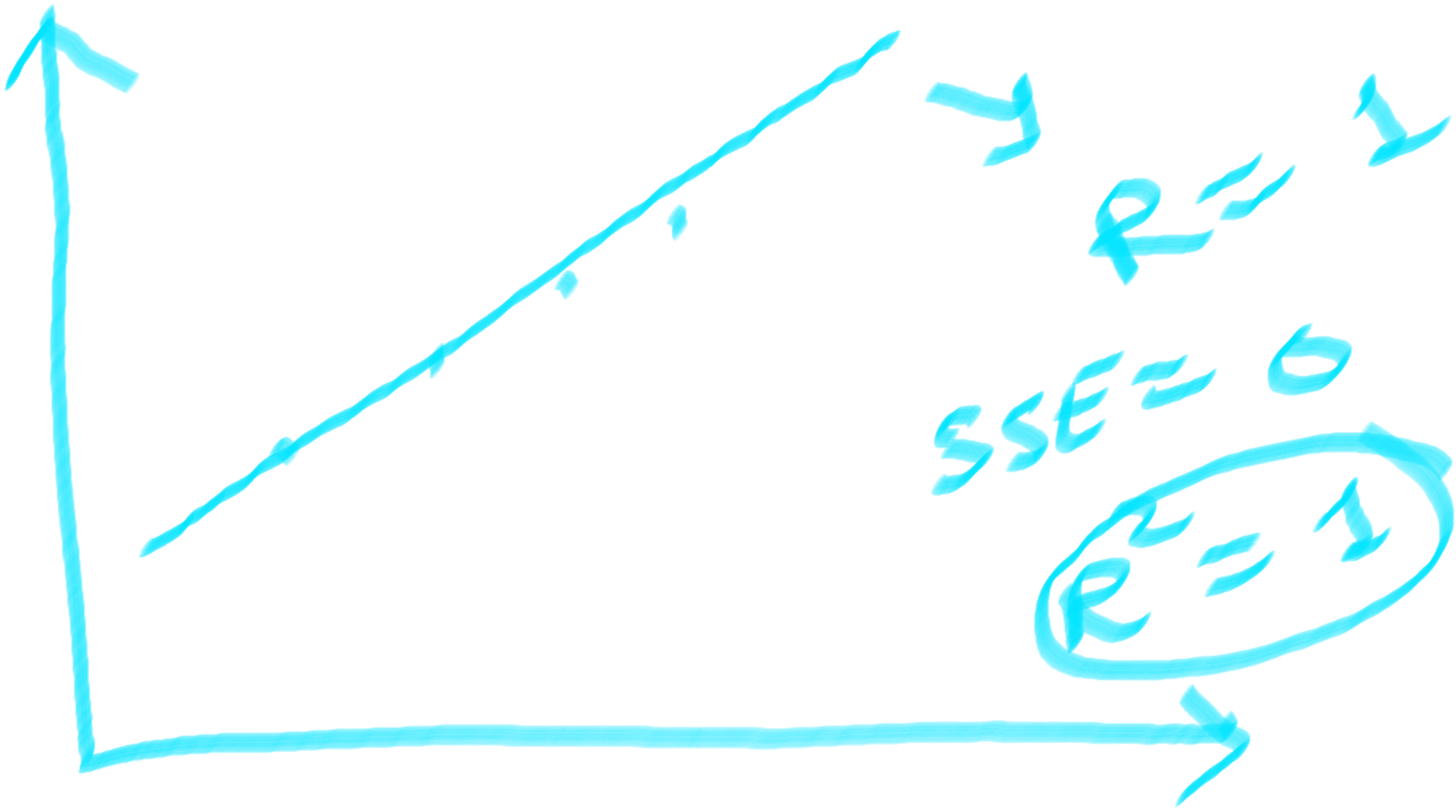
