

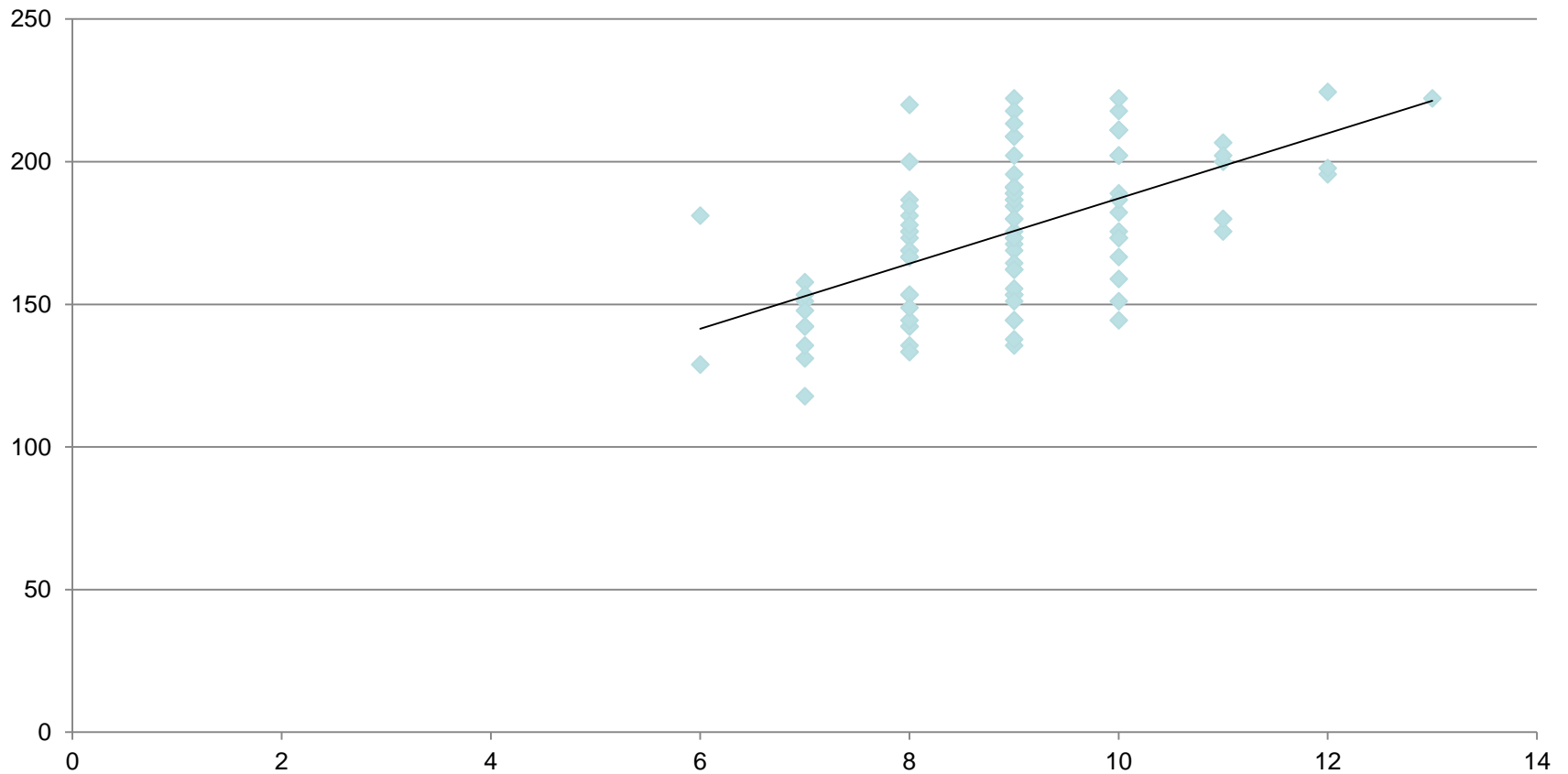
CORRELAÇÃO (X,Y)

$$\text{Correlação (X,Y)} = \frac{\text{RAIZQUADR}\{\text{SQLlinear}\}}{(\text{SQLlinear} + \text{SQFA} + \text{SQEP})}$$

