|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | | agefx | | | | |
| epochs |  | 50s | 60s | 70s | 80s | 90s |
| 1948-1976 | 16/37398=  0.0004 | 24/27148=  0.0009 | 36/10002=  0.0036 | 14/1042=  0.0134 | 0/0 |
| 1977-1985 | 1/695=  0.0014 | 20/9596=  0.0021 | 39/7439=  0.0052 | 68/2983=  0.0228 | 10/156=  0.0641 |
| 1986-1991 | 0/0 | 0/999=  0 | 22/5406=  0.0041 | 42/2037=  0.0206 | 14/341=  0.0411 |
| 1992-2003 | 0/0 | 0/1=  0 | 25/2769=  0.009 | 91/4905=  0.0186 | 31/784=  0.0395 |
| 2004-2010 | 0/0 | 0/0 | 0/0 | 18/558=  0.0323 | 16/525=  0.0305 |

**Framingham**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| male | | agefx | | | | |
| epochs |  | 50s | 60s | 70s | 80s | 90s |
| 1948-1976 | 8/16570=  0.0005 | 3/11493=  0.0003 | 7/3920=  0.0018 | 2/292=  0.0068 | 0/0 |
| 1977-1985 | 0/301=  0 | 4/4090=  0.001 | 10/2842=  0.0035 | 12/979=0.0123 | 0/31=  0 |
| 1986-1991 | 0/0 | 0/404=  0 | 5/2079=  0.0024 | 8/668=  0.012 | 4/88=  0.0455 |
| 1992-2003 | 0/0 | 0/0 | 4/1019=  0.0039 | 17/1602=0.0106 | 7/186=  0.0376 |
| 2004-2010 | 0/0 | 0/0 | 0/0 | 3/187=  0.016 | 6/140=  0.0429 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| female | | agefx | | | | |
| epochs |  | 50s | 60s | 70s | 80s | 90s |
| 1948-1976 | 8/20828=  0.0004 | 21/15655=  0.0013 | 29/6102=  0.0048 | 12/750=  0.016 | 0/0 |
| 1977-1985 | 1/394=  0.0025 | 16/5506=  0.0029 | 29/4597=  0.0063 | 56/2004=  0.0279 | 10/125=0.08 |
| 1986-1991 | 0/0 | 0/595=  0 | 17/3327=  0.0051 | 34/1369=  0.0248 | 10/253=0.0395 |
| 1992-2003 | 0/0 | 0/1=  0 | 21/1750=  0.012 | 74/3303=  0.0224 | 24/598=0.0401 |
| 2004-2010 | 0/0 | 0/0 | 0/0 | 15/371=  0.0404 | 10/385=0.026 |

**Fram**

| **Decade** | **50-59** | **60-69** | **70-79** | **80-89** | **90-99** |
| --- | --- | --- | --- | --- | --- |
| 1950-1959 | 0.00022 | 0.00111 |  |  |  |
| 1960-1969 | 0.00051 | 0.00075 | 0.00321 | 0.07692 |  |
| 1970-1979 | 0.00076 | 0.00132 | 0.00437 | 0.01911 |  |
| 1980-1989 |  | 0.00167 | 0.00456 | 0.02246 | 0.05962 |
| 1990-1999 |  |  | 0.00741 | 0.01839 | 0.03839 |
| 2000-2009 |  |  |  | 0.02111 | 0.03086 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| offspring | | agefx | | | | |
| decade |  | 50s | 60s | 70s | 80s | 90s |
| 1948-1959 | 0/0 | 0/0 | 0/0 | 0/0 | 0/0 |
| 1960-1969 | 0/0 | 0/0 | 0/0 | 0/0 | 0/0 |
| 1970-1979 | 2/5095=  4e-04 | 0/452=  0 | 0/11=  0 | 0/0 | 0/0 |
| 1980-1989 | 5/12297=  4e-04 | 4/5373=  7e-04 | 0/409=  0 | 0/3=  0 | 0/0 |
| 1990-1999 | 2/14137=  1e-04 | 10/10816=  9e-04 | 14/4180=  0.0033 | 5/223=  0.0224 | 0/0 |
| 2000-2010 | 7/9566=  7e-04 | 10/13248=  8e-04 | 18/8423=  0.0021 | 17/2209=0.0077 | 0/46=  0 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Fram+offspring | | agefx | | | | |
| decade |  | 50s | 60s | 70s | 80s | 90s |
| 1948-1959 | 3/14510=  2e-04 | 7/6302=  0.0011 | 0/29=  0 | 0/0 | 0/0 |
| 1960-1969 | 8/15658=  5e-04 | 9/12009=  7e-04 | 14/4367=  0.0032 | 1/13=  0.0769 | 0/0 |
| 1970-1979 | 8/13010=  6e-04 | 17/13309=  0.0013 | 35/8024=  0.0044 | 38/1989=0.0191 | 0/2=0 |
| 1980-1989 | 5/12307=  4e-04 | 15/11941=  0.0013 | 40/9181=  0.0044 | 75/3342=0.0224 | 22/369=0.0596 |
| 1990-1999 | 2/14137=  1e-04 | 10/10824=  9e-04 | 47/8632=  0.0054 | 83/4465=0.0186 | 21/551=0.0381 |
| 2000-2010 | 7/9566=  7e-04 | 10/13248=  8e-04 | 18/8426=  0.0021 | 58/4151=0.014 | 28/930=0.0301 |

