Sum of the Prime Factors

In this section, we will make some determinations by separating the index of Qur'ān into prime factors. What do prime factors of a number mean?

Non-prime numbers can be separated into multipliers by using the appropriate prime numbers among the preceding. Let us explain it with a few examples:

✍   Example:
Let us consider the number 6
Prime factors of this number: $6 = 2 * 3$

Let us consider the number 8
Prime factors of this number: $8 = \mathbf{2 * 2 * 2}$

Let us consider the number 75
Prime factors of this number: $75 = \mathbf{3 * 5 * 5}$

Let us consider the number 100
Prime factors of this number: $100 = \mathbf{2 * 2 * 5 * 5}$

In separation of factors, if exponential notation is used for the repeated multipliers,

$$8 = \mathbf{2^3} \qquad 75 = \mathbf{3 * 5^2} \qquad 100 = \mathbf{2^2 * 5^2}$$

Then the acquired notation is called as separating such number into prime factors, and the transaction is called the separation into prime factors (the **integer prime-factorization**).

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$a_0(100) = 2 + 2 + 5 + 5$

$a_0(100) = \mathbf{14}$

The largest number in the index of Holy Qur'ān is 286. In the following list, prime factors of the numbers 1 thru 286 and their sums are given:

n	Prime Factors	$a_0(n)$	n	Prime Factors	$a_0(n)$
1	**1**	1	144	$2^4 \cdot 3^2$	14
2	**2**	2	145	$5 \cdot 29$	34
3	**3**	3	146	$2 \cdot 73$	75
4	2^2	4	147	$3 \cdot 7^2$	17
5	**5**	5	148	$2^2 \cdot 37$	41
6	2.3	5	149	**149**	149
7	**7**	7	150	$2 \cdot 3 \cdot 5^2$	15
8	2^3	6	151	**151**	151
9	3^2	6	152	$2^3 \cdot 19$	25
10	$2 \cdot 5$	7	153	$3^2 \cdot 17$	23
11	**11**	11	154	$2 \cdot 7 \cdot 11$	20
12	$2^2 \cdot 3$	7	155	$5 \cdot 31$	36
13	**13**	13	156	$2^2 \cdot 3 \cdot 13$	20
14	$2 \cdot 7$	9	157	**157**	157
15	$3 \cdot 5$	8	158	$2 \cdot 79$	81
16	2^4	8	159	$3 \cdot 53$	56
17	**17**	17	160	$2^5 \cdot 5$	15
18	$2 \cdot 3^2$	8	161	$7 \cdot 23$	30
19	**19**	19	162	$2 \cdot 3^4$	14
20	$2^2 \cdot 5$	9	163	**163**	163
21	$3 \cdot 7$	10	164	$2^2 \cdot 41$	45
22	$2 \cdot 11$	13	165	$3 \cdot 5 \cdot 11$	19
23	**23**	23	166	$2 \cdot 83$	85
24	$2^3 \cdot 3$	9	167	**167**	167
25	5^2	10	168	$2^3 \cdot 3 \cdot 7$	16

26	$2 \cdot 13$	15	169	132	26
27	33	9	170	$2 \cdot 5 \cdot 17$	24
28	$2^2 \cdot 7$	11	171	$3^2 \cdot 19$	25
29	**29**	29	172	$2^2 \cdot 43$	47
30	$2 \cdot 3 \cdot 5$	10	173	**173**	173
31	**31**	31	174	$2 \cdot 3 \cdot 29$	34
32	2^5	10	175	$5^2 \cdot 7$	17
33	$3 \cdot 11$	14	176	$2^4 \cdot 11$	19
34	$2 \cdot 17$	19	177	$3 \cdot 59$	62
35	$5 \cdot 7$	12	178	$2 \cdot 89$	91
36	$2^2 \cdot 3^2$	10	179	**179**	179
37	**37**	37	180	$2^2 \cdot 3^2 \cdot 5$	15
38	$2 \cdot 19$	21	181	**181**	181
39	$3 \cdot 13$	16	182	$2 \cdot 7 \cdot 13$	22
40	$2^3 \cdot 5$	11	183	$3 \cdot 61$	64
41	**41**	41	184	$2^3 \cdot 23$	29
42	$2 \cdot 3 \cdot 7$	12	185	$5 \cdot 37$	42
43	**43**	43	186	$2 \cdot 3 \cdot 31$	36
44	$2^2 \cdot 11$	15	187	$11 \cdot 17$	28
45	$3^2 \cdot 5$	11	188	$2^2 \cdot 47$	51
46	$2 \cdot 23$	25	189	$3^3 \cdot 7$	16
47	**47**	47	190	$2 \cdot 5 \cdot 19$	26
48	$2^4 \cdot 3$	11	191	**191**	191
49	7^2	14	192	$2^6 \cdot 3$	15
50	$2 \cdot 5^2$	12	193	**193**	193
51	$3 \cdot 17$	20	194	$2 \cdot 97$	99
52	$2^2 \cdot 13$	17	195	$3 \cdot 5 \cdot 13$	21
53	**53**	53	196	$2^2 \cdot 7^2$	18
54	$2 \cdot 3^3$	11	197	**197**	197
55	$5 \cdot 11$	16	198	$2 \cdot 3^2 \cdot 11$	19
56	$2^3 \cdot 7$	13	199	**199**	199
57	$3 \cdot 19$	22	200	$2^3 \cdot 5^2$	16
58	$2 \cdot 29$	31	201	$3 \cdot 67$	70
59	**59**	59	202	$2 \cdot 101$	103

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60	$2^2 \cdot 3 \cdot 5$	12	203	$7 \cdot 29$	36
61	**61**	61	204	$2^2 \cdot 3 \cdot 17$	24
62	$2 \cdot 31$	33	205	$5 \cdot 41$	46
63	$3^2 \cdot 7$	13	206	$2 \cdot 103$	105
64	2^6	12	207	$3^2 \cdot 23$	29
65	$5 \cdot 13$	18	208	$2^4 \cdot 13$	21
66	$2 \cdot 3 \cdot 11$	16	209	$11 \cdot 19$	30
67	**67**	67	210	$2 \cdot 3 \cdot 5 \cdot 7$	17
68	$2^2 \cdot 17$	21	211	**211**	211
69	$3 \cdot 23$	26	212	$2^2 \cdot 53$	57
70	$2 \cdot 5 \cdot 7$	14	213	$3 \cdot 71$	74
71	**71**	71	214	$2 \cdot 107$	109
72	$2^3 \cdot 3^2$	12	215	$5 \cdot 43$	48
73	**73**	73	216	$2^3 \cdot 3^3$	15
74	$2 \cdot 37$	39	217	$7 \cdot 31$	38
75	$3 \cdot 5^2$	13	218	$2 \cdot 109$	111
76	$2^2 \cdot 19$	23	219	$3 \cdot 73$	76
77	$7 \cdot 11$	18	220	$2^2 \cdot 5 \cdot 11$	20
78	$2 \cdot 3 \cdot 13$	18	221	$13 \cdot 17$	30
79	**79**	79	222	$2 \cdot 3 \cdot 37$	42
80	$2^4 \cdot 5$	13	223	**223**	223
81	3^4	12	224	$2^5 \cdot 7$	17
82	$2 \cdot 41$	43	225	$3^2 \cdot 5^2$	16
83	**83**	83	226	$2 \cdot 113$	115
84	$2^2 \cdot 3 \cdot 7$	14	227	**227**	227
85	$5 \cdot 17$	22	228	$2^2 \cdot 3 \cdot 19$	26
86	$2 \cdot 43$	45	229	**229**	229
87	$3 \cdot 29$	32	230	$2 \cdot 5 \cdot 23$	30
88	$2^3 \cdot 11$	17	231	$3 \cdot 7 \cdot 11$	21
89	**89**	89	232	$2^3 \cdot 29$	35
90	$2 \cdot 3^2 \cdot 5$	13	233	**233**	233
91	$7 \cdot 13$	20	234	$2 \cdot 3^2 \cdot 13$	21
92	$2^2 \cdot 23$	27	235	$5 \cdot 47$	52
93	$3 \cdot 31$	34	236	$2^2 \cdot 59$	63

94	$2 \cdot 47$	49	237	$3 \cdot 79$	82
95	$5 \cdot 19$	24	238	$2 \cdot 7 \cdot 17$	26
96	$2^5 \cdot 3$	13	239	**239**	239
97	**97**	97	240	$2^4 \cdot 3 \cdot 5$	16
98	$2 \cdot 7^2$	16	241	**241**	241
99	$3^2 \cdot 11$	17	242	$2 \cdot 11^2$	24
100	$2^2 \cdot 5^2$	14	243	3^5	15
101	**101**	101	244	$2^2 \cdot 61$	65
102	$2 \cdot 3 \cdot 17$	22	245	$5 \cdot 7^2$	19
103	**103**	103	246	$2 \cdot 3 \cdot 41$	46
104	$2^3 \cdot 13$	19	247	$13 \cdot 19$	32
105	$3 \cdot 5 \cdot 7$	15	248	$2^3 \cdot 31$	37
106	$2 \cdot 53$	55	249	$3 \cdot 83$	86
107	**107**	107	250	$2 \cdot 5^3$	17
108	$2^2 \cdot 3^3$	13	251	**251**	251
109	**109**	109	252	$2^2 \cdot 3^2 \cdot 7$	17
110	$2 \cdot 5 \cdot 11$	18	253	$11 \cdot 23$	34
111	$3 \cdot 37$	40	254	$2 \cdot 127$	129
112	$2^4 \cdot 7$	15	255	$3 \cdot 5 \cdot 17$	25
113	**113**	113	256	2^8	16
114	$2 \cdot 3 \cdot 19$	24	257	**257**	257
115	$5 \cdot 23$	28	258	$2 \cdot 3 \cdot 43$	48
116	$2^2 \cdot 29$	33	259	$7 \cdot 37$	44
117	$3^2 \cdot 13$	19	260	$2^2 \cdot 5 \cdot 13$	22
118	$2 \cdot 59$	61	261	$3^2 \cdot 29$	35
119	$7 \cdot 17$	24	262	$2 \cdot 131$	133
120	$2^3 \cdot 3 \cdot 5$	14	263	**263**	263
121	11^2	22	264	$2^3 \cdot 3 \cdot 11$	20
122	$2 \cdot 61$	63	265	$5 \cdot 53$	58
123	$3 \cdot 41$	44	266	$2 \cdot 7 \cdot 19$	28
124	$2^2 \cdot 31$	35	267	$3 \cdot 89$	92
125	5^3	15	268	$2^2 \cdot 67$	71
126	$2 \cdot 3^2 \cdot 7$	15	269	**269**	269
127	**127**	127	270	$2 \cdot 3^3 \cdot 5$	16

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128	2^7	14	271	**271**	271
129	$3 \cdot 43$	46	272	$2^4 \cdot 17$	25
130	$2 \cdot 5 \cdot 13$	20	273	$3 \cdot 7 \cdot 13$	23
131	**131**	131	274	$2 \cdot 137$	139
132	$2^2 \cdot 3 \cdot 11$	18	275	$5^2 \cdot 11$	21
133	$7 \cdot 19$	26	276	$2^2 \cdot 3 \cdot 23$	30
134	$2 \cdot 67$	69	277	**277**	277
135	$3^3 \cdot 5$	14	278	$2 \cdot 139$	141
136	$2^3 \cdot 17$	23	279	$3^2 \cdot 31$	37
137	**137**	137	280	$2^3 \cdot 5 \cdot 7$	18
138	$2 \cdot 3 \cdot 23$	28	281	**281**	281
139	**139**	139	282	$2 \cdot 3 \cdot 47$	52
140	$2^2 \cdot 5 \cdot 7$	16	283	**283**	283
141	$3 \cdot 47$	50	284	$2^2 \cdot 71$	75
142	$2 \cdot 71$	73	285	$3 \cdot 5 \cdot 19$	27
143	$11 \cdot 13$	24	286	$2 \cdot 11 \cdot 13$	26