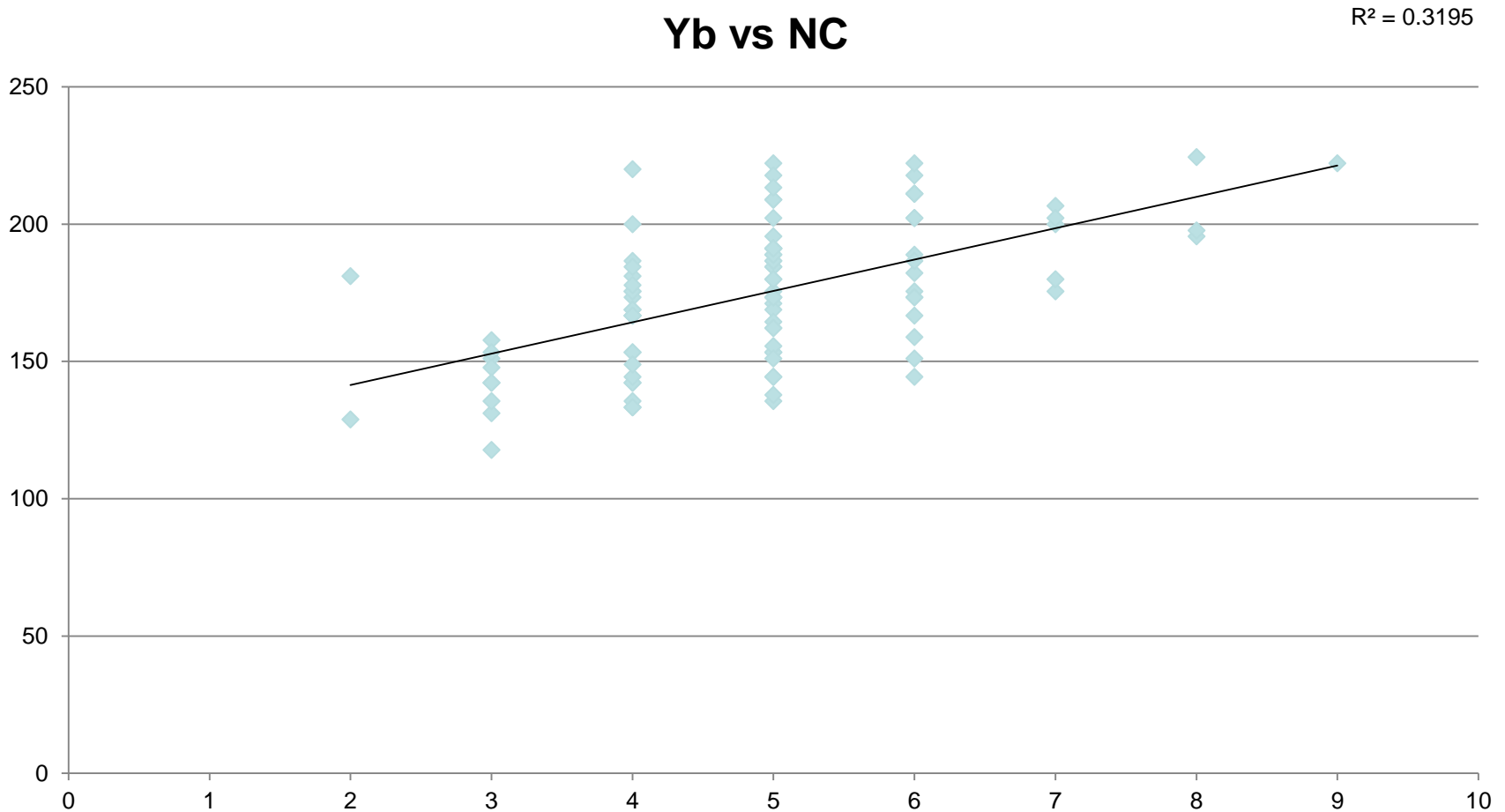
CASO 1: Intraclasse X, Ya

Ya vs NC

$R^2 = 0.3195$



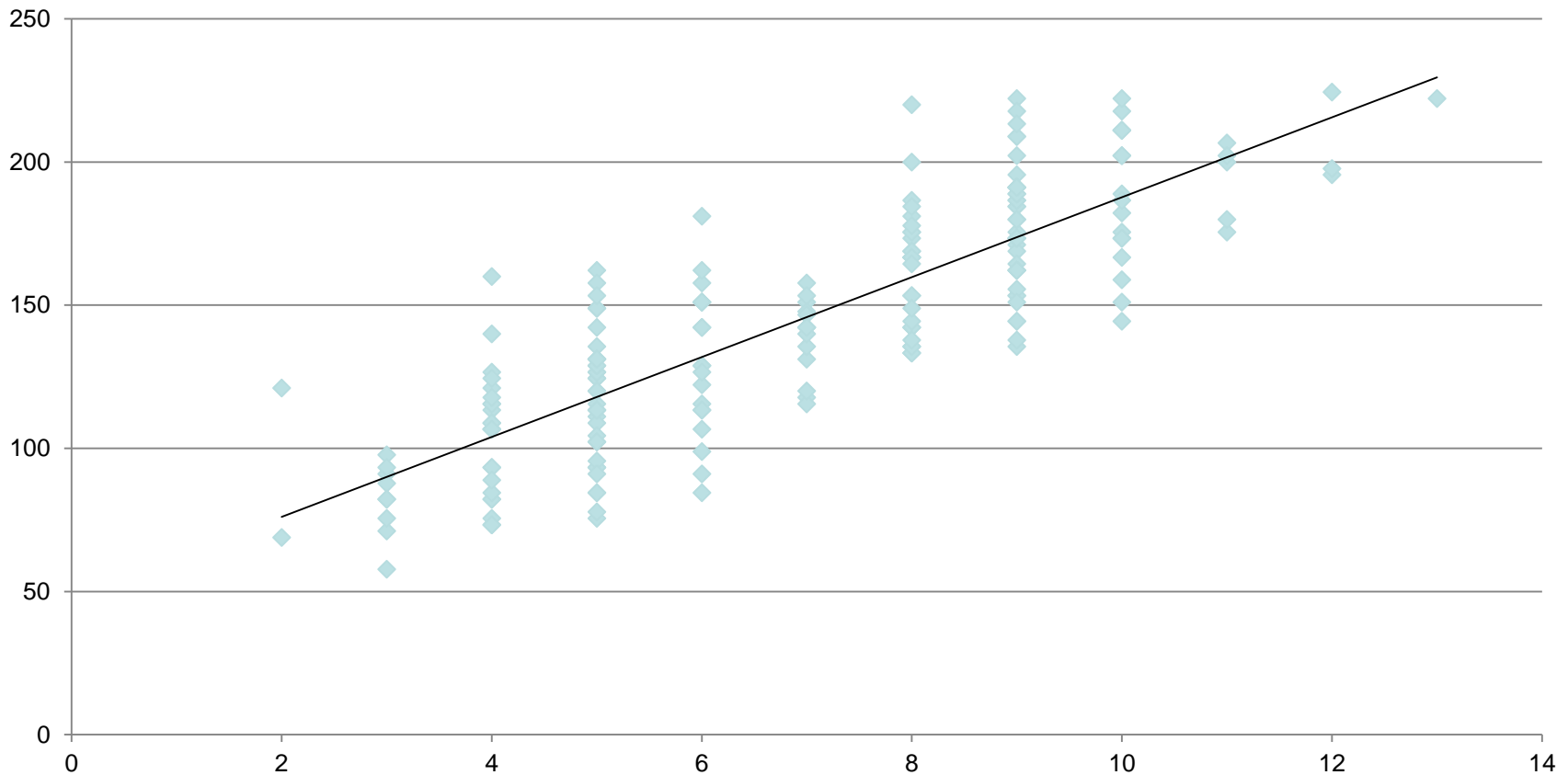
Caso 1: Intraclass X, Yb



CASO 1:INTERCLASSE X, Yab

Y(A e B) vs NC (PODE SER “NON SENSE”,cuidado!!!)