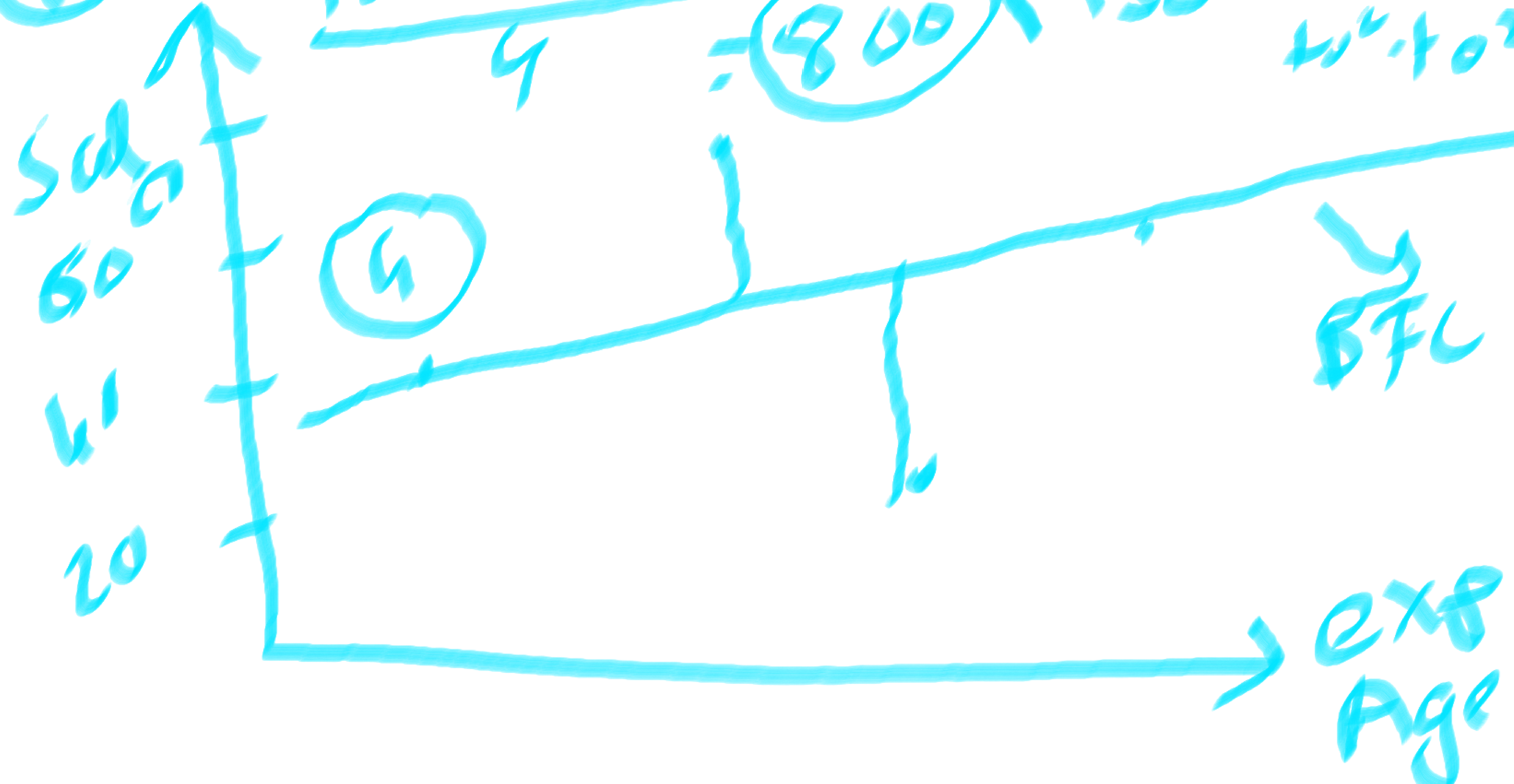
