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name: <unnamed>

log: C:\Users\fanwa.BC\Downloads\soc7717\_SurvivalSetup.log

log type: text

opened on: 7 Feb 2019, 10:26:34

. d

Contains data from C:\Users\fanwa.BC\Downloads\hrs.dta

obs: 33,918

vars: 17 4 Feb 2019 18:47

size: 1,187,130

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storage display value

variable name type format label variable label

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hhidpn long %12.0g hhidpn: hhold id + person number /num

deathw12 float %9.0g R dead by wave 12

deathyr float %9.0g R year of death

firstinyr float %9.0g first interview year

bpw2 byte %9.0g had high blood pressure since last wave, wave 2

bpw3 byte %9.0g had high blood pressure since last wave, wave 3

bpw4 byte %9.0g had high blood pressure since last wave, wave 4

bpw5 byte %9.0g had high blood pressure since last wave, wave 5

bpw6 byte %9.0g had high blood pressure since last wave, wave 6

bpw7 byte %9.0g had high blood pressure since last wave, wave 7

bpw8 byte %9.0g had high blood pressure since last wave, wave 8

bpw9 byte %9.0g had high blood pressure since last wave, wave 9

bpw10 byte %9.0g had high blood pressure since last wave, wave 10

bpw11 byte %9.0g had high blood pressure since last wave, wave 11

bpw12 byte %9.0g had high blood pressure since last wave, wave 12

byear float %9.0g year of birth

female float %9.0g female

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Sorted by: hhidpn

. list in 20/30

+-------------------------------------------------------------------------------------------------------------------------------------------+

| hhidpn deathw12 deathyr firsti~r bpw2 bpw3 bpw4 bpw5 bpw6 bpw7 bpw8 bpw9 bpw10 bpw11 bpw12 byear female |

|-------------------------------------------------------------------------------------------------------------------------------------------|

20. | 10090010 1 1994 1992 0 . . . . . . . . . . 1934 1 |

21. | 10097010 1 1995 1992 0 . . . . . . . . . . 1939 0 |

22. | 10097040 0 2015 1992 0 0 0 0 0 0 0 0 0 0 0 1948 1 |

23. | 10099010 0 2015 1992 0 0 0 . 0 0 . . 0 . 1 1932 1 |

24. | 10106010 0 2015 1992 0 0 0 . 0 . . . . 0 0 1931 0 |

|-------------------------------------------------------------------------------------------------------------------------------------------|

25. | 10106020 0 2015 2012 . . . . . . . . . . 0 1933 1 |

26. | 10109020 1 1994 1992 . . . . . . . . . . . 1937 1 |

27. | 10109030 0 2015 1992 . 0 0 0 0 0 0 0 0 0 0 1929 0 |

28. | 10114010 0 2015 1992 0 0 0 0 . . . . . . . 1937 1 |

29. | 10124010 0 2015 1992 0 . 0 0 0 0 . . . . . 1933 1 |

|-------------------------------------------------------------------------------------------------------------------------------------------|

30. | 10124011 0 2015 2000 . . . . . . . . . . . 1900 0 |

+-------------------------------------------------------------------------------------------------------------------------------------------+

. stset deathyr

failure event: (assumed to fail at time=deathyr)

obs. time interval: (0, deathyr]

exit on or before: failure

------------------------------------------------------------------------------

33,918 total observations

0 exclusions

------------------------------------------------------------------------------

33,918 observations remaining, representing

33,918 failures in single-record/single-failure data

68213678 total analysis time at risk and under observation

at risk from t = 0

earliest observed entry t = 0

last observed exit t = 2,015

. sum \_\*

Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

\_st | 33,918 1 0 1 1

\_d | 33,918 1 0 1 1

\_t | 33,918 2011.135 6.336728 1993 2015

\_t0 | 33,918 0 0 0 0

. do "C:\Users\fanwa.BC\AppData\Local\Temp\STD10d0\_000000.tmp"

. drop \_\*

.

end of do-file

. do "C:\Users\fanwa.BC\AppData\Local\Temp\STD10d0\_000000.tmp"

. stset deathyr, failure(deathw12) id(hhidpn)

id: hhidpn

failure event: deathw12 != 0 & deathw12 < .

obs. time interval: (deathyr[\_n-1], deathyr]

exit on or before: failure

------------------------------------------------------------------------------

33,918 total observations

0 exclusions

------------------------------------------------------------------------------

33,918 observations remaining, representing

33,918 subjects

10,716 failures in single-failure-per-subject data

68213678 total analysis time at risk and under observation

at risk from t = 0

earliest observed entry t = 0

last observed exit t = 2,015

.

end of do-file

. do "C:\Users\fanwa.BC\AppData\Local\Temp\STD10d0\_000000.tmp"

. sum \_\*

Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

\_st | 33,918 1 0 1 1

\_d | 33,918 .3159384 .4648954 0 1

\_t | 33,918 2011.135 6.336728 1993 2015

\_t0 | 33,918 0 0 0 0

.

end of do-file

. tab deathw12, m

R dead by |

wave 12 | Freq. Percent Cum.