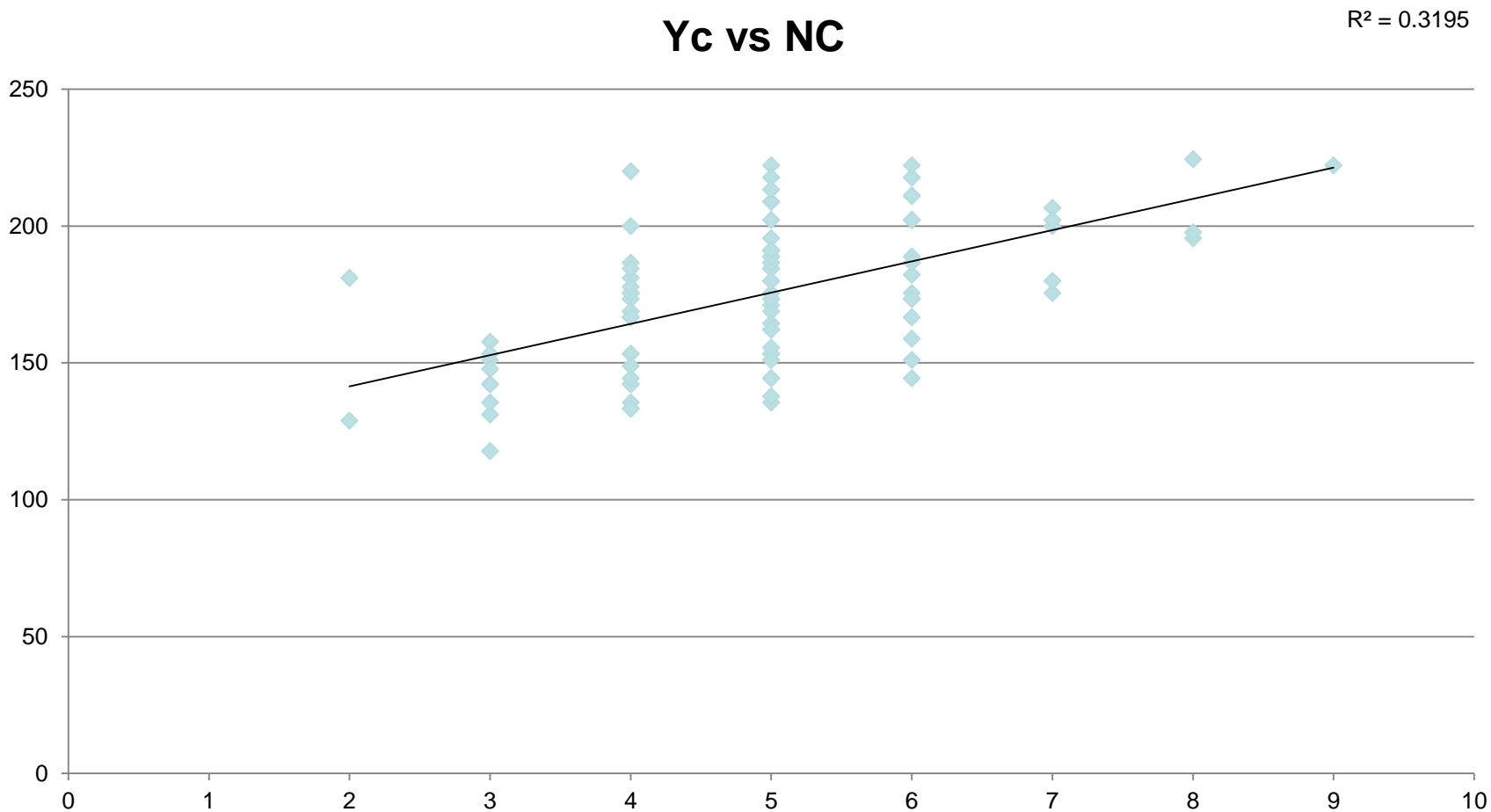
$R^2 = 0.7013$



