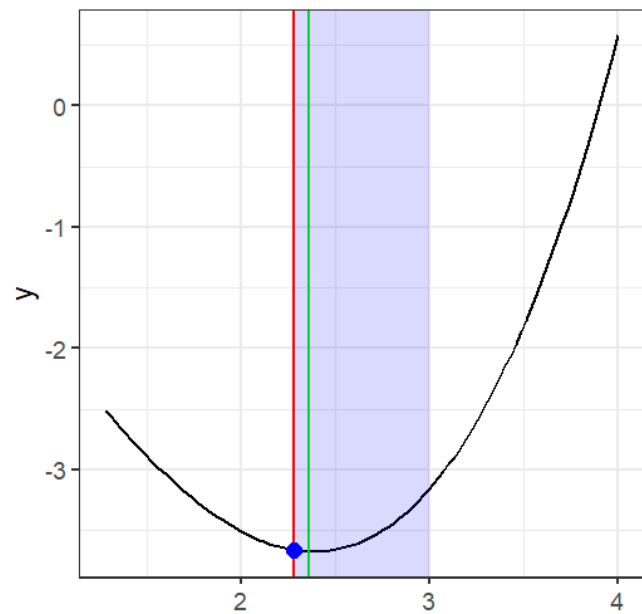
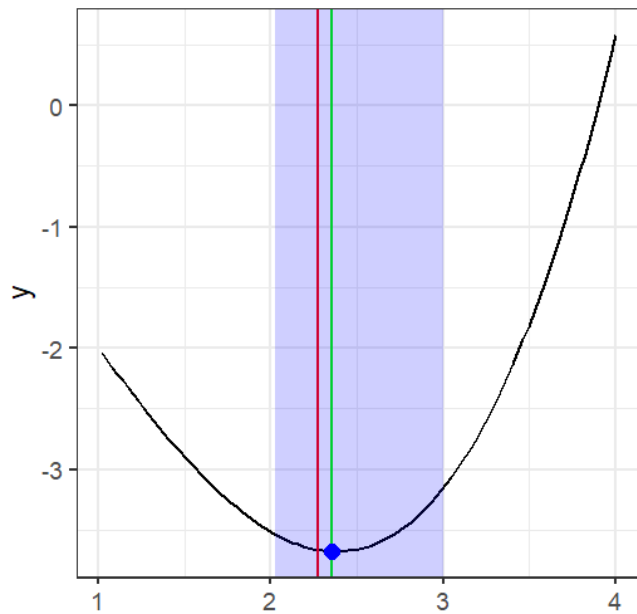
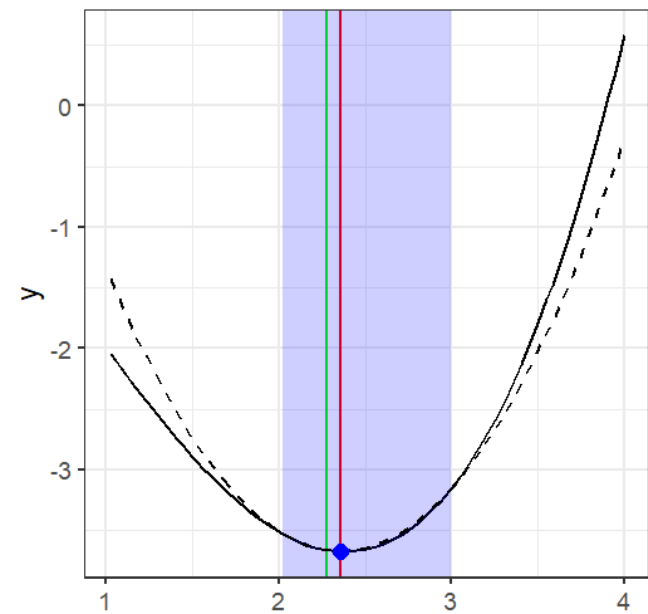


Define  $x_{\text{new}}$  via parabola

Switch  $x_{\text{new}}$  and  $x_{\text{best}}$

$x_{\text{new}}$  is the new left boundary



| xbest
 | xnew