0 <= precision <=1

0 <= sensitivity <=1

0 < =precision \* sensitivity <= sensitivity

0<= 2\* precision \* sensitivity<= 2\* sensitivity ....(1)

0 < = precision +sensitivity <= 2 …..(2)

If we now divide (1) by (2) we get

0<= (2\* precision \* sensitivity)/( precision +sensitivity )< =2\* sensitivity /2

0< =(2\* precision \* sensitivity)/( precision +sensitivity )< = sensitivity

Hence this equation can have min value of 0 and max value <=1 (sensitivity max value 1)