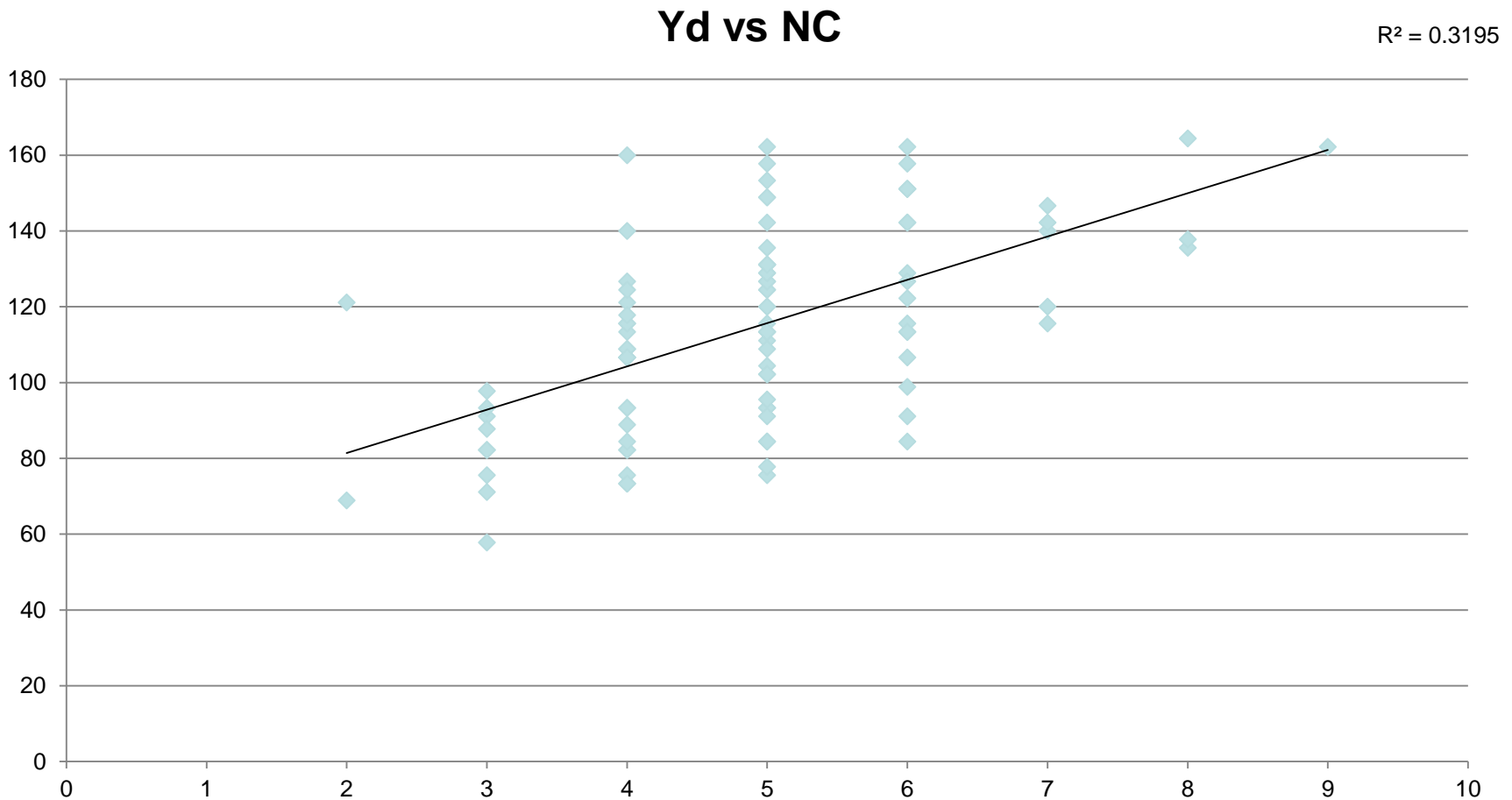
Mudando a posição das classes

- Cuidado!!!!