------------+-----------------------------------

0 | 23,202 68.41 68.41

1 | 10,716 31.59 100.00

------------+-----------------------------------

Total | 33,918 100.00

. do "C:\Users\fanwa.BC\AppData\Local\Temp\STD10d0\_000000.tmp"

. drop \_\*

.

end of do-file

. do "C:\Users\fanwa.BC\AppData\Local\Temp\STD10d0\_000000.tmp"

. stset deathyr, failure(deathw12) id(hhidpn) origin(time byear)

id: hhidpn

failure event: deathw12 != 0 & deathw12 < .

obs. time interval: (deathyr[\_n-1], deathyr]

exit on or before: failure

t for analysis: (time-origin)

origin: time byear

------------------------------------------------------------------------------

33,918 total observations

0 exclusions

------------------------------------------------------------------------------

33,918 observations remaining, representing

33,918 subjects

10,716 failures in single-failure-per-subject data

2,475,491 total analysis time at risk and under observation

at risk from t = 0

earliest observed entry t = 0

last observed exit t = 115

.

end of do-file

. sum \_\*

Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

\_st | 33,918 1 0 1 1

\_d | 33,918 .3159384 .4648954 0 1

\_origin | 33,918 1938.15 15.20826 1890 1995

\_t | 33,918 72.98458 11.98638 20 115

\_t0 | 33,918 0 0 0 0

. do "C:\Users\fanwa.BC\AppData\Local\Temp\STD10d0\_000000.tmp"

. drop \_\*

.

end of do-file

. do "C:\Users\fanwa.BC\AppData\Local\Temp\STD10d0\_000000.tmp"

. stset deathyr, failure(deathw12) id(hhidpn) origin(time byear) enter(time firstinyr)

id: hhidpn

failure event: deathw12 != 0 & deathw12 < .

obs. time interval: (deathyr[\_n-1], deathyr]

enter on or after: time firstinyr

exit on or before: failure

t for analysis: (time-origin)

origin: time byear

------------------------------------------------------------------------------

33,918 total observations

0 exclusions

------------------------------------------------------------------------------

33,918 observations remaining, representing

33,918 subjects

10,716 failures in single-failure-per-subject data

441,292 total analysis time at risk and under observation

at risk from t = 0

earliest observed entry t = 18

last observed exit t = 115

.

end of do-file

. sum \_\*

Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

\_st | 33,918 1 0 1 1

\_d | 33,918 .3159384 .4648954 0 1

\_origin | 33,918 1938.15 15.20826 1890 1995

\_t | 33,918 72.98458 11.98638 20 115

\_t0 | 33,918 59.97403 11.21397 18 103

. do "C:\Users\fanwa.BC\AppData\Local\Temp\STD10d0\_000000.tmp"

. st

-> stset deathyr, id(hhidpn) failure(deathw12) enter(time firstinyr)

origin(time byear)

id: hhidpn

failure event: deathw12 != 0 & deathw12 < .

obs. time interval: (deathyr[\_n-1], deathyr]

enter on or after: time firstinyr

exit on or before: failure

t for analysis: (time-origin)

origin: time byear

.

end of do-file

. do "C:\Users\fanwa.BC\AppData\Local\Temp\STD10d0\_000000.tmp"

. stset

-> stset deathyr, id(hhidpn) failure(deathw12) enter(time firstinyr)

origin(time byear)

id: hhidpn

failure event: deathw12 != 0 & deathw12 < .

obs. time interval: (deathyr[\_n-1], deathyr]

enter on or after: time firstinyr

exit on or before: failure

t for analysis: (time-origin)

origin: time byear

------------------------------------------------------------------------------

33,918 total observations

0 exclusions

------------------------------------------------------------------------------

33,918 observations remaining, representing

33,918 subjects

10,716 failures in single-failure-per-subject data

441,292 total analysis time at risk and under observation

at risk from t = 0

earliest observed entry t = 18

last observed exit t = 115

.

end of do-file

. tab deathw12

R dead by |

wave 12 | Freq. Percent Cum.

------------+-----------------------------------

0 | 23,202 68.41 68.41

1 | 10,716 31.59 100.00

------------+-----------------------------------

Total | 33,918 100.00

. do "C:\Users\fanwa.BC\AppData\Local\Temp\STD10d0\_000000.tmp"

. stsum

failure \_d: deathw12

analysis time \_t: (deathyr-origin)

origin: time byear

enter on or after: time firstinyr

id: hhidpn

| incidence no. of |------ Survival time -----|

| time at risk rate subjects 25% 50% 75%

---------+---------------------------------------------------------------------

total | 441292 .0242832 33918 75 84 91

.

end of do-file

. do "C:\Users\fanwa.BC\AppData\Local\Temp\STD10d0\_000000.tmp"

. stdescribe

failure \_d: deathw12

analysis time \_t: (deathyr-origin)

origin: time byear

enter on or after: time firstinyr

id: hhidpn

|-------------- per subject --------------|

Category total mean min median max

------------------------------------------------------------------------------

no. of subjects 33918

no. of records 33918 1 1 1 1

(first) entry time 59.97403 18 56 103

(final) exit time 72.98458 20 74 115

subjects with gap 0

time on gap if gap 0 . . . .

time at risk 441292 13.01055 1 11 23

failures 10716 .3159384 0 0 1

------------------------------------------------------------------------------

.

end of do-file

. do "C:\Users\fanwa.BC\AppData\Local\Temp\STD10d0\_000000.tmp"

. stptime, by(female)

failure \_d: deathw12

analysis time \_t: (deathyr-origin)

origin: time byear

enter on or after: time firstinyr

id: hhidpn

female | person-time failures rate [95% Conf. Interval]

