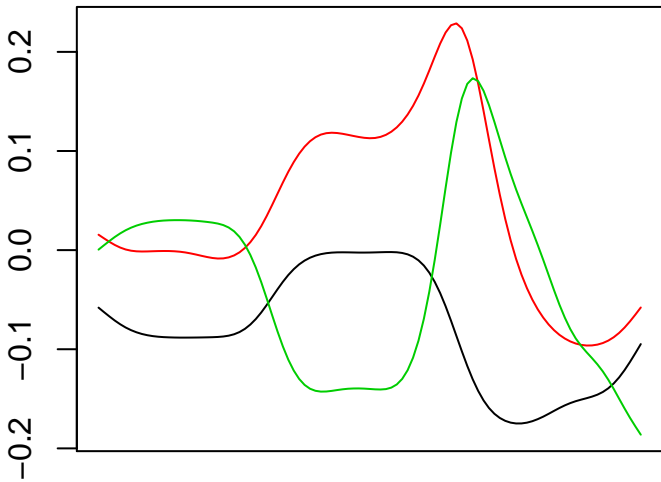


**Principle Components for X**



**b-spline basis for  $\beta$**

