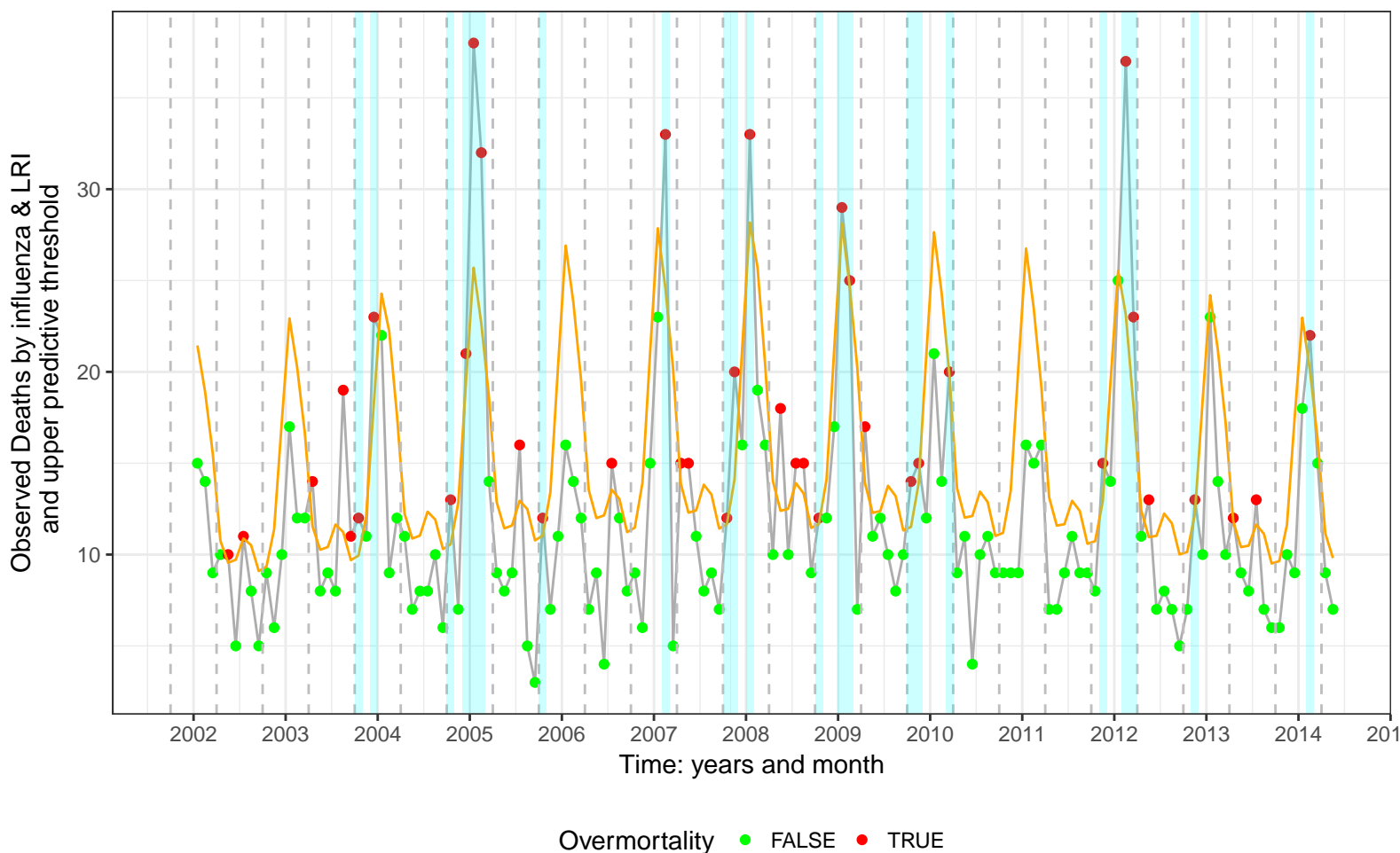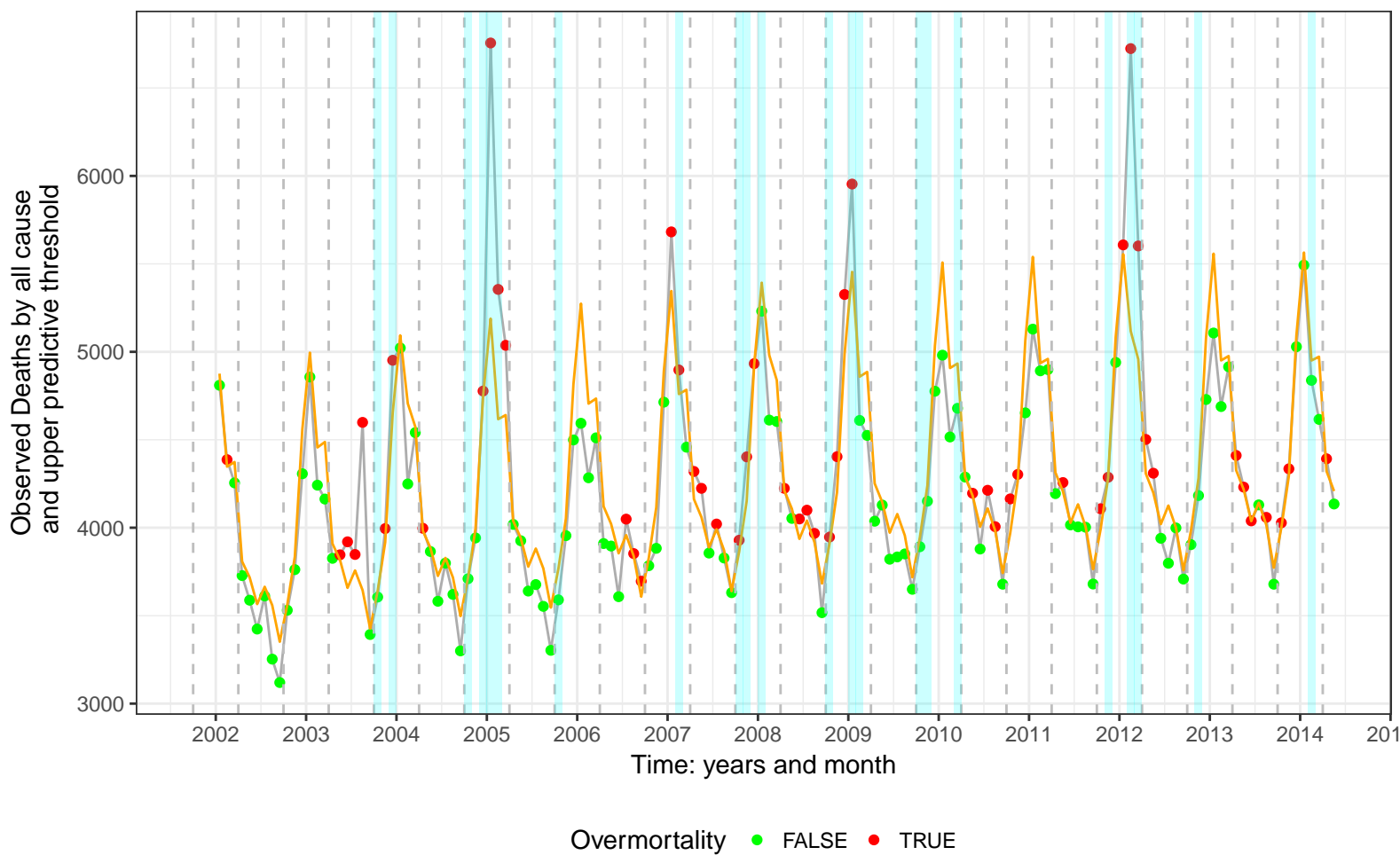**A** **Epidemic threshold: Death for Influenza**

