

Tarea #5

Jimena López Bórquez

X	Y	X ²	Y ²	XY	$r = \frac{N \sum(XY) - \sum X \sum Y}{\sqrt{[N \sum X^2 - (\sum X)^2][N \sum Y^2 - (\sum Y)^2]}}$
40	43	1,600	1,849	1,720	$r = \frac{6 \cdot 11,120 - 252 \cdot 257}{\sqrt{[6 \cdot 11,054 - (252)^2][6 \cdot 11,343 - (257)^2]}}$
40	48	1,600	2,304	1,920	
55	54	3,025	2,916	2,970	$r = \frac{66,720 - 64,764}{\sqrt{[66,324 - 63,504][68,058 - 66,049]}}$
35	32	1,225	1,024	1,120	
52	45	2,704	2,025	2,340	$r = \frac{1956}{\sqrt{2,820 - 2,009.1}} = \frac{1,956}{\sqrt{5,665,380.2}}$
30	35	900	1,225	1,050	
252	257	11,054	11,343	11,120	

Correlación aceptable

$$r = \frac{1956}{2,820.21} = 0.82$$

