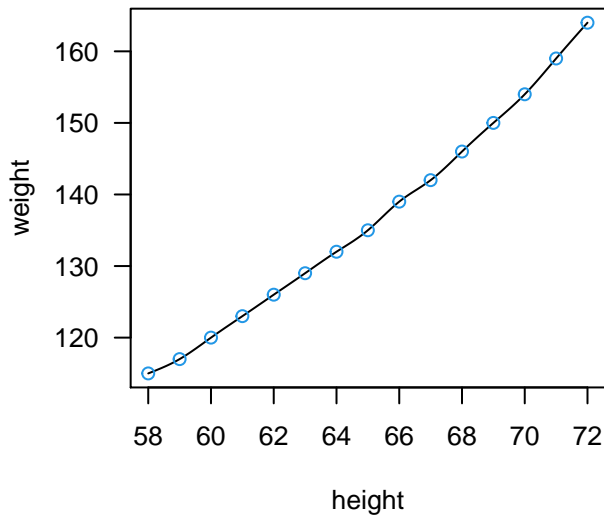
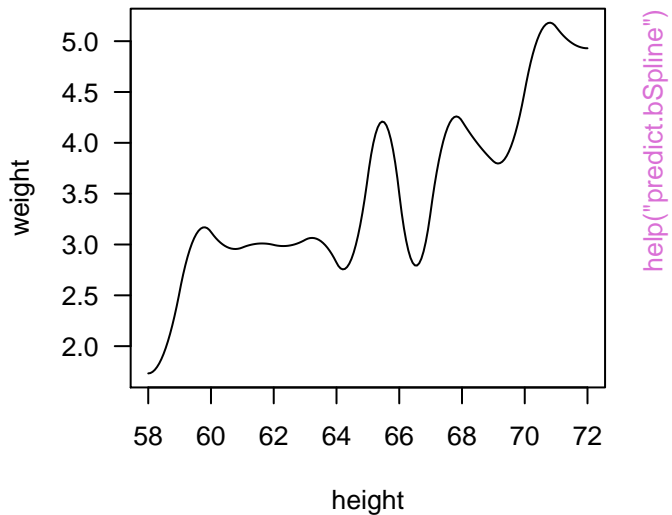


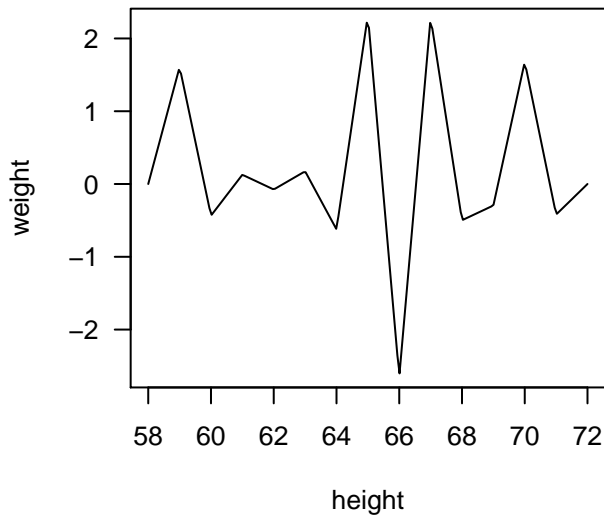
Original data with interpolating spline



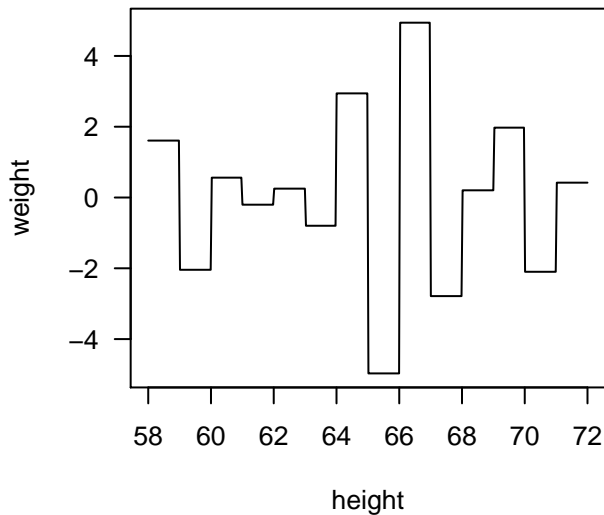
First derivative of interpolating spline