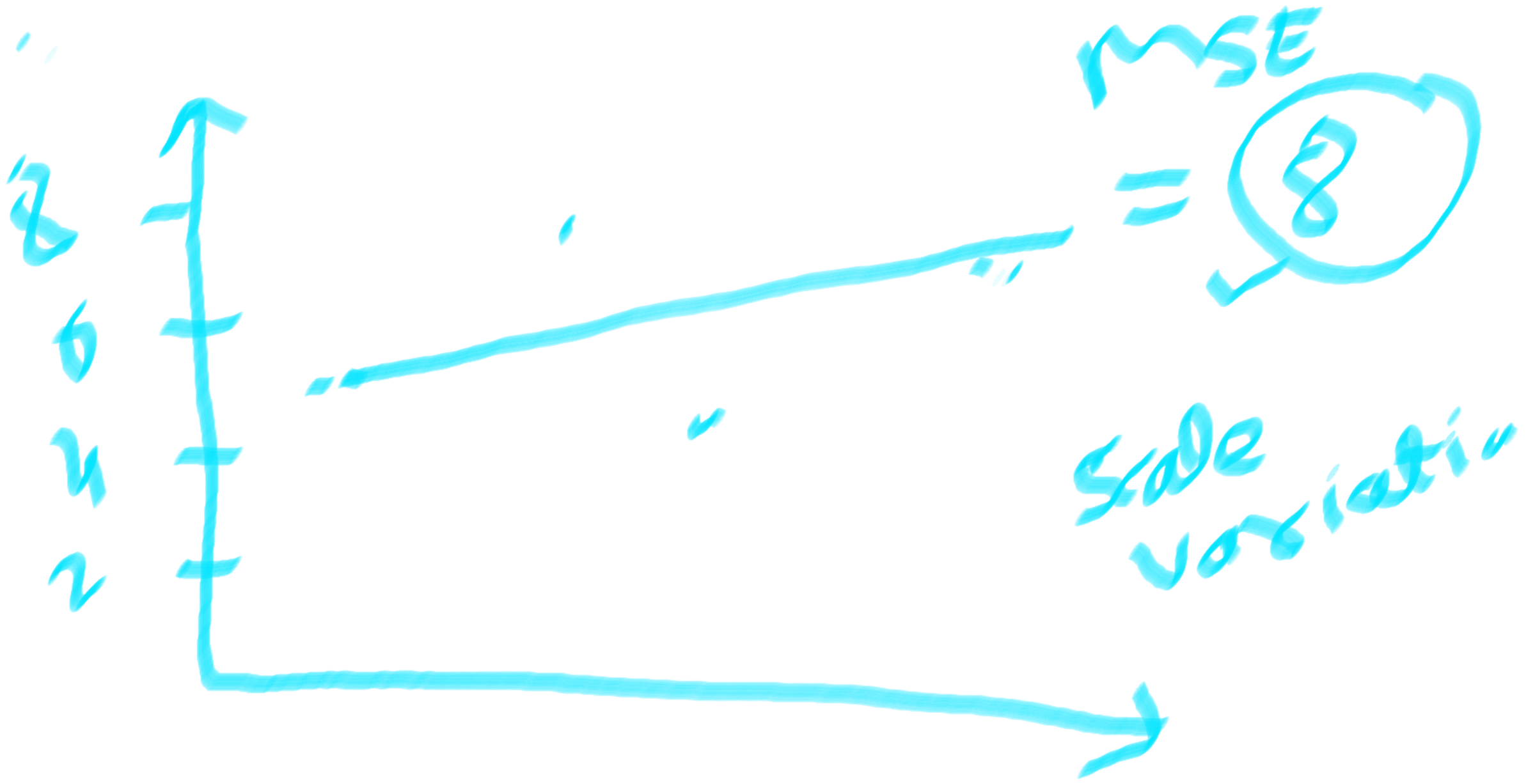