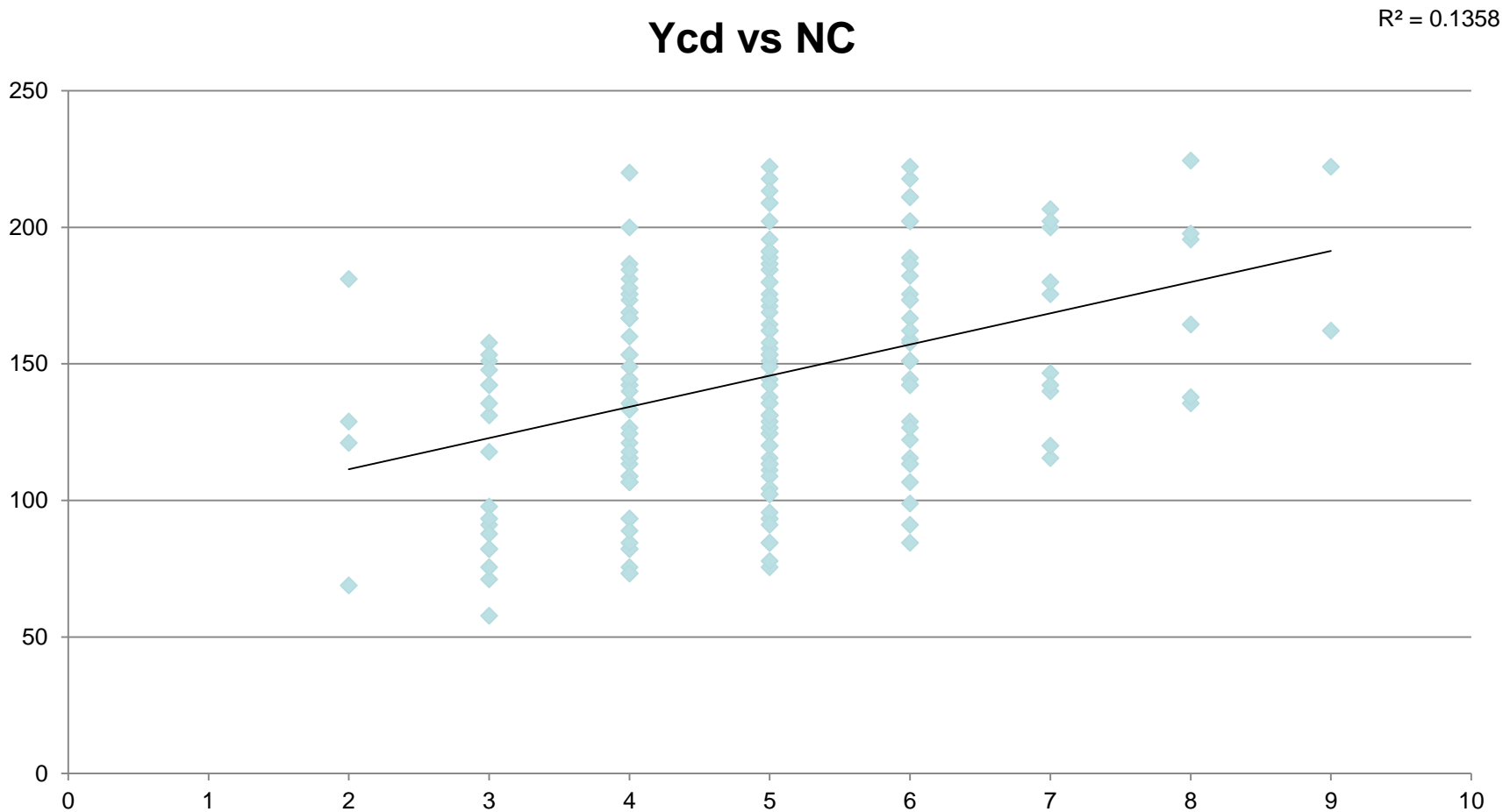
CASO 2: Intraclass X, Yc



Caso 2: Intraclass X, Yd



CASO 2:INTERCLASSE X, Ycd

