

Quality of Demographic Data in GGS Wave 1:

Appendix

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Short Abstract

This appendix complements the paper of Vergauwen, Wood, De Wachter & Neels on the quality of demographic data in the first wave of the Generations and Gender Survey (GGS). To assess the validity of longitudinal micro-data on nuptiality and fertility, period and cohort indicators estimated retrospectively from the GGS are compared to population statistics. The results may inform researchers using this research infrastructure on the appropriate time-frame to be considered for each of the countries included in their analyses. The following fertility indicators were validated against population statistics: i) age-specific female fertility rates, ii) period total fertility rate, iii) cohort total fertility rate, iv) period mean age at childbearing and v) cohort mean age at childbearing. For nuptiality, the following indicators were considered: i) age-specific female first marriage rates, ii) period total female first marriage rate, iii) cohort total female first marriage rate, iv) period mean age at female first marriage and v) cohort mean age at female first marriage. Whereas the paper discusses the general conclusions on the validity of nuptiality and fertility data in the GGS, this appendix provides the detailed country-specific results for each of the indicators considered.

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1. Country-specific Results

1.1 Australia

- *Period Total Female First Marriage Rate & Mean Age at Female First Marriage*

Figure 1.1.1 Period Total Female First Marriage Rate Australia

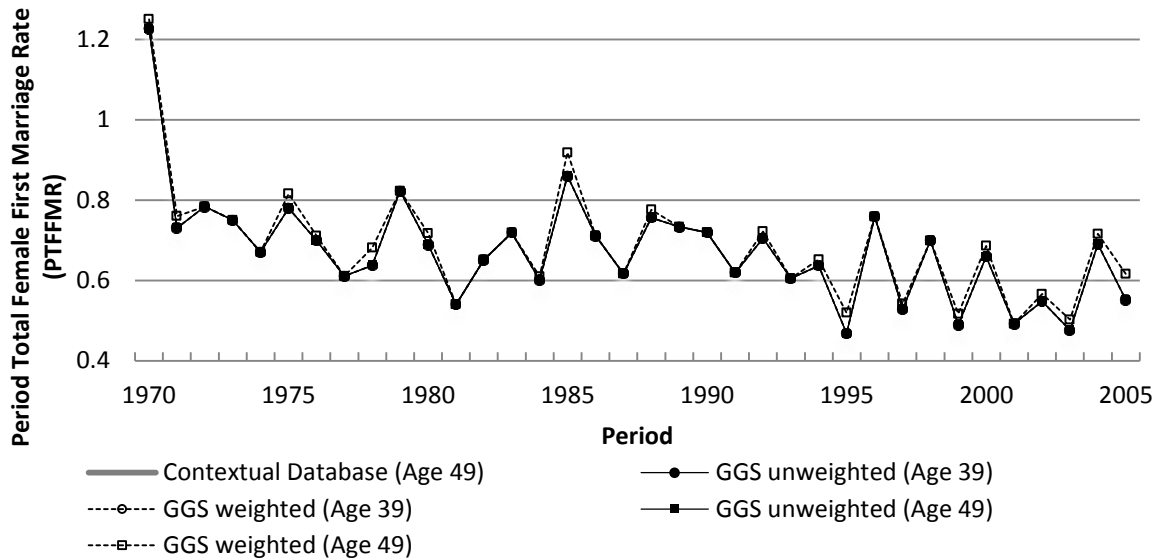
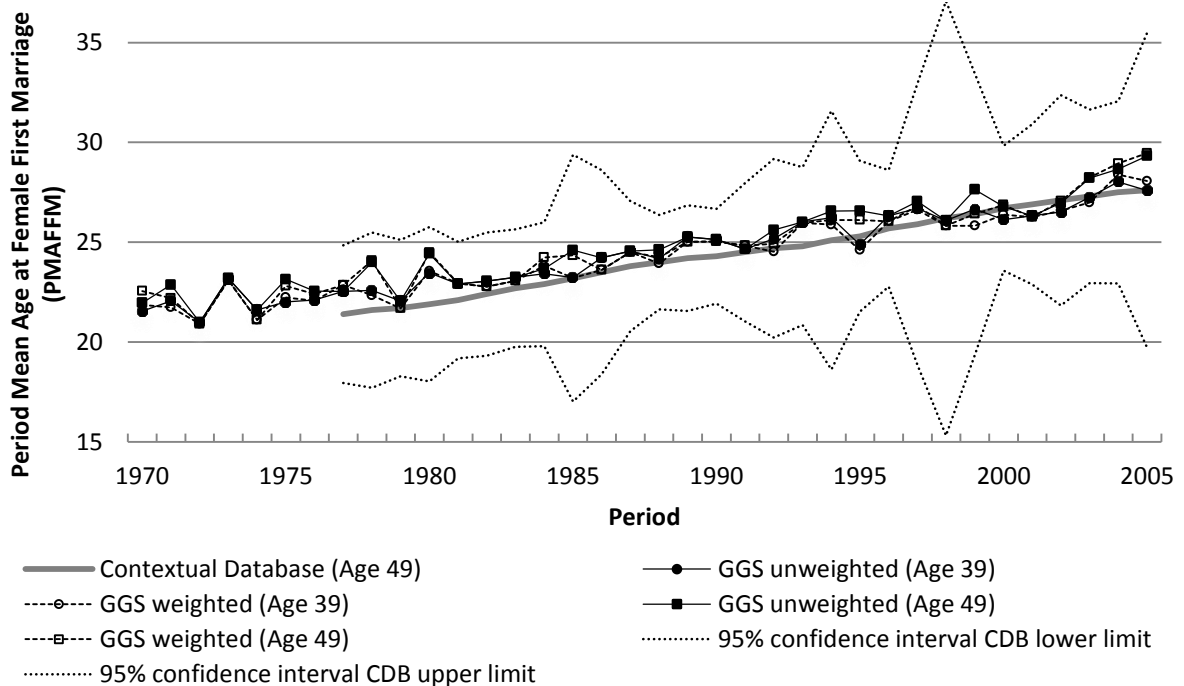


