APPENDIX 11

COMPUTER METHODS AND RESULTS OF STANDARD POPULATIONS MODEL FOR NORTHERN ANEITYUM: ANAU-UNJAI, ANETCHO, IJIPDAV AND ANAU-UNSE

A computer program was written by John Burton of ANU, to my specifications, allowing rapid computation of standard population results from the data obtained in steps 1-6 using the Bayliss-Smith model (Chapter 4). The program is thus equivalent to Bayliss-Smith's steps 7-10.

The data to be fed into the program were:

minimum surplus

taken to be 0% of total production

maximum surplus

taken to be 70% of total production

total annual production in million Kcals

total annual production of the area in question (northern part of the island, chiefdom or district) given crop mix, yields and fallow regime

total annual consumption per person in million Kcals

taken to be 0.8 minus the 20% of energy requirements met from other sources, therefore 0.64

total annual person-hours

total hours necessary to produce the given annual production

percentage of annual hours done by men

taken from labour input figures

productive percentage of population who are men

taken from the population structures given in Table 9

productive percentage of population who are women

taken from the population structures given in Table 9

name of this model

see below

In the full results given below for northern Aneityum, the models used are coded as follows:

In position one, n signifies the northern part of the island.
In position two, 1 or 3 signifies whether model 1 or 3 has been used (see page 85).
In position three, a or b signifies whether sub-model a or b has been used (ibid).
In position four, B, D or F signifies whether population structure B*, D or F has been used (Table 9).
In position five, 3 or 2 indicates whether a fallow regime of six years fallow and one year use (3) or six years fallow and two years use (2) has been used. When no number occurs in position five then five years fallow and one years use has been used.

Column one of the results represents percentage surplus over subsistence. Column two is the total population supportable given these percentage surpluses. Column three represents male labour hours/week. Column four represents female labour hours/week.

In the early 1850s the population of northern Aneityum was given in the census as 2000 and that of the southern part of the island as 1800 (App.6:item 32). In all calculations it has been assumed that the percentage of total island population found in the north remains constant at 52.6%, thus allowing island-wide figures to be calculated (page 90).

The full results for individual districts, groups of districts and chiefdoms in the northern part of the island, for which 1850s census figures are available, are on file in the archives of the Prehistory Department, Research School of Pacific Studies, ANU. The summary results are given in Table 10.

