

3. Hubungan antara power tungkai dengan Jarak Luncur Satu Kayuhan Renang Gaya Dada.

No	Nama	X4	Y	X	Y	XY
1	Abdurrahman Al Anwari	52	359	2704	128881	18668
2	Ahsan Shibghotullah	49	367	2401	134689	17983
3	Aldivar Cahyo Santoso	48	362	2304	131044	17376
4	Aufa Zinda Fauzan	56	386	3136	148996	21616
5	Aulia Furqan Sufarnap	47	365	2209	133225	17155
6	Azzam Al Hanif	53	370	2809	136900	19610
7	Bambang Wicaksono	52	373	2704	139129	19396
8	Faiz Muhammad Al As'ady	46	368	2116	135424	16928
9	Fathur Rizky Edwar	48	357	2304	127449	17136
10	Hilman Abdurrahman	49	361	2401	130321	17689
11	Husni Mubarak Al Ghifari	48	355	2304	126025	17040
12	Imam Godly Alam	57	418	3249	174724	23826
13	Khalid Khaidar Dzar Al Ghifari	53	385	2809	148225	20405
14	Muhammad Ilham Ramadhan	55	396	3025	156816	21780
15	Miftah Ramadhan	52	388	2704	150544	20176
16	Muhammad Al Jundi	52	374	2704	139876	19448
17	Muhammad Fakri Mutahari	53	380	2809	144400	20140
18	Muhammad Fathan Izzulislam	51	406	2601	164836	20706
19	Ahmad Fida Abdullah	55	424	3025	179776	23320
20	Muhammad Hanif	51	376	2601	141376	19176
21	Mohammad Irfan Fanani	52	383	2704	146689	19916
22	Muhammad Reza A	50	388	2500	150544	19400
23	Norman Ahmad Rabbani	54	375	2916	140625	20250
24	Nur Muhammad Bagus Satria	49	364	2401	132496	17836
25	Priyanala Luthan	52	382	2704	145924	19864
26	Randa Indra Rahman	53	419	2809	175561	22207
27	Yahya Ayash	52	393	2704	154449	20436
28	Muhammad Faizan Alfaj	45	372	2025	138384	16740
29	Ammar Muzhaffar	52	416	2704	173056	21632
30	Afif Nur Miftah	50	407	2500	165649	20350
31	Ares Azanski Hermanses	57	412	3249	169744	23484
32	Farid Rifki Sulistyawan	53	396	2809	156816	20988
33	Fauzan Adityo Ramadhan	54	418	2916	174724	22572
34	Hardrian Nobel	50	379	2500	143641	18950
35	Kevin Figli	49	372	2401	138384	18228

36	Mohammad Fadil Wicaksono	59	422	3481	178084	24898
37	Maruto Falah Maliki	58	420	3364	176400	24360
38	Mhd Filbert Musnal	54	417	2916	173889	22518
39	Mohammad Adil Ibrahim	50	396	2500	156816	19800
40	Muhammad Amin Rais	52	378	2704	142884	19656
41	Muhammad Fatih Fauzan	54	412	2916	169744	22248
42	Muhammad Ruhayat Haririe	54	415	2916	172225	22410
43	Ramandhika Surya Pradana	49	379	2401	143641	18571
44	Wan Isyraf Naufal	50	386	2500	148996	19300
Total		2279	17071	118459	6642021	886188

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

$$r_{XY} = \frac{(44).(886188) - (2279)(17071)}{\sqrt{\{(44).(118459) - (2279)^2\} \{(44).(6642021) - (17071)^2\}}}$$

$$r_{XY} = \frac{38992272 - 38904809}{\sqrt{\{(5212196) - (5193841)\} \{(292248924) - (291419041)\}}}$$

$$r_{XY} = \frac{87463}{\sqrt{\{18355\} \{829883\}}}$$

$$r_{XY} = \frac{87463}{\sqrt{15232502465}}$$

$$r_{XY} = \frac{87463}{123420,025}$$

$$r_{XY} = 0,7087$$