R^2
SSE = 0
R = 1

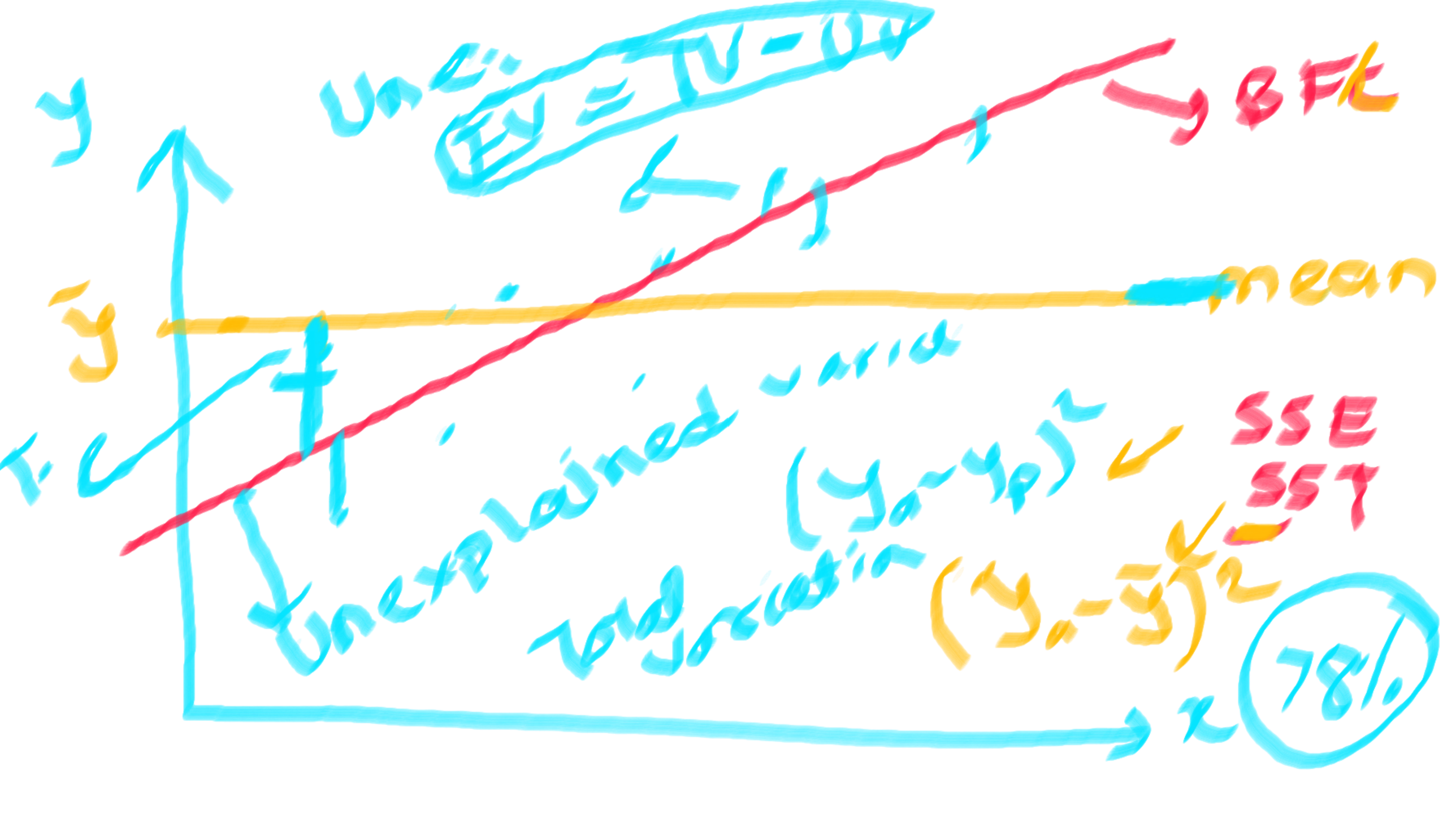
K

$\frac{1600 + 1600}{4} = 800$

$MSE = 40^2 + 40^2$
