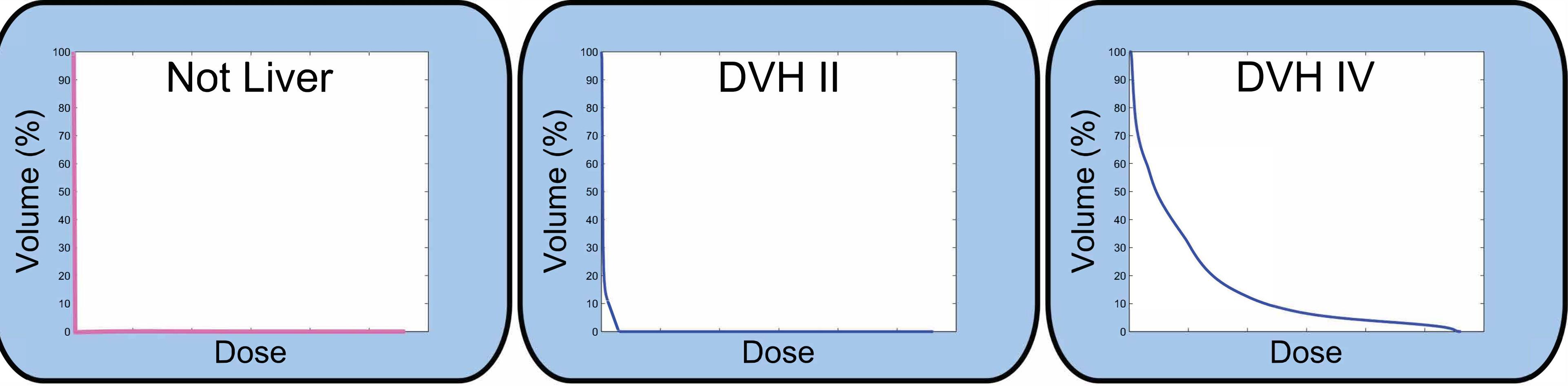
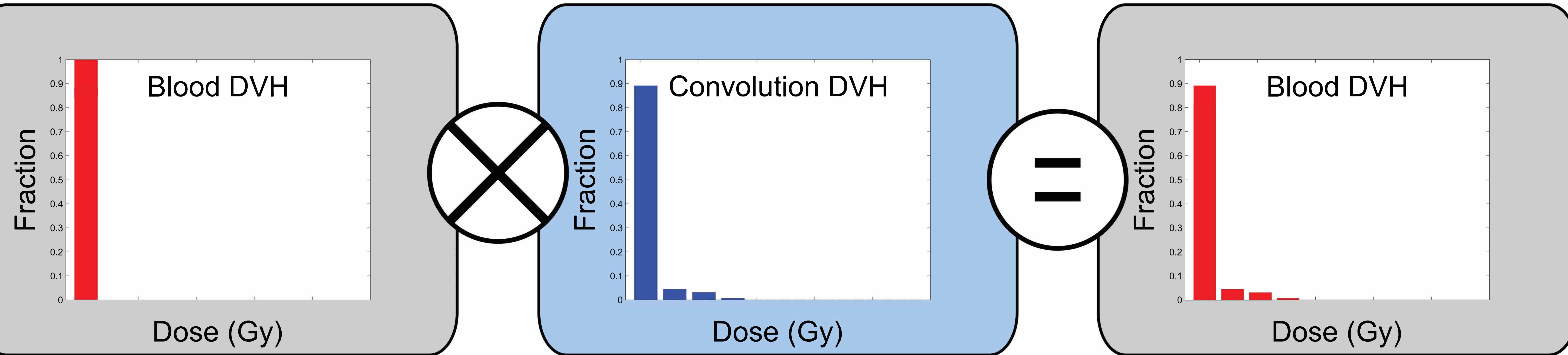
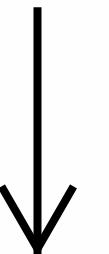


