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### The Blessed Hope and Math

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#### Abstract

The author is a scientist and here is discussing a problem that Israel has known about for a long time. The birthrates between Jews and Muslims differ in such a way that, supposedly, Israel will be outvoted as a Jewish State around

2110 A.D. Isaac Newton came up with a date of 2060 A.D. based on the sovereignty of the Pope and a number from Revelation. It must be stressed that the birthrates are very constant, so this is a dire warning.

**Keywords:** Israel, population statistics, Jewish State, Bible, Green Line, Second Coming, Blessed Hope

#### Introduction

Isaac Newton was playing around with the Bible and some numbers and got an end of the world date of 2060 A.D. This is how he did it.

1. The Pope reigned supreme in 800 A.D. with the complete conquest of the three kings.
2. Newton got 1260 days = 1260 years from the Book of Revelation.
3. Somehow, he added the two to get  $1260 + 800 = 2060$ .
4. On YouTube it is shown that a Jerusalem library has Newton's paper.

There is data in Israel from two periods: 1967-2006 and 1967-1993.

A) Israel/Arab stats 1967-2006

Israeli Central Bureau of Statistics

1. "Statistical Abstract of Israel, No. 55," 2004 <sup>[1]</sup>
2. "Statistical Abstract of Israel 2007" <sup>[2]</sup>

B) Israeli Jews/Arabs 1967-1993

Statistical Abstract of Israel No. 45 (1994), p. 43 <sup>[3]</sup>

The author is an independent scientist and is responsible for groundbreaking research in polymer solutions <sup>[4]</sup> and speculation concerning interstellar exploration <sup>[5]</sup>. The intent is to allow interested people a glimpse into the relation between mathematics and religion.

This is an informal workup

#### Results 1

For exponential population growth

$$N = N_0 \exp(a t)$$

Israeli Jews since 1967

$$M = M_0 \exp(b t)$$

Israeli Muslims since 1967

According to the Virgin Mary at Medjugorje <sup>[6]</sup> on July 12, 1982, "The third world war will not take place." So, there is no reason to expect (a, b), the birthrates, to alter. For the data in A) the linear regression shows a and b have an r value close to unity and that means a constant birth rate for Israeli Jews and Arabs. It must be that the two do not intermarry. The values of r for a and b (birthrates) were calculated for the yearly data in B) and they were the same.

This is the reason for the Green Line and gives a much better estimate for the end of the world than Isaac Newton. Projecting these statistics, the Muslims will outvote Israel as a Jewish State and I eyeballed it as 2110 A.D. for the outside as the End of The World. Jews are the People of the Book from Genesis to Revelation and the Messiah must come very soon or the planet faces extinction. My thesis in this paper is unchanged if one includes minorities, such as Christians and Druze, because they reduce the Jewish majority and make it more necessary for the Blessed Hope coming to have Israel still be a Jewish State. If it were otherwise, that would be unreal.

I'm going to give the mathematical details, calculating this exactly here in this document by revealing the linear regression on A) & B) and averaging the two. The exact calculation also reveals 2110 A.D. for the last syllable of recorded time.

May God have mercy on me a sinner, Amen. Now I've done it and I pray the prayers of the Blessed Virgin upon friends and family.

- Selah-

## Results 2

### A) Israel/Arab Stats 1967-2006

for Jews, the slope is a (birthrate)

for Muslims, the slope is b (birthrate)

for Jews at 1967, population is No

for Muslims at 1967, population is Mo

at 1967,  $t = 0$ ; and  $N = M$  at  $t$ , maximum limit for the end of the world

$t = \ln (No/Mo) / (b - a)$  when the populations are equal

from plot of  $\ln (N / No)$  versus  $t$

$\Delta \ln (N / No) / \Delta t = \text{Jewish birth rate} = a$

**Table 1:** Raw Data for Israeli Jews  $t$  is years from 1967,  $No = 2,384,000$

$t$	<b>N in 1,000's</b>	<b>ln (N / No)</b>
0	2384	0
6	2845	0.17678
16	3413	0.35881
23	3947	0.50418
28	4522	0.640175
33	4955	0.731618
39	5393	0.816322
x		y

$$y = A + Bx$$

A intercept      B slope, Jewish birth rate

$A = 0.02614$ ,  $B = 0.020999$ ,  $r = 0.99$

$r$  being close to 1.00 means constant birth rate very linear

$B = \text{Israeli Jewish birth rate from 1967-2006} = a = 0.020999$

from plot of  $\ln (M / Mo)$  versus  $t$  for Israeli Muslims

$\Delta \ln (M / Mo) / \Delta t = \text{Muslim birth rate} = b$

**Table 2:** Raw data for Israeli Muslims  $Mo = 392,700$ ,  $t$  is years from 1967

$t$	<b>M in 1,000's</b>	<b>ln (M / Mo)</b>
0	392.7	0
6	493.2	0.22787
16	706.1	0.58671
23	875	0.80118
28	1005	0.93970
33	1189	1.10782
39	1413	1.28043
x		y