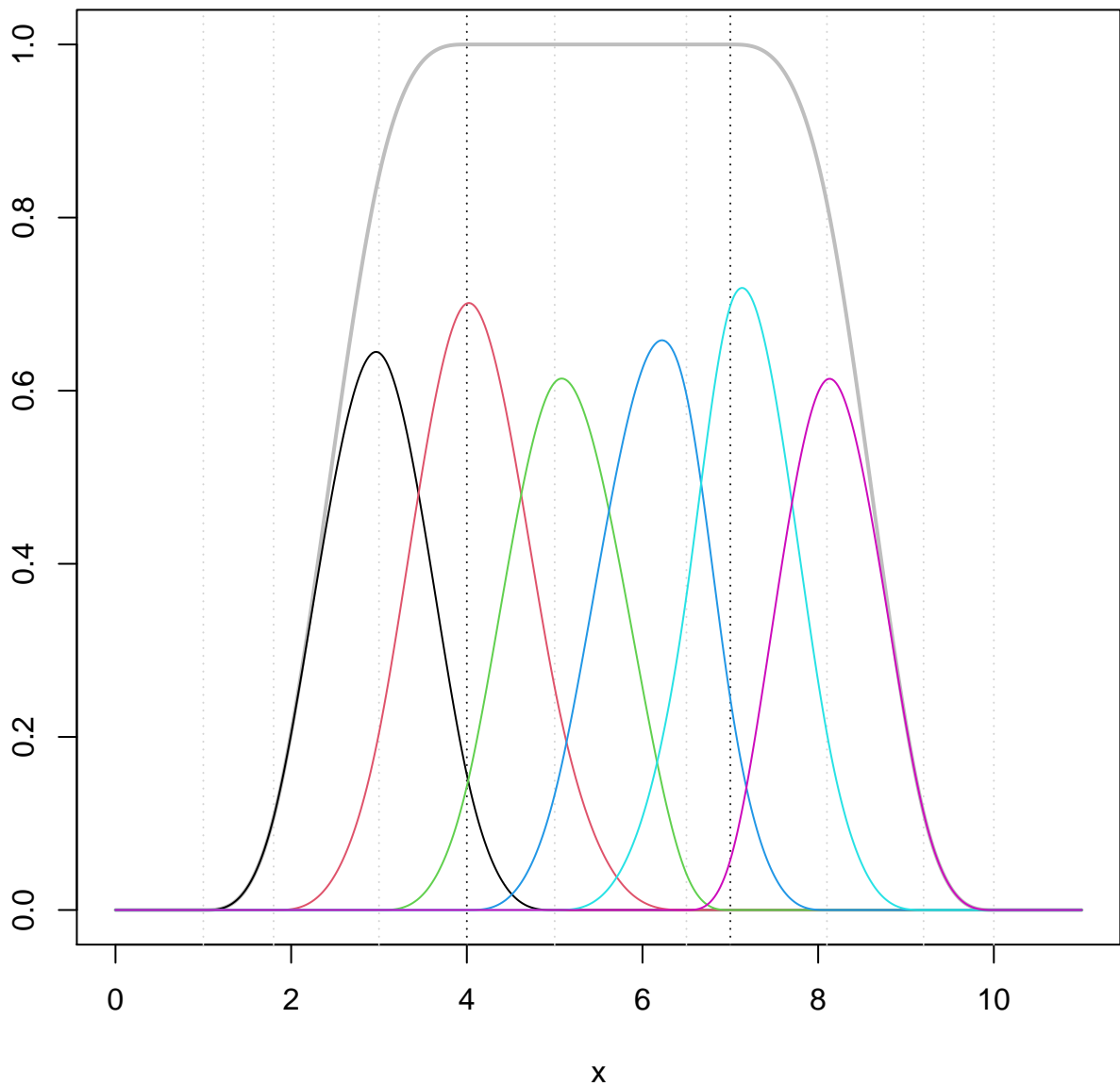
Second derivative of interpolating spline



Third derivative of interpolating spline



$B_j(x)$ and $\sum_{j=1}^6 B_j(x)$ **B-splines – sum to 1 inside inner knots**



help("splineDesign")