-----------+-----------------------------------------------------------

0 | 180972 5079 .02806512 .0273038 .0288477

1 | 260320 5637 .02165412 .0210962 .0222268

-----------+-----------------------------------------------------------

total | 441292 10716 .02428324 .0238278 .0247474

.

end of do-file

. do "C:\Users\fanwa.BC\AppData\Local\Temp\STD10d0\_000000.tmp"

. strate female, per(1000)

failure \_d: deathw12

analysis time \_t: (deathyr-origin)

origin: time byear

enter on or after: time firstinyr

id: hhidpn

Estimated rates (per 1000) and lower/upper bounds of 95% confidence intervals

(33918 records included in the analysis)

+-----------------------------------------------------+

| female D Y Rate Lower Upper |

|-----------------------------------------------------|

| 0 5079 180.9720 28.065 27.304 28.848 |

| 1 5637 260.3200 21.654 21.096 22.227 |

+-----------------------------------------------------+

.

end of do-file

. do "C:\Users\fanwa.BC\AppData\Local\Temp\STD10d0\_000000.tmp"

. ltable deathage deathw12

variable deathage not found

r(111);

end of do-file

r(111);

. do "C:\Users\fanwa.BC\AppData\Local\Temp\STD10d0\_000000.tmp"

. gen deathage = deathyr - byear

.

end of do-file

. do "C:\Users\fanwa.BC\AppData\Local\Temp\STD10d0\_000000.tmp"

. ltable deathage deathw12

Beg. Std.

Interval Total Deaths Lost Survival Error [95% Conf. Int.]

-------------------------------------------------------------------------------

20 21 33918 0 1 1.0000 0.0000 . .

23 24 33917 0 2 1.0000 0.0000 . .

27 28 33915 0 1 1.0000 0.0000 . .

30 31 33914 0 2 1.0000 0.0000 . .

31 32 33912 0 3 1.0000 0.0000 . .

32 33 33909 0 3 1.0000 0.0000 . .

33 34 33906 0 4 1.0000 0.0000 . .

34 35 33902 0 4 1.0000 0.0000 . .

35 36 33898 0 5 1.0000 0.0000 . .

36 37 33893 0 8 1.0000 0.0000 . .

37 38 33885 0 6 1.0000 0.0000 . .