List–99

Sum of the Prime Factors of the Sequence Number of the Surahs

Instead of the sequence number of the surahs let us write down the sum of the prime factors of them:

a_0(*No.*)	*Surah*	a_0(*No.*)	*Surah*	a_0(*No.*)	*Surah*
1	Al-Fātiḥa	16	Al-Zumar	18	Al-Mursalāt
2	Al-Baqarah	11	Al-Mu'min	18	Al-Naba'
3	Āl ‘Imrān	41	Fuṣṣilat	79	Al-Nāzi‘āt
4	Al-Nisā	12	Al-Shūrā	13	‘Abasa
5	Al-Māidah	43	Al-Zukhruf	12	Al-Takwīr
5	Al-En‘ām	15	Al-Dukhān	43	Al-Infiṭār
7	Al-A‘rāf	11	Al-Jāthiyah	83	Al-

					Muṭaffifīn
6	Al-Anfāl	25	Al-Aḥqāf	14	Al-Inshiqāq
6	Al-Tawbah	47	Muḥammad	22	Al-Burūj
7	Yūnus	11	Al-Fatḥ	45	Al-Ṭāriq
11	Hūd	14	Al-Ḥujurāt	32	Al-A‘lā
7	Yūsuf	12	Qāf	17	Al-Ghāshiyah
13	Al-Ra‘d	20	Al-Dhāriyāt	89	Al-Fajr
9	Ibrāhīm	17	Al-Ṭūr	13	Al-Balad
8	Al-Ḥijr	53	Al-Najm	20	Al-Shams
8	Al-Naḥl	11	Al-Qamar	27	Al-Layl
17	Al-’Isrā	16	Al-Raḥmān	34	Al-Ḍuḥā
8	Al-Kahf	13	Al-Wāqi‘ah	49	Al-Inshirāḥ
19	Maryam	22	Al-Ḥadīd	24	Al-Tīn
9	Ṭāhā	31	Al-Mujādalah	13	Al-‘Alaq
10	Al-Anbiyā	59	Al-Ḥashr	97	Al-Qadr
13	Al-Ḥajj	12	Al-Mumtaḥinah	16	Al-Bayyinah
23	Al-Mu’minūn	61	Al-Ṣaff	17	Al-Zilzāl
9	Al-Nūr	33	Al-Jumu‘ah	14	Al-‘Ādiyāt
10	Al-Furqān	13	Al-Munāfiqūn	101	Al-Qāri‘ah
15	Al-Shu‘arā	12	Al-Taghābun	22	Al-Takāthur
9	Al-Naml	18	Al-Ṭalāq	103	Al-‘Asr
11	Al-Qaṣaṣ	16	Al-Taḥrīm	19	Al-Humaza
29	Al-‘Ankabūt	67	Al-Mulk	15	Al-Fīl
10	Al-Rūm	21	Al-Qalam	55	Quraysh
31	Luqmān	26	Al-Ḥāqqah	107	Al-Mā‘ūn
10	Al-Sajdah	14	Al-Ma‘ārij	13	Al-Kawthar
14	Al-Aḥzāb	71	Nūḥ	109	Al-Kāfirūn
19	Saba	12	Al-Jinn	18	Al-Naṣr

12	Fāṭir	73	Al-Muzzammil	40	Tabbat
10	Yāsīn	39	Al-Muddaththir	15	Al-Ikhlāṣ
37	Al-Ṣaffāt	13	Al-Qiyāmah	113	Al-Falaq
21	Ṣād	23	Al-Insān	24	Al-Nās

List-100

Now, let us calculate the sum of the prime factors of the number of ayats of the surahs, following the same way:

Sum of the Prime

Al-'Isrā	40	Al-Raḥmān	18	Al-Ḍuḥa	11
Al-Kahf	18	Al-Wāqi'ah	13	Al-Inshirāḥ	6
Maryam	16	Al-Ḥadīd	29	Al-Tīn	6
Ṭāhā	14	Al-Mujādalah	13	Al-'Alaq	19
Al-Anbiyā	15	Al-Ḥashr	9	Al-Qadr	5
Al-Ḥajj	18	Al-Mumtaḥinah	13	Al-Bayyinah	6
Al-Mu'minūn	61	Al-Ṣaff	9	Al-Zilzāl	6
Al-Nūr	12	Al-Jumu'ah	11	Al-'Ādiyāt	11
Al-Furqān	18	Al-Munāfiqūn	11	Al-Qāri'ah	11
Al-Shu'arā	227	Al-Taghābun	8	Al-Takāthur	6
Al-Naml	34	Al-Ṭalāq	7	Al-'Asr	3
Al-Qaṣaṣ	17	Al-Taḥrīm	7	Al-Humaza	6
Al-'Ankabūt	26	Al-Mulk	10	Al-Fīl	5
Al-Rūm	12	Al-Qalam	17	Quraysh	4
Luqmān	19	Al-Ḥāqqah	17	Al-Mā'ūn	7
Al-Sajdah	10	Al-Ma'ārij	15	Al-Kawthar	3
Al-Aḥzāb	73	Nūḥ	11	Al-Kāfirūn	5
Saba	11	Al-Jinn	11	Al-Naṣr	3
Fāṭir	11	Al-Muzzammil	9	Tabbat	5
Yāsīn	83	Al-Muddaththir	13	Al-Ikhlāṣ	4
Al-Ṣaffāt	22	Al-Qiyāmah	11	Al-Falaq	5
Ṣād	17	Al-Insān	31	Al-Nās	5

List–101

After specifying these two sets, now we can proceed with the determination of the subsets.

205

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The set of surahs with odd a_0 (number of ayats)

No.	Surah	$a_0(Ayat)$	No.	Surah	$a_0(Ayat)$
1	Al-Fātiḥa	7	63	Al-Munāfiqūn	11
4	Al-Nisā	19	65	Al-Ṭalāq	7
6	Al-Enʿām	19	66	Al-Taḥrīm	7
7	Al-Aʿrāf	105	68	Al-Qalam	17
8	Al-Anfāl	13	69	Al-Ḥāqqah	17
10	Yūnus	109	70	Al-Maʿārij	15
13	Al-Raʿd	43	71	Nūḥ	11
14	Ibrāhīm	17	72	Al-Jinn	11
15	Al-Ḥijr	17	73	Al-Muzzammil	9
21	Al-Anbiyā	15	74	Al-Muddaththir	13
23	Al-Mu'minūn	61	75	Al-Qiyāmah	11
26	Al-Shuʿarā	227	76	Al-Insān	31
28	Al-Qaṣaṣ	17	78	Al-Naba'	11
31	Luqmān	19	79	Al-Nāziʿāt	25
33	Al-Aḥzāb	73	81	Al-Takwīr	29
34	Saba	11	82	Al-Infiṭār	19
35	Fāṭir	11	85	Al-Burūj	13
36	Yāsīn	83	86	Al-Ṭāriq	17
38	Ṣād	17	87	Al-Aʿlā	19
39	Al-Zumar	13	88	Al-Ghāshiyah	15
41	Fuṣṣilat	11	90	Al-Balad	9
42	Al-Shūrā	53	93	Al-Ḍuḥa	11
43	Al-Zukhruf	89	96	Al-ʿAlaq	19
44	Al-Dukhān	59	97	Al-Qadr	5
45	Al-Jāthiyah	37	100	Al-ʿĀdiyāt	11
47	Muḥammad	21	101	Al-Qāriʿah	11
48	Al-Fatḥ	29	103	Al-ʿAsr	3
50	Qāf	11	105	Al-Fīl	5
53	Al-Najm	33	107	Al-Māʿūn	7

56	Al-Wāqi‘ah	13		108	Al-Kawthar	3
57	Al-Ḥadīd	29		109	Al-Kāfirūn	5
58	Al-Mujādalah	13		110	Al-Naṣr	3
59	Al-Ḥashr	9		111	Tabbat	5
60	Al-Mumtaḥinah	13		113	Al-Falaq	5
61	Al-Ṣaff	9		114	Al-Nās	5
62	Al-Jumu‘ah	11				

<p style="text-align:center">List–102</p>

As it is seen from the List-102, the number of members of the set of surahs with an odd numbered sum of prime factors of the number of ayats is **71**.

71 is a prime number!

The set of surahs with odd a_0 (Sequence Number)

a_0(*No.*)	*Surah*	a_0(*No.*)	*Surah*
1	Al-Fātiḥa	31	Al-Mujādalah
3	Āl ‘Imrān	59	Al-Ḥashr
5	Al-Māidah	61	Al-Ṣaff
5	Al-En‘ām	33	Al-Jumu‘ah
7	Al-A‘rāf	13	Al-Munāfiqūn
7	Yūnus	67	Al-Mulk
11	Hūd	21	Al-Qalam
7	Yūsuf	71	Nūḥ
13	Al-Ra‘d	73	Al-Muzzammil
9	Ibrāhīm	39	Al-Muddaththir
17	Al-’Isrā	13	Al-Qiyāmah
19	Maryam	23	Al-Insān
9	Ṭāhā	79	Al-Nāzi‘āt
13	Al-Ḥajj	13	‘Abasa
23	Al-Mu’minūn	43	Al-Infiṭār
9	Al-Nūr	83	Al-Muṭaffifīn
15	Al-Shu‘arā	45	Al-Ṭāriq
9	Al-Naml	17	Al-Ghāshiyah

11	Al-Qaṣaṣ	89	Al-Fajr
29	Al-'Ankabūt	13	Al-Balad
31	Luqmān	27	Al-Layl
19	Saba	49	Al-Inshirāḥ
37	Al-Ṣaffāt	13	Al-'Alaq
21	Ṣād	97	Al-Qadr
11	Al-Mu'min	17	Al-Zilzāl
41	Fuṣṣilat	101	Al-Qāri'ah
43	Al-Zukhruf	103	Al-'Asr
15	Al-Dukhān	19	Al-Humaza
11	Al-Jāthiyah	15	Al-Fīl
25	Al-Aḥqāf	55	Quraysh
47	Muḥammad	107	Al-Mā'ūn
11	Al-Fatḥ	13	Al-Kawthar
17	Al-Ṭūr	109	Al-Kāfirūn
53	Al-Najm	15	Al-Ikhlāṣ
11	Al-Qamar	113	Al-Falaq
13	Al-Wāqi'ah		

List–103

As it is seen from the List-103, the number of members of the set of surahs with an odd numbered sum of the prime factors of the sequence number of the surahs also is **71**.

71 is a prime number!

Evaluation

Can this happen by coincidence?

