4 Arianna Dalzero, Bret A. Beheim, Hillard Kaplan, Jonathan Stieglitz, Paul L.
, 1 Tables S1-S20 showing coefficient results and sample sizes - of the analyses.

Table S1: Frequency of cousin marriage over time.

| parameter | mean | low PI | up PI | ps |
| :--- | ---: | ---: | ---: | :--- |
| Beta | -0.01 | -0.03 | 0.00 | 0.091 |
| Odds ratio | 0.99 | 0.97 | 1.00 | 0.091 |

Table 1: Mean (second column), $5 \%$ lower (third column) and $94 \%$ upper boundary (fourth column) of the $89 \%$ percentile interval of the posterior probability distribution, and Type $S$ error (fifth column) of the $\beta$ coefficient (first row), and odds ratio (second row) for the frequency of cousin marriage as a function of the individuals' annual birth cohort.

Table S2: Frequency of cousin marriage as a function of number of cousins eligible partners.

| parameter | mean | low PI | up PI | ps |
| :--- | ---: | ---: | ---: | :--- |
| Beta | 0.26 | 0.22 | 0.30 | $<0.001$ |
| Odds ratio | 1.30 | 1.25 | 1.35 | $<0.001$ |

Table 2: Mean (second column), $5 \%$ lower (third column) and $94 \%$ upper boundary (fourth column) of the $89 \%$ percentile interval of the posterior probability distributions, and Type S error (fifth column), of the $\beta$ coefficient (first row), and odds ratio (second row) for the frequency of cousin marriage as a function of the individuals' number of cousins as eligible partners.

# Supplementary Materials for: "Cross-cousin marriage among Tsimane forager-horticulturalists during demographic transition and market integration". 

Hooper, Cody Ross, Michael Gurven, Dieter Lukas

December 2023

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Table S3: Frequency of cousin marriage as a function of frequency of cousins eligible partners.

| parameter | mean | low PI | up PI | ps |
| :--- | ---: | ---: | ---: | :--- |
| Beta | 1.24 | 1.07 | 1.41 | $<0.001$ |
| Odds ratio | 1.00 | 1.00 | 1.00 | $<0.001$ |
| Intercept | 0.50 | 0.50 | 0.50 | $<0.001$ |

Table 3: Mean (second column), $5 \%$ lower (third column) and $94 \%$ upper boundary (fourth column) of the $89 \%$ percentile interval of the posterior probability distributions, and Type S error (fifth column), of the $\beta$ coefficient (first row), odds ratio (second row), and $\theta$ coefficient (i.e. intercept, third row), for the frequency of cousin marriage as a function of the individuals' frequency of cousins among the eligible partners. results).

| parameter | mean | low PI | up PI | ps |
| :--- | ---: | ---: | ---: | :--- |
| Beta | 0.98 | 0.85 | 1.12 | $<0.001$ |
| Odds ratio | 2.68 | 2.33 | 3.07 | $<0.001$ |
| Intercept | 0.23 | 0.21 | 0.25 | $<0.001$ |

Table 4: Mean (second column), $5 \%$ lower (third column) and $94 \%$ upper boundary (fourth column) of the $89 \%$ percentile interval of the posterior probability distributions, and Type S error (fifth column), of the $\beta$ coefficient (first row), odds ratio (second row), and $\theta$ coefficient (i.e. intercept, third row), for the frequency of cousin marriage as a function of the individuals' (standardized) frequency of cousins among the eligible partners. These results are reported in the manuscript.

Table S5: Frequency of cousins as eligible partners as a function of annual birth cohort.

| parameter | mean | low PI | up PI | ps |
| :--- | ---: | ---: | ---: | :--- |
| Beta | -0.0002 | -0.0003 | -0.0002 | $<0.001$ |
| Contrast mu | -0.01 | -0.01 | -0.01 | $<0.001$ |

Table 5: Mean (second column), $5 \%$ lower (third column) and $94 \%$ upper boundary (fourth column) of the $89 \%$ percentile interval of the posterior distributions, and Type $S$ error (fifth column) of the $\beta$ coefficient (first row), and probability difference (contrast) between the earliest and last recorded individuals' birth cohort (second row), for frequency of cousin as eligible partners as a function of individuals' annual birth cohort.