$40^2 + 0^2$




RMSE
8
6
4
2
Scale variation


y
x
ŷ
ȳ
mean
SSE
SST
78%

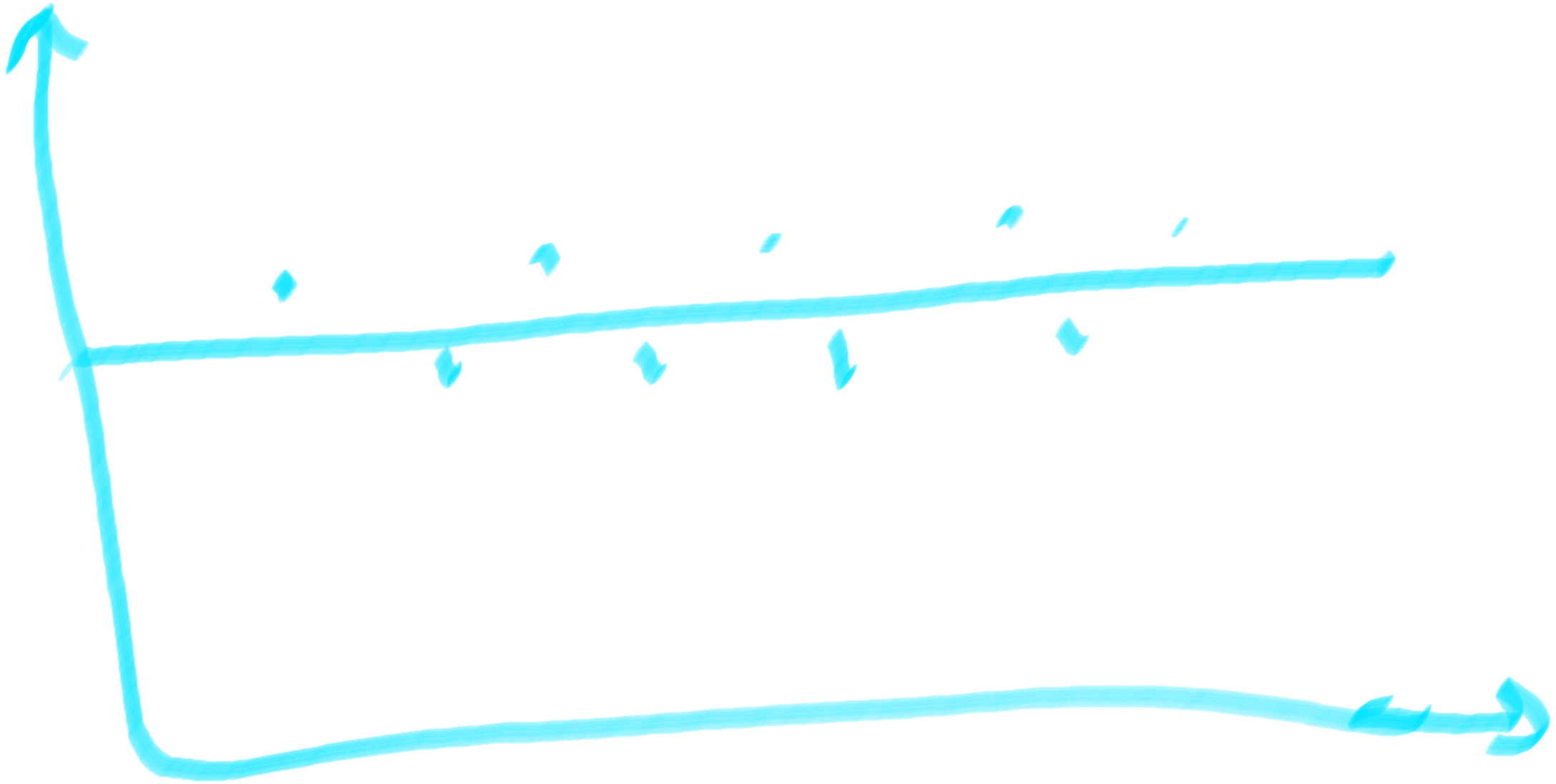