Fram+offspring

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Male=1 | | agefx | | | | |
| decade |  | 50’s | 60’s | 70’s | 80’s | 90’s |
| 1948-1959 | 1/6424=2e-04 | 1/2693=4e-04 | 0/11=0 | 0/0=NaN | 0/0=NaN |
| 1960-1969 | 3/6869=4e-04 | 2/5093=4e-04 | 2/1690=0.0012 | 0/2=0 | 0/0=NaN |
| 1970-1979 | 6/6176=0.001 | 0/5666=0 | 8/3153=0.0025 | 5/593=0.0084 | 0/0=NaN |
| 1980-1989 | 1/5963=2e-04 | 5/5527=9e-04 | 11/3571=0.0031 | 14/1125=0.0124 | 4/90=0.0444 |
| 1990-1999 | 0/6576=0 | 4/5145=8e-04 | 8/3589=0.0022 | 18/1477=0.0122 | 16/422=0.0379 |
| 2000-2010 | 3/4118=7e-04 | 1/6010=2e-04 | 6/3721=0.0016 | 13/1576=0.0082 | 20/696=0.0287 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Female=2 | | agefx | | | | |
| decade |  | 50’s | 60’s | 70’s | 80’s | 90’s |
| 1948-1959 | 2/8086=2e-04 | 6/3609=0.0017 | 0/18=0 | 0/0 | 0/0 |
| 1960-1969 | 5/8789=6e-04 | 7/6916=0.001 | 12/2677=0.0045 | 1/11=0.0909 | 0/0 |
| 1970-1979 | 2/6834=3e-04 | 17/7643=0.0022 | 27/4871=0.0055 | 33/1396=0.0236 | 0/2=0 |
| 1980-1989 | 4/6344=6e-04 | 10/6414=0.0016 | 29/5610=0.0052 | 61/2217=0.0275 | 18/279=0.0645 |
| 1990-1999 | 2/7561=3e-04 | 6/5679=0.0011 | 39/5043=0.0077 | 65/2988=0.0218 | 16/422=0.0379 |
| 2000-2010 | 4/5448=7e-04 | 9/7238=0.0012 | 12/4705=0.0026 | 45/2575=0.0175 | 20/696=0.0287 |

| **V1** | | **V2** | | **V3** | | **V4** | | **V5** | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | |  | |  | |  | |  |
| **1** | 1/6424=2e-04 | | 1/2693=4e-04 | | 0/11=0 | | 0/0=NaN | | 0/0=NaN |
| **2** | 3/6869=4e-04 | | 2/5093=4e-04 | | 2/1690=0.0012 | | 0/2=0 | | 0/0=NaN |
| **3** | 6/6176=0.001 | | 0/5666=0 | | 8/3153=0.0025 | | 5/593=0.0084 | | 0/0=NaN |
| **4** | 1/5963=2e-04 | | 5/5527=9e-04 | | 11/3571=0.0031 | | 14/1125=0.0124 | | 4/90=0.0444 |
| **5** | 0/6576=0 | | 4/5145=8e-04 | | 8/3589=0.0022 | | 18/1477=0.0122 | | 16/422=0.0379 |
| **6** | 3/4118=7e-04 | | 1/6010=2e-04 | | 6/3721=0.0016 | | 13/1576=0.0082 | | 20/696=0.0287 |

A B C D E

A 1/6424=0.0002 1/2693=0.0004 0/11=0 0/0=NaN 0/0=NaN

B 3/6869=0.0004 2/5093=0.0004 2/1690=0.0012 0/2=0 0/0=NaN

C 6/6176=0.001 0/5666=0 8/3153=0.0025 5/593=0.0084 0/0=NaN

D 1/5963=0.0002 5/5527=0.0009 11/3571=0.0031 14/1125=0.0124 4/90=0.0444

E 0/6576=0 4/5145=0.0008 8/3589=0.0022 18/1477=0.0122 16/422=0.0379

F 3/4118=0.0007 1/6010=0.0002 6/3721=0.0016 13/1576=0.0082 20/696=0.0287