1. The Program

```
BEGIN
    EXTERNAL TEXT PROCEDURE frontstrip,inline,conc2;
    EXTERNAL REAL PROCEDURE clocktime;
    INTEGER nfiles;
    TEXT t;

    PROCEDURE new_real(v,query);
    NAME v; VALUE query;
    REAL v; TEXT query;
    BEGIN TEXT s;
        s:-Blanks(20);
        Outtext(query);
        Outtext(" (");
        s.Putfix(v,2);
        s:-frontstrip(s);
        Outtext(s);
        Outtext(")  ");
        Breakoutimage;Inimage;
        s:-Sysin.Image.Strip;
        IF s=/=NOTEXT THEN
        v:=s.Getreal
    END;

    PROCEDURE new_int(v,query);
    NAME v; VALUE query;
    INTEGER v;  TEXT query;
    BEGIN TEXT s;
        s:-Blanks(20);
        Outtext(query);
        Outtext(" (");
        s.Putint(v);
        s:-frontstrip(s);
        Outtext(s);
        Outtext(")  ");
        Breakoutimage;Inimage;
        s:-Sysin.Image.Strip;
        IF (s="exit") OR (s="EXIT") THEN
        v:=0
        ELSE
        IF s=/=NOTEXT THEN
        v:=s.Getint
    END;


    t:-inline("How many outfiles this session:  ",Sysin);
    nfiles:=t.Getint;
    BEGIN
        REAL annual_kcals,person_kcals,surplus_kcals,hours_per_week,
        population,man_hours_per_week,women_hours_per_week,elapsed,closingtime;
        INTEGER i,current_file,smin,smax,surplus,increment,annual_hours,
        mens_share,womens_share,male_percent,female_percent,men,women;
        REF(Outfile) taro_eaters;
        REF(Outfile) ARRAY f[1:nfiles];
```

```
FOR i:=1 STEP 1 UNTIL nfiles DO
BEGIN
    Outtext("Name of outfile number ");
    Outint(i,2);Outtext(":  ");
    Breakoutimage;Inimage;
    t:-Sysin.Image.Strip;
    t:-conc2(t,"/ACCESS:APPEND");
    f[i]:-NEW Outfile(t);
    f[i].Open(Blanks(80))
END;

COMMENT assign default values;
closingtime:=clocktime;
smin:=surplus:=annual_hours:=0;
current_file:=1;
smax:=100;increment:=5;
annual_kcals:=person_kcals:=mens_share:=male_percent:=female_percent:=0;

new_int(current_file,"Current file number");
WHILE (current_file↑0) AND (current_file§=nfiles) DO
BEGIN
    taro_eaters:-f[current_file];
    new_int(smin,"Minimum surplus");
    new_int(smax,"Maximum surplus");
    new_int(increment,"Increment");
    new_real(annual_kcals,"Total annual production in kcals");
    new_real(person_kcals,"Annual consumption per person in Kcals");
    new_int(annual_hours,"Total annual person hours");
    new_int(mens_share,"Percentage of annual hours done by men");
    womens_share:=100-mens_share;
    new_int(male_percent,"Productive percent of population who are men");
    new_int(female_percent,"Productive percent of population who are women");
    Outimage;
    Outtext("Name of this model");
    Breakoutimage;Inimage;
    t:-Sysin.Image.Strip;
    INSPECT taro_eaters DO
    BEGIN
        Outtext(t);
        Outtext(" is the name of this model");
        Outimage
    END;

    Outtext("Surplus   Population   Men/Women Hours");
    Outimage;

    FOR surplus:=smin STEP increment UNTIL smax DO
    BEGIN
        surplus_kcals:=(surplus/100)*annual_kcals;
        population:=(annual_kcals-surplus_kcals)/person_kcals;
        men:=population*(male_percent/100);
        IF men§1 THEN GOTO fred;
        women:=population*(female_percent/100);
        IF women§1 THEN GOTO fred;
        man_hours_per_week:=(annual_hours*(mens_share/100))/men/52;
        women_hours_per_week:=(annual_hours*(womens_share/100))/women/52;
```

```
            INSPECT taro_eaters DO
            BEGIN
                Outint(surplus,8);
                Outfix(population,0,8);
                Outfix(man_hours_per_week,1,8);
                Outfix(women_hours_per_week,1,8);
                Outimage
            END;

            INSPECT Sysout DO
            BEGIN
                Outint(surplus,6);
                Outfix(population,0,12);
                Outfix(man_hours_per_week,1,12);
                Outfix(women_hours_per_week,1,8);
                Outimage
            END;
            IF surplus↑smax THEN GOTO fred
        END;
        fred:
        new_int(current_file,"Current file number");
        IF (current_file↑0) AND (current_file§=nfiles) THEN
        BEGIN
            taro_eaters:-f[current_file];
            elapsed:=clocktime-closingtime;
            IF elapsed↑600 THEN
            BEGIN
                FOR i:=1 STEP 1 UNTIL nfiles DO
                INSPECT f[i] DO
                BEGIN
                    Close;
                    Open(Blanks(80))
                END;
                Sysout.Outimage;
                Sysout.Outtext("[Save]");
                Sysout.Outimage;
                Sysout.Outimage;
                closingtime:=clocktime
            END
        END

    END;
    FOR i:=1 STEP 1 UNTIL nfiles DO
    f[i].Close
END
END
```

2. The Results

nlab is the name of this model

0	4327	5.5	14.5
5	4111	5.8	15.3
10	3895	6.1	16.1
15	3678	6.4	17.1
20	3462	6.8	18.2
25	3246	7.3	19.4
30	3029	7.8	20.7
35	2813	8.4	22.4
40	2596	9.1	24.2
45	2380	10.0	26.4
50	2164	10.9	29.0
55	1947	12.2	32.3
60	1731	13.7	36.3
65	1515	15.6	41.5
70	1298	18.3	48.4

n3ab is the name of this model

0	6329	4.6	11.1
5	6013	4.8	11.7
10	5696	5.1	12.3
15	5380	5.4	13.1
20	5063	5.7	13.9
25	4747	6.1	14.8
30	4430	6.5	15.9
35	4114	7.0	17.1
40	3797	7.6	18.5
45	3481	8.3	20.2
50	3165	9.1	22.2
55	2848	10.2	24.7
60	2532	11.4	27.8
65	2215	13.1	31.7
70	1899	15.2	37.0