38 39 33879 1 9 1.0000 0.0000 0.9998 1.0000

39 40 33869 0 8 1.0000 0.0000 0.9998 1.0000

40 41 33861 0 9 1.0000 0.0000 0.9998 1.0000

41 42 33852 1 15 0.9999 0.0000 0.9998 1.0000

42 43 33836 1 23 0.9999 0.0001 0.9997 1.0000

43 44 33812 0 29 0.9999 0.0001 0.9997 1.0000

44 45 33783 1 21 0.9999 0.0001 0.9997 1.0000

45 46 33761 2 37 0.9998 0.0001 0.9996 0.9999

46 47 33722 1 34 0.9998 0.0001 0.9996 0.9999

47 48 33687 3 47 0.9997 0.0001 0.9994 0.9998

48 49 33637 3 63 0.9996 0.0001 0.9993 0.9998

49 50 33571 5 73 0.9995 0.0001 0.9992 0.9997

50 51 33493 4 85 0.9993 0.0001 0.9990 0.9996

51 52 33404 7 117 0.9991 0.0002 0.9988 0.9994

52 53 33280 16 147 0.9987 0.0002 0.9982 0.9990

53 54 33117 25 163 0.9979 0.0003 0.9973 0.9983

54 55 32929 43 211 0.9966 0.0003 0.9959 0.9972

55 56 32675 58 285 0.9948 0.0004 0.9940 0.9955

56 57 32332 58 820 0.9930 0.0005 0.9920 0.9939

57 58 31454 71 866 0.9907 0.0005 0.9896 0.9917

58 59 30517 96 824 0.9876 0.0006 0.9863 0.9887

59 60 29597 97 829 0.9843 0.0007 0.9829 0.9856

60 61 28671 104 810 0.9807 0.0008 0.9791 0.9822

61 62 27757 131 790 0.9760 0.0009 0.9742 0.9776

62 63 26836 121 752 0.9715 0.0010 0.9696 0.9733

63 64 25963 143 813 0.9661 0.0011 0.9639 0.9681

64 65 25007 141 709 0.9606 0.0012 0.9582 0.9628

65 66 24157 184 748 0.9531 0.0013 0.9506 0.9555

66 67 23225 145 737 0.9471 0.0014 0.9443 0.9497

67 68 22343 206 679 0.9382 0.0015 0.9352 0.9410

68 69 21458 197 557 0.9295 0.0016 0.9263 0.9325

69 70 20704 188 544 0.9209 0.0017 0.9175 0.9242

70 71 19972 181 441 0.9125 0.0018 0.9089 0.9159

71 72 19350 229 464 0.9016 0.0019 0.8978 0.9052

72 73 18657 258 526 0.8889 0.0020 0.8849 0.8928

73 74 17873 285 574 0.8745 0.0022 0.8702 0.8787

74 75 17014 285 793 0.8595 0.0023 0.8549 0.8640

75 76 15936 301 760 0.8429 0.0025 0.8380 0.8476

76 77 14875 291 720 0.8260 0.0026 0.8208 0.8310

77 78 13864 343 704 0.8050 0.0028 0.7995 0.8104

78 79 12817 337 690 0.7833 0.0029 0.7774 0.7890

79 80 11790 352 614 0.7593 0.0031 0.7531 0.7653

80 81 10824 372 592 0.7324 0.0033 0.7259 0.7388

81 82 9860 349 558 0.7057 0.0035 0.6989 0.7125

82 83 8953 414 454 0.6723 0.0037 0.6650 0.6794

83 84 8085 367 466 0.6408 0.0039 0.6332 0.6483

84 85 7252 395 451 0.6048 0.0040 0.5968 0.6127

85 86 6406 396 354 0.5664 0.0042 0.5580 0.5746

86 87 5656 372 284 0.5282 0.0044 0.5195 0.5367

87 88 5000 389 292 0.4858 0.0045 0.4769 0.4947

88 89 4319 376 257 0.4422 0.0046 0.4331 0.4513

89 90 3686 355 240 0.3982 0.0047 0.3889 0.4075

90 91 3091 351 179 0.3516 0.0048 0.3423 0.3610

91 92 2561 298 173 0.3093 0.0048 0.2999 0.3187

92 93 2090 257 141 0.2699 0.0048 0.2606 0.2793

93 94 1692 266 132 0.2258 0.0047 0.2166 0.2350

94 95 1294 160 107 0.1967 0.0046 0.1877 0.2058