Let's see the results which outcome collectively:

a_0(NO.)	SURAH	a_0(Ayat)	Surahs With Odd a_0(sequence number)	Surahs With Odd a_0(number of ayats)
1	Al-Fāti a	7		x
2	Al-Baqarah	26		
3	Āl 'Imrān	16	x	
4	Al-Nisā	19		x
5	Al-Māidah	14	x	
5	Al-En'ām	19	x	x
7	Al-A'rāf	105	x	x
6	Al-Anfāl	13		x
6	Al-Tawbah	46		
7	Yūnus	109	x	x
11	Hūd	44	x	
7	Yūsuf	40	x	
13	Al-Ra'd	43	x	x
9	Ibrāhīm	17	x	x
8	Al- ijr	17		x
8	Al-Na l	14		
17	Al-'Isrā	40	x	
8	Al-Kahf	18		
19	Maryam	16	x	
9	āhā	14	x	
10	Al-Anbiyā	15		x
13	Al- ajj	18	x	
23	Al-Mu'minūn	61	x	x
9	Al-Nūr	12	x	
10	Al-Furqān	18		
15	Al-Shu'arā	227	x	x
9	Al-Naml	34	x	
11	Al-Qa a	17	x	x
29	Al-'Ankabūt	26	x	
10	Al-Rūm	12		
31	Luqmān	19	x	x
10	Al-Sajdah	10		
14	Al-A zāb	73		x
19	Saba	11	x	x
12	Fā ir	11		x
10	Yāsīn	83		x
37	Al- affāt	22	x	x
21	ād	17	x	x
16	Al-Zumar	13		x
11	Al-Mu'min	22	x	
41	Fu ilat	11	x	x
12	Al-Shūrā	53		x
43	Al-Zukhruf	89	x	x
15	Al-Dukhān	59	x	x
11	Al-Jāthiyah	37	x	x
25	Al-A qāf	12	x	
47	Mu ammad	21	x	x
11	Al-Fat	29	x	x
14	Al- ujurāt	8		
12	Qāf	11		x
20	Al-Dhāriyāt	12		
17	Al- ūr	14	x	
53	Al-Najm	33	x	x
11	Al-Qamar	16	x	
16	Al-Ra mān	18		
13	Al-Wāqi'ah	13		x
22	Al- adīd	29		x
31	Al-Mujādalah	13	x	x
59	Al- ashr	9	x	x
12	Al-Mumta inah	13		x
61	Al- aff	9	x	x
33	Al-Jumu'ah	11	x	x
13	Al-Munāfiqūn	11	x	x
12	Al-Taghābun	8		
18	Al- alāq	7		x
16	Al-Ta rīm	7		x
67	Al-Mulk	10		
21	Al-Qalam	17	x	x
26	Al- āqqah	17		x
14	Al-Ma'ārij	15		x
71	Nū	11	x	x
12	Al-Jinn	11		x
73	Al-Muzzammil	9	x	x
39	Al-Muddaththir	13	x	x
13	Al-Qiyāmah	11	x	x
23	Al-Insān	31	x	x
18	Al-Mursalāt	12		
18	Al-Naba'	11		x
79	Al-Nāzi'āt	25	x	x
13	'Abasa	12	x	
12	Al-Takwīr	29		x
43	Al-Infi ār	19	x	x
83	Al-Mu affifīn	10	x	
14	Al-Inshiqāq	10		
22	Al-Burūj	13		x
45	Al- āriq	17	x	x
32	Al-A'lā	19		x
17	Al-Ghāshiyah	15	x	x
89	Al-Fajr	10	x	
13	Al-Balad	9	x	x
20	Al-Shams	8		
27	Al-Layl	10	x	
34	Al- u ā	11		x
49	Al-Inshirā	6	x	
24	Al-Tīn	6		
13	Al-'Alaq	19	x	x
97	Al-Qadr	5	x	x
16	Al-Bayyinah	6		
17	Al-Zilzāl	6	x	
14	Al-'Ādiyāt	11		x
101	Al-Qāri'ah	11	x	x
22	Al-Takāthur	6		
103	Al-'Asr	3	x	x
19	Al-Humaza	6	x	
15	Al-Fīl	5		x
55	Quraysh	4	x	
107	Al-Mā'ūn	7	x	x
13	Al-Kawthar	3	x	x
109	Al-Kāfirūn	5	x	x
18	Al-Na r	3		
40	Tabbat	5		
15	Al-Ikhlā	4		x
113	Al-Falaq	5	x	x
24	Al- Nās	5		x

axis of symmetry

In the figure, equal distribution of the surahs with odd a_0(sequence number) and the surahs with odd a_0(number of ayats) is shown.

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a_0(NO.)	SURAH	a_0(Ayat)	Surahs With Odd a_0(sequence number)	Surahs With Odd a_0(number of ayats)
1	Al-Fāti a	7	x	x
2	Al-Baqarah	26		x
3	Āl 'Imrān	16	x	
4	Al-Nisā	19		x
5	Al-Māidah	14	x	
5	Al-En'ām	19	x	x
7	Al-A'rāf	105	x	x
6	Al-Anfāl	13		x
6	Al-Tawbah	46		
7	Yūnus	109	x	x
11	Hūd	44	x	
7	Yūsuf	40	x	
13	Al-Ra'd	43	x	x
9	Ibrāhīm	17	x	x
8	Al-ijr	17		x
8	Al-Naḥl	14		
17	Al-'Isrā	40	x	
8	Al-Kahf	18		
19	Maryam	16	x	
9	ṭāhā	14	x	
10	Al-Anbiyā	15		x
13	Al-ajj	18	x	
23	Al-Mu'minūn	61	x	x
9	Al-Nūr	12	x	
10	Al-Furqān	18		
15	Al-Shu'arā	227	x	x
9	Al-Naml	34	x	
11	Al-Qaṣa	17	x	x
29	Al-'Ankabūt	26	x	
10	Al-Rūm	12		
31	Luqmān	19	x	x
10	Al-Sajdah	10		
14	Al-Aẕāb	73		x
19	Saba	11	x	x
12	Fāṭir	11		x
10	Yāsīn	83		x
37	Al-ṣāffāt	22	x	
21	ṣād	17	x	x
16	Al-Zumar	13		x
11	Al-Mu'min	22	x	
41	Fuṣṣilat	11	x	x
12	Al-Shūrā	53		x
43	Al-Zukhruf	89	x	x
15	Al-Dukhān	59	x	x
11	Al-Jāthiyah	37	x	x
25	Al-Aḥqāf	12	x	
47	Muḥammad	21	x	x
11	Al-Fāt	29	x	x
14	Al-ujurāt	8		
12	Qāf	11		x
20	Al-Dhāriyāt	12		
17	Al-ūr	14	x	
53	Al-Najm	33	x	x
11	Al-Qamar	16	x	
16	Al-Raḥmān	18		
13	Al-Wāqi'ah	13	x	x
22	Al-adīd	29		x
31	Al-Mujādalah	13	x	x
59	Al-ashr	9	x	x
12	Al-Mumtaḥinah	12		
61	Al-aff	9	x	x
33	Al-Jumu'ah	11	x	x
13	Al-Munāfiqūn	11	x	x
12	Al-Taghābun	8		
18	Al-alāq	7		x
16	Al-Taḥrīm	7		x
67	Al-Mulk	10	x	
21	Al-Qalam	17	x	x
26	Al-āqqah	17		x
14	Al-Ma'ārij	15		x
71	Nū	11	x	x
12	Al-Jinn	11		x
73	Al-Muzzammil	9	x	x
39	Al-Muddaththir	13	x	x
13	Al-Qiyāmah	11	x	x
23	Al-Insān	31	x	x
18	Al-Mursalāt	12		
18	Al-Naba'	11		x
79	Al-Nāzi'āt	25	x	x
13	'Abasa	12	x	
12	Al-Takwīr	29		x
43	Al-Infiṭār	19	x	x
83	Al-Muṭaffifīn	10	x	
14	Al-Inshiqāq	10		
22	Al-Burūj	13		x
45	Al-āriq	17	x	x
32	Al-A'lā	19		x
17	Al-Ghāshiyah	15	x	x
89	Al-Fajr	10	x	
13	Al-Balad	9	x	x
20	Al-Shams	8		
27	Al-Layl	10	x	
34	Al-ūa	11		x
49	Al-Inshirā	6	x	
24	Al-Tīn	6		
13	Al-'Alaq	19	x	x
97	Al-Qadr	5	x	x
16	Al-Bayyinah	6		
17	Al-Zilzāl	6	x	
14	Al-Ādiyāt	11		x
101	Al-Qāri'ah	11	x	x
22	Al-Takāthur	6		
103	Al-'Aṣr	3	x	x
19	Al-Humaza	6	x	
15	Al-Fīl	5	x	x
55	Quraysh	4	x	
107	Al-Mā'ūn	7	x	x
13	Al-Kawthar	3	x	x
109	Al-Kāfirūn	5	x	x
18	Al-Naṣr	3		x
40	Tabbat	5		x
15	Al-Ikhlā	4	x	
113	Al-Falaq	5	x	x
24	A l - N ā s	5		x

axis of symmetry

Prime   **Prime**

In the figure, (prime-prime) distribution of the surahs with odd a_0(sequence number) and the surahs with odd a_0(number of ayats) is shown.

210

The set of surahs with even a_0 (number of ayats)

No.	Surah	$a_0(Ayat)$	No.	Surah	$a_0(Ayat)$
2	Al-Baqarah	26	51	Al-Dhāriyāt	12
3	Āl 'Imrān	16	52	Al-Ṭūr	14
5	Al-Māidah	14	54	Al-Qamar	16
9	Al-Tawbah	46	55	Al-Raḥmān	18
11	Hūd	44	64	Al-Taghābun	8
12	Yūsuf	40	67	Al-Mulk	10
16	Al-Naḥl	14	77	Al-Mursalāt	12
17	Al-'Isrā	40	80	'Abasa	12
18	Al-Kahf	18	83	Al-Muṭaffifīn	10
19	Maryam	16	84	Al-Inshiqāq	10
20	Ṭāhā	14	89	Al-Fajr	10
22	Al-Ḥajj	18	91	Al-Shams	8
24	Al-Nūr	12	92	Al-Layl	10
25	Al-Furqān	18	94	Al-Inshirāḥ	6
27	Al-Naml	34	95	Al-Tīn	6
29	Al-'Ankabūt	26	98	Al-Bayyinah	6
30	Al-Rūm	12	99	Al-Zilzāl	6
32	Al-Sajdah	10	102	Al-Takāthur	6
37	Al-Ṣaffāt	22	104	Al-Humaza	6
40	Al-Mu'min	22	106	Quraysh	4
46	Al-Aḥqāf	12	112	Al-Ikhlāṣ	4
49	Al-Ḥujurāt	8			

List–104

As it is seen from the List-104, the number of members of the set of surahs with an even numbered sum of prime factors of the number of ayats is **43**.

43 is a prime number!

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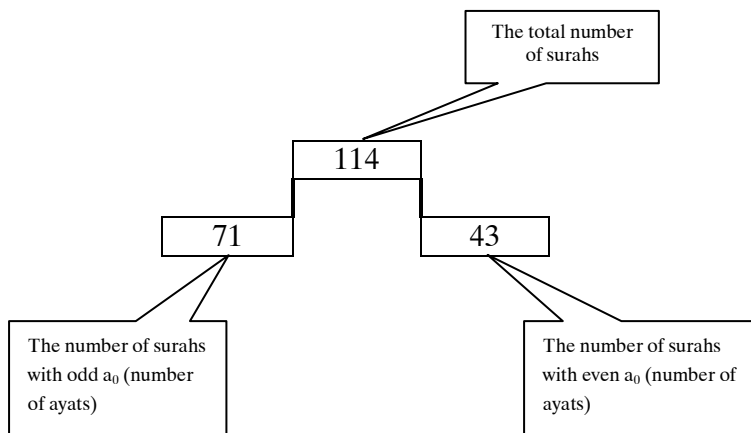
Figure-20 Distribution of the surahs (as prime and prime) is shown.