nlab3 is the name of this model

0	3776	5.5	14.5
5	3587	5.7	15.2
10	3399	6.1	16.1
15	3210	6.4	17.0
20	3021	6.8	18.1
25	2832	7.3	19.3
30	2643	7.8	20.7
35	2454	8.4	22.3
40	2266	9.1	24.2
45	2077	9.9	26.3
50	1888	10.9	29.0
55	1699	12.1	32.2
60	1510	13.6	36.2
65	1322	15.6	41.4
70	1133	18.2	48.2

n3ab3 is the name of this model

0	5565	4.5	11.0
5	5287	4.8	11.6
10	5009	5.0	12.2
15	4730	5.3	12.9
20	4452	5.7	13.7
25	4174	6.0	14.6
30	3896	6.5	15.7
35	3617	7.0	16.9
40	3339	7.5	18.3
45	3061	8.2	20.0
50	2783	9.0	22.0
55	2504	10.1	24.4
60	2226	11.3	27.5
65	1948	12.9	31.4
70	1670	15.1	36.6

nlab2 is the name of this model

0	6257	5.5	14.6
5	5944	5.8	15.4
10	5632	6.1	16.2
15	5319	6.5	17.2
20	5006	6.9	18.2
25	4693	7.3	19.5
30	4380	7.9	20.9
35	4067	8.5	22.5
40	3754	9.2	24.3
45	3441	10.0	26.5
50	3129	11.0	29.2
55	2816	12.2	32.5
60	2503	13.8	36.5
65	2190	15.7	41.8
70	1877	18.3	48.7

n3ab2 is the name of this model

0	9003	4.7	11.4
5	8553	4.9	11.9
10	8103	5.2	12.6
15	7652	5.5	13.4
20	7202	5.8	14.2
25	6752	6.2	15.1
30	6302	6.7	16.2
35	5852	7.2	17.5
40	5402	7.8	18.9
45	4952	8.5	20.6
50	4501	9.4	22.7
55	4051	10.4	25.2
60	3601	11.7	28.4
65	3151	13.4	32.4
70	2701	15.6	37.9

nlbb is the name of this model

0	4327	6.6	16.1
5	4111	7.0	16.9
10	3895	7.4	17.8
15	3678	7.8	18.9
20	3462	8.3	20.1
25	3246	8.8	21.4
30	3029	9.5	22.9
35	2813	10.2	24.7
40	2596	11.0	26.8
45	2380	12.0	29.2
50	2164	13.2	32.1
55	1947	14.7	35.7
60	1731	16.5	40.2
65	1515	18.9	45.9
70	1298	22.1	53.5

n3bb is the name of this model

0	6329	6.8	14.0
5	6013	7.2	14.7
10	5696	7.6	15.5
15	5380	8.0	16.4
20	5063	8.5	17.5
25	4747	9.1	18.6
30	4430	9.8	20.0
35	4114	10.5	21.5
40	3797	11.4	23.3
45	3481	12.4	25.4
50	3165	13.7	27.9
55	2848	15.2	31.1
60	2532	17.1	34.9
65	2215	19.5	39.9
70	1899	22.8	46.5

nlbb3 is the name of this model

0	3776	6.6	16.0
5	3587	6.9	16.8
10	3399	7.3	17.8
15	3210	7.8	18.8
20	3021	8.2	20.0
25	2832	8.8	21.3
30	2643	9.4	22.9
35	2454	10.1	24.6
40	2266	11.0	26.7
45	2077	12.0	29.1
50	1888	13.2	32.0
55	1699	14.6	35.5
60	1510	16.5	40.0
65	1322	18.8	45.7
70	1133	22.0	53.2

n3bb3 is the name of this model

0	5565	6.7	13.8
5	5287	7.1	14.5
10	5009	7.5	15.3
15	4730	7.9	16.2
20	4452	8.4	17.2
25	4174	9.0	18.4
30	3896	9.6	19.7
35	3617	10.4	21.2
40	3339	11.2	23.0
45	3061	12.2	25.0
50	2783	13.5	27.6
55	2504	15.0	30.6
60	2226	16.8	34.4
65	1948	19.2	39.4
70	1670	22.4	45.9

nlbb2 is the name of this model

0	6257	6.7	16.2
5	5944	7.0	17.1
10	5632	7.4	18.0
15	5319	7.9	19.1
20	5006	8.3	20.3
25	4693	8.9	21.6
30	4380	9.5	23.2
35	4067	10.3	25.0
40	3754	11.1	27.0
45	3441	12.1	29.5
50	3129	13.4	32.5
55	2816	14.8	36.1
60	2503	16.7	40.5
65	2190	19.1	46.4
70	1877	22.3	54.1