95 96 1027 162 96 0.1641 0.0045 0.1554 0.1731

96 97 769 145 77 0.1315 0.0044 0.1232 0.1402

97 98 547 96 45 0.1075 0.0042 0.0994 0.1158

98 99 406 86 38 0.0836 0.0040 0.0760 0.0916

99 100 282 61 32 0.0644 0.0037 0.0573 0.0720

100 101 189 44 19 0.0486 0.0035 0.0421 0.0558

101 102 126 29 10 0.0370 0.0033 0.0310 0.0438

102 103 87 26 10 0.0252 0.0029 0.0200 0.0315

103 104 51 16 7 0.0167 0.0026 0.0122 0.0225

104 105 28 7 6 0.0121 0.0024 0.0080 0.0175

105 106 15 6 0 0.0072 0.0021 0.0040 0.0124

106 107 9 1 1 0.0064 0.0020 0.0033 0.0114

107 108 7 2 0 0.0046 0.0018 0.0020 0.0094

108 109 5 1 0 0.0036 0.0017 0.0014 0.0083

109 110 4 1 0 0.0027 0.0015 0.0009 0.0072

112 113 3 1 0 0.0018 0.0012 0.0004 0.0060

115 116 2 0 2 0.0018 0.0012 0.0004 0.0060

-------------------------------------------------------------------------------

.

end of do-file

. do "C:\Users\fanwa.BC\AppData\Local\Temp\STD10d0\_000000.tmp"

. ltable deathage deathw12, interval(10)

Beg. Std.

Interval Total Deaths Lost Survival Error [95% Conf. Int.]

-------------------------------------------------------------------------------

20 30 33918 0 4 1.0000 0.0000 . .

30 40 33914 1 52 1.0000 0.0000 0.9998 1.0000

40 50 33861 17 351 0.9995 0.0001 0.9992 0.9997

50 60 33493 475 4347 0.9843 0.0007 0.9829 0.9856

60 70 28671 1560 7139 0.9231 0.0016 0.9199 0.9263

70 80 19972 2862 6286 0.7661 0.0030 0.7602 0.7720

80 90 10824 3785 3948 0.4385 0.0044 0.4299 0.4470

90 100 3091 1882 1020 0.1188 0.0040 0.1110 0.1268

100 110 189 133 53 0.0216 0.0037 0.0152 0.0297

110 120 3 1 2 0.0108 0.0078 0.0020 0.0366

-------------------------------------------------------------------------------

.

end of do-file

. do "C:\Users\fanwa.BC\AppData\Local\Temp\STD10d0\_000000.tmp"

. ltable deathage deathw12, hazard

Beg. Cum. Std. Std.

Interval Total Failure Error Hazard Error [95% Conf. Int.]

-------------------------------------------------------------------------------

20 21 33918 0.0000 0.0000 0.0000 . . .

23 24 33917 0.0000 0.0000 0.0000 . . .

27 28 33915 0.0000 0.0000 0.0000 . . .

30 31 33914 0.0000 0.0000 0.0000 . . .

31 32 33912 0.0000 0.0000 0.0000 . . .

32 33 33909 0.0000 0.0000 0.0000 . . .

33 34 33906 0.0000 0.0000 0.0000 . . .

34 35 33902 0.0000 0.0000 0.0000 . . .

35 36 33898 0.0000 0.0000 0.0000 . . .

36 37 33893 0.0000 0.0000 0.0000 . . .

37 38 33885 0.0000 0.0000 0.0000 . . .

38 39 33879 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001

39 40 33869 0.0000 0.0000 0.0000 . . .

40 41 33861 0.0000 0.0000 0.0000 . . .

41 42 33852 0.0001 0.0000 0.0000 0.0000 0.0000 0.0001

42 43 33836 0.0001 0.0001 0.0000 0.0000 0.0000 0.0001

43 44 33812 0.0001 0.0001 0.0000 . . .