Fraction 1

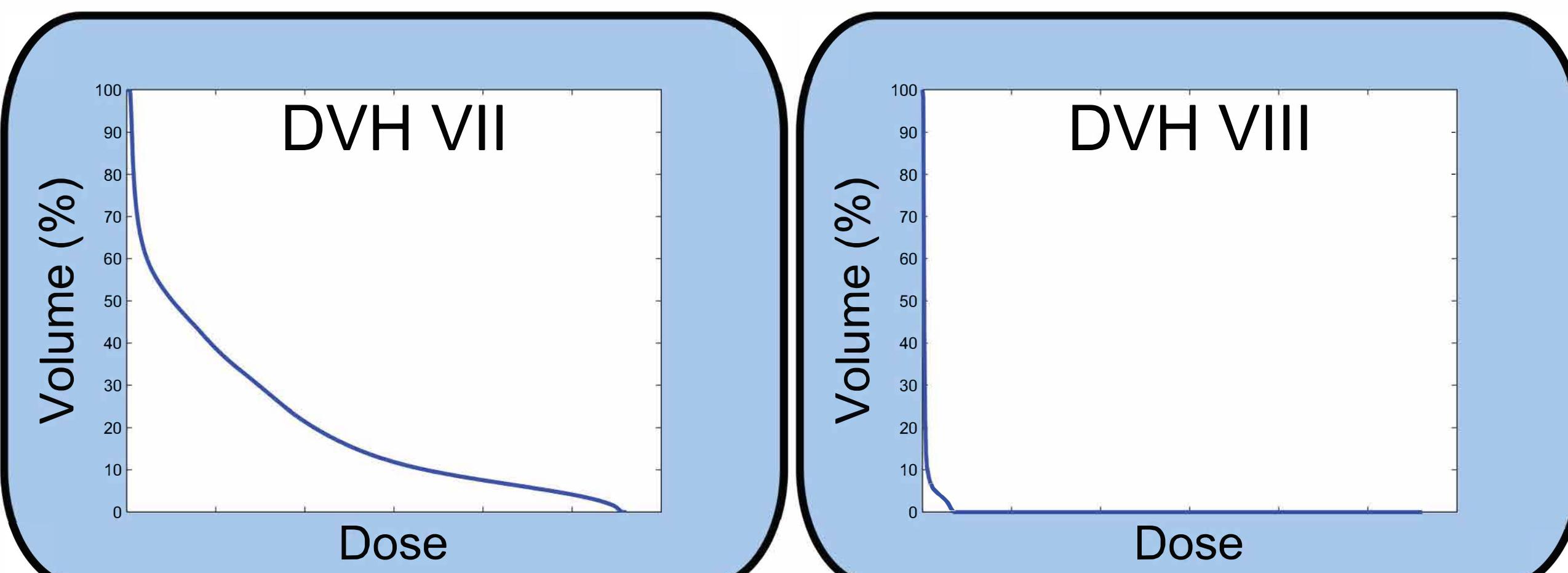
Blood DVH is multiplied by Convolution DVH (individual segments & fraction outside liver)