The set of surahs with even a_0 (Sequence Number)

a_0(*No.*)	*Surah*	a_0(*No.*)	*Surah*
2	Al-Baqarah	12	Al-Taghābun
4	Al-Nisā	18	Al-Ṭalāq
6	Al-Anfāl	16	Al-Taḥrīm
6	Al-Tawbah	26	Al-Ḥāqqah
8	Al-Ḥijr	14	Al-Ma'ārij
8	Al-Naḥl	12	Al-Jinn
8	Al-Kahf	18	Al-Mursalāt
10	Al-Anbiyā	18	Al-Naba'
10	Al-Furqān	12	Al-Takwīr
10	Al-Rūm	14	Al-Inshiqāq
10	Al-Sajdah	22	Al-Burūj
14	Al-Aḥzāb	32	Al-A'lā
12	Fāṭir	20	Al-Shams
10	Yāsīn	34	Al-Ḍuḥa
16	Al-Zumar	24	Al-Tīn
12	Al-Shūrā	16	Al-Bayyinah
14	Al-Ḥujurāt	14	Al-'Ādiyāt
12	Qāf	22	Al-Takāthur

20	Al-Dhāriyāt	18	Al-Naṣr
16	Al-Raḥmān	40	Tabbat
22	Al-Ḥadīd	24	Al-Nās
12	Al-Mumtaḥinah		

<div align="center">List-105</div>

As it is seen from the List-105, the number of members of the set of surahs with an even numbered sum of the prime factors of the sequence number of the surahs also is **43**.

43 is a prime number!
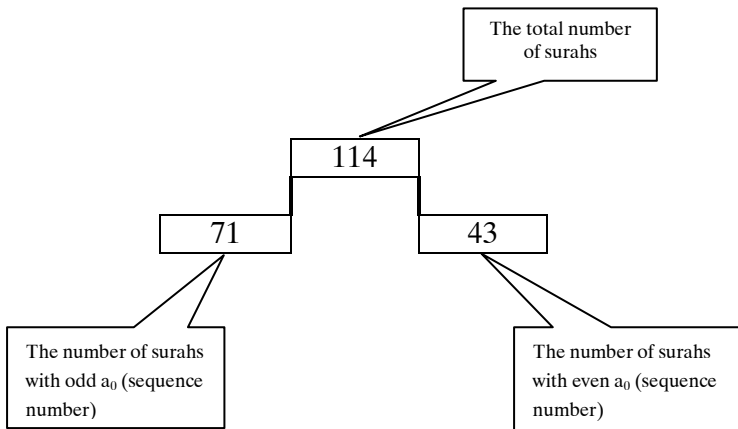
Figure-21 Distribution of the surahs (as prime and prime) is shown.

Evaluation

In a single word, it is incredible...

Let's see the results which outcome collectively:

213

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1	Al-Fāti a	7
2	Al-Baqarah	26
3	Āl 'Imrān	16
4	Al-Nisā	19
5	Al-Māidah	14
5	Al-En'ām	19
7	Al-A'rāf	105
6	Al-Anfāl	13
6	Al-Tawbah	46
7	Yūnus	109
11	Hūd	44
7	Yūsuf	40
13	Al-Ra'd	43
9	Ibrāhīm	17
8	Al- ijr	17
8	Al-Na l	14
17	Al-'Isrā	40
8	Al-Kahf	18
19	Maryam	16
9	āhā	14
10	Al-Anbiyā	15
13	Al- ajj	18
23	Al-Mu'minūn	61
9	Al-Nūr	12
10	Al-Furqān	18
15	Al-Shu'arā	227
9	Al-Naml	34
11	Al-Qa a	17
29	Al-'Ankabūt	26
10	Al-Rūm	12
31	Luqmān	19
10	Al-Sajdah	10
14	Al-A zāb	73
19	Saba	11
12	Fā ir	11
10	Yāsīn	83
37	Al- affāt	22
21	ād	17
16	Al-Zumar	13
11	Al-Mu'min	22
41	Fu ilat	11
12	Al-Shūrā	53
43	Al-Zukhruf	89
15	Al-Dukhān	59
11	Al-Jāthiyah	37
25	Al-A qāf	12
47	Mu ammad	21
11	Al-Fat	29
14	Al- ujurāt	8
12	Qāf	11
20	Al-Dhāriyāt	12
17	Al- ūr	14
53	Al-Najm	33
11	Al-Qamar	16
16	Al-Ra mān	18
13	Al-Wāqi'ah	13
22	Al- adīd	29
31	Al-Mujādalah	13
59	Al- ashr	9
12	Al-Mumta inah	13
61	Al- aff	9
33	Al-Jumu'ah	11
13	Al-Munāfiqūn	11
12	Al-Taghābun	8
18	Al- alāq	7
16	Al-Ta rīm	7
67	Al-Mulk	10
21	Al-Qalam	17
26	Al- āqqah	17
14	Al-Ma'ārij	15
71	Nū	11
12	Al-Jinn	11
73	Al-Muzzammil	9
39	Al-Muddaththir	13
13	Al-Qiyāmah	11
23	Al-Insān	31
18	Al-Mursalāt	12
18	Al-Naba'	11
79	Al-Nāzi'āt	25

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214

a_0(NO.)	SURAH	a_0(Ayat)	Surahs With Even a_0(sequence number)	Surahs With Even a_0(number of ayats)
1	Al-Fātiḥa	7		
2	Al-Baqarah	26	x	x
3	Āl 'Imrān	16		x
4	Al-Nisā	19	x	
5	Al-Māidah	14		x
5	Al-En'ām	19		
7	Al-A'rāf	105		
6	Al-Anfāl	13	x	
6	Al-Tawbah	46	x	x
7	Yūnus	109		
11	Hūd	44		x
7	Yūsuf	40		x
13	Al-Ra'd	43		
9	Ibrāhīm	17		
8	Al-Ḥijr	17	x	
8	Al-Naḥl	14	x	x
17	Al-'Isrā	40		x
8	Al-Kahf	18	x	x
19	Maryam	16		x
9	Ṭāhā	14		x
10	Al-Anbiyā	15	x	
13	Al-Ḥajj	18		x
23	Al-Mu'minūn	61		
9	Al-Nūr	12		x
10	Al-Furqān	18	x	x
15	Al-Shu'arā	227		
9	Al-Naml	34		x
11	Al-Qaṣaṣ	17		
29	Al-'Ankabūt	26		x
10	Al-Rūm	12	x	x
31	Luqmān	19		
10	Al-Sajdah	10	x	x
14	Al-Aḥzāb	73	x	
19	Saba	11	x	
12	Fāṭir	11	x	
10	Yāsīn	83	x	
37	Al-Ṣaffāt	22		x
21	Ṣād	17		
16	Al-Zumar	13	x	
11	Al-Mu'min	22		x
41	Fuṣṣilat	11		
12	Al-Shūrā	53	x	
43	Al-Zukhruf	89		
15	Al-Dukhān	59		
11	Al-Jāthiyah	37		
25	Al-Aḥqāf	12		x
47	Muḥammad	21		
11	Al-Fatḥ	29		
14	Al-Ḥujurāt	8	x	x
12	Qāf	11	x	
20	Al-Dhāriyāt	12	x	x
17	Al-Ṭūr	14		x
53	Al-Najm	33		
11	Al-Qamar	16		x
16	Al-Raḥmān	18	x	x
13	Al-Wāqi'ah	13		
22	Al-Ḥadīd	29	x	
31	Al-Mujādalah	13		
59	Al-Ḥashr	9		
12	Al-Mumtaḥinah	13	x	
61	Al-Ṣaff	9		
33	Al-Jumu'ah	11		
13	Al-Munāfiqūn	11		
12	Al-Taghābun	8	x	x
18	Al-Ṭalāq	7	x	
16	Al-Taḥrīm	7	x	
67	Al-Mulk	10		x
21	Al-Qalam	17		
26	Al-Ḥāqqah	17	x	
14	Al-Ma'ārij	15	x	
71	Nūḥ	11		
12	Al-Jinn	11	x	
73	Al-Muzzammil	9		
39	Al-Muddaththir	13		
13	Al-Qiyāmah	11		
23	Al-Insān	31		
18	Al-Mursalāt	12	x	x
18	Al-Naba'	11	x	
79	Al-Nāzi'āt	25		
13	'Abasa	12		x
12	Al-Takwīr	29	x	
43	Al-Infiṭār	19		
83	Al-Muṭaffifīn	10		x
14	Al-Inshiqāq	10	x	x
22	Al-Burūj	13	x	
45	Al-Ṭāriq	17		
32	Al-A'lā	19	x	
17	Al-Ghāshiyah	15		
89	Al-Fajr	10		x
13	Al-Balad	9		
20	Al-Shams	8	x	x
27	Al-Layl	10		x
34	Al-Ḍuḥa	11	x	
49	Al-Inshirāḥ	6		x
24	Al-Tīn	6	x	x
13	Al-'Alaq	19		
97	Al-Qadr	5		
16	Al-Bayyinah	6	x	x
17	Al-Zilzāl	6		x
14	Al-'Ādiyāt	11	x	
101	Al-Qāri'ah	11		
22	Al-Takāthur	6	x	x
103	Al-'Asr	3		
19	Al-Humaza	6		x
15	Al-Fīl	5		
55	Quraysh	4		x
107	Al-Mā'ūn	7		
13	Al-Kawthar	3		
109	Al-Kāfirūn	5		
18	Al-Naṣr	3	x	
40	Tabbat	5	x	
15	Al-Ikhlāṣ	4		x
113	Al-Falaq	5		
24	Al-Nās	5	x	

axis of symmetry

In the figure, (prime-prime) distribution of the surahs with even a_0(sequence number) and the surahs with even a_0(number of ayats) is shown.

215

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✎   **Question**: How many of the numbers in the sum of the prime factors of the number of ayats of the surahs are prime numbers and how many of them are not?

In order to give an answer to this question, we should have to constitute these two sets:

✳   The set of surahs with prime a_0 (number of ayats)
✳   The set of surahs with non-prime a_0 (number of ayats)

The set of surahs with prime a_0 (number of ayats)

Surah	a_0(Ayat)	Surah	a_0(Ayat)
Al-Fātiḥa	7	Al-Munāfiqūn	11
Al-Nisā	19	Al-Ṭalāq	7
Al-Enʿām	19	Al-Taḥrīm	7
Al-Anfāl	13	Al-Qalam	17
Yūnus	109	Al-Ḥāqqah	17
Al-Raʿd	43	Nūḥ	11
Ibrāhīm	17	Al-Jinn	11
Al-Ḥijr	17	Al-Muddaththir	13
Al-Muʾminūn	61	Al-Qiyāmah	11
Al-Shuʿarā	227	Al-Insān	31
Al-Qaṣaṣ	17	Al-Naba'	11
Luqmān	19	Al-Takwīr	29
Al-Aḥzāb	73	Al-Infiṭār	19
Saba	11	Al-Burūj	13
Fāṭir	11	Al-Ṭāriq	17
Yāsīn	83	Al-Aʿlā	19
Ṣād	17	Al-Ḍuḥa	11
Al-Zumar	13	Al-ʿAlaq	19
Fuṣṣilat	11	Al-Qadr	5

Al-Shūrā	53	Al-'Ādiyāt	11
Al-Zukhruf	89	Al-Qāri'ah	11
Al-Dukhān	59	Al-'Asr	3
Al-Jāthiyah	37	Al-Fīl	5
Al-Fath	29	Al-Mā'ūn	7
Qāf	11	Al-Kawthar	3
Al-Wāqi'ah	13	Al-Kāfirūn	5
Al-Ḥadīd	29	Al-Naṣr	3
Al-Mujādalah	13	Tabbat	5
Al-Mumtaḥinah	13	Al-Falaq	5
Al-Jumu'ah	11	Al-Nās	5

List-106

If we count the members of the List-106, we find that the total members of this set are **60**.