Table S6: Standardized frequency of cousins as eligible partners as a function of (standardized) annual birth cohort (same model as above with standardized predictors for easier interpretation of results).

| parameter | mean | low PI | up PI | ps |
| :--- | ---: | ---: | ---: | :--- |
| Beta | -0.21 | -0.26 | -0.17 | $<0.001$ |
| Contrast mu | -0.01 | -0.01 | -0.01 | $<0.001$ |

Table 6: Mean (second column), $5 \%$ lower (third column) and $94 \%$ upper boundary (fourth column) of the $89 \%$ percentile interval of the posterior distributions, and Type $S$ error (fifth column) of the $\beta$ coefficient (first row), and probability difference in $\mu$ (contrast) between the earliest and last recorded individuals' birth cohort (second row), for (standardized) frequency of cousin as eligible partners as a function of (standardized) individuals' annual birth cohort. These results are reported in the manuscript.

Table S7: Frequency of cousin marriage as a function of the frequency of cousins, stratified by annual birth cohort.

| parameter | mean | low PI | up PI | ps |
| :--- | ---: | ---: | ---: | :--- |
| Beta frequency | 1.29 | 1.11 | 1.47 | $<0.001$ |
| Odds ratio frequency | 1.00 | 1.00 | 1.00 | $<0.001$ |
| Beta birth year | 0.02 | 0.01 | 0.04 | 0.014 |
| Odds ratio birth year | 1.02 | 1.01 | 1.04 | 0.014 |

Table 7: Mean (second column), $5 \%$ lower (third column) and $94 \%$ upper boundary (fourth column) of the $89 \%$ percentile interval of the posterior distributions, and Type S error (fifth column), of the $\beta$ coefficient and odds ratio, for chance of cousin marriage as a function of the proportion of cousins, stratified by the individuals' annual birth cohort. The beta coefficient and odds ratio estimate the effect of the frequency of cousins (row 1-2) and annual birth cohort (row 3-4).

| parameter | mean | low PI | up PI | ps |
| :--- | ---: | ---: | ---: | :--- |
| Beta frequency | 1.02 | 0.89 | 1.16 | $<0.001$ |
| Odds ratio frequency | 2.79 | 2.43 | 3.20 | $<0.001$ |
| Beta birth year | 0.16 | 0.03 | 0.28 | 0.027 |
| Odds ratio birth year | 1.17 | 1.03 | 1.32 | $<0.001$ |

Table 8: Mean (second column), $5 \%$ lower (third column) and $94 \%$ upper boundary (fourth column) of the $89 \%$ percentile interval of the posterior distributions, and Type $S$ error (fifth column), of the $\beta$ coefficient and odds ratio, for chance of cousin marriage as a function of the (standardized) proportion of cousins, stratified by the (standardized) individuals' annual birth cohort. The $\beta$ coefficient and odds ratio estimate the effect of frequency of cousins (row 1-2) and annual birth cohort (row 3-4). These results are reported in the manuscript.

Table S9: Sample size by annual birth cohort for the analyses on frequency of cousin marriage.

| birth year | sample size |
| ---: | ---: |
| 1964 | 17 |
| 1965 | 13 |
| 1966 | 22 |
| 1967 | 21 |
| 1968 | 24 |
| 1969 | 27 |
| 1970 | 21 |
| 1971 | 42 |
| 1972 | 49 |
| 1973 | 37 |
| 1974 | 48 |
| 1975 | 57 |
| 1976 | 51 |
| 1977 | 45 |
| 1978 | 57 |
| 1979 | 65 |
| 1980 | 68 |
| 1981 | 65 |
| 1982 | 81 |
| 1983 | 53 |
| 1984 | 88 |
| 1985 | 52 |
| 1986 | 60 |
| 1987 | 72 |
| 1988 | 54 |
| 1989 | 39 |
| 1990 | 30 |
| 1991 | 22 |
| 1992 | 14 |
| 1993 | 16 |
|  |  |

Table 9: Sample size of married adults (second column) for each birth year (first column), for all the analyses on frequency of cousin marriage and eligible partners over time (tables above). Total sample size $\mathrm{n}=1331$.

