

	x	y	xy	x^2
	0	4	0	0
	10	22	220	100
	20	44	880	400
	30	60	1800	900
	40	82	3280	1600
sum	100	212	6180	3000

	x	y	xy	x^2	\hat{y}	$(\hat{y} - \bar{y})^2$	$(y - \bar{y})^2$
	0	4	0	0	3.60	1505.44	1474.66
	10	22	220	100	23.00	376.36	416.16
	20	44	880	400	42.40	0	2.56
	30	60	1800	900	61.80	373.36	309.76
	40	82	3280	1600	81.20	1505.44	1568.16
sum	100	212	6180	3000	—	3763.60	3771.20
avg	—	42.40	—	—	—	—	—

	x	y	xy	x^2	\hat{y}	$(\hat{y} - \bar{y})^2$	$(y - \bar{y})^2$	$(y - \hat{y})^2$
	0	4	0	0	3.60	1505.44	1474.66	0.16
	10	22	220	100	23.00	376.36	416.16	1.00
	20	44	880	400	42.40	0	2.56	2.56
	30	60	1800	900	61.80	373.36	309.76	3.24
	40	82	3280	1600	81.20	1505.44	1568.16	0.64
sum	100	212	6180	3000	—	3763.60	3771.20	7.60
avg	—	42.40	—	—	—	—	—	—