The set of surahs with non-prime a_0 (number of ayats)

Surah	a_0(Ayat)	*Surah*	a_0(Ayat)
Al-Baqarah	26	Al-Najm	33
Āl 'Imrān	16	Al-Qamar	16
Al-Māidah	14	Al-Raḥmān	18
Al-A'rāf	105	Al-Ḥashr	9
Al-Tawbah	46	Al-Ṣaff	9
Hūd	44	Al-Taghābun	8
Yūsuf	40	Al-Mulk	10
Al-Naḥl	14	Al-Ma'ārij	15
Al-'Isrā	40	Al-Muzzammil	9
Al-Kahf	18	Al-Mursalāt	12
Maryam	16	Al-Nāzi'āt	25
Ṭāhā	14	'Abasa	12
Al-Anbiyā	15	Al-Muṭaffifīn	10
Al-Ḥajj	18	Al-Inshiqāq	10
Al-Nūr	12	Al-Ghāshiyah	15

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Al-Furqān	18	Al-Fajr	10
Al-Naml	34	Al-Balad	9
Al-'Ankabūt	26	Al-Shams	8
Al-Rūm	12	Al-Layl	10
Al-Sajdah	10	Al-Inshirāḥ	6
Al-Ṣaffāt	22	Al-Tīn	6
Al-Mu'min	22	Al-Bayyinah	6
Al-Aḥqāf	12	Al-Zilzāl	6
Muḥammad	21	Al-Takāthur	6
Al-Ḥujurāt	8	Al-Humaza	6
Al-Dhāriyāt	12	Quraysh	4
Al-Ṭūr	14	Al-Ikhlāṣ	4

List-107

If we count the members of the List-107, we find that the total members of this set are **54**.
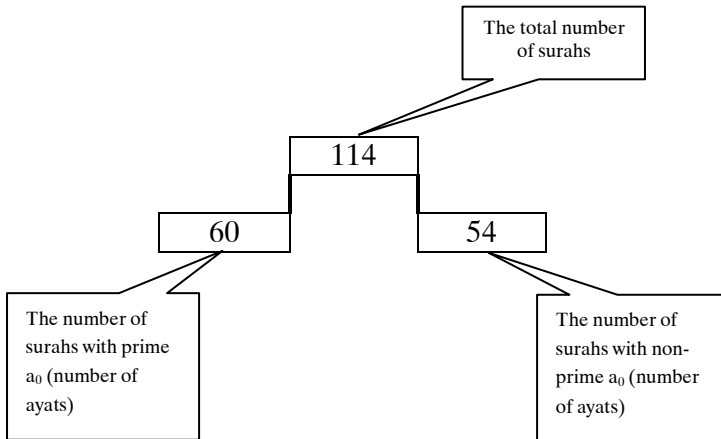
Figure-22 The distribution of the surahs with prime and non-prime number in a_0 (number of ayats) is seen.

Evaluation

As you can remember, the number of ayats of the 114 surahs consists of 60 even and 54 odd numbers. Now, the same sharing occurs as prime and non-prime numbers in the sum of the prime factors of the number of ayats!!!

Let's see the results which outcome collectively:

Ayat	SURAH	a_d(Ayat)	Surahs With Even Number of Ayats	Surahs With Prime a_0(number of ayats)
7	Al-Fātiḥa	7		x
286	Al-Baqarah	26	x	
200	Āl 'Imrān	16	x	
176	Al-Nisā	19	x	x
120	Al-Māidah	14	x	
165	Al-Enʿām	19		x
206	Al-Aʿrāf	105	x	
75	Al-Anfāl	13		x
129	Al-Tawbah	46		
109	Yūnus	109		x
123	Hūd	44		
111	Yūsuf	40		
43	Al-Raʿd	43		x
52	Ibrāhīm	17	x	x
99	Al-Ḥijr	17	x	x
128	Al-Naḥl	14	x	
111	Al-'Isrā	40		
110	Al-Kahf	18	x	
98	Maryam	16	x	
135	Ṭāhā	14	x	
112	Al-Anbiyā	15	x	
78	Al-Ḥajj	18	x	
118	Al-Mu'minūn	61	x	x
64	Al-Nūr	12	x	
77	Al-Furqān	18		
227	Al-Shuʿarā	227		x
93	Al-Naml	34		
88	Al-Qaṣaṣ	17	x	x
69	Al-'Ankabūt	26	x	
60	Al-Rūm	12	x	
34	Luqmān	19	x	x
30	Al-Sajdah	10	x	
73	Al-Aḥzāb	73		x
54	Saba	11	x	x
45	Fāṭir	11		x
83	Yāsīn	83		x
182	Al-Ṣaffāt	22	x	x
88	Ṣād	17	x	x
75	Al-Zumar	13		x
85	Al-Mu'min	22		
54	Fuṣṣilat	11	x	x
53	Al-Shūrā	53		x
89	Al-Zukhruf	89		x
59	Al-Dukhān	59		x
37	Al-Jāthiyah	37		x
35	Al-Aḥqāf	12		
38	Muḥammad	21	x	
29	Al-Fatḥ	29		x
18	Al-Ḥujurāt	8	x	x
45	Qāf	11	x	x
60	Al-Dhāriyāt	12	x	
49	Al-Ṭūr	14	x	
62	Al-Najm	33	x	
55	Al-Qamar	16	x	
78	Al-Raḥmān	18	x	
96	Al-Wāqi'ah	13	x	
29	Al-Ḥadīd	29	x	x
22	Al-Mujādalah	13	x	x
24	Al-Ḥashr	9	x	
13	Al-Mumtaḥinah	13	x	x
14	Al-Ṣaff	9	x	
11	Al-Jumu'ah	11	x	x
11	Al-Munāfiqūn	11	x	x
18	Al-Taghābun	8	x	
12	Al-Ṭalāq	7	x	x
12	Al-Taḥrīm	7	x	x
30	Al-Mulk	10	x	
52	Al-Qalam	17	x	x
52	Al-Ḥāqqah	17	x	x
44	Al-Ma'ārij	15	x	
28	Nūḥ	11	x	x
28	Al-Jinn	11	x	x
20	Al-Muzzammil	9	x	x
56	Al-Muddaththir	13	x	x
40	Al-Qiyāmah	11	x	x
31	Al-Insān	31	x	
50	Al-Mursalāt	12	x	x
40	Al-Naba'	11	x	x
46	Al-Nāzi'āt	25	x	
42	'Abasa	12	x	
29	Al-Takwīr	29		x
19	Al-Infiṭār	19		x
36	Al-Muṭaffifīn	10	x	
25	Al-Inshiqāq	10		
22	Al-Burūj	13	x	x
17	Al-Ṭāriq	17		x
19	Al-A'lā	19		x
26	Al-Ghāshiyah	15	x	
30	Al-Fajr	10	x	
20	Al-Balad	9	x	
15	Al-Shams	8		
21	Al-Layl	10		
11	Al-Ḍuḥā	11		x
8	Al-Inshirā	6	x	
8	Al-Tīn	6	x	
19	Al-'Alaq	19		x
5	Al-Qadr	5		x
8	Al-Bayyinah	6	x	
8	Al-Zilzāl	6	x	
11	Al-'Ādiyāt	11		x
11	Al-Qāri'ah	11		x
8	Al-Takāthur	6	x	
3	Al-'Aṣr	3		x
9	Al-Humaza	6		
5	Al-Fīl	5		x
4	Quraysh	4	x	
7	Al-Mā'ūn	7		x
3	Al-Kawthar	3		x
6	Al-Kāfirūn	5	x	x
3	Al-Naṣr	3		x
5	Tabbat	5		x
4	Al-Ikhlāṣ	4	x	x
5	Al-Falaq	5		x
6	Al-Nās	5	x	x

60   60

axis of symmetry

In the figure, equal distribution of the surahs with even number of ayats and the surahs with prime a_0(number of ayats) is shown.

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Ayat	SURAH	a_d(Ayat)	Surahs With Odd Number of Ayats	Surahs With Non-Prime a_0(number of ayats)
7	Al-Fāti a	7	x	
286	Al-Baqarah	26		x
200	Āl 'Imrān	16		x
176	Al-Nisā	19		x
120	Al-Māidah	14		x
165	Al-En'ām	19	x	
206	Al-A'rāf	105		x
75	Al-Anfāl	13	x	
129	Al-Tawbah	46	x	
109	Yūnus	109	x	
123	Hūd	44	x	x
111	Yūsuf	40	x	x
43	Al-Ra'd	43	x	
52	Ibrāhīm	17		
99	Al- ijr	17	x	
128	Al-Na l	14		x
111	Al-'Isrā	40	x	x
110	Al-Kahf	18		x
98	Maryam	16		x
135	āhā	14	x	x
112	Al-Anbiyā	15		x
78	Al- ajj	18		x
118	Al-Mu'minūn	61		x
64	Al-Nūr	12		x
77	Al-Furqān	18	x	x
227	Al-Shu'arā	227	x	
93	Al-Naml	34	x	
88	Al-Qa a	17		
69	Al-'Ankabūt	26	x	x
60	Al-Rūm	12		x
34	Luqmān	19		
30	Al-Sajdah	10		x
73	Al-A zāb	73	x	
54	Saba	11		
45	Fā ir	11	x	
83	Yāsīn	83	x	
182	Al- affāt	22		x
88	ād	17		
75	Al-Zumar	13	x	
85	Al-Mu'min	22	x	x
54	Fu ilat	11		
53	Al-Shūrā	53	x	
89	Al-Zukhruf	89	x	
59	Al-Dukhān	59	x	
37	Al-Jāthiyah	37	x	
35	Al-A qāf	12	x	x
38	Mu ammad	21		x
29	Al-Fat	29	x	
18	Al- ujurāt	8		x
45	Qāf	11	x	
60	Al-Dhāriyāt	12		x
49	Al- ūr	14		x
62	Al-Najm	33		x
55	Al-Qamar	16	x	x
78	Al-Ra mān	18		x
96	Al-Wāqi'ah	13		
29	Al- adīd	29	x	x
22	Al-Mujādalah	13		
24	Al- ashr	9		x
13	Al-Mumta inah	13	x	
14	Al- aff	9	x	x
11	Al-Jumu'ah	11	x	
11	Al-Munāfiqūn	11	x	
18	Al-Taghābun	8		x
12	Al- alāq	7		
12	Al-Ta rīm	7		
30	Al-Mulk	10		x
52	Al-Qalam	17		
52	Al- āqqah	17		
44	Al-Ma'ārij	15		x
28	Nū	11		
28	Al-Jinn	11		x
20	Al-Muzzammil	9		
56	Al-Muddaththir	13		
40	Al-Qiyāmah	11		
31	Al-Insān	31	x	
50	Al-Mursalāt	12		x
40	Al-Naba'	11		x
46	Al-Nāzi'āt	25		x
42	'Abasa	12		x
29	Al-Takwīr	29	x	
19	Al-Infi ār	19	x	
36	Al-Mu affifīn	10		x
25	Al-Inshiqāq	10	x	x
22	Al-Burūj	13		
17	Al- āriq	17	x	
19	Al-A'lā	19	x	
26	Al-Ghāshiyah	15		x
30	Al-Fajr	10		x
20	Al-Balad	9		x
15	Al-Shams	8	x	x
21	Al-Layl	10	x	x
11	Al- u a	11	x	x
8	Al-Inshirā	6		x
8	Al-Tīn	6		x
19	Al-'Alaq	19	x	
5	Al-Qadr	5	x	
8	Al-Bayyinah	6		x
8	Al-Zilzāl	6		x
11	Al-'Ādiyāt	11	x	
11	Al-Qāri'ah	11	x	
8	Al-Takāthur	6		x
3	Al-'Asr	3		
9	Al-Humaza	6	x	x
5	Al-Fīl	5	x	
4	Quraysh	4		x
7	Al-Mā'ūn	7	x	
3	Al-Kawthar	3	x	
6	Al-Kāfirūn	5		
3	Al-Na r	3	x	
5	Tabbat	5	x	
4	Al-Ikhlā	4		x
5	Al-Falaq	5	x	
6	Al-Nās	5		

axis of symmetry

54   **54**

In the figure, equal distribution of the surahs with odd number of ayats and the surahs with non-prime a_0(number of ayats) is shown.