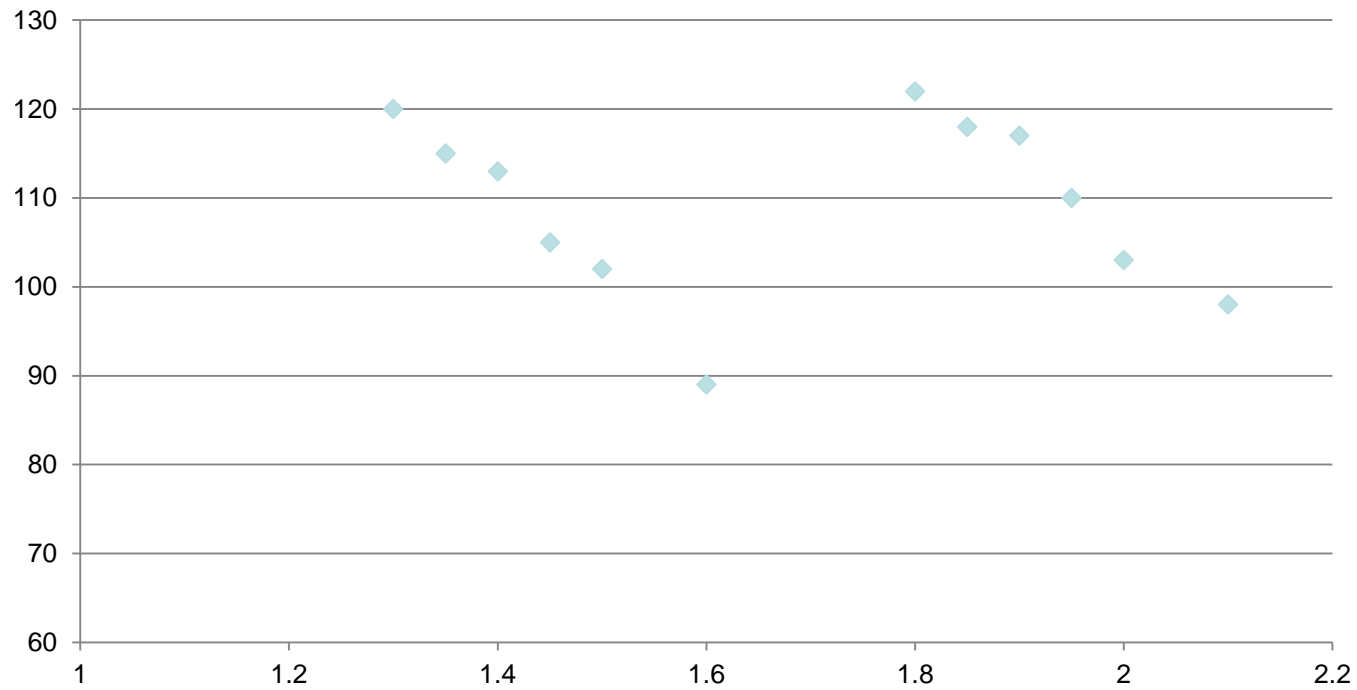


CONCLUSÃO PARCIAL

- CORRELAÇÃO INTRACLASSE É LEGAL
- CORRELAÇÃO INTERCLASSE PODE SER EXTREMAMENTE “NON SENSE”.