n3bb2 is the name of this model

0	9003	7.0	14.4
5	8553	7.4	15.2
10	8103	7.8	16.0
15	7652	8.3	16.9
20	7202	8.8	18.0
25	6752	9.4	19.2
30	6302	10.1	20.6
35	5852	10.8	22.2
40	5402	11.7	24.0
45	4952	12.8	26.2
50	4501	14.1	28.8
55	4051	15.7	32.0
60	3601	17.6	36.0
65	3151	20.1	41.2
70	2701	23.5	48.0

nlad is the name of this model

0	4327	5.2	12.6
5	4111	5.4	13.3
10	3895	5.7	14.0
15	3678	6.1	14.8
20	3462	6.5	15.7
25	3246	6.9	16.8
30	3029	7.4	18.0
35	2813	7.9	19.4
40	2596	8.6	21.0
45	2380	9.4	22.9
50	2164	10.3	25.2
55	1947	11.5	28.0
60	1731	12.9	31.5
65	1515	14.8	36.0
70	1298	17.2	42.0

n3ad is the name of this model

0	6329	4.3	9.6
5	6013	4.5	10.1
10	5696	4.8	10.7
15	5380	5.1	11.3
20	5063	5.4	12.0
25	4747	5.8	12.8
30	4430	6.2	13.7
35	4114	6.6	14.8
40	3797	7.2	16.0
45	3481	7.9	17.5
50	3165	8.6	19.2
55	2848	9.6	21.4
60	2532	10.8	24.1
65	2215	12.3	27.5
70	1899	14.4	32.0

nlad3 is the name of this model

0	3776	5.2	12.6
5	3587	5.4	13.2
10	3399	5.7	13.9
15	3210	6.1	14.8
20	3021	6.4	15.7
25	2832	6.9	16.7
30	2643	7.4	17.9
35	2454	7.9	19.3
40	2266	8.6	20.9
45	2077	9.4	22.8
50	1888	10.3	25.1
55	1699	11.4	27.9
60	1510	12.9	31.4
65	1322	14.7	35.9
70	1133	17.2	41.8

n3ad3 is the name of this model

0	5565	4.3	9.5
5	5287	4.5	10.0
10	5009	4.7	10.6
15	4730	5.0	11.2
20	4452	5.3	11.9
25	4174	5.7	12.7
30	3896	6.1	13.6
35	3617	6.6	14.6
40	3339	7.1	15.9
45	3061	7.8	17.3
50	2783	8.5	19.0
55	2504	9.5	21.2
60	2226	10.7	23.8
65	1948	12.2	27.2
70	1670	14.2	31.7

nlad2 is the name of this model

0	6257	5.2	12.7
5	5944	5.5	13.3
10	5632	5.8	14.1
15	5319	6.1	14.9
20	5006	6.5	15.8
25	4693	6.9	16.9
30	4380	7.4	18.1
35	4067	8.0	19.5
40	3754	8.7	21.1
45	3441	9.4	23.0
50	3129	10.4	25.3
55	2816	11.5	28.1
60	2503	13.0	31.6
65	2190	14.9	36.2
70	1877	17.3	42.2

n3ad2 is the name of this model

0	9003	4.4	10.2
5	8553	4.6	10.7
10	8103	4.9	11.3
15	7652	5.2	12.0
20	7202	5.5	12.7
25	6752	5.9	13.6
30	6302	6.3	14.5
35	5852	6.8	15.7
40	5402	7.4	17.0
45	4952	8.0	18.5
50	4501	8.8	20.4
55	4051	9.8	22.6
60	3601	11.0	25.5
65	3151	12.6	29.1
70	2701	14.7	33.9

nlbd is the name of this model

0	4327	6.2	13.9
5	4111	6.6	14.7
10	3895	6.9	15.5
15	3678	7.4	16.4
20	3462	7.8	17.4
25	3246	8.3	18.6
30	3029	8.9	19.9
35	2813	9.6	21.4
40	2596	10.4	23.2
45	2380	11.4	25.3
50	2164	12.5	27.9
55	1947	13.9	31.0
60	1731	15.6	34.8
65	1515	17.9	39.8
70	1298	20.8	46.5

