

1. Refer to Equation (1):

(a) In terms of *X* and *Y* , what does the parameter *beta\_*0 measure?

-> beta\_0 can be interpreted as the mean value of Y for X<C1

(b) In terms of *X* and *Y* , what does the parameter *beta\_K* measure?

-> beta\_k represents the average increase in the response for X in Ck<= X <Ck+1 relative to X < c1