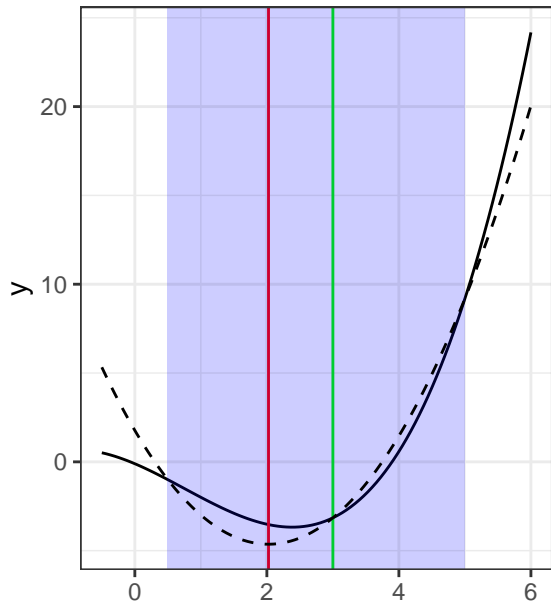
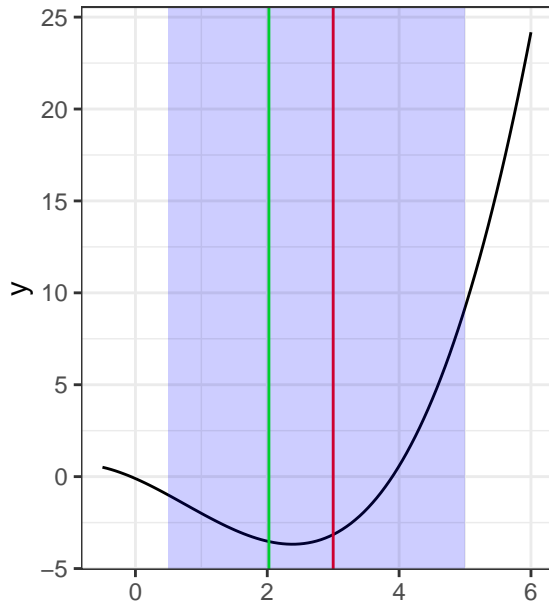


Define x_{new} via parabola



Switch x_{new} and x_{best}



| xbest | xnew

x_{new} is the new right boundary