Table S10: Offspring children age-specific survival up to age 5 .

| marriage | sex | state | mean | low PI | up PI |
| :--- | :--- | :--- | ---: | ---: | ---: |
| Cousin | Male | Born | 0.89 | 0.87 | 0.91 |
| Cousin | Female | Born | 0.88 | 0.85 | 0.90 |
| Non-cousin | Male | Born | 0.88 | 0.87 | 0.89 |
| Non-cousin | Female | Born | 0.88 | 0.87 | 0.89 |

Table 10: Mean (fourth column), $5 \%$ lower (fifth column) and $94 \%$ upper boundary (sixth column) of the $89 \%$ percentile interval of the posterior distributions of the sub-populations, male and female (second column), born (third column) in families practicing cousin marriage or not (first column), for cumulative probability of survival up to age 5 .

Table S11: Offspring children age-specific survival up to age 5 contrasts

| sex | state | mean | low PI | up PI | ps |
| :--- | :--- | ---: | ---: | ---: | :--- |
| Male | Born | 0.01 | -0.01 | 0.03 | 0.186 |
| Female | Born | -0.01 | -0.03 | 0.02 | 0.312 |

Table 11: Mean (third column), $5 \%$ lower (fourth column) and $94 \%$ upper boundary (fifth column) of the $89 \%$ percentile interval and Type $S$ error (sixth column) of the posterior distribution for the contrasts (difference) between the posterior probability distributions of sub-populations, male and female (first column), offspring (second column) of families practicing cousin marriage versus not practicing it (e.g., male individuals born to cousins versus male individuals born to unrelated parents), for cumulative probability of survival up to age 5 .

Table S12: Offspring children age-specific survival up to age 5 sample sizes for each age.

|  | cousin male | non-cousin male | cousin female | non-cousin female |
| ---: | ---: | ---: | ---: | ---: |
| 1 | 536 | 5003 | 516 | 4762 |
| 2 | 478 | 4510 | 453 | 4308 |
| 3 | 458 | 4287 | 424 | 4126 |
| 4 | 438 | 4084 | 404 | 3946 |
| 5 | 421 | 3905 | 380 | 3775 |

Table 12: Total sample size (number of individuals 'at risk') in the ages of life from 1 to 5 , for offspring of cousin parents and offspring of non-cousin parents.

Table S13: Age-specific fertility.

| marriage | sex | state | mean | low PI | up PI |
| :--- | :--- | :--- | ---: | ---: | ---: |
| Cousin | Male | Married | 6.97 | 6.64 | 7.30 |
| Cousin | Female | Married | 6.96 | 6.64 | 7.29 |
| Non-cousin | Male | Married | 7.17 | 7.06 | 7.29 |
| Non-cousin | Female | Married | 7.13 | 7.01 | 7.24 |

Table 13: Mean (fourth column), $5 \%$ lower (fifth column) and $94 \%$ upper boundary (sixth column) of the $89 \%$ percentile interval of the posterior probability distributions of the sub-populations, male and female (second column), married (third column) to cousins or not (first column), for cumulative fertility in reproductive ages (12-50).

Table S14: Age-specific fertility contrasts.

| sex | state | mean | low PI | up PI | ps |
| :--- | :--- | ---: | ---: | ---: | :--- |
| Male | Married | -0.20 | -0.54 | 0.15 | 0.178 |
| Female | Married | -0.17 | -0.50 | 0.19 | 0.224 |

Table 14: Mean (third column), $5 \%$ lower (fourth column) and $94 \%$ upper boundary (fifth column) of the $89 \%$ percentile interval and Type $S$ error (sixth column) of the posterior probability distribution for the contrasts (difference) between the posterior probability distributions of sub-populations male and female (first column), married (second column) to cousins and not (e.g., male individuals married to cousins versus male individuals married to non-cousin partners) for cumulative fertility in the reproductive ages (12-50).

Table S15: Age at first reproduction (from age-specific fertility).

| marriage | sex | state | mean | low PI | up PI |
| :--- | :--- | :--- | ---: | ---: | ---: |
| Cousin | Male | Married | 21.25 | 21.00 | 22.00 |
| Cousin | Female | Married | 18.65 | 18.00 | 19.00 |
| Non-cousin | Male | Married | 22.00 | 22.00 | 22.00 |
| Non-cousin | Female | Married | 19.00 | 19.00 | 19.00 |

Table 15: Mean (fourth column), $5 \%$ lower (fifth column) and $94 \%$ upper boundary (sixth column) of the $89 \%$ percentile interval of the posterior probability distributions of the sub-populations, male and female (second column), married (third column) to cousins or not (first column), for age at first reproduction. Age at first reproduction is defined here as the first age when the cumulative probability of fertility exceeds 1.