The surahs which take place in the first half of the Qur'ān with a prime number of a_0 (number of ayats)

Surah	a_0(Ayat)	Surah	a_0(Ayat)
Al-Fātiḥa	7	Fāṭir	11
Al-Nisā	19	Yāsīn	83
Al-En'ām	19	Ṣād	17
Al-Anfāl	13	Al-Zumar	13
Yūnus	109	Fuṣṣilat	11
Al-Ra'd	43	Al-Shūrā	53
Ibrāhīm	17	Al-Zukhruf	89
Al-Ḥijr	17	Al-Dukhān	59
Al-Mu'minūn	61	Al-Jāthiyah	37
Al-Shu'arā	227	Al-Fatḥ	29
Al-Qaṣaṣ	17	Qāf	11
Luqmān	19	Al-Wāqi'ah	13
Al-Aḥzāb	73	Al-Ḥadīd	29
Saba	11		

List-108

There are **27** surahs in List-108

The surahs which take place in the first half of the Qur'ān with an even number of ayats

Surah	Ayat	Surah	Ayat
Al-Baqarah	286	Al-Rūm	60
Āl 'Imrān	200	Luqmān	34
Al-Nisā	176	Al-Sajdah	30
Al-Māidah	120	Saba	54
Al-A'rāf	206	Al-Ṣaffāt	182
Ibrāhīm	52	Ṣād	88
Al-Naḥl	128	Fuṣṣilat	54
Al-Kahf	110	Muḥammad	38

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Maryam	98	Al-Ḥujurāt	18
Al-Anbiyā	112	Al-Dhāriyāt	60
Al-Ḥajj	78	Al-Najm	62
Al-Mu'minūn	118	Al-Raḥmān	78
Al-Nūr	64	Al-Wāqi'ah	96
Al-Qaṣaṣ	88		

List-109

There are **27** surahs in List-109

The surahs which take place in the second half of the Qur'ān with a prime number of a_0 (number of ayats)

Surah	a_0(Ayat)	Surah	a_0(Ayat)
Al-Mujādalah	13	Al-Ṭāriq	17
Al-Mumtaḥinah	13	Al-A'lā	19
Al-Jumu'ah	11	Al-Ḍuḥa	11
Al-Munāfiqūn	11	Al-'Alaq	19
Al-Ṭalāq	7	Al-Qadr	5
Al-Taḥrīm	7	Al-'Ādiyāt	11
Al-Qalam	17	Al-Qāri'ah	11
Al-Ḥāqqah	17	Al-'Asr	3
Nūḥ	11	Al-Fīl	5
Al-Jinn	11	Al-Mā'ūn	7
Al-Muddaththir	13	Al-Kawthar	3
Al-Qiyāmah	11	Al-Kāfirūn	5
Al-Insān	31	Al-Naṣr	3
Al-Naba'	11	Tabbat	5
Al-Takwīr	29	Al-Falaq	5
Al-Infiṭār	19	Al-Nās	5
Al-Burūj	13		

List-110

There are **33** surahs in List-110

The surahs which take place in the second half of the Qur'ān with an even number of ayats

Surah	Ayat		Surah	Ayat
Al-Mujādalah	22		Al-Nāzi'āt	46
Al-Ḥashr	24		'Abasa	42
Al-Ṣaff	14		Al-Muṭaffifīn	36
Al-Taghābun	18		Al-Burūj	22
Al-Ṭalāq	12		Al-Ghāshiyah	26
Al-Taḥrīm	12		Al-Fajr	30
Al-Mulk	30		Al-Balad	20
Al-Qalam	52		Al-Inshirāḥ	8
Al-Ḥāqqah	52		Al-Tīn	8
Al-Ma'ārij	44		Al-Bayyinah	8
Nūḥ	28		Al-Zilzāl	8
Al-Jinn	28		Al-Takāthur	8
Al-Muzzammil	20		Quraysh	4
Al-Muddaththir	56		Al-Kāfirūn	6
Al-Qiyāmah	40		Al-Ikhlāṣ	4
Al-Mursalāt	50		Al-Nās	6
Al-Naba'	40			

List-111

There are **33** surahs in List-111

Evaluation

We see above that the number of surahs with a prime number of a_0 (the number of ayats) is equal to the number of surahs with an even number of ayats. Now we observe that these two surah sets with equal number of members, take place in both the first and the second half of Holy Qur'an in equal numbers!

Let's see the results which outcome collectively:

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Ayat	SURAH	a_0(Ayat)	Surahs With Even Number of Ayats	Surahs With Prime a_0(number of ayats)
7	Al-Fātiḥa	7		x
286	Al-Baqarah	26	x	
200	Āl 'Imrān	16	x	
176	Al-Nisā	19		x
120	Al-Māidah	14	x	
165	Al-En'ām	19		x
206	Al-A'rāf	105	x	
75	Al-Anfāl	13		x
129	Al-Tawbah	46	x	
109	Yūnus	109		x
123	Hūd	44		
111	Yūsuf	40		
43	Al-Ra'd	43		x
52	Ibrāhīm	17		x
99	Al-ḥijr	17		x
128	Al-Naḥl	14	x	
111	Al-'Isrā	40		
110	Al-Kahf	18	x	
98	Maryam	16	x	
135	Ṭāhā	14		
112	Al-Anbiyā	15		x
78	Al-ḥajj	18	x	
118	Al-Mu'minūn	61		x
64	Al-Nūr	12	x	
77	Al-Furqān	18	x	
227	Al-Shu'arā	227		x
93	Al-Naml	34		
88	Al-Qaṣaṣ	17		x
69	Al-'Ankabūt	26	x	
60	Al-Rūm	12	x	
34	Luqmān	19		
30	Al-Sajdah	10	x	
73	Al-Aḥzāb	73		x
54	Saba	11		x
45	Fāṭir	11		x
83	Yāsīn	83		x
182	Al-ṣāffāt	22	x	
88	ṣād	17	x	
75	Al-Zumar	13		x
85	Al-Mu'min	22		
54	Fuṣṣilat	11	x	
53	Al-Shūrā	53		x
89	Al-Zukhruf	89		x
59	Al-Dukhān	59		x
37	Al-Jāthiyah	37		x
35	Al-Aḥqāf	12		
38	Muḥammad	21		
29	Al-Fatḥ	29	x	x
18	Al-ḥujurāt	8	x	
45	Qāf	11		
60	Al-Dhāriyāt	12	x	
49	Al-Ṭūr	14		
62	Al-Najm	33	x	
55	Al-Qamar	16		
78	Al-Raḥmān	18	x	
96	Al-Wāqi'ah	13	x	
29	Al-ḥadīd	29	x	x

(Large watermark figure **27** shown in each of the two right-hand columns for this half.)

— axis of symmetry —

Ayat	SURAH	a_0(Ayat)	Surahs With Even Number of Ayats	Surahs With Prime a_0(number of ayats)
22	Al-Mujādalah	13	x	x
24	Al-ḥashr	9	x	
13	Al-Mumtaḥinah	13		x
14	Al-ṣaff	9	x	
11	Al-Jumu'ah	11		x
11	Al-Munāfiqūn	11		x
18	Al-Taghābun	8	x	
12	Al-ṭalāq	7	x	x
12	Al-Taḥrīm	7	x	x
30	Al-Mulk	10	x	
52	Al-Qalam	17	x	x
52	Al-ḥāqqah	17	x	x
44	Al-Ma'ārij	15	x	
28	Nūḥ	11	x	x
28	Al-Jinn	11	x	x
20	Al-Muzzammil	9	x	
56	Al-Muddaththir	13	x	x
40	Al-Qiyāmah	11	x	x
31	Al-Insān	31		x
50	Al-Mursalāt	12	x	
40	Al-Naba'	11	x	x
46	Al-Nāzi'āt	25	x	
42	'Abasa	12	x	
29	Al-Takwīr	29		x
19	Al-Infiṭār	19		x
36	Al-Muṭaffifīn	10	x	
25	Al-Inshiqāq	10	x	
22	Al-Burūj	13	x	x
17	Al-ṭāriq	17		x
19	Al-A'lā	19		x
26	Al-Ghāshiyah	15	x	
30	Al-Fajr	10	x	
20	Al-Balad	9	x	
15	Al-Shams	8		
21	Al-Layl	10		
11	Al-ḍuḥā	11		x
8	Al-Inshirāḥ	6	x	
8	Al-Tīn	6	x	
19	Al-'Alaq	19		x
5	Al-Qadr	5		x
8	Al-Bayyinah	6	x	
8	Al-Zilzāl	6	x	
11	Al-'Ādiyāt	11		x
11	Al-Qāri'ah	11		x
8	Al-Takāthur	6	x	
3	Al-'Asr	3		x
9	Al-Humaza	6		x
5	Al-Fīl	5		x
4	Quraysh	4	x	
7	Al-Mā'ūn	7		x
3	Al-Kawthar	3		x
6	Al-Kāfirūn	5	x	x
3	Al-Naṣr	3		x
5	Tabbat	5		x
4	Al-Ikhlāṣ	4	x	
5	Al-Falaq	5		x
6	Al-Nās	5	x	x

(Large watermark figure **33** shown in each of the two right-hand columns for this half.)

In the figure, equal distribution of the surahs with even number of ayats and the surahs with prime a_0(number of ayats) to the first and second half of the Qur'an is shown.