44 45 33783 0.0001 0.0001 0.0000 0.0000 0.0000 0.0001

45 46 33761 0.0002 0.0001 0.0001 0.0000 0.0000 0.0001

46 47 33722 0.0002 0.0001 0.0000 0.0000 0.0000 0.0001

47 48 33687 0.0003 0.0001 0.0001 0.0001 0.0000 0.0002

48 49 33637 0.0004 0.0001 0.0001 0.0001 0.0000 0.0002

49 50 33571 0.0005 0.0001 0.0001 0.0001 0.0000 0.0003

50 51 33493 0.0007 0.0001 0.0001 0.0001 0.0000 0.0002

51 52 33404 0.0009 0.0002 0.0002 0.0001 0.0001 0.0004

52 53 33280 0.0013 0.0002 0.0005 0.0001 0.0002 0.0007

53 54 33117 0.0021 0.0003 0.0008 0.0002 0.0005 0.0011

54 55 32929 0.0034 0.0003 0.0013 0.0002 0.0009 0.0017

55 56 32675 0.0052 0.0004 0.0018 0.0002 0.0013 0.0022

56 57 32332 0.0070 0.0005 0.0018 0.0002 0.0014 0.0023

57 58 31454 0.0093 0.0005 0.0023 0.0003 0.0018 0.0028

58 59 30517 0.0124 0.0006 0.0032 0.0003 0.0026 0.0038

59 60 29597 0.0157 0.0007 0.0033 0.0003 0.0027 0.0040

60 61 28671 0.0193 0.0008 0.0037 0.0004 0.0030 0.0044

61 62 27757 0.0240 0.0009 0.0048 0.0004 0.0040 0.0056

62 63 26836 0.0285 0.0010 0.0046 0.0004 0.0038 0.0054

63 64 25963 0.0339 0.0011 0.0056 0.0005 0.0047 0.0065

64 65 25007 0.0394 0.0012 0.0057 0.0005 0.0048 0.0067

65 66 24157 0.0469 0.0013 0.0078 0.0006 0.0066 0.0089

66 67 23225 0.0529 0.0014 0.0064 0.0005 0.0053 0.0074

67 68 22343 0.0618 0.0015 0.0094 0.0007 0.0081 0.0107

68 69 21458 0.0705 0.0016 0.0093 0.0007 0.0080 0.0106

69 70 20704 0.0791 0.0017 0.0092 0.0007 0.0079 0.0106

70 71 19972 0.0875 0.0018 0.0092 0.0007 0.0079 0.0105

71 72 19350 0.0984 0.0019 0.0121 0.0008 0.0105 0.0136

72 73 18657 0.1111 0.0020 0.0141 0.0009 0.0124 0.0158

73 74 17873 0.1255 0.0022 0.0163 0.0010 0.0144 0.0182

74 75 17014 0.1405 0.0023 0.0173 0.0010 0.0153 0.0193

75 76 15936 0.1571 0.0025 0.0195 0.0011 0.0173 0.0217

76 77 14875 0.1740 0.0026 0.0203 0.0012 0.0179 0.0226

77 78 13864 0.1950 0.0028 0.0257 0.0014 0.0230 0.0284

78 79 12817 0.2167 0.0029 0.0274 0.0015 0.0245 0.0303

79 80 11790 0.2407 0.0031 0.0311 0.0017 0.0279 0.0344

80 81 10824 0.2676 0.0033 0.0360 0.0019 0.0323 0.0396

81 82 9860 0.2943 0.0035 0.0371 0.0020 0.0332 0.0410

82 83 8953 0.3277 0.0037 0.0486 0.0024 0.0439 0.0533

83 84 8085 0.3592 0.0039 0.0479 0.0025 0.0430 0.0528

84 85 7252 0.3952 0.0040 0.0578 0.0029 0.0521 0.0635

85 86 6406 0.4336 0.0042 0.0657 0.0033 0.0592 0.0721

86 87 5656 0.4718 0.0044 0.0698 0.0036 0.0627 0.0769

87 88 5000 0.5142 0.0045 0.0835 0.0042 0.0752 0.0918

88 89 4319 0.5578 0.0046 0.0939 0.0048 0.0845 0.1034

89 90 3686 0.6018 0.0047 0.1048 0.0056 0.0939 0.1156

90 91 3091 0.6484 0.0048 0.1242 0.0066 0.1112 0.1372

91 92 2561 0.6907 0.0048 0.1281 0.0074 0.1136 0.1427

92 93 2090 0.7301 0.0048 0.1359 0.0085 0.1193 0.1525

93 94 1692 0.7742 0.0047 0.1782 0.0109 0.1568 0.1995

94 95 1294 0.8033 0.0046 0.1379 0.0109 0.1166 0.1592

95 96 1027 0.8359 0.0045 0.1804 0.0141 0.1527 0.2081

96 97 769 0.8685 0.0044 0.2204 0.0182 0.1847 0.2560

97 98 547 0.8925 0.0042 0.2015 0.0205 0.1614 0.2416

98 99 406 0.9164 0.0040 0.2500 0.0267 0.1976 0.3024

99 100 282 0.9356 0.0037 0.2590 0.0329 0.1946 0.3235

100 101 189 0.9514 0.0035 0.2794 0.0417 0.1976 0.3611

101 102 126 0.9630 0.0033 0.2723 0.0501 0.1741 0.3705

102 103 87 0.9748 0.0029 0.3768 0.0726 0.2346 0.5191

103 104 51 0.9833 0.0026 0.4051 0.0992 0.2107 0.5994

104 105 28 0.9879 0.0024 0.3256 0.1214 0.0876 0.5636

105 106 15 0.9928 0.0021 0.5000 0.1976 0.1126 0.8874

106 107 9 0.9936 0.0020 0.1250 0.1248 0.0000 0.3695

107 108 7 0.9954 0.0018 0.3333 0.2324 0.0000 0.7888

108 109 5 0.9964 0.0017 0.2222 0.2208 0.0000 0.6551

109 110 4 0.9973 0.0015 0.2857 0.2828 0.0000 0.8400

112 113 3 0.9982 0.0012 0.4000 0.3919 0.0000 1.1681

115 116 2 0.9982 0.0012 0.0000 . . .