PROD VS FLECHA

PROD



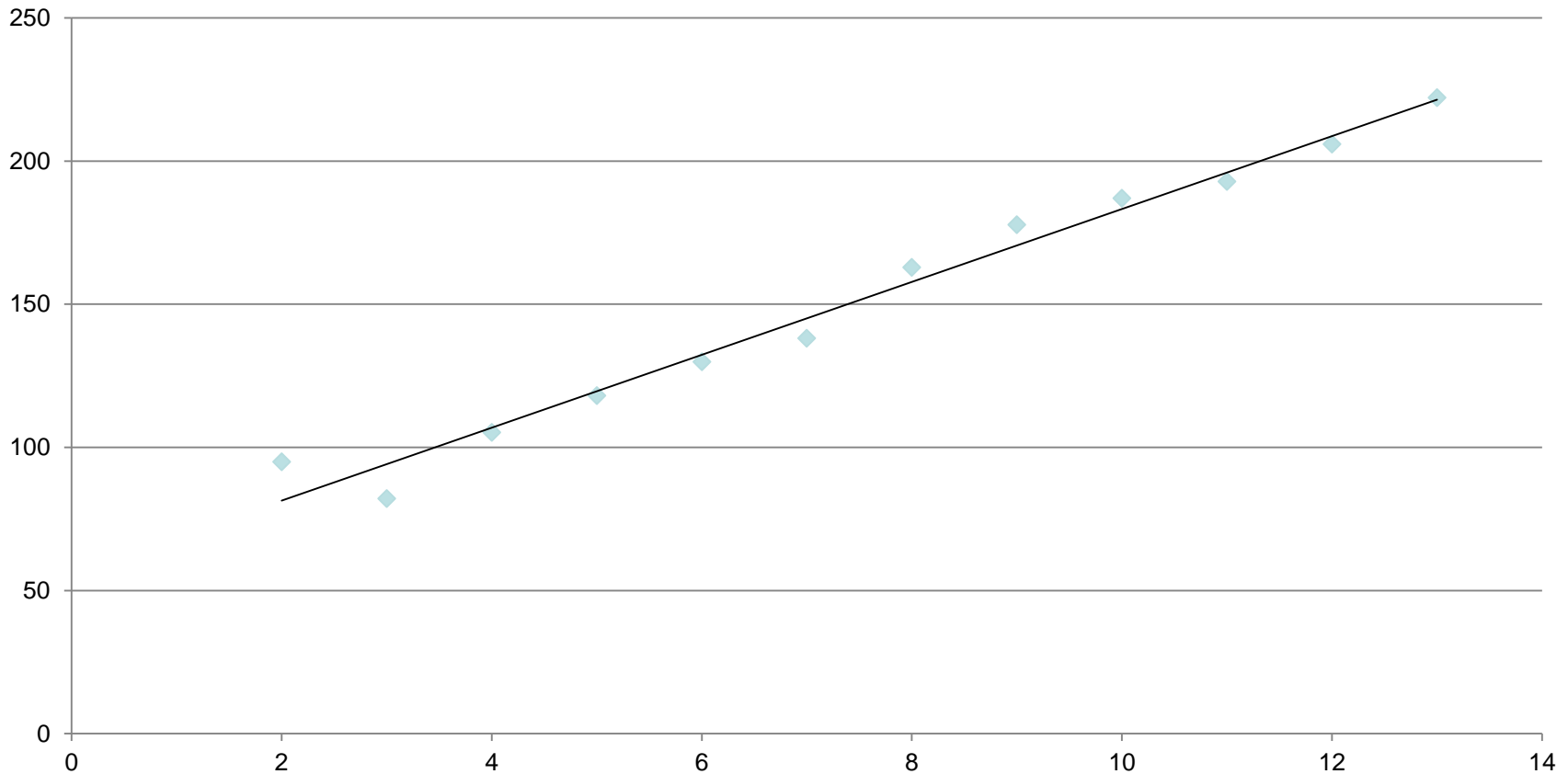
CORRELAÇÃO (X, Y_{média})

Correlação (X, Y_{média}) =
RAIZQUADR{SQLlinear/
(SQLlinear + SQFAJUS)}
(COM MÉDIA (Y_m) É SEMPRE
MAIOR!)

CASO1:CORRELAÇÃO COM MÉDIAS A e B

Yab(MÉDIA) vs NC

$R^2 = 0.9789$



CASO2: CORRELAÇÃO COM MÉDIAS C e D

Ycd(MÉDIA) vs NC

$R^2 = 0.9356$