New Blood DVH is generated as the basis for the next fraction

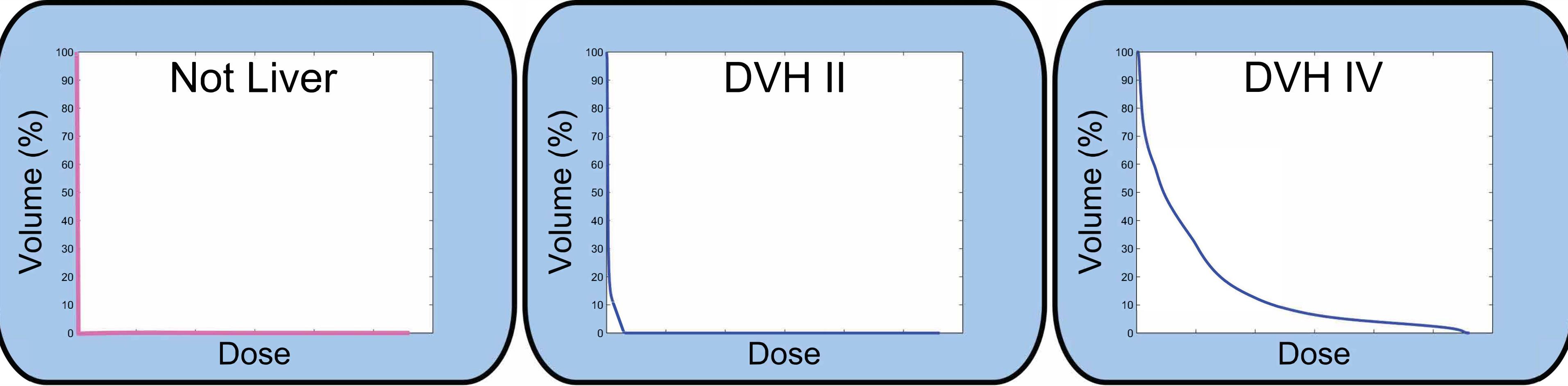


Additional file 3:
DVH convolution algorithm

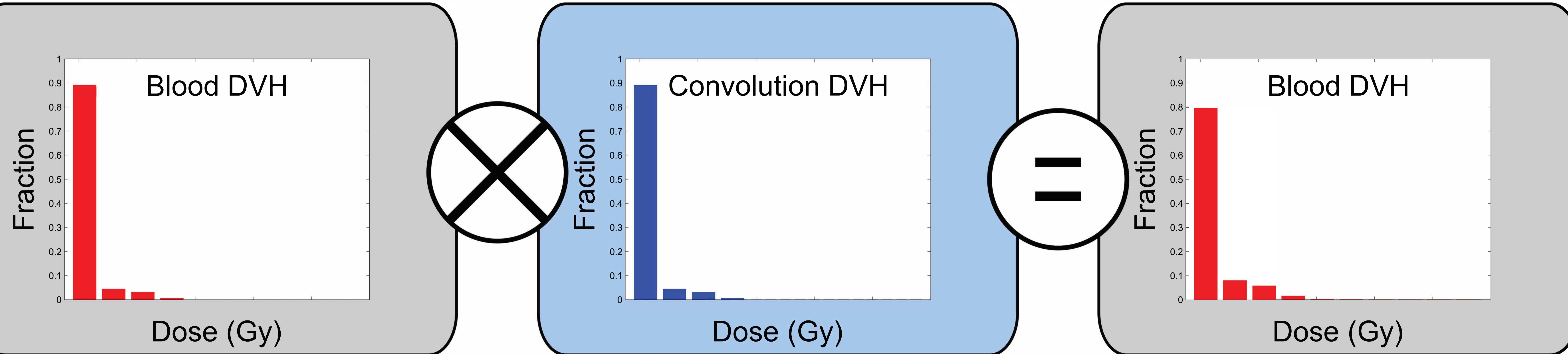
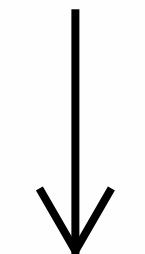


Fraction 2

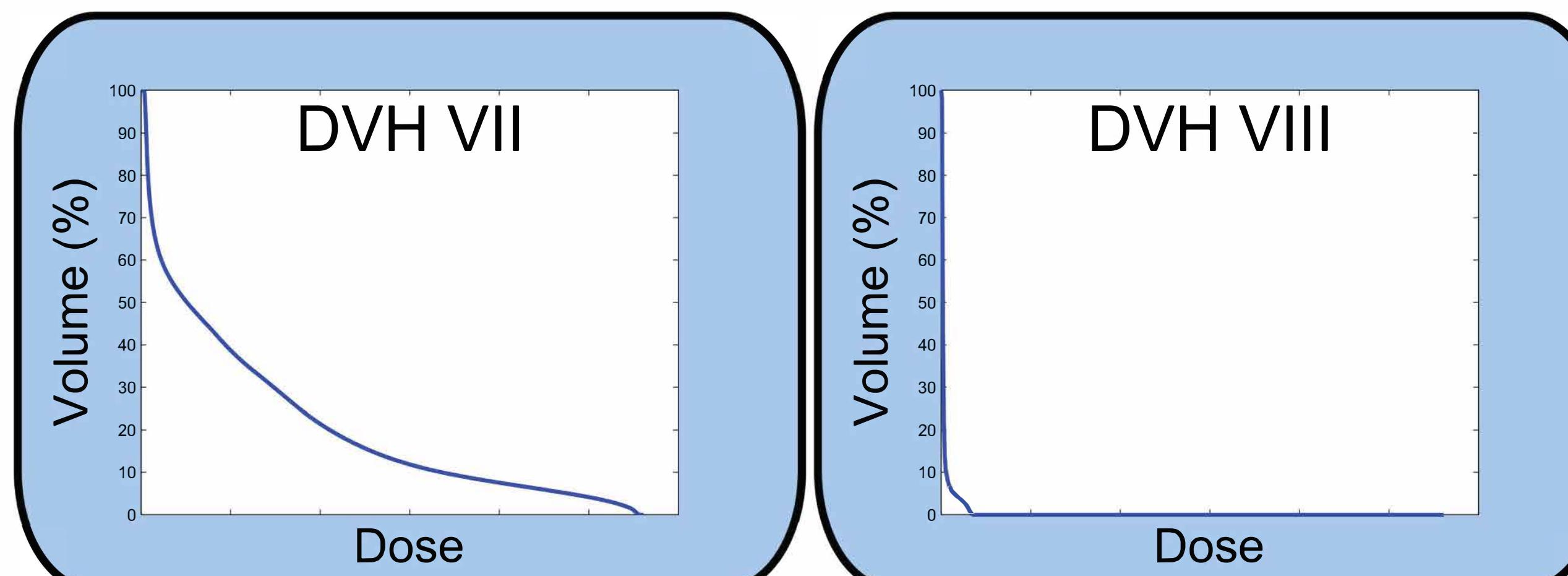
Blood DVH is multiplied by Convolution DVH (individual segments & fraction outside liver)