$$R^2 = 1 - \frac{SSE}{SST}$$

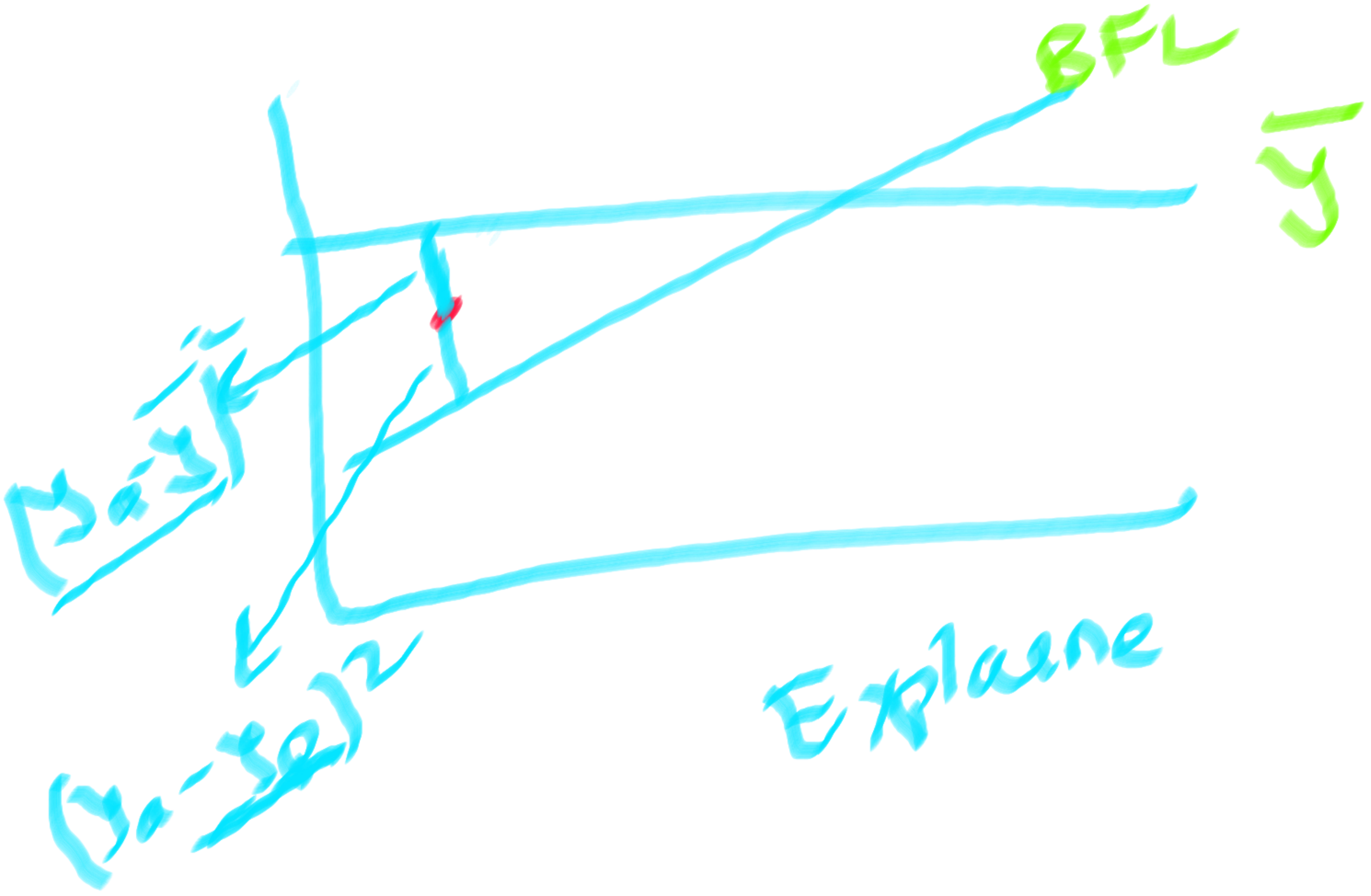
$$= \frac{SST - SSE}{SST}$$