-------------------------------------------------------------------------------

.

end of do-file

. do "C:\Users\fanwa.BC\AppData\Local\Temp\STD10d0\_000000.tmp"

. ltable deathage deathw12, graph b1("Survivor function (life table)")

Beg. Std.

Interval Total Deaths Lost Survival Error [95% Conf. Int.]

-------------------------------------------------------------------------------

20 21 33918 0 1 1.0000 0.0000 . .

23 24 33917 0 2 1.0000 0.0000 . .

27 28 33915 0 1 1.0000 0.0000 . .

30 31 33914 0 2 1.0000 0.0000 . .

31 32 33912 0 3 1.0000 0.0000 . .

32 33 33909 0 3 1.0000 0.0000 . .

33 34 33906 0 4 1.0000 0.0000 . .

34 35 33902 0 4 1.0000 0.0000 . .

35 36 33898 0 5 1.0000 0.0000 . .

36 37 33893 0 8 1.0000 0.0000 . .

37 38 33885 0 6 1.0000 0.0000 . .

38 39 33879 1 9 1.0000 0.0000 0.9998 1.0000

39 40 33869 0 8 1.0000 0.0000 0.9998 1.0000

40 41 33861 0 9 1.0000 0.0000 0.9998 1.0000

41 42 33852 1 15 0.9999 0.0000 0.9998 1.0000

42 43 33836 1 23 0.9999 0.0001 0.9997 1.0000

43 44 33812 0 29 0.9999 0.0001 0.9997 1.0000

44 45 33783 1 21 0.9999 0.0001 0.9997 1.0000

45 46 33761 2 37 0.9998 0.0001 0.9996 0.9999

46 47 33722 1 34 0.9998 0.0001 0.9996 0.9999

47 48 33687 3 47 0.9997 0.0001 0.9994 0.9998

48 49 33637 3 63 0.9996 0.0001 0.9993 0.9998

49 50 33571 5 73 0.9995 0.0001 0.9992 0.9997

50 51 33493 4 85 0.9993 0.0001 0.9990 0.9996

51 52 33404 7 117 0.9991 0.0002 0.9988 0.9994

52 53 33280 16 147 0.9987 0.0002 0.9982 0.9990

53 54 33117 25 163 0.9979 0.0003 0.9973 0.9983

54 55 32929 43 211 0.9966 0.0003 0.9959 0.9972

55 56 32675 58 285 0.9948 0.0004 0.9940 0.9955

56 57 32332 58 820 0.9930 0.0005 0.9920 0.9939

57 58 31454 71 866 0.9907 0.0005 0.9896 0.9917

58 59 30517 96 824 0.9876 0.0006 0.9863 0.9887

59 60 29597 97 829 0.9843 0.0007 0.9829 0.9856

60 61 28671 104 810 0.9807 0.0008 0.9791 0.9822

61 62 27757 131 790 0.9760 0.0009 0.9742 0.9776

62 63 26836 121 752 0.9715 0.0010 0.9696 0.9733

63 64 25963 143 813 0.9661 0.0011 0.9639 0.9681

64 65 25007 141 709 0.9606 0.0012 0.9582 0.9628

65 66 24157 184 748 0.9531 0.0013 0.9506 0.9555

66 67 23225 145 737 0.9471 0.0014 0.9443 0.9497

67 68 22343 206 679 0.9382 0.0015 0.9352 0.9410

68 69 21458 197 557 0.9295 0.0016 0.9263 0.9325

69 70 20704 188 544 0.9209 0.0017 0.9175 0.9242

70 71 19972 181 441 0.9125 0.0018 0.9089 0.9159

71 72 19350 229 464 0.9016 0.0019 0.8978 0.9052

72 73 18657 258 526 0.8889 0.0020 0.8849 0.8928

73 74 17873 285 574 0.8745 0.0022 0.8702 0.8787

74 75 17014 285 793 0.8595 0.0023 0.8549 0.8640

75 76 15936 301 760 0.8429 0.0025 0.8380 0.8476

76 77 14875 291 720 0.8260 0.0026 0.8208 0.8310

77 78 13864 343 704 0.8050 0.0028 0.7995 0.8104

78 79 12817 337 690 0.7833 0.0029 0.7774 0.7890

79 80 11790 352 614 0.7593 0.0031 0.7531 0.7653

80 81 10824 372 592 0.7324 0.0033 0.7259 0.7388

81 82 9860 349 558 0.7057 0.0035 0.6989 0.7125

82 83 8953 414 454 0.6723 0.0037 0.6650 0.6794

83 84 8085 367 466 0.6408 0.0039 0.6332 0.6483

84 85 7252 395 451 0.6048 0.0040 0.5968 0.6127

85 86 6406 396 354 0.5664 0.0042 0.5580 0.5746

86 87 5656 372 284 0.5282 0.0044 0.5195 0.5367

87 88 5000 389 292 0.4858 0.0045 0.4769 0.4947

88 89 4319 376 257 0.4422 0.0046 0.4331 0.4513

89 90 3686 355 240 0.3982 0.0047 0.3889 0.4075

90 91 3091 351 179 0.3516 0.0048 0.3423 0.3610

91 92 2561 298 173 0.3093 0.0048 0.2999 0.3187

92 93 2090 257 141 0.2699 0.0048 0.2606 0.2793

93 94 1692 266 132 0.2258 0.0047 0.2166 0.2350

94 95 1294 160 107 0.1967 0.0046 0.1877 0.2058

95 96 1027 162 96 0.1641 0.0045 0.1554 0.1731

96 97 769 145 77 0.1315 0.0044 0.1232 0.1402

97 98 547 96 45 0.1075 0.0042 0.0994 0.1158

98 99 406 86 38 0.0836 0.0040 0.0760 0.0916

99 100 282 61 32 0.0644 0.0037 0.0573 0.0720

100 101 189 44 19 0.0486 0.0035 0.0421 0.0558

101 102 126 29 10 0.0370 0.0033 0.0310 0.0438

102 103 87 26 10 0.0252 0.0029 0.0200 0.0315

103 104 51 16 7 0.0167 0.0026 0.0122 0.0225

104 105 28 7 6 0.0121 0.0024 0.0080 0.0175

105 106 15 6 0 0.0072 0.0021 0.0040 0.0124

106 107 9 1 1 0.0064 0.0020 0.0033 0.0114

107 108 7 2 0 0.0046 0.0018 0.0020 0.0094

108 109 5 1 0 0.0036 0.0017 0.0014 0.0083

109 110 4 1 0 0.0027 0.0015 0.0009 0.0072

112 113 3 1 0 0.0018 0.0012 0.0004 0.0060

115 116 2 0 2 0.0018 0.0012 0.0004 0.0060

-------------------------------------------------------------------------------

.

end of do-file

. do "C:\Users\fanwa.BC\AppData\Local\Temp\STD10d0\_000000.tmp"

. sts list

failure \_d: deathw12

analysis time \_t: (deathyr-origin)

origin: time byear

enter on or after: time firstinyr

id: hhidpn

Beg. Net Survivor Std.

Time Total Fail Lost Function Error [95% Conf. Int.]

-------------------------------------------------------------------------------

18 0 0 -1 1.0000 . . .

19 1 0 -1 1.0000 . . .

20 2 0 1 1.0000 . . .

22 1 0 -2 1.0000 . . .

24 3 0 -3 1.0000 . . .

25 6 0 -7 1.0000 . . .

26 13 0 -4 1.0000 . . .

27 17 0 -2 1.0000 . . .

28 19 0 -7 1.0000 . . .

29 26 0 -9 1.0000 . . .

30 35 0 -9 1.0000 . . .

31 44 0 -14 1.0000 . . .

32 58 0 -17 1.0000 . . .

33 75 0 -16 1.0000 . . .

34 91 0 -23 1.0000 . . .

35 114 0 -25 1.0000 . . .

36 139 0 -40 1.0000 . . .

37 179 0 -38 1.0000 . . .

