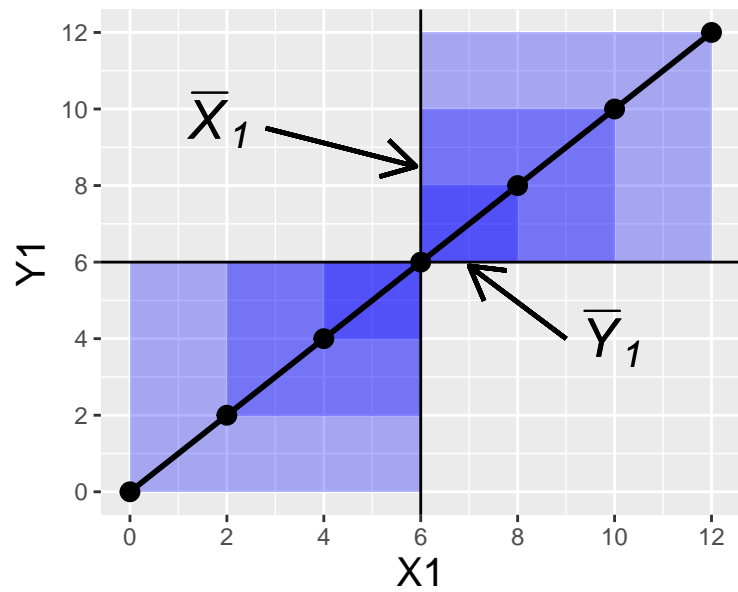


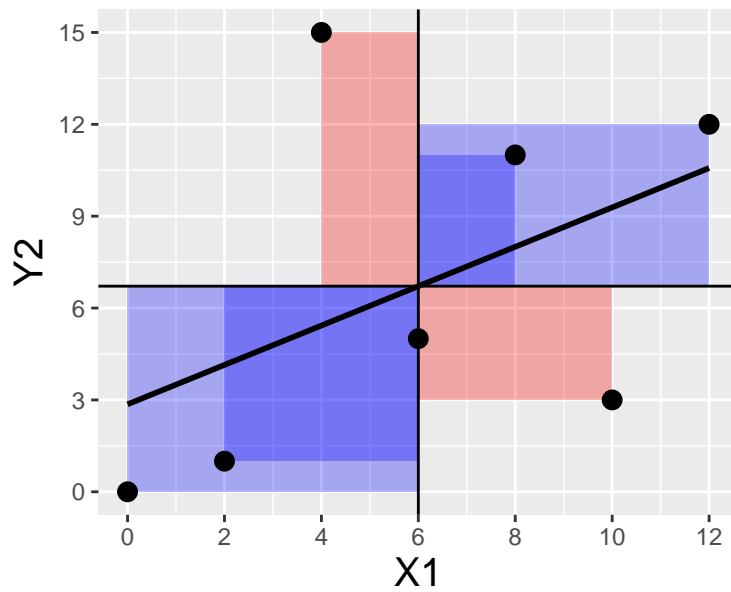
$$r_{X1,Y1} = 1$$

$$COV_{X1,Y1} = 19 ; \hat{\sigma}_{X1} \hat{\sigma}_{Y1} = 19$$



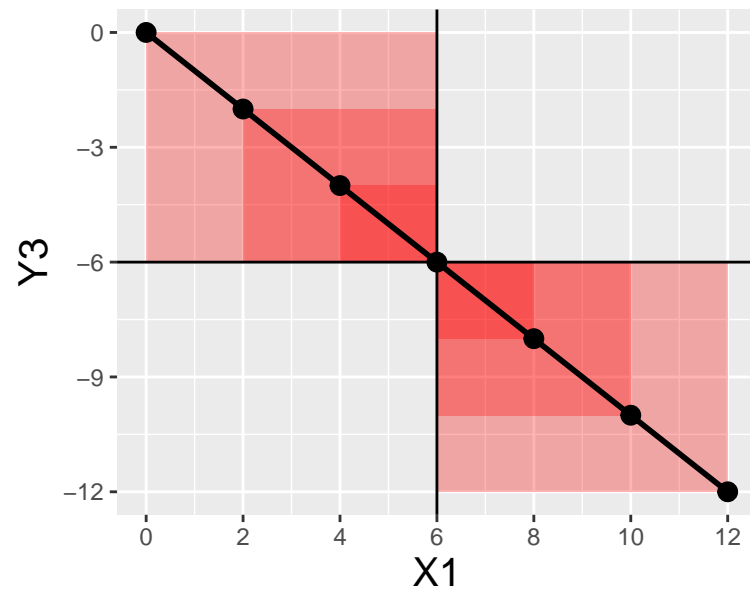
$$r_{X1,Y2} = 0.5$$

$$COV_{X1,Y2} = 12 ; \hat{\sigma}_{X1} \hat{\sigma}_{Y2} = 26$$



$$r_{X1,Y3} = -1$$

$$COV_{X1,Y3} = -19 ; \hat{\sigma}_{X1} \hat{\sigma}_{Y3} = 19$$



Tire la corrélation vers 1
 Tire la corrélation vers -1