

5. Hubungan kekuatan otot tungkai dengan Jarak Luncur Satu Kayuhan Renang Gaya Dada.

No	Nama	X2	Y	X <sup>2</sup>	Y <sup>2</sup>	XY
1	Abdurrahman Al Anwari	48	359	2304	128881	17232
2	Ahsan Shibghotullah	38	367	1444	134689	13946
3	Aldivar Cahyo Santoso	42	362	1764	131044	15204
4	Aufa Zinda Fauzan	50	386	2500	148996	19300
5	Aulia Furqan Sufarnap	35	365	1225	133225	12775
6	Azzam Al Hanif	45	370	2025	136900	16650
7	Bambang Wicaksono	37	373	1369	139129	13801
8	Faiz Muhammad Al As'ady	32	368	1024	135424	11776
9	Fathur Rizky Edwar	34	357	1156	127449	12138
10	Hilman Abdurrahman	38	361	1444	130321	13718
11	Husni Mubarak Al Ghifari	33	355	1089	126025	11715
12	Imam Godly Alam	53	418	2809	174724	22154
13	Khalid Khaidar Dzar	46	385	2116	148225	17710
14	Muhammad Ilham Ramadhan	52	396	2704	156816	20592
15	Miftah Ramadhan	48	388	2304	150544	18624
16	Muhammad Al Jundi	49	374	2401	139876	18326
17	Muhammad Fakri Mutahari	42	380	1764	144400	15960
18	Muhammad Fathan Izzulislam	41	406	1681	164836	16646
19	Ahmad Fida Abdullah	51	424	2601	179776	21624
20	Muhammad Hanif	42	376	1764	141376	15792
21	Mohammad Irfan Fanani	44	383	1936	146689	16852
22	Muhammad Reza A	39	388	1521	150544	15132
23	Norman Ahmad Rabbani	43	375	1849	140625	16125
24	Nur Muhammad Bagus Satria	38	364	1444	132496	13832
25	Priyanala Luthan	41	382	1681	145924	15662
26	Randa Indra Rahman	50	419	2500	175561	20950
27	Yahya Ayash	51	393	2601	154449	20043
28	Muhammad Faizan Alfaj	30	372	900	138384	11160
29	Ammar Muzhaffar	41	416	1681	173056	17056
30	Afif Nur Miftah	38	407	1444	165649	15466
31	Ares Azanski Hermanses	45	412	2025	169744	18540
32	Farid Rifki Sulistyawan	39	396	1521	156816	15444
33	Fauzan Adityo Ramadhan	40	418	1600	174724	16720
34	Hardrian Nobel	31	379	961	143641	11749
35	Kevin Figli	34	372	1156	138384	12648

36	Mohammad Fadil	51	422	2601	178084	21522
37	Maruto Falah Maliki	56	420	3136	176400	23520
38	Mhd Filbert Musnal	45	417	2025	173889	18765
39	Mohammad Adil Ibrahim	38	396	1444	156816	15048
40	Muhammad Amin Rais	43	378	1849	142884	16254
41	Muhammad Fatih Fauzan	45	412	2025	169744	18540
42	Muhammad Ruhiyat	40	415	1600	172225	16600
43	Ramandhika Surya Pradana	38	379	1444	143641	14402
44	Wan Isyraf Naufal	34	386	1156	148996	13124
<b>Total</b>		<b>1850</b>	<b>17071</b>	<b>79588</b>	<b>6642021</b>	<b>720837</b>

$$r_{XY} = \frac{n \sum XY - (\sum X)(\sum Y)}{\sqrt{\{n \sum X^2 - (\sum X)^2\} \{n \sum Y^2 - (\sum Y)^2\}}}$$

$$r_{XY} = \frac{(44).(720837) - (1850)(17071)}{\sqrt{\{(44).(79588) - (1850)^2\} \{(44).(6642021) - (17071)^2\}}}$$

$$r_{XY} = \frac{31716828 - 31581350}{\sqrt{\{(3501872) - (3422500)\} \{(292248924) - (291419041)\}}}$$

$$r_{XY} = \frac{135478}{\sqrt{\{79372\} \{829883\}}}$$

$$r_{XY} = \frac{135478}{\sqrt{65869473476}}$$

$$r_{XY} = \frac{135478}{256650,489}$$

$$r_{XY} = 0,5279$$