

1

x_i	y_i
25	46
(41
25	401
(26
(11
25	41
(31
25	38
12	28
25	42
5	20

100	200
-----	-----



2



$y_1 \sim m \cdot x_1 + b$

STATISTICS

$r^2 = 0.7099$
 $r = 0.8426$

RESIDUALS

e_1

PARAMETERS

$m = 0.946341$ $b = 170.273$

3



$y = \left(\frac{400 - 150}{255} \right) x + 150$

4

x_i	y_i
255	460
0	40
0	70
255	360
0	230
255	360
255	400
0	200
127	290
127	210
150	340
30	90



5



$y_2 \sim m \cdot x_2 + b$

STATISTICS

$r^2 = 0.7903$
 $r = 0.889$

RESIDUALS

e_2

PARAMETERS

$m = 1.07967$ $b = 127.18$

6




$y = \left(\frac{365 - 98}{255} \right) x + 98$

7

x_i	y_i
255	590
0	80
0	150
0	240
255	510
0	150
255	530
255	500
127	390
0	140
220	550
110	360

8



$y_3 \sim m \cdot x_3 + b$

STATISTICS

$r^2 = 0.9335$
 $r = 0.9662$


PARAMETERS

$m = 1.52776$
 $b = 164.875$

RESIDUALS

e_3

9



$y = \left(\frac{517 - 175}{255} \right) x + 176$