Figure 1.1.2 Period Mean Age at Female First Marriage Australia



• *Cohort Total Female First Marriage Rate & Mean Age at Female First Marriage*

Figure 1.1.3 Cohort Total Female First Marriage Rate Australia

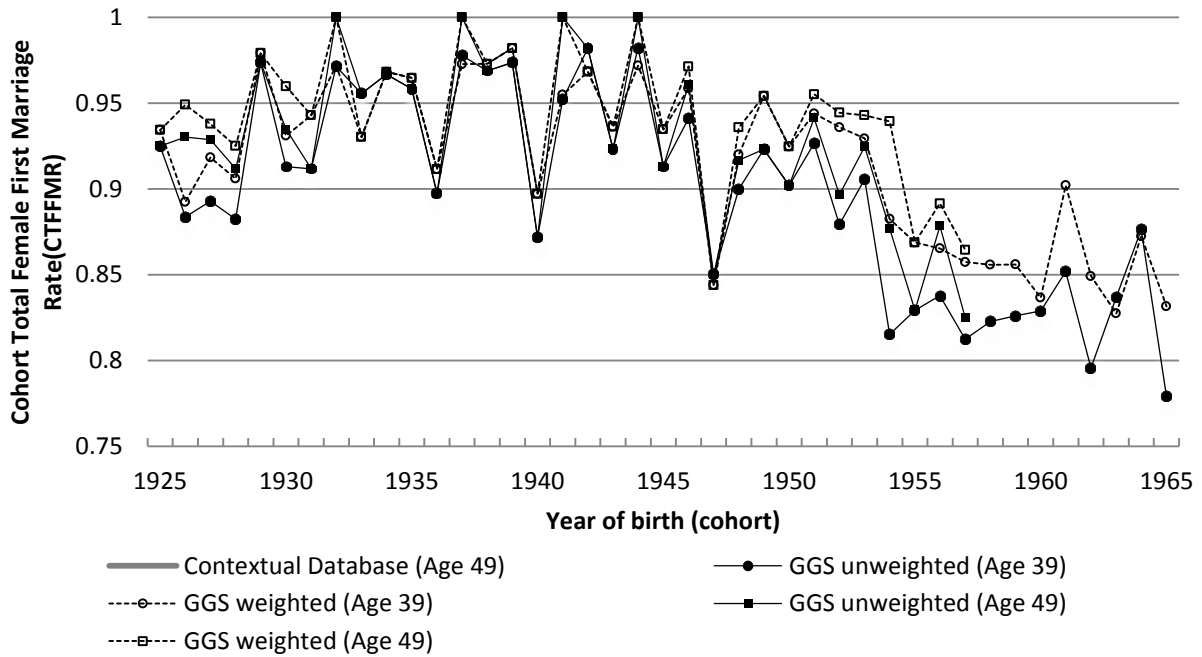
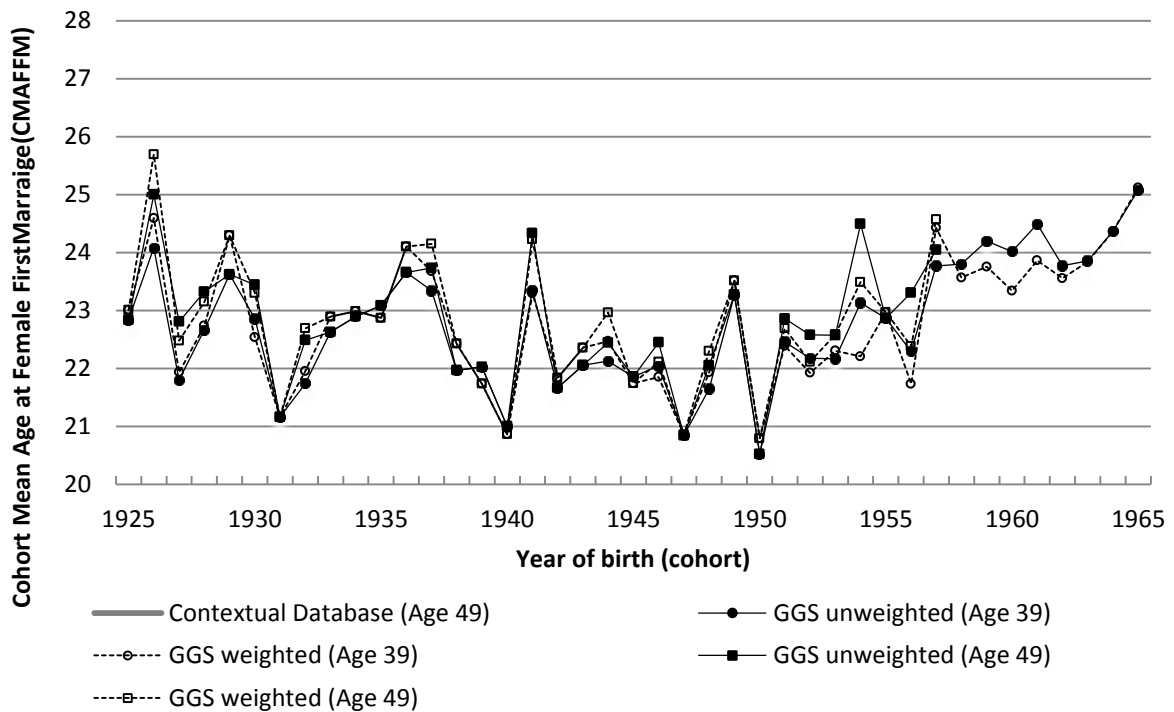