38 217 1 -66 0.9954 0.0046 0.9677 0.9993

39 282 0 -70 0.9954 0.0046 0.9677 0.9993

40 352 0 -81 0.9954 0.0046 0.9677 0.9993

41 433 1 -77 0.9931 0.0051 0.9706 0.9984

42 509 1 -112 0.9911 0.0055 0.9704 0.9974

43 620 0 -144 0.9911 0.0055 0.9704 0.9974

44 764 1 -196 0.9898 0.0056 0.9701 0.9966

45 959 2 -227 0.9878 0.0058 0.9692 0.9952

46 1184 1 -296 0.9869 0.0059 0.9687 0.9946

47 1479 3 -343 0.9849 0.0060 0.9674 0.9931

48 1819 3 -415 0.9833 0.0060 0.9663 0.9918

49 2231 5 -556 0.9811 0.0061 0.9646 0.9900

50 2782 4 -712 0.9797 0.0061 0.9634 0.9888

51 3490 7 -2406 0.9777 0.0061 0.9618 0.9871

52 5889 16 -2437 0.9751 0.0062 0.9596 0.9847

53 8310 25 -2196 0.9722 0.0062 0.9571 0.9820

54 10481 43 -2096 0.9682 0.0062 0.9535 0.9783

55 12534 58 -1943 0.9637 0.0062 0.9494 0.9740

56 14419 58 -1183 0.9598 0.0062 0.9457 0.9703

57 15544 71 -190 0.9554 0.0062 0.9416 0.9660

58 15663 96 -253 0.9496 0.0062 0.9360 0.9603

59 15820 97 -75 0.9437 0.0062 0.9303 0.9546

60 15798 104 -159 0.9375 0.0061 0.9243 0.9485

61 15853 131 -93 0.9298 0.0061 0.9167 0.9409

62 15815 121 315 0.9227 0.0061 0.9098 0.9338

63 15379 143 517 0.9141 0.0061 0.9013 0.9253

64 14719 141 447 0.9053 0.0061 0.8927 0.9166

65 14131 184 481 0.8935 0.0061 0.8810 0.9048

66 13466 145 533 0.8839 0.0061 0.8715 0.8952

67 12788 206 448 0.8697 0.0060 0.8573 0.8810

68 12134 197 45 0.8556 0.0060 0.8433 0.8669

69 11892 188 45 0.8420 0.0060 0.8299 0.8534

70 11659 181 -354 0.8290 0.0060 0.8169 0.8404

71 11832 229 -420 0.8129 0.0060 0.8009 0.8243

72 12023 258 -307 0.7955 0.0059 0.7835 0.8068

73 12072 285 -176 0.7767 0.0059 0.7649 0.7880

74 11963 285 62 0.7582 0.0059 0.7465 0.7695

75 11616 301 301 0.7385 0.0058 0.7269 0.7498

76 11014 291 318 0.7190 0.0058 0.7075 0.7302

77 10405 343 325 0.6953 0.0057 0.6839 0.7064

78 9737 337 351 0.6713 0.0057 0.6600 0.6823

79 9049 352 279 0.6452 0.0056 0.6340 0.6561

80 8418 372 234 0.6166 0.0056 0.6056 0.6275

81 7812 349 223 0.5891 0.0055 0.5782 0.5998

82 7240 414 177 0.5554 0.0054 0.5447 0.5660

83 6649 367 226 0.5248 0.0054 0.5142 0.5352

84 6056 395 213 0.4905 0.0053 0.4801 0.5008

85 5448 396 155 0.4549 0.0052 0.4447 0.4650

86 4897 372 123 0.4203 0.0051 0.4103 0.4303

87 4402 389 164 0.3832 0.0050 0.3734 0.3929

88 3849 376 149 0.3457 0.0049 0.3362 0.3553

89 3324 355 153 0.3088 0.0047 0.2996 0.3181

90 2816 351 101 0.2703 0.0046 0.2614 0.2793

91 2364 298 135 0.2362 0.0044 0.2277 0.2449

92 1931 257 106 0.2048 0.0042 0.1966 0.2131

93 1568 266 97 0.1701 0.0040 0.1623 0.1780

94 1205 160 86 0.1475 0.0039 0.1400 0.1551

95 959 162 79 0.1226 0.0037 0.1155 0.1299

96 718 145 58 0.0978 0.0035 0.0912 0.1047

97 515 96 38 0.0796 0.0033 0.0733 0.0862

98 381 86 26 0.0616 0.0031 0.0558 0.0678

99 269 61 28 0.0476 0.0028 0.0423 0.0534

100 180 44 15 0.0360 0.0026 0.0311 0.0414

101 121 29 7 0.0274 0.0024 0.0229 0.0325

102 85 26 10 0.0190 0.0022 0.0151 0.0236

103 49 16 5 0.0128 0.0019 0.0094 0.0171

104 28 7 6 0.0096 0.0018 0.0066 0.0136

105 15 6 0 0.0058 0.0016 0.0032 0.0097

106 9 1 1 0.0051 0.0016 0.0027 0.0090

107 7 2 0 0.0037 0.0014 0.0016 0.0074

108 5 1 0 0.0029 0.0013 0.0011 0.0066

109 4 1 0 0.0022 0.0012 0.0007 0.0057

112 3 1 0 0.0015 0.0010 0.0003 0.0048

115 2 0 2 0.0015 0.0010 0.0003 0.0048

-------------------------------------------------------------------------------

.

end of do-file

. do "C:\Users\fanwa.BC\AppData\Local\Temp\STD10d0\_000000.tmp"

. sts list, failure at(5) //cumulative distribution function F(t) based on KM

failure \_d: deathw12

analysis time \_t: (deathyr-origin)

origin: time byear

enter on or after: time firstinyr

id: hhidpn

Beg. Failure Std.

Time Total Fail Function Error [95% Conf. Int.]

-------------------------------------------------------------------------------

18 0 0 0.0000 . . .

50 2782 22 0.0203 0.0061 0.0112 0.0366

82 7240 6028 0.4446 0.0054 0.4340 0.4553

114 3 4666 0.9985 0.0010 0.9952 0.9997

146 2 0 . . . .

-------------------------------------------------------------------------------

Note: Failure function is calculated over full data and evaluated at indicated

times; it is not calculated from aggregates shown at left.

.

end of do-file

. do "C:\Users\fanwa.BC\AppData\Local\Temp\STD10d0\_000000.tmp"

. sts list, by(female) compare

failure \_d: deathw12

analysis time \_t: (deathyr-origin)

origin: time byear

enter on or after: time firstinyr

id: hhidpn

Survivor Function

female 0 1

----------------------------------

time 18 1.0000 1.0000

30 1.0000 1.0000

42 1.0000 0.9892

54 0.9717 0.9683

66 0.8658 0.9008

78 0.6152 0.7201

90 0.2083 0.3220

102 0.0096 0.0262

114 0.0029 .

126 . .

----------------------------------

.

end of do-file

. do "C:\Users\fanwa.BC\AppData\Local\Temp\STD10d0\_000000.tmp"

. sts graph, by(female) censored(number)

failure \_d: deathw12

analysis time \_t: (deathyr-origin)

origin: time byear

enter on or after: time firstinyr

id: hhidpn

.

end of do-file

. do "C:\Users\fanwa.BC\AppData\Local\Temp\STD10d0\_000000.tmp"

. sts graph, by(female)

failure \_d: deathw12

analysis time \_t: (deathyr-origin)

origin: time byear

enter on or after: time firstinyr

id: hhidpn

.

end of do-file

. log close

name: <unnamed>

log: C:\Users\fanwa.BC\Downloads\soc7717\_SurvivalSetup.log

log type: text

closed on: 7 Feb 2019, 11:46:28

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