New Blood DVH is generated as the basis for the next fraction

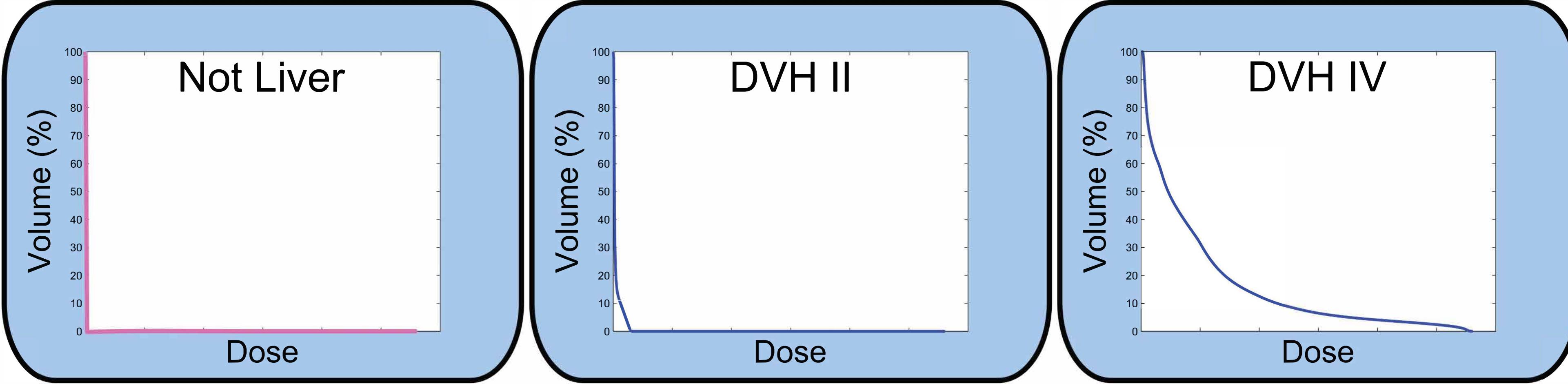


Supplemental data 3:
DVH convolution algorithm

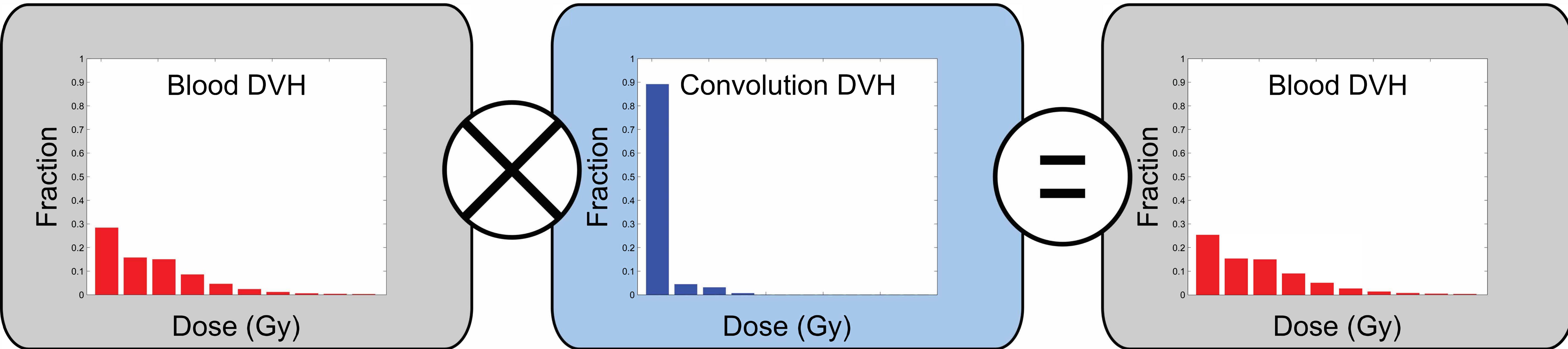
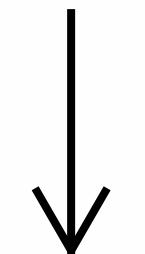


n-fractions

Blood DVH is multiplied by Convolution DVH (individual segments & fraction outside liver)



New Blood DVH is generated as the basis for the next fraction



Supplemental data 3:
DVH convolution algorithm

