

ID	pohlavi	vyska	hmotnost	Vi-mV	Hi-mH	(mV-Vi)(mH-Hi)	H.stř	e
1	0	175	82	1.65	7.35	12.1275	75.87356	6.126444
2	0	172	89	-1.35	14.35	-19.3725	73.64891	15.35109
3	1	165	62	-8.35	-12.65	105.6275	68.45806	-6.45806
4	1	170	65	-3.35	-9.65	32.3275	72.16581	-7.16581
5	0	198	89	24.65	14.35	353.7275	92.92919	-3.92919
6	0	189	65	15.65	-9.65	-151.0225	86.25525	-21.2552
7	0	165	60	-8.35	-14.65	122.3275	68.45806	-8.45806
8	1	170	85	-3.35	10.35	-34.6725	72.16581	12.83419
9	1	178	74	4.65	-0.65	-3.0225	78.0982	-4.0982
10	0	152	68	-21.35	-6.65	141.9775	58.81792	9.182077
11	1	145	52	-28.35	-22.65	642.1275	53.62708	-1.62708
12	1	178	95	4.65	20.35	94.6275	78.0982	16.9018
13	1	170	77	-3.35	2.35	-7.8725	72.16581	4.83419
14	1	178	78	4.65	3.35	15.5775	78.0982	-0.0982
15	0	183	79	9.65	4.35	41.9775	81.80595	-2.80595
16	0	185	90	11.65	15.35	178.8275	83.28905	6.710951
17	1	165	58	-8.35	-16.65	139.0275	68.45806	-10.4581
18	1	180	75	6.65	0.35	2.3275	79.5813	-4.5813
19	0	199	100	25.65	25.35	650.2275	93.67074	6.329261
20	0	150	50	-23.35	-24.65	575.5775	57.33482	-7.33482

průměr	0.5	173.35	74.65					
sd	0.512989	14.32802	14.33536	r	0.741169333	korelace	a	
				vzorec	0.741169333		b	
				r ²	0.54933198		H.stř = -53,!	
				c	152.2342105	kovariance		
				R	0.741169333	mnohonásobná korela		

$$r_{XY} = \frac{1}{N-1} \text{Suma}(i \text{ 1 až } N) \text{-----}$$

$$s_x = \text{odmocnina}(s_x^2)$$

$$s_x^2 = \frac{1}{N-1} \text{Suma}(i \text{ 1 až } N) (X_i - m_x)^2$$

-53.8976

0.741549

9 + 0,742 * V

ce, multiple correlation

$$\frac{(X_i - m_x)(Y_i - m_y)}{s_x s_y} = \frac{1}{N-1} \text{Suma}(\dots) z_{xi} z_{yi}$$

ID	pohlavi	vyska	hmotnost	Vi-mV	Hi-mH	(mV-Vi)(mH-Hi)	H.stř	e
1	0	175	82	1.65	7.35	12.1275	70.5	11.5
2	0	172	89	-1.35	14.35	-19.3725	68.4	20.6
3	1	165	62	-8.35	-12.65	105.6275	64.5	-2.5
4	1	170	65	-3.35	-9.65	32.3275	68	-3
5	0	198	89	24.65	14.35	353.7275	86.6	2.4
6	0	189	65	15.65	-9.65	-151.0225	80.3	-15.3
7	0	165	60	-8.35	-14.65	122.3275	63.5	-3.5
8	1	170	85	-3.35	10.35	-34.6725	68	17
9	1	178	74	4.65	-0.65	-3.0225	73.6	0.4
10	0	152	68	-21.35	-6.65	141.9775	54.4	13.6
11	1	145	52	-28.35	-22.65	642.1275	50.5	1.5
12	1	178	95	4.65	20.35	94.6275	73.6	21.4
13	1	170	77	-3.35	2.35	-7.8725	68	9
14	1	178	78	4.65	3.35	15.5775	73.6	4.4
15	0	183	79	9.65	4.35	41.9775	76.1	2.9
16	0	185	90	11.65	15.35	178.8275	77.5	12.5
17	1	165	58	-8.35	-16.65	139.0275	64.5	-6.5
18	1	180	75	6.65	0.35	2.3275	75	0
19	0	199	100	25.65	25.35	650.2275	87.3	12.7
20	0	150	50	-23.35	-24.65	575.5775	53	-3

průměr 0.5 173.35 74.65

sd 0.512989 14.32802 14.33536

r 0.741169333 korelace a
vzorec 0.741169333 b1
r² 0.54933198 b2
c 152.2342105 kovariance SS
R 0.74026824 mnohonásr R²

$$r_{XY} = \frac{1}{N-1} \text{Suma}(i=1 \text{ až } N)$$

$$s_X = \text{odmocnina}(s_X^2)$$

$$s_X^2 = \frac{1}{N-1} \text{Suma}(i=1 \text{ až } N)$$

-52
0.7
1
99434.45
0.547997067

$$N) \frac{(X_i - m_x)(Y_i - m_y)}{s_x s_y} = \frac{1}{N-1} \text{Suma}(\dots) z_{xi} z_{yi}$$

$$\sum N) (X_i - m_x)^2$$