Epidemic threshold estimated by poisson regression (UP.IC 95%):
monthly deaths predicted by age group, educational level and exposed population
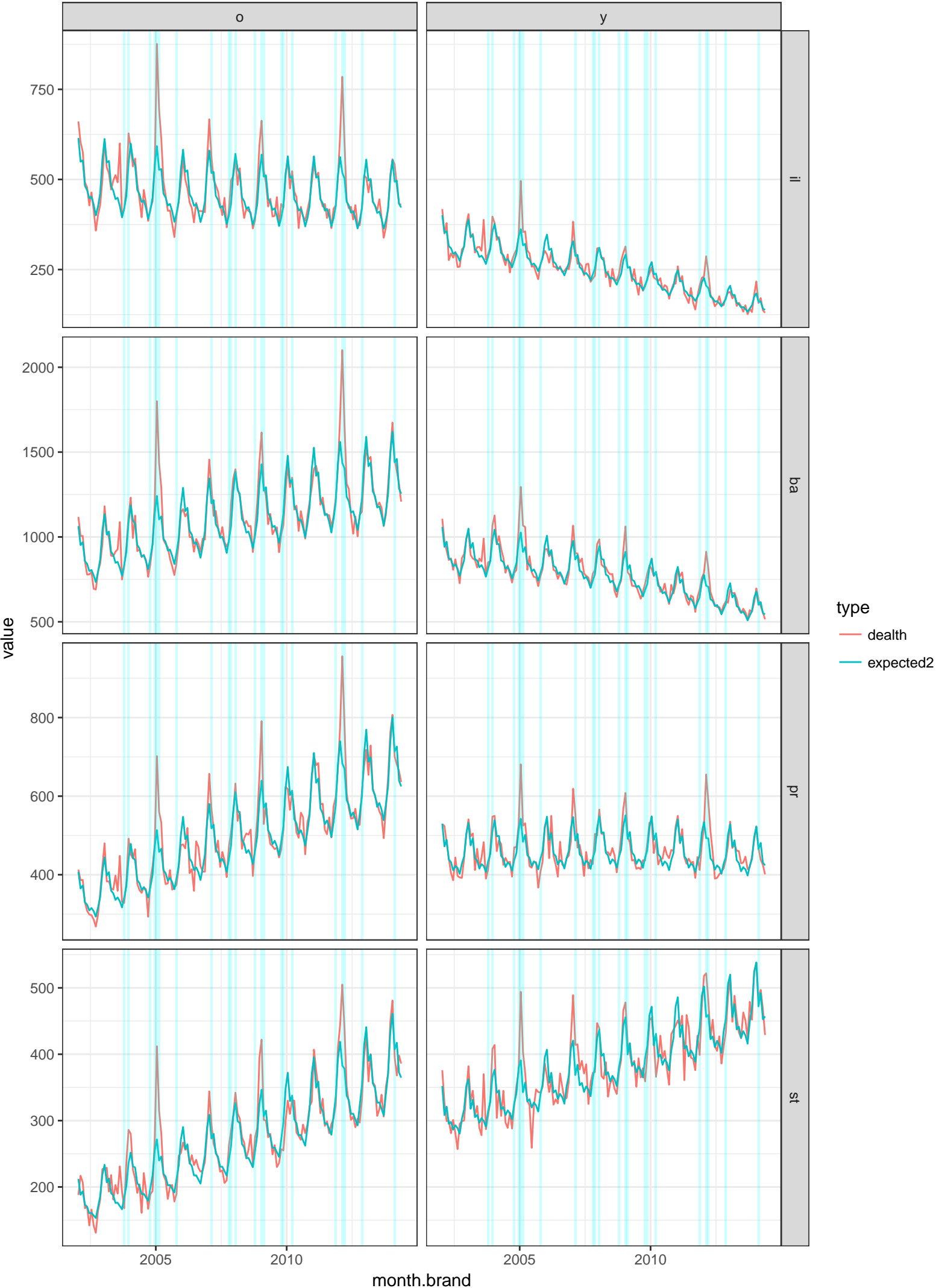

