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| /\* Strategy:  \* 1. Calculathe the first part of the sqrt (1/n-2)  \* 2. Caculate the value of the summatory and pow it to 2  \* 3. Return the sqr of the multiplication of the above  \*/  Double sigma(xList, yLIst, beta0, beta1)  //step 1  Var first = 1/n-2;  //step2  Var acum = 0;  for(i : sizeOf( yList ) )  Acum += y[i] - beta0 - beta1 \* x[i]  Var second = acum2;  //step3  Return sqrt(first \* second); | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Step | input | first | acum | second | output | | 1 | N = 3 | 1 | - | - | - | | 2 | - | - | 0 | - | - | | 2,1 | xList=[1,2,3]  yList=[3,2,1]  beta0=0.5  beta1=1.0 | - | 0 + 1,5 | - | - | | 2,1,1 | xList=[2,3]  yList=[2,1]  beta0=0.5  beta1=1.0 | - | 1.5 + -1 = 0.5 | - | - | | 2,1,2 | xList=[3]  yList=[1]  beta0=0.5  beta1=1.0 | - | 0.5 + -2.5 = -2 | - | - | | 2,2 | - | - | - | 4 | - | | 3 | - | - | - | - | 2 |   xList=[1,2,3]  yList=[3,2,1]  beta0=0.5  beta1=1.0 |