The surahs which take place in the first half of the Qur'ān with a non-prime number of a_0 (number of ayats)

Surah	a_0(Ayat)	Surah	a_0(Ayat)
Al-Baqarah	26	Al-Furqān	18
Āl ‘Imrān	16	Al-Naml	34
Al-Māidah	14	Al-‘Ankabūt	26
Al-A‘rāf	105	Al-Rūm	12
Al-Tawbah	46	Al-Sajdah	10
Hūd	44	Al-Ṣaffāt	22
Yūsuf	40	Al-Mu'min	22
Al-Naḥl	14	Al-Aḥqāf	12
Al-'Isrā	40	Muḥammad	21
Al-Kahf	18	Al-Ḥujurāt	8
Maryam	16	Al-Dhāriyāt	12
Ṭāhā	14	Al-Ṭūr	14
Al-Anbiyā	15	Al-Najm	33
Al-Ḥajj	18	Al-Qamar	16
Al-Nūr	12	Al-Raḥmān	18

List-112

There are **30** surahs in List-112

The surahs which take place in the first half of the Qur'ān with an odd number of ayats

Surah	Ayat	Surah	Ayat
Al-Fātiḥa	7	Al-Aḥzāb	73
Al-En‘ām	165	Fāṭir	45
Al-Anfāl	75	Yāsīn	83
Al-Tawbah	129	Al-Zumar	75

225

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Surah		Surah	
Yūnus	109	Al-Mu'min	85
Hūd	123	Al-Shūrā	53
Yūsuf	111	Al-Zukhruf	89
Al-Ra'd	43	Al-Dukhān	59
Al-Ḥijr	99	Al-Jāthiyah	37
Al-'Isrā	111	Al-Aḥqāf	35
Ṭāhā	135	Al-Fatḥ	29
Al-Furqān	77	Qāf	45
Al-Shu'arā	227	Al-Ṭūr	49
Al-Naml	93	Al-Qamar	55
Al-'Ankabūt	69	Al-Ḥadīd	29

List-113

There are **30** surahs in List-113

The surahs which take place in the second half of the Qur'ān with a non-prime number of a_0 (number of ayats)

Surah	a_0(Ayat)	*Surah*	a_0(Ayat)
Al-Ḥashr	9	Al-Fajr	10
Al-Ṣaff	9	Al-Balad	9
Al-Taghābun	8	Al-Shams	8
Al-Mulk	10	Al-Layl	10
Al-Ma'ārij	15	Al-Inshirāḥ	6
Al-Muzzammil	9	Al-Tīn	6
Al-Mursalāt	12	Al-Bayyinah	6
Al-Nāzi'āt	25	Al-Zilzāl	6
'Abasa	12	Al-Takāthur	6
Al-Muṭaffifīn	10	Al-Humaza	6
Al-Inshiqāq	10	Quraysh	4
Al-Ghāshiyah	15	Al-Ikhlāṣ	4

List-114

There are **24** surahs in List-114

The surahs which take place in the second half of the Qur'ān with an odd number of ayats

Surah	Ayat		Surah	Ayat
Al-Mumtaḥinah	13		Al-'Alaq	19
Al-Jumu'ah	11		Al-Qadr	5
Al-Munāfiqūn	11		Al-'Ādiyāt	11
Al-Insān	31		Al-Qāri'ah	11
Al-Takwīr	29		Al-'Asr	3
Al-Infiṭār	19		Al-Humaza	9
Al-Inshiqāq	25		Al-Fīl	5
Al-Ṭāriq	17		Al-Mā'ūn	7
Al-A'lā	19		Al-Kawthar	3
Al-Shams	15		Al-Naṣr	3
Al-Layl	21		Tabbat	5
Al-Ḍuḥa	11		Al-Falaq	5

List-115

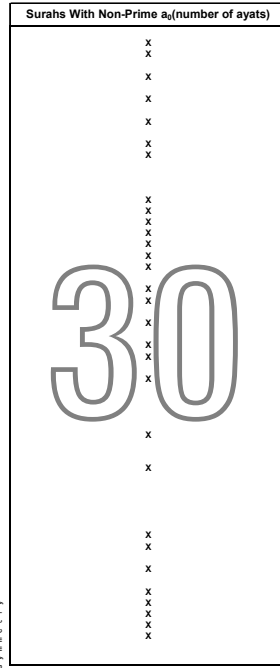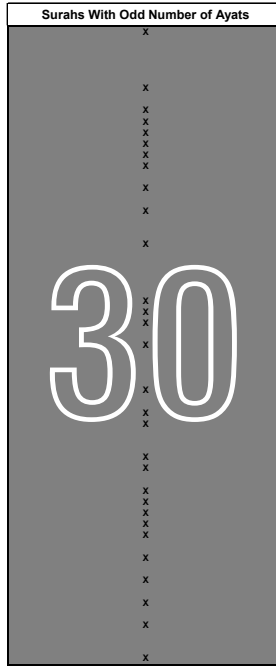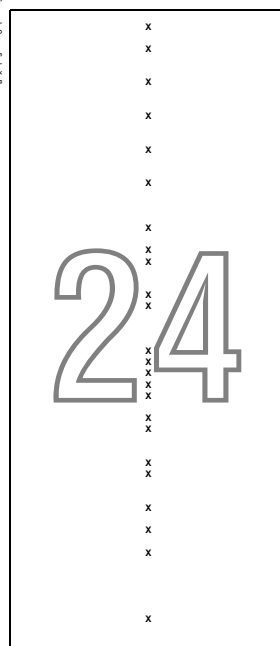There are **24** surahs in List-115

Evaluation

We see above that the number of surahs with a non-prime number of a_0 (the number of ayats) is equal to the number of surahs with an odd number of ayats. Now we observe that these two surah sets with equal number of members, take place in both the first and the second half of Holy Qur'an in equal numbers!

Let's see the results which outcome collectively:

www.symmetricbook.com

Ayat	SURAH	a_0(Ayat)	Surahs With Odd Number of Ayats	Surahs With Non-Prime a_0 (number of ayats)
7	Al-Fātiḥa	7	x	
286	Al-Baqarah	26		x
200	Āl 'Imrān	16		x
176	Al-Nisā	19		
120	Al-Māidah	14		x
165	Al-En'ām	19	x	
206	Al-A'rāf	105		x
75	Al-Anfāl	13	x	
129	Al-Tawbah	46	x	x
109	Yūnus	109	x	
123	Hūd	44	x	x
111	Yūsuf	40	x	x
43	Al-Ra'd	43	x	
52	Ibrāhīm	17		
99	Al-Ḥijr	17	x	
128	Al-Naḥl	14		x
111	Al-Isrā	40	x	x
110	Al-Kahf	18		x
98	Maryam	16		x
135	Ṭāhā	14	x	x
112	Al-Anbiyā	15		x
78	Al-Ḥajj	18		x
118	Al-Mu'minūn	61		
64	Al-Nūr	12		x
77	Al-Furqān	18	x	x
227	Al-Shu'arā	227	x	
93	Al-Naml	34	x	x
88	Al-Qaṣaṣ	17		
69	Al-'Ankabūt	26	x	x
60	Al-Rūm	12		x
34	Luqmān	19		
30	Al-Sajdah	10		x
73	Al-Aḥzāb	73	x	
54	Saba	11		
45	Fāṭir	11	x	
83	Yāsīn	83	x	
182	Al-Ṣāffāt	22		x
88	Ṣād	17		
75	Al-Zumar	13	x	
85	Al-Mu'min	22	x	x
54	Fuṣṣilat	11		
53	Al-Shūrā	53	x	
89	Al-Zukhruf	89	x	
59	Al-Dukhān	59	x	
37	Al-Jāthiyah	37	x	
35	Al-Aḥqāf	12	x	x
38	Muḥammad	21		x
29	Al-Fatḥ	29	x	
18	Al-Ḥujurāt	8		x
45	Qāf	11	x	
60	Al-Dhāriyāt	12		x
49	Al-Ṭūr	14	x	x
62	Al-Najm	33		x
55	Al-Qamar	16	x	x
78	Al-Raḥmān	18		x
96	Al-Wāqi'ah	13		
29	Al-Ḥadīd	29	x	
22	Al-Mujādalah	13		
24	Al-Ḥashr	9		x
13	Al-Mumtaḥinah	13	x	
14	Al-Ṣaff	9		x
11	Al-Jumu'ah	11	x	
11	Al-Munāfiqūn	11	x	
18	Al-Taghābun	8		x
12	Al-Ṭalāq	7		
12	Al-Taḥrīm	7		
30	Al-Mulk	10		x
52	Al-Qalam	17		
52	Al-Ḥāqqah	17		
44	Al-Ma'ārij	15		x
28	Nūḥ	11		
28	Al-Jinn	11		
20	Al-Muzzammil	9		x
56	Al-Muddaththir	13		
40	Al-Qiyāmah	11		
31	Al-Insān	31	x	
50	Al-Mursalāt	12		x
40	Al-Naba'	11		
46	Al-Nāzi'āt	25		x
42	'Abasa	12		x
29	Al-Takwīr	29	x	
19	Al-Infiṭār	19	x	
36	Al-Muṭaffifīn	10		x
25	Al-Inshiqāq	10	x	x
22	Al-Burūj	13		
17	Al-Ṭāriq	17	x	
19	Al-A'lā	19	x	
26	Al-Ghāshiyah	15		x
30	Al-Fajr	10		x
20	Al-Balad	9		x
15	Al-Shams	8	x	x
21	Al-Layl	10	x	x
11	Al-Ḍuḥa	11	x	
8	Al-Inshirāḥ	6		x
8	Al-Tīn	6		x
19	Al-'Alaq	19	x	
5	Al-Qadr	5	x	
8	Al-Bayyinah	6		x
8	Al-Zilzāl	6		x
11	Al-'Ādiyāt	11	x	
11	Al-Qāri'ah	11	x	
8	Al-Takāthur	6		x
3	Al-'Aṣr	3	x	
9	Al-Humaza	6	x	x
5	Al-Fīl	5	x	
4	Quraysh	4		x
7	Al-Mā'ūn	7	x	
3	Al-Kawthar	3	x	
6	Al-Kāfirūn	5		
3	Al-Naṣr	3	x	
5	Tabbat	4	x	x
4	Al-Ikhlāṣ	4		x
5	Al-Falaq	5	x	
6	Al-Nās	5		

First half totals: **30** (odd ayats), **30** (non-prime a_0). Second half totals: **24** (odd ayats), **24** (non-prime a_0).

axis of symmetry

In the figure, equal distribution of the surahs with odd number of ayats and the surahs with non-prime a_0(number of ayats) to the first and second half of the Qur'an is shown.

✎ **Question**: when we consider the sum of the prime factors of the sequence numbers of the surahs, and the sum of the prime factors of the number of ayats, how many of them are homogeneous and how many of them are non-homogeneous with respect to being a prime number?