Overmortality ● FALSE ● TRUE

B **Epidemic threshold: all Death**

Over−mortality threshold estimated by poisson regression (UP.IC 95%):
monthly deaths predicted by age group, educational level and exposed population
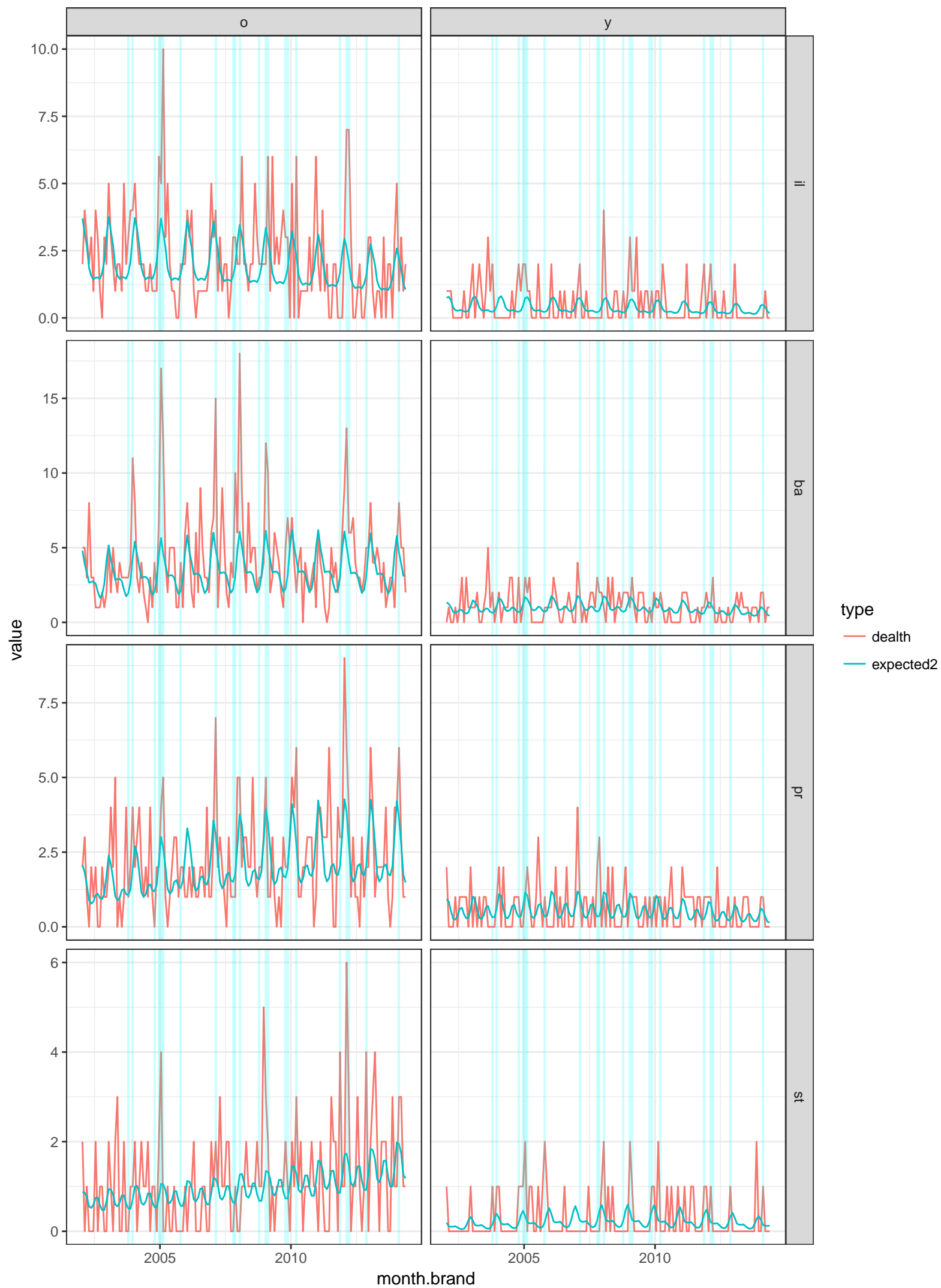