Figure 1.1.4 Cohort Mean Age at Female First Marriage Australia



• **Period Total Fertility Rate & Mean Age at Childbearing**

Figure 1.1.5 Period Total Fertility Rate Australia

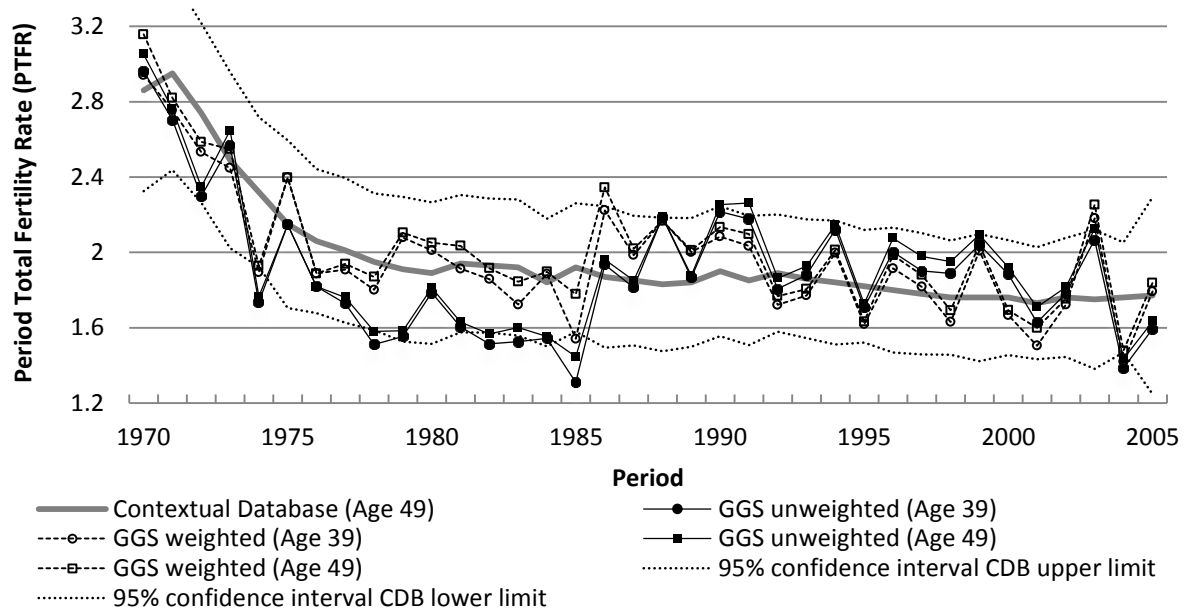
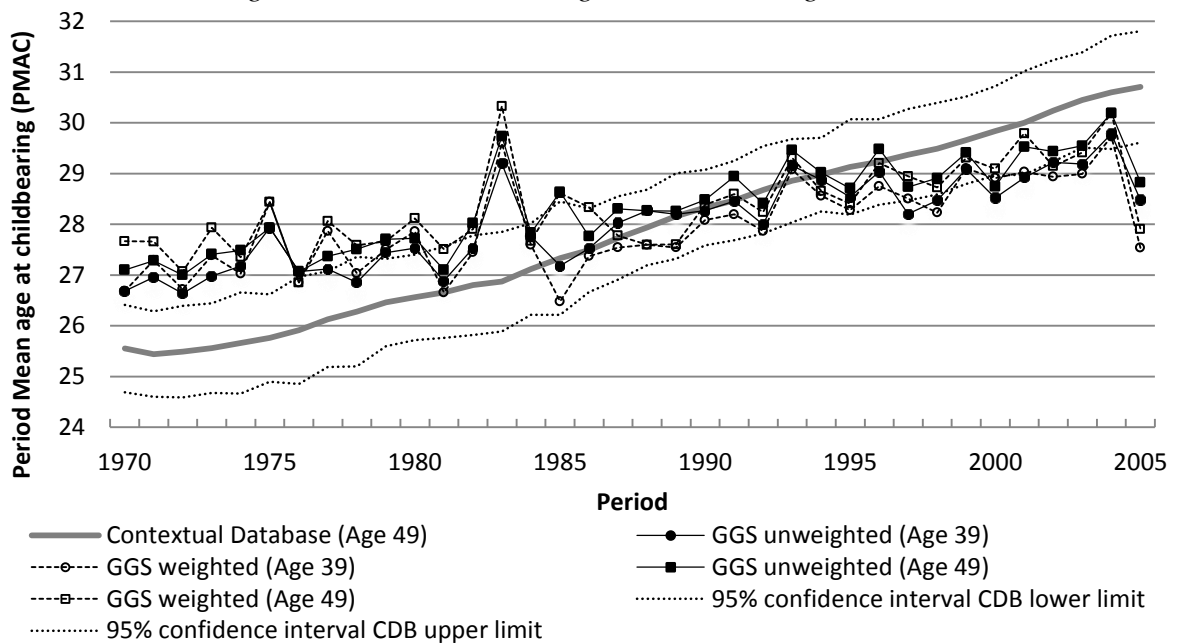