In order to give an answer to this question, we should have to constitute these two sets:

✳ The set of homogeneous surahs with respect to a_0 (sequence number) and a_0 (number of ayats) being as prime numbers
✳ The set of non-homogeneous surahs with respect to a_0 (sequence number) and a_0 (number of ayats) being as prime numbers

The set of homogeneous surahs with respect to a_0 (sequence number) and a_0 (number of ayats) being as prime numbers

$a_0(No.)$	Surah	$a_0(Ayat)$	$a_0(No.)$	Surah	$a_0(Ayat)$
1	Al-Fātiḥa	7			
5	Al-En'ām	19	31	Al-Mujādalah	13
6	Al-Tawbah	46	13	Al-Munāfiqūn	11
7	Yūnus	109	12	Al-Taghābun	8
13	Al-Ra'd	43	14	Al-Ma'ārij	15
8	Al-Naḥl	14	71	Nūḥ	11
8	Al-Kahf	18	13	Al-Qiyāmah	11
9	Ṭāhā	14	23	Al-Insān	31
10	Al-Anbiyā	15	18	Al-Mursalāt	12
23	Al-Mu'minūn	61	43	Al-Infiṭār	19
9	Al-Nūr	12	14	Al-Inshiqāq	10

10	Al-Furqān	18	20	Al-Shams	8
9	Al-Naml	34	27	Al-Layl	10
11	Al-Qaṣaṣ	17	49	Al-Inshirāḥ	6
10	Al-Rūm	12	24	Al-Tīn	6
31	Luqmān	19	13	Al-ʿAlaq	19
10	Al-Sajdah	10	97	Al-Qadr	5
19	Saba	11	16	Al-Bayyinah	6
41	Fuṣṣilat	11	101	Al-Qāriʿah	11
43	Al-Zukhruf	89	22	Al-Takāthur	6
11	Al-Jāthiyah	37	103	Al-ʿAsr	3
25	Al-Aḥqāf	12	55	Quraysh	4
11	Al-Fatḥ	29	107	Al-Mٰun	

14

11	Hūd	44		21	Al-Qalam	17
7	Yūsuf	40		26	Al-Ḥāqqah	17
9	Ibrāhīm	17		12	Al-Jinn	11
8	Al-Ḥijr	17		73	Al-Muzzammil	9
17	Al-’Isrā	40		39	Al-Muddaththir	13
19	Maryam	16		18	Al-Naba’	11
13	Al-Ḥajj	18		79	Al-Nāzi‘āt	25
15	Al-Shu‘arā	227		13	‘Abasa	12
29	Al-‘Ankabūt	26		12	Al-Takwīr	29
14	Al-Aḥzāb	73		83	Al-Muṭaffifīn	10
12	Fāṭir	11		22	Al-Burūj	13
10	Yāsīn	83		45	Al-Ṭāriq	17
21	Ṣād	17		32	Al-A‘lā	19
16	Al-Zumar	13		17	Al-Ghāshiyah	15
37	Al-Ṣaffāt	22		89	Al-Fajr	10
11	Al-Mu’min	22		13	Al-Balad	9
12	Al-Shūrā	53		34	Al-Ḍuḥa	11
15	Al-Dukhān	59		17	Al-Zilzāl	6
47	Muḥammad	21		14	Al-‘Ādiyāt	11
12	Qāf	11		19	Al-Humaza	6
17	Al-Ṭūr	14		15	Al-Fīl	5
53	Al-Najm	33		18	Al-Naṣr	3
11	Al-Qamar	16		40	Tabbat	5
22	Al-Ḥadīd	29		24	Al-Nās	5
59	Al-Ḥashr	9				

List-117

If we count the members of the List-116, we find that the total members of this set are 61.

61 is also a prime number!

a_0(NO.)	SURAH	a_0(Ayat)	HOMOGENOUS SURAHS	NON-HOMOGENOUS SURAHS
1	Al-Fātiḥa	7	x	
2	Al-Baqarah	26		x
3	Āl 'Imrān	16		x
4	Al-Nisa	19		x
5	Al-Māidah	14		x
5	Al-En'ām	19	x	
7	Al-A'rāf	105		x
6	Al-Anfāl	13		x
6	Al-Tawbah	46	x	
7	Yūnus	109	x	
11	Hūd	44		x
7	Yūsuf	40		x
13	Al-Ra'd	43	x	
9	Ibrāhīm	17		x
8	Al-ḥijr	17		x
8	Al-Naḥl	14	x	
17	Al-'Isrā	40		x
8	Al-Kahf	18	x	
19	Maryam	16		x
9	Ṭāhā	14	x	
10	Al-Anbiya	15	x	
13	Al-ḥajj	18		x
23	Al-Mu'minūn	61	x	
9	Al-Nūr	12	x	
10	Al-Furqān	18	x	
15	Al-Shu'arā	227		x
9	Al-Naml	34	x	
11	Al-Qaṣaṣ	17	x	
29	Al-'Ankabūt	26		x
10	Al-Rūm	12	x	
31	Luqmān	19	x	
10	Al-Sajdah	10	x	
14	Al-Aḥzāb	73		x
19	Saba	11	x	
12	Fāṭir	11		x
10	Yāsīn	83		x
37	Al-ṣāffāt	22		x
21	ṣād	17		x
16	Al-Zumar	13		x
11	Al-Mu'min	22		x
41	Fuṣṣilat	11	x	
12	Al-Shūrā	53		x
43	Al-Zukhruf	89		x
15	Al-Dukhān	59	x	
11	Al-Jāthiyah	37	x	
25	Al-Aḥqāf	12	x	
47	Muḥammad	21		x
11	Al-Fatḥ	29	x	
14	Al-ḥujurāt	8	x	
12	Qāf	11	x	
20	Al-Dhāriyāt	12		x
17	Al-Ṭūr	14		x
53	Al-Najm	33		x
11	Al-Qamar	16		x
16	Al-Raḥmān	18	x	
13	Al-Wāqi'ah	13	x	
22	Al-ḥadīd	29		x
31	Al-Mujādalah	13	x	
59	Al-ḥashr	9		x
12	Al-Mumtaḥinah	13		x
61	Al-ṣaff	9		x
33	Al-Jumu'ah	11		x
13	Al-Munāfiqūn	11	x	
12	Al-Taghābun	8	x	
18	Al-Ṭalāq	7		x
16	Al-Taḥrīm	7		x
67	Al-Mulk	10		x
21	Al-Qalam	17		x
26	Al-ḥāqqah	17		x
14	Al-Ma'ārij	15	x	
71	Nūḥ	11	x	
12	Al-Jinn	11		x
73	Al-Muzzammil	9		x
39	Al-Muddaththir	13		x
13	Al-Qiyāmah	11	x	
23	Al-Insān	31	x	
18	Al-Mursalāt	12	x	
18	Al-Naba'	11		x
79	Al-Nāzi'āt	25		x
13	'Abasa	12		x
12	Al-Takwīr	29		x
43	Al-Infiṭār	19	x	
83	Al-Muṭaffifīn	10	x	
14	Al-Inshiqāq	10		x
22	Al-Burūj	13		x
45	Al-Ṭāriq	17		x
32	Al-A'lā	19		x
17	Al-Ghāshiyah	15		x
89	Al-Fajr	10		x
13	Al-Balad	9		x
20	Al-Shams	8	x	
27	Al-Layl	10	x	
34	Al-Ḍuḥā	11		x
49	Al-Inshirāḥ	6	x	
24	Al-Tīn	6	x	
13	Al-'Alaq	19	x	
97	Al-Qadr	5	x	
16	Al-Bayyinah	16	x	
17	Al-Zilzāl	6		x
14	Al-'Ādiyāt	11		x
101	Al-Qāri'ah	11	x	
22	Al-Takāthur	6	x	
103	Al-'Aṣr	3	x	
19	Al-Humaza	6		x
15	Al-Fīl	5		x
55	Quraysh	4	x	
107	Al-Mā'ūn	7	x	
13	Al-Kawthar	3	x	
109	Al-Kāfirūn	5	x	
18	Al-Naṣr	3		x
40	Tabbat	5		x
15	Al-Ikhlāṣ	4	x	
113	Al-Falaq	5	x	
24	Al-Nās	5		x

53   axis of symmetry   **61**

In the figure, (prime-prime) distribution of the homogenous and non-homogenous surahs is shown.

a_d(NO.)	SURAH	a_d(Ayat)	HOMOGENOUS SURAHS	NON-HOMOGENOUS SURAHS
1	Al-Fātiḥa	7	x	
2	Al-Baqarah	26		x
3	Āl 'Imrān	16		x
4	Al-Nisā	19		x
5	Al-Māidah	14		x
5	Al-En'ām	19	x	
7	Al-A'rāf	105		x
6	Al-Anfāl	13		x
6	Al-Tawbah	46	x	
7	Yūnus	109	x	
11	Hūd	44		x
7	Yūsuf	40		x
13	Al-Ra'd	43	x	
9	Ibrāhīm	17		x
8	Al-Ḥijr	17		x
8	Al-Naḥl	14	x	
17	Al-'Isrā	40		x
8	Al-Kahf	18	x	
19	Maryam	16		x
9	Ṭāhā	14	x	
10	Al-Anbiyā	15	x	
13	Al-Ḥajj	18		x
23	Al-Mu'minūn	61	x	
9	Al-Nūr	12	x	
10	Al-Furqān	18	x	
15	Al-Shu'arā	227		x
9	Al-Naml	34	x	
11	Al-Qaṣaṣ	17	x	
29	Al-'Ankabūt	26		x
10	Al-Rūm	12	x	
31	Luqmān	19	x	
10	Al-Sajdah	10	x	
14	Al-Aḥzāb	73		x
19	Saba	11	x	
12	Fāṭir	11		x
10	Yāsīn	83		x
37	Al-Ṣaffāt	22		x
21	Ṣād	17		x
16	Al-Zumar	13		x
11	Al-Mu'min	22		x
41	Fuṣṣilat	11		x
12	Al-Shūrā	53	x	
43	Al-Zukhruf	89	x	
15	Al-Dukhān	59		x
11	Al-Jāthiyah	37	x	
25	Al-Aḥqāf	12	x	
47	Muḥammad	21	x	
11	Al-Fatḥ	29	x	
14	Al-Ḥujurāt	8	x	
12	Qāf	11	x	
20	Al-Dhāriyāt	12		x
17	Al-Ṭūr	14		x
53	Al-Najm	33		x
11	Al-Qamar	16		x
16	Al-Raḥmān	18	x	
13	Al-Wāqi'ah	13	x	
22	Al-Ḥadīd	29	x	
31	Al-Mujādalah	13	x	
59	Al-Ḥashr	9		x
12	Al-Mumtaḥinah	13		x
61	Al-Ṣaff	9		x
33	Al-Jumu'ah	11	x	
13	Al-Munāfiqūn	11	x	
12	Al-Taghābun	8		x
18	Al-Ṭalāq	7		x
16	Al-Taḥrīm	7		x
67	Al-Mulk	10		x
21	Al-Qalam	17		x
26	Al-Ḥāqqah	17		x
14	Al-Ma'ārij	15		x
71	Nūḥ	11		x
12	Al-Jinn	11		x
73	Al-Muzzammil	9		x
39	Al-Muddaththir	13		x
13	Al-Qiyāmah	11	x	
23	Al-Insān	31	x	
18	Al-Mursalāt	12	x	
18	Al-Naba'	11		x
79	Al-Nāzi'āt	25		x
13	'Abasa	12		x
12	Al-Takwīr	29		x
43	Al-Infiṭār	19	x	
83	Al-Muṭaffifīn	10	x	
14	Al-Inshiqāq	10		x
22	Al-Burūj	13		x
45	Al-Ṭāriq	17		x
32	Al-A'lā	19		x
17	Al-Ghāshiyah	15		x
89	Al-Fajr	10		x
13	Al-Balad	9		x
20	Al-Shams	8	x	
27	Al-Layl	10	x	
34	Al-Ḍuḥā	11		x
49	Al-Inshirāḥ	6	x	
24	Al-Tīn	6	x	
13	Al-'Alaq	19	x	
97	Al-Qadr	5	x	
16	Al-Bayyinah	6	x	
17	Al-Zilzāl	6		x
14	Al-'Ādiyāt	11		x
101	Al-Qāri'ah	11	x	
22	Al-Takāthur	6	x	
103	Al-'Aṣr	3	x	
19	Al-Humaza	6		x
15	Al-Fīl	5		x
55	Quraysh	4	x	
107	Al-Mā'ūn	7	x	
13	Al-Kawthar	3	x	
109	Al-Kāfirūn	5	x	
18	Al-Naṣr	3		x
40	Tabbat	5		x
15	Al-Ikhlāṣ	4	x	
113	Al-Falaq	5	x	
24	Al-Nās	5		x

In the figure, (prime-prime) distribution of the homogenous and non-homogenous surahs is shown.