

Solutions

X	18	5	2	6	11	9	7	12	16
	9	2	1	3	6	5	4	7	8
y	51	64	32	78	25	65	37	49	17
	6	7	3	9	2	8	4	5	1

$$r = -0.2667$$

X	0.3	0.9	1.5	1.4	0.7	1.2	1.9
	1	3	6	5	2	4	7
y	15	18	19	16	13	11	10
	4	6	7	5	3	2	1

$$r = -0.0714$$

X	5	9	4	5	6	3	8	7	1
	4.5	9	3	4.5	6	2	8	7	1
y	22	28	26	31	24	22	25	21	30
	2.5	7	6	9	4	2.5	5	1	8

$$r = -0.1387$$

X	80	70	50	60	90	50	40	20	50	10	30
	10	9	6	8	11	6	4	2	6	1	3
y	5	4	2	3	6	9	2	1	7	2	8
	7	6	3	5	8	11	3	1	9	3	10

$$r = 0.3796$$

X	1.7	1.9	1.2	1.6	0.8	1.2	0.7	0.8	1.1	1.3	0.8	1.5	0.3
	12	13	7.5	11	4	7.5	2	4	6	9	4	10	1
y	5	9	3	6	8	4	1	5	2	7	8	0	5
	7	13	4	9	11.5	5	2	7	3	10	11.5	1	7

$$r = 0.1755$$