Figure 1.1.6 Period Mean Age at Childbearing Australia



• *Cohort Total Fertility Rate & Mean Age at Childbearing*

Figure 1.1.7 Cohort Total Fertility Rate Australia

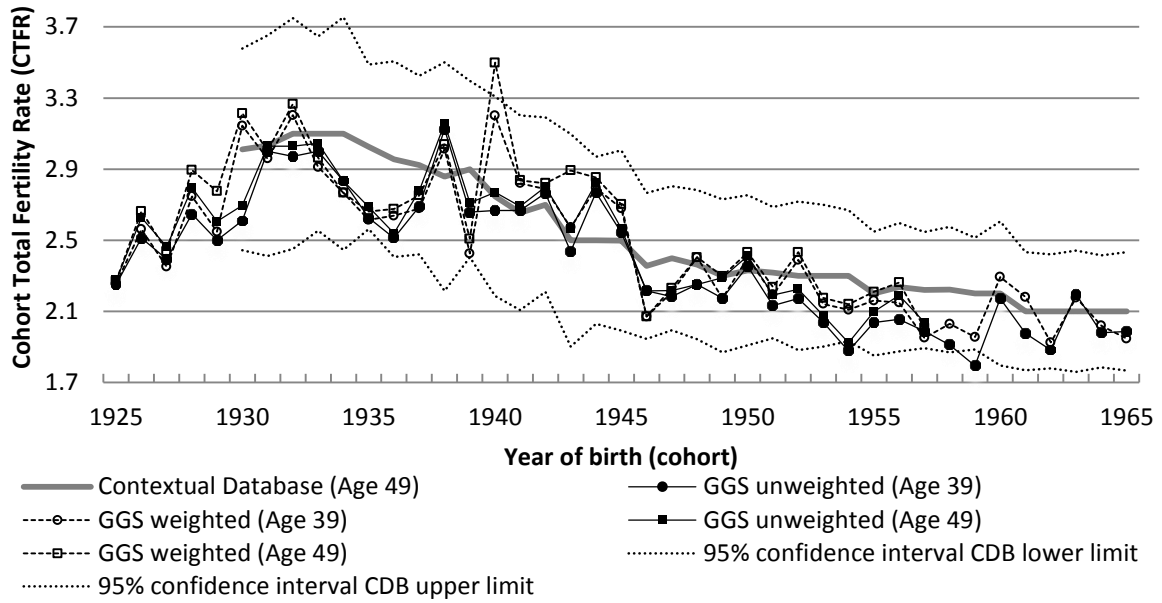
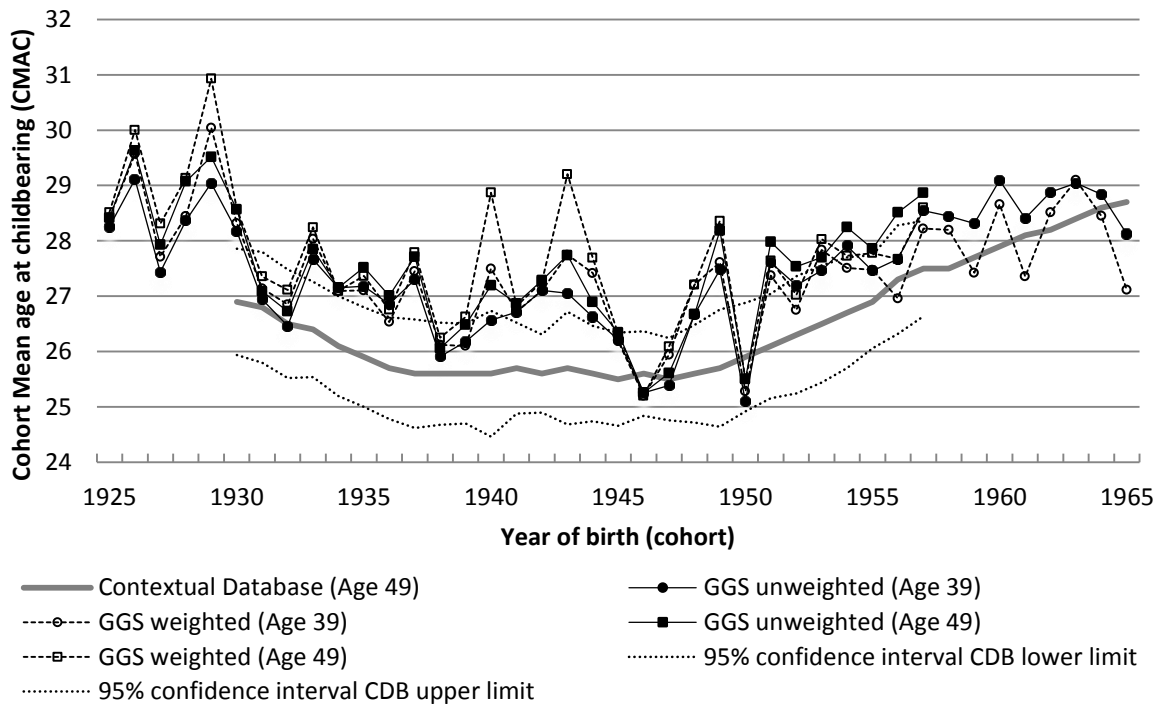


Figure 1.1.8 Cohort Mean Age at Childbearing Australia



1