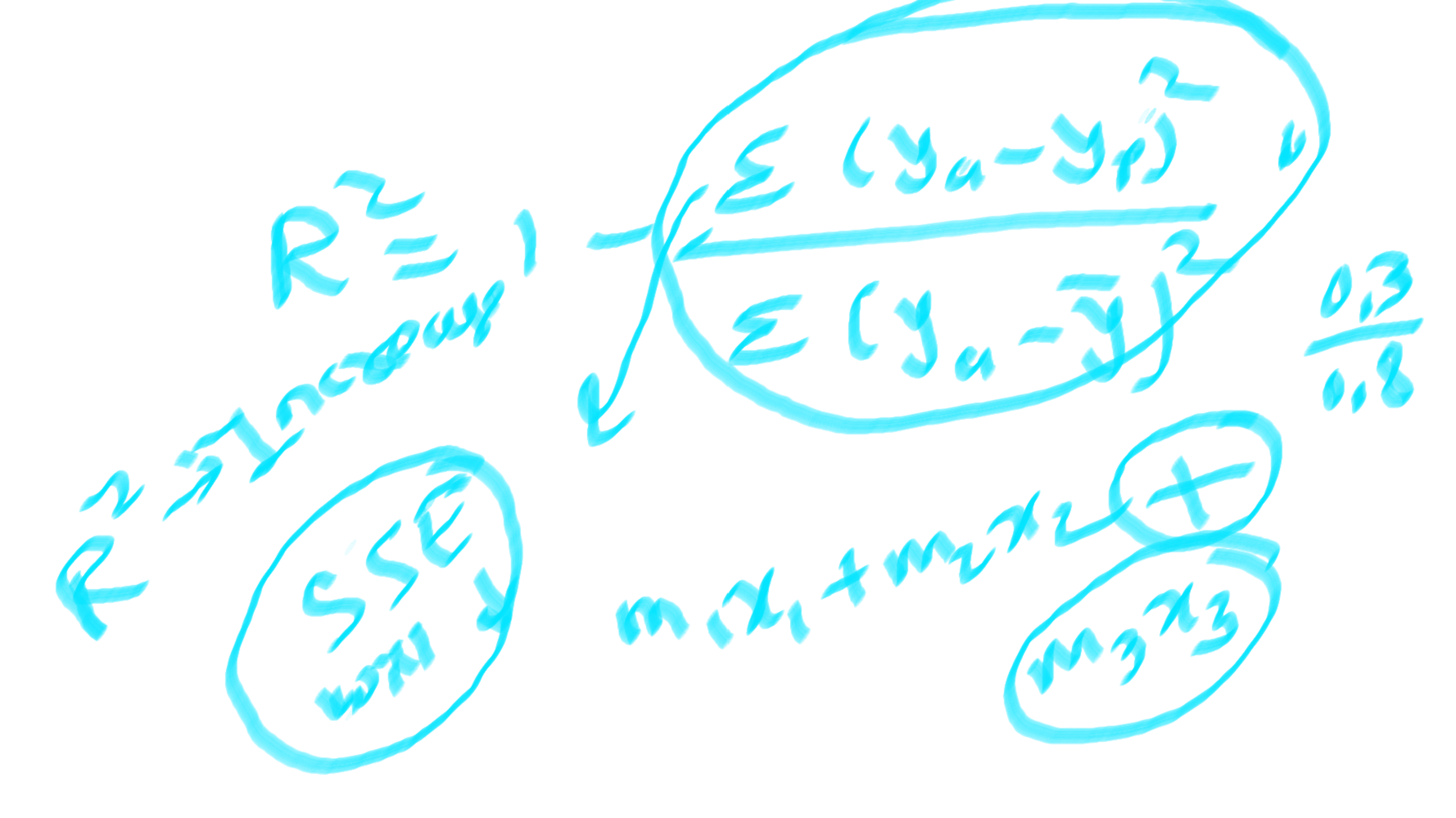
$$= \frac{\text{Explained variation}}{\text{Total variation}}$$