Table S16: Age at first reproduction (from age-specific fertility) contrasts.

| sex | state | mean | low PI | up PI | ps |
| :--- | :--- | ---: | ---: | ---: | :--- |
| Male | Married | -0.75 | -1.00 | 0.00 | $<0.001$ |
| Female | Married | -0.35 | -1.00 | 0.00 | $<0.001$ |

Table 16: Mean (third column), $5 \%$ lower (fourth column) and $94 \%$ upper boundary (fifth column) of the $89 \%$ percentile interval and fraction above 0 (sixth column) of the posterior probability distribution for the contrasts (subtraction difference) between the posterior probability distributions of sub-populations male and female (first column), married (second column) to cousins and not (e.g., male individuals married to cousins versus male individuals married to non-cousin partners) for age at first reproduction. Age at first reproduction is defined here as the first age when the cumulative probability of fertility exceeds 1.

Table S17: Sample size for each reproductive age 12-50 (for age specific fertility and age at first reproduction).

|  | cousin male | non-cousin male | cousin female | non-cousin female |
| :--- | ---: | ---: | ---: | ---: |
| 12 | 250 | 1729 | 272 | 1887 |
| 13 | 250 | 1728 | 272 | 1887 |
| 14 | 250 | 1728 | 272 | 1887 |
| 15 | 250 | 1727 | 272 | 1883 |
| 16 | 250 | 1724 | 268 | 1869 |
| 17 | 249 | 1720 | 268 | 1855 |
| 18 | 249 | 1716 | 265 | 1830 |
| 19 | 246 | 1704 | 262 | 1796 |
| 20 | 240 | 1690 | 255 | 1754 |
| 21 | 229 | 1670 | 251 | 1702 |
| 22 | 227 | 1645 | 246 | 1655 |
| 23 | 219 | 1618 | 233 | 1610 |
| 24 | 213 | 1573 | 218 | 1568 |
| 25 | 206 | 1534 | 203 | 1507 |
| 26 | 201 | 1493 | 191 | 1449 |
| 27 | 192 | 1452 | 182 | 1376 |
| 28 | 186 | 1402 | 167 | 1314 |
| 29 | 176 | 1347 | 158 | 1244 |
| 30 | 170 | 1298 | 149 | 1177 |
| 31 | 165 | 1242 | 138 | 1106 |
| 32 | 155 | 1187 | 130 | 1061 |
| 33 | 143 | 1140 | 122 | 1007 |
| 34 | 129 | 1095 | 113 | 963 |
| 35 | 125 | 1040 | 103 | 919 |
| 36 | 117 | 984 | 94 | 877 |
| 37 | 110 | 945 | 88 | 837 |
| 38 | 100 | 81 | 889 | 84 |

Table 17: Total sample size (number of individuals 'at risk') in the reproductive ages of life from 12 to 50 , for male and female individuals in cousin marriage and in a marriage with non-cousins.

Table S18: Contrasts of offspring survival by decadal birth cohort.

| sex | mean | low PI | up PI | ps | sample size | decade |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Male | -0.03 | -0.32 | 0.13 | 0.589 | cousin born: 1; not cousin born: 8 | 1 |
| Male | 0.05 | -0.44 | 0.32 | 0.308 | cousin born: 1; not cousin born: 17 | 2 |
| Male | -0.06 | -0.40 | 0.17 | 0.426 | cousin born: 4; not cousin born: 40 | 3 |
| Male | 0.06 | -0.19 | 0.23 | 0.294 | cousin born: 6; not cousin born: 112 | 4 |
| Male | 0.01 | -0.11 | 0.10 | 0.393 | cousin born: 23 ; not cousin born: 260 | 5 |
| Male | 0.06 | -0.02 | 0.13 | 0.112 | cousin born: 42; not cousin born: 530 | 6 |
| Male | 0.03 | -0.05 | 0.10 | 0.270 | cousin born: 59; not cousin born: 943 | 7 |
| Male | -0.03 | -0.07 | 0.01 | 0.138 | cousin born: 212; not cousin born: 1672 | 8 |
| Female | -0.09 | -0.66 | 0.31 | 0.500 | cousin born: 0; not cousin born: 2 | 1 |
| Female | -0.12 | -0.70 | 0.22 | 0.498 | cousin born: 0; not cousin born: 14 | 2 |
| Female | -0.12 | -0.74 | 0.10 | 0.502 | cousin born: 0; not cousin born: 43 | 3 |
| Female | 0.21 | 0.05 | 0.31 | 0.028 | cousin born: 7; not cousin born: 97 | 4 |
| Female | 0.03 | -0.09 | 0.12 | 0.310 | cousin born: 25 ; not cousin born: 241 | 5 |
| Female | 0.08 | -0.02 | 0.14 | 0.078 | cousin born: 28; not cousin born: 506 | 6 |
| Female | -0.02 | -0.09 | 0.04 | 0.343 | cousin born: 79; not cousin born: 917 | 7 |
| Female | -0.03 | -0.07 | 0.01 | 0.124 | cousin born: 167; not cousin born: 1600 | 8 |