$$y = A + Bx$$

A intercept, B slope, Muslim birth rate

$A = 0.02942$ ,  $B = 0.032674$ ,  $r = 0.999$  very linear

shows constant Muslim birth rate, 1967-2006

$b = B = \text{Muslim birth rate} = 0.032674$

A) from page 2 at 1967,  $t = 0$  and at  $t$ ,  $N = M$

So according to the rigorous mathematics

$$t = (\ln No / Mo) / (b - a)$$

or  $t = (\ln (2384000 / 392700)) / (0.032674 - 0.020999) = 154.5$  (rounded)

this is years from 1967 for A)

$$154.5 + 1967 = 2121.5 \text{ A.D.}$$

## Results 3

B) According to the stats from the set for 1967-1993, with the same workup

$$\text{Jews } N = (2, 383,600) \exp (0.0210865 t) \quad (1)$$

$$\text{Muslims } M = (392,700) \exp (0.0348487 t) \quad (2)$$

Israeli Jews       $No = 2,383,600$

**Table 3**

<b>Years from 1967</b>	<b>N in 1,000's</b>	<b>ln(N/No)</b>
0	2383.6	0
1	2432.8	0.0204
2	2506.8	0.0504
3	2582.0	0.0799
4	2662.0	0.1105
5	2752.7	0.1440
6	2845.0	0.1770
7	2906.9	0.1985
8	2959.4	0.2164
9	3020.4	0.2368
10	3077.3	0.2554
11	3242.2	0.3076
12	3218.4	0.3003
13	3282.7	0.3201
14	3320.3	0.3314
15	3373.2	0.3472
16	3412.5	0.3588

17	3471.7	0.3760
18	3517.2	0.3891
19	3561.4	0.4015
20	3612.9	0.4159
21	3659.0	0.4286
22	3717.1	0.4443
23	3946.7	0.5043
24	4144.6	0.5532
25	4242.5	0.5765
26	4335.2	0.5982
x		y

$$y = A + Bx$$

A intercept, B slope, B = Jewish birthrate, r = linearity

A = 0.02985, B = 0.020902, r = 0.99 very linear

Israeli Muslims Mo = 392,7000

**Table 4**

Years from 1967	M in 1000's	ln(M/Mo)
0	392.7	0
1	406.3	0.0340
2	422.6	0.0734
3	440.0	0.1137
4	458.6	0.1551
5	472.3	0.1846
6	493.2	0.2279
7	514.7	0.2705
8	533.8	0.3070
9	555.0	0.3459
10	575.9	0.3829
11	596.4	0.4179
12	617.8	0.4531
13	639.0	0.4869
14	657.4	0.5152
15	690.4	0.5642
16	706.1	0.5867
17	727.9	0.6171
18	749.0	0.6457
19	769.9	0.6732
20	793.6	0.7035
21	817.7	0.7334
22	842.5	0.7633
23	875	0.8012
24	914.3	0.8451
25	953.4	0.8870
26	992.5	0.9272
x	y	

$$y = A + Bx$$

A intercept, B slope, r linearity, B = Muslim birthrates

A = 0.01851, B = 0.034803, r = 0.999 very linear

No, Mo, a and b are read from the two equations, Eq. (1) and Eq. (2).

t from 1967 for B) is 131.0 (rounded)

The end of the world for the B) set of figures is 2098 A.D. So, the average for the two sets is 2110 A.D. with the exact calculation.

## Discussion

Many people believe the end of time is always in the distant future. Also, there are people who think Jews are just another race, but Jews are meant to give salvation according to the word of Jesus Christ (JOHN 4:22).

Definitely, the Second Coming of Christ is unknown. What can be concluded from the limited data in this paper? The author sees this as a unity between the Jewish and Christian revelation and eventually Israel will be at the head of the nations.

## Conclusion

The end has to be much sooner than 2110 A.D. and the Jewish State must survive. Given the present calamities and horrors, I interpret COVID-19 as a bowl judgment in Revelation 16.

Enoch's prayer must be answered: "Behold the Lord cometh with his myriads of holy ones!" JUDE 14

Also, see Isaiah 25:7 "On this mountain he will destroy the veil that veils all peoples."

May God have mercy on us all. Amen.

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