regression with trend

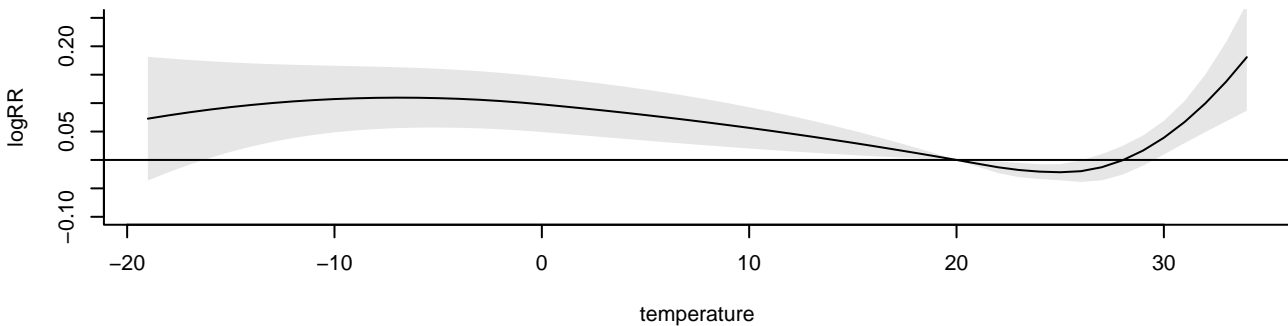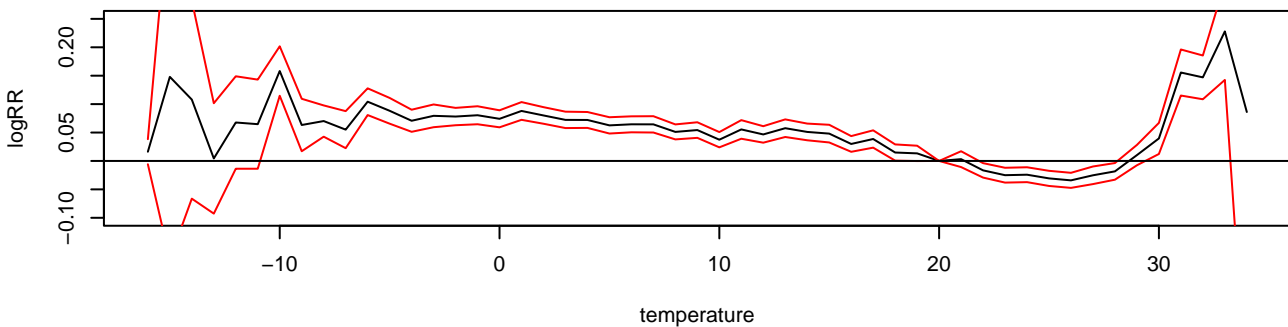**potential outcome framework**

regression without trend