n3bd is the name of this model

0	6329	6.5	12.1
5	6013	6.8	12.7
10	5696	7.2	13.5
15	5380	7.6	14.2
20	5063	8.1	15.1
25	4747	8.6	16.1
30	4430	9.2	17.3
35	4114	9.9	18.6
40	3797	10.8	20.2
45	3481	11.7	22.0
50	3165	12.9	24.2
55	2848	14.3	26.9
60	2532	16.1	30.3
65	2215	18.4	34.6
70	1899	21.5	40.3

nlbd3 is the name of this model

0	3776	6.2	13.9
5	3587	6.6	14.6
10	3399	6.9	15.4
15	3210	7.3	16.3
20	3021	7.8	17.3
25	2832	8.3	18.5
30	2643	8.9	19.8
35	2454	9.6	21.3
40	2266	10.4	23.1
45	2077	11.3	25.2
50	1888	12.4	27.8
55	1699	13.8	30.8
60	1510	15.5	34.7
65	1322	17.8	39.7
70	1133	20.7	46.2

n3bd3 is the name of this model

0	5565	6.4	11.9
5	5287	6.7	12.6
10	5009	7.1	13.3
15	4730	7.5	14.0
20	4452	7.9	14.9
25	4174	8.5	15.9
30	3896	9.1	17.0
35	3617	9.8	18.4
40	3339	10.6	19.9
45	3061	11.6	21.7
50	2783	12.7	23.9
55	2504	14.1	26.5
60	2226	15.9	29.8
65	1948	18.2	34.1
70	1670	21.2	39.8

nlbd2 is the name of this model

0	6257	6.3	14.1
5	5944	6.6	14.8
10	5632	7.0	15.6
15	5319	7.4	16.5
20	5006	7.9	17.6
25	4693	8.4	18.7
30	4380	9.0	20.1
35	4067	9.7	21.6
40	3754	10.5	23.4
45	3441	11.5	25.6
50	3129	12.6	28.1
55	2816	14.0	31.2
60	2503	15.8	35.1
65	2190	18.0	40.2
70	1877	21.0	46.9

n3bd2 is the name of this model

0	9003	6.7	12.5
5	8553	7.0	13.1
10	8103	7.4	13.9
15	7652	7.8	14.7
20	7202	8.3	15.6
25	6752	8.9	16.6
30	6302	9.5	17.8
35	5852	10.2	19.2
40	5402	11.1	20.8
45	4952	12.1	22.7
50	4501	13.3	25.0
55	4051	14.8	27.7
60	3601	16.6	31.2
65	3151	19.0	35.7
70	2701	22.2	41.6

nlaf is the name of this model

0	4327	4.7	13.0
5	4111	4.9	13.7
10	3895	5.2	14.5
15	3678	5.5	15.3
20	3462	5.8	16.3
25	3246	6.2	17.4
30	3029	6.6	18.6
35	2813	7.2	20.0
40	2596	7.7	21.7
45	2380	8.5	23.7
50	2164	9.3	26.1
55	1947	10.3	28.9
60	1731	11.6	32.6
65	1515	13.3	37.2
70	1298	15.5	43.5

n3af is the name of this model

0	6329	3.9	10.0
5	6013	4.1	10.5
10	5696	4.3	11.1
15	5380	4.6	11.7
20	5063	4.9	12.4
25	4747	5.2	13.3
30	4430	5.6	14.2
35	4114	6.0	15.3
40	3797	6.5	16.6
45	3481	7.1	18.1
50	3165	7.8	19.9
55	2848	8.6	22.1
60	2532	9.7	24.9
65	2215	11.1	28.5
70	1899	13.0	33.2

nlaf3 is the name of this model

0	3776	4.6	13.0
5	3587	4.9	13.7
10	3399	5.2	14.4
15	3210	5.5	15.3
20	3021	5.8	16.2
25	2832	6.2	17.3
30	2643	6.6	18.5
35	2454	7.1	20.0
40	2266	7.7	21.7
45	2077	8.4	23.6
50	1888	9.3	26.0
55	1699	10.3	28.9
60	1510	11.6	32.5
65	1322	13.2	37.1
70	1133	15.5	43.2

n3af3 is the name of this model

0	5565	3.8	9.8
5	5287	4.0	10.4
10	5009	4.3	10.9
15	4730	4.5	11.6
20	4452	4.8	12.3
25	4174	5.1	13.1
30	3896	5.5	14.1
35	3617	5.9	15.2
40	3339	6.4	16.4
45	3061	7.0	17.9
50	2783	7.7	19.7
55	2504	8.5	21.9
60	2226	9.6	24.6
65	1948	11.0	28.1
70	1670	12.8	32.8