Overmortality ● FALSE ● TRUE

All death: Observed and predicted deaths

Predicted deaths by lineal regresion model for each age and educational level
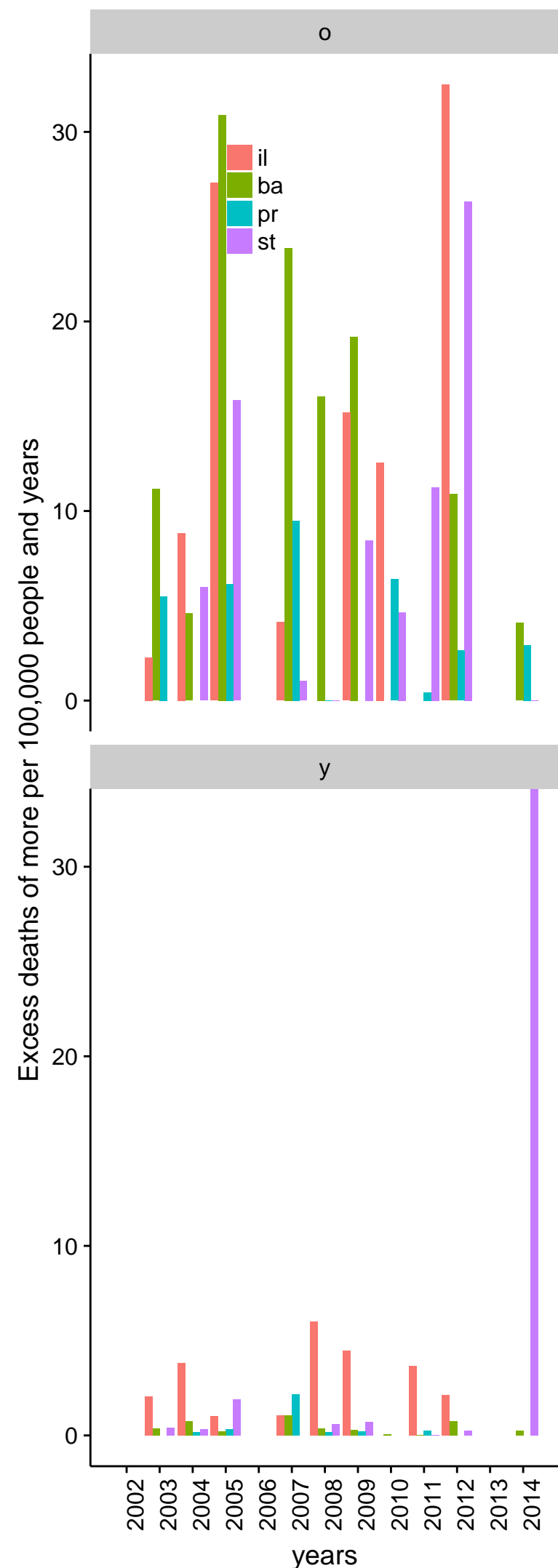
Influenza: Observed and predicted deaths

Predicted deaths by lineal regresion model for each age and educational level

A Influenza: epidemic overmortality

B All death: epidemic overmortality

A — Influenza: overmortality in epidemic wave / All death: overmortality in epidemic wave

B — Influenza Mortality Ratios in epidemic wave / All causes Mortality Ratios in the epidemic wave