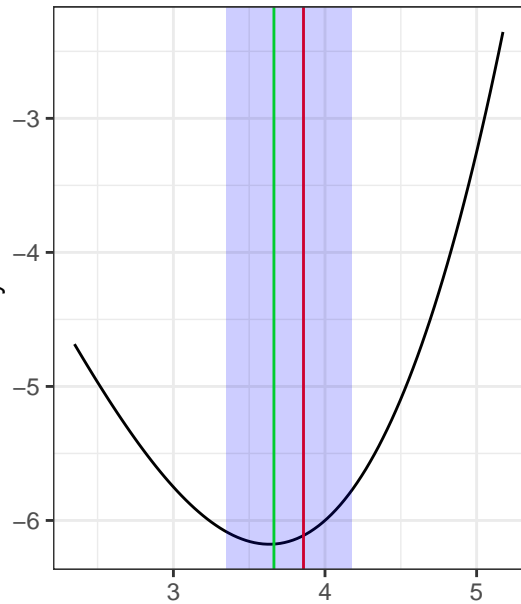
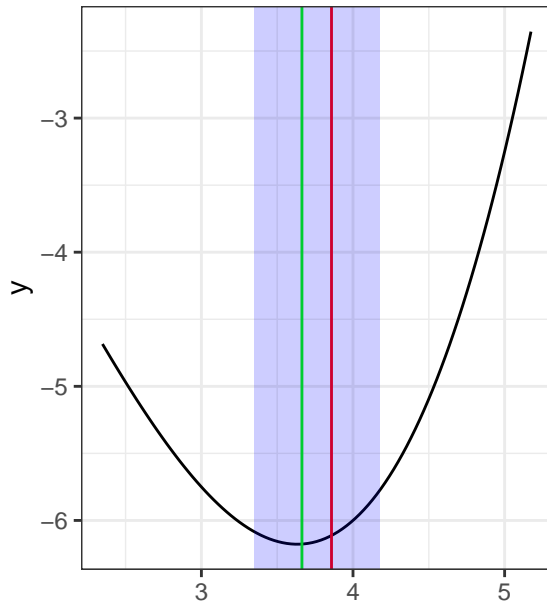


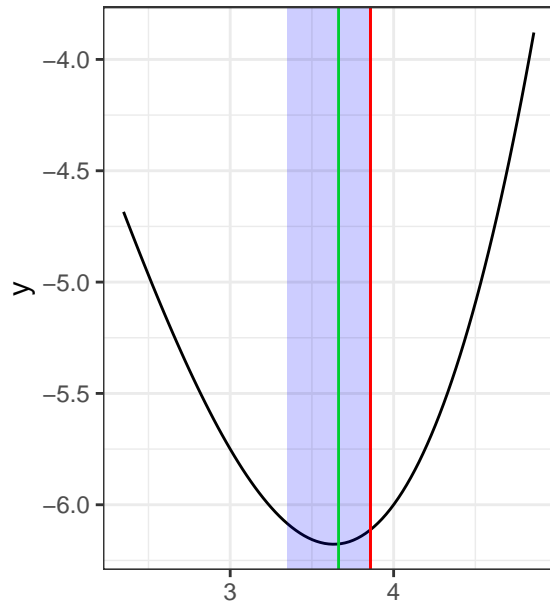
Define  $x_{\text{new}}$



Do not switch  $x_{\text{new}}$  and  $x_{\text{best}}$



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



|  $x_{\text{best}}$  |  $x_{\text{new}}$