nlaf2 is the name of this model

0	6257	4.7	13.1
5	5944	4.9	13.8
10	5632	5.2	14.6
15	5319	5.5	15.4
20	5006	5.8	16.4
25	4693	6.2	17.5
30	4380	6.7	18.7
35	4067	7.2	20.2
40	3754	7.8	21.8
45	3441	8.5	23.8
50	3129	9.4	26.2
55	2816	10.4	29.1
60	2503	11.7	32.7
65	2190	13.4	37.4
70	1877	15.6	43.7

n3af2 is the name of this model

0	9003	4.0	10.2
5	8553	4.2	10.7
10	8103	4.4	11.3
15	7652	4.7	12.0
20	7202	5.0	12.7
25	6752	5.3	13.6
30	6302	5.7	14.5
35	5852	6.1	15.7
40	5402	6.6	17.0
45	4952	7.2	18.5
50	4501	7.9	20.4
55	4051	8.8	22.6
60	3601	9.9	25.5
65	3151	11.4	29.1
70	2701	13.2	33.9

nlbf is the name of this model

0	4327	5.6	14.4
5	4111	5.9	15.2
10	3895	6.2	16.0
15	3678	6.6	16.9
20	3462	7.0	18.0
25	3246	7.5	19.2
30	3029	8.0	20.6
35	2813	8.7	22.2
40	2596	9.4	24.0
45	2380	10.2	26.2
50	2164	11.3	28.8
55	1947	12.5	32.0
60	1731	14.1	36.0
65	1515	16.1	41.2
70	1298	18.8	48.1

n3bf is the name of this model

0	6329	5.8	12.5
5	6013	6.1	13.2
10	5696	6.5	13.9
15	5380	6.8	14.7
20	5063	7.3	15.7
25	4747	7.7	16.7
30	4430	8.3	17.9
35	4114	8.9	19.3
40	3797	9.7	20.9
45	3481	10.6	22.8
50	3165	11.6	25.0
55	2848	12.9	27.8
60	2532	14.5	31.3
65	2215	16.6	35.8
70	1899	19.4	41.7

nlbf3 is the name of this model

0	3776	5.6	14.3
5	3587	5.9	15.1
10	3399	6.2	15.9
15	3210	6.6	16.9
20	3021	7.0	17.9
25	2832	7.5	19.1
30	2643	8.0	20.5
35	2454	8.6	22.1
40	2266	9.3	23.9
45	2077	10.2	26.1
50	1888	11.2	28.7
55	1699	12.4	31.9
60	1510	14.0	35.9
65	1322	16.0	41.0
70	1133	18.7	47.7

n3bf3 is the name of this model

0	5565	5.7	12.3
5	5287	6.0	13.0
10	5009	6.4	13.7
15	4730	6.7	14.5
20	4452	7.2	15.4
25	4174	7.6	16.5
30	3896	8.2	17.6
35	3617	8.8	19.0
40	3339	9.5	20.6
45	3061	10.4	22.4
50	2783	11.4	24.7
55	2504	12.7	27.5
60	2226	14.3	30.9
65	1948	16.4	35.3
70	1670	19.1	41.2

nlbf2 is the name of this model

0	6257	5.7	14.5
5	5944	6.0	15.3
10	5632	6.3	16.2
15	5319	6.7	17.1
20	5006	7.1	18.2
25	4693	7.6	19.4
30	4380	8.1	20.8
35	4067	8.7	22.4
40	3754	9.5	24.2
45	3441	10.3	26.4
50	3129	11.4	29.1
55	2816	12.6	32.3
60	2503	14.2	36.3
65	2190	16.2	41.6
70	1877	18.9	48.5

n3bf2 is the name of this model

0	9003	6.0	12.9
5	8553	6.3	13.6
10	8103	6.7	14.3
15	7652	7.0	15.2
20	7202	7.5	16.1
25	6752	8.0	17.2
30	6302	8.5	18.4
35	5852	9.2	19.9
40	5402	10.0	21.5
45	4952	10.9	23.5
50	4501	12.0	25.8
55	4051	13.3	28.7
60	3601	15.0	32.3
65	3151	17.1	36.9
70	2701	20.0	43.1