$$R^2 = \frac{Var(mean) - Var(BFL)}{Var(mean)}$$

$$R^2 = \frac{46 - 10}{46} = \frac{36}{46} = 0.78$$



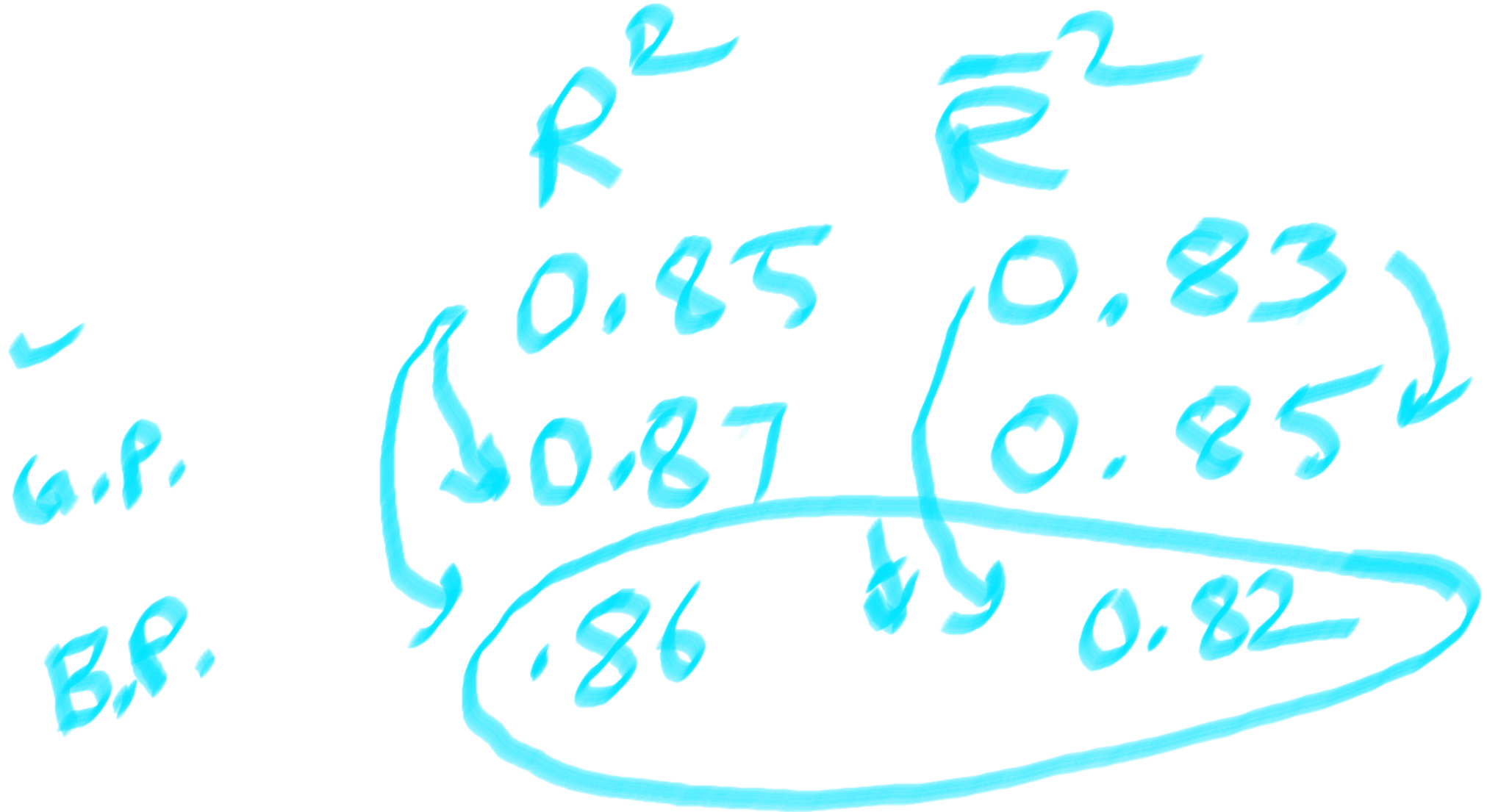

BFL
Explane



$$\bar{R}^2 = 1 - \frac{(1-R^2)(N-1)}{(N-p-1)}$$

$N \rightarrow$ No. of samples

$p \rightarrow$ No of predictors (columns) Indepen


R^2
$\bar{R}^2$
0.85
0.83
0.87
0.85
G.P.
B.P.
.86
0.82