Table 18: Mean (second column), $5 \%$ lower (third column) and $94 \%$ upper boundary (fourth column) of the $89 \%$ percentile interval of the posterior probability distribution, and Type S error (fifth column), for the contrasts (subtraction difference) between the posterior probability distributions of sub-populations male and female (first column) born in eight decades from 1920 to 2000 (seventh column), in families practicing cousin marriage or not (e.g., male individuals born to cousins versus male individuals born to non-cousin partners), for child survival up to age 5 as a function of individuals' decades of birth. In the sixth column, sample sizes for each sub-population in each decadal birth cohort. The estimates are related to the priors for birth decades where sample size is 0 and we do not consider these decades in the manuscript. In the manuscript, we consider decadal birth cohorts from 1950 to 2000 (decades 4-8).

Table S19: Contrasts of fertility by decadal birth cohort.

| sex | mean | low PI | up PI | ps | sample size | decade |
| :--- | ---: | ---: | ---: | :--- | :--- | :--- | :--- |
| Male | -1.05 | -3.29 | 0.03 | 0.060 | cousin married: 1; not cousin married: 8 | 1 |
| Male | 327.87 | -14.56 | 312.57 | 0.493 | cousin married: 0; not cousin married: 8 | 2 |
| Male | 2.13 | 0.55 | 4.14 | 0.007 | cousin married: 2; not cousin married: 28 | 3 |
| Male | 0.23 | -1.18 | 1.74 | 0.425 | cousin married: 4; not cousin married: 63 | 4 |
| Male | 0.99 | 0.20 | 1.87 | 0.025 | cousin married: 12; not cousin married: 133 | 5 |
| Male | -0.06 | -0.67 | 0.58 | 0.430 | cousin married: 12; not cousin married: 225 | 6 |
| Male | 0.09 | -0.47 | 0.66 | 0.390 | cousin married: 42; not cousin married: 378 | 7 |
| Male | 0.56 | 0.13 | 0.99 | 0.018 | cousin married: 92; not cousin married: 496 | 8 |
| Male | -0.13 | -0.64 | 0.39 | 0.334 | cousin married: 80; not cousin married: 374 | 9 |
| Male | -0.23 | -1.42 | 0.76 | 0.377 | cousin married: 5; not cousin married: 22 | 10 |
| Female | 120.45 | -9.15 | 182.42 | 0.496 | cousin married: 0; not cousin married: 1 | 1 |
| Female | -6.18 | -15.88 | -0.49 | 0.040 | cousin married: 1; not cousin married: 7 | 2 |
| Female | 45.47 | -3.51 | 160.24 | 0.488 | cousin married: 0; not cousin married: 22 | 3 |
| Female | -0.25 | -1.18 | 0.81 | 0.326 | cousin married: 7; not cousin married: 46 | 4 |
| Female | -0.10 | -0.78 | 0.61 | 0.394 | cousin married: 12; not cousin married: 107 | 5 |
| Female | 0.74 | -0.18 | 1.69 | 0.096 | cousin married: 10; not cousin married: 210 | 6 |
| Female | 0.68 | 0.13 | 1.24 | 0.024 | cousin married: 32; not cousin married: 363 | 7 |
| Female | -0.04 | -0.46 | 0.38 | 0.431 | cousin married: 87; not cousin married: 475 | 8 |
| Female | 0.15 | -0.26 | 0.57 | 0.283 | cousin married: 105; not cousin married: 575 | 9 |
| Female | 0.05 | -1.27 | 1.34 | 0.456 | cousin married: 19; not cousin married: 92 | 10 |

Table 19: Mean (second column), $5 \%$ lower (third column) and $94 \%$ upper boundary (fourth column) of the $89 \%$ percentile interval of the posterior probability distribution, and Type S error (fifth column), for the contrasts (difference) between the posterior probability distributions of subpopulations male and female (first column) born in ten decades from 1900 to 2000 (seventh column), married to cousins or not (e.g., male individuals married to cousins versus male individuals married to non-cousin partners), for total number of children as a function of individuals' decades of birth. In the sixth column, sample size for each sub-population in each decadal birth cohort. The estimates are related to the priors for birth decades where sample size is 0 and we do not consider these decades in the manuscript. In the manuscript, we consider decadal birth cohorts from 1940 to 2000 (decades 5-10).

Table S20: Contrasts in age at first reproduction by decadal birth cohort.

| sex | mean | low PI | up PI | ps | sample size | decade |
| :--- | ---: | ---: | ---: | :--- | :--- | :--- | :--- |
| Male | 0.63 | -7.92 | 10.05 | 0.472 | cousin married: 1; not cousin married: 8 | 1 |
| Male | 432.79 | -26.84 | 1409.72 | 0.503 | cousin married: 0; not cousin married: 8 | 2 |
| Male | -1.92 | -7.19 | 3.84 | 0.268 | cousin married: 2; not cousin married: 26 | 3 |
| Male | -2.10 | -5.85 | 2.02 | 0.194 | cousin married: 4; not cousin married: 62 | 4 |
| Male | 1.36 | -1.06 | 3.89 | 0.184 | cousin married: 11; not cousin married: 130 | 5 |
| Male | -1.27 | -3.46 | 0.98 | 0.174 | cousin married: 12; not cousin married: 221 | 6 |
| Male | 0.18 | -1.15 | 1.43 | 0.412 | cousin married: 41; not cousin married: 372 | 7 |
| Male | -0.44 | -1.23 | 0.42 | 0.194 | cousin married: 91; not cousin married: 491 | 8 |
| Male | -0.53 | -1.38 | 0.33 | 0.157 | cousin married: 78; not cousin married: 368 | 9 |
| Male | 0.30 | -2.86 | 3.64 | 0.451 | cousin married: 5; not cousin married: 20 | 10 |
| Female | 501.37 | -21.97 | 1135.55 | 0.505 | cousin married: 0; not cousin married: 1 | 1 |
| Female | 0.89 | -5.71 | 8.72 | 0.454 | cousin married: 1; not cousin married: 6 | 2 |
| Female | 559.49 | -18.42 | 1572.04 | 0.500 | cousin married: 0; not cousin married: 19 | 3 |
| Female | -0.64 | -3.36 | 2.18 | 0.346 | cousin married: 7; not cousin married: 41 | 4 |
| Female | -1.99 | -4.14 | 0.19 | 0.078 | cousin married: 12; not cousin married: 101 | 5 |
| Female | 1.22 | -1.19 | 3.83 | 0.214 | cousin married: 9; not cousin married: 201 | 6 |
| Female | -1.16 | -2.42 | 0.08 | 0.070 | cousin married: 32; not cousin married: 357 | 7 |
| Female | -0.15 | -0.99 | 0.67 | 0.378 | cousin married: 86; not cousin married: 465 | 8 |
| Female | -0.04 | -0.73 | 0.64 | 0.470 | cousin married: 105; not cousin married: 566 | 9 |
| Female | -0.26 | -1.97 | 1.46 | 0.399 | cousin married: 16; not cousin married: 81 | 10 |

Table 20: Mean (second column), $5 \%$ lower (third column) and $94 \%$ upper boundary (fourth column) of the $89 \%$ percentile interval of the posterior probability distribution, and Type S error (fifth column) for the contrasts (difference) between the posterior probability distributions of subpopulations male and female (first column) born in ten decades from 1900 to 2000 (seventh column), married to cousins or not (e.g., male individuals married to cousins versus male individuals married to non-cousin partners), for age at first child as a function of individuals' decades of birth. In the sixth column, sample size for each sub-population in each decadal birth cohort. The estimates are related to the priors for birth decades where sample size is 0 and we do not consider these decades in the manuscript. In the manuscript, we consider decadal birth cohorts from 1940 to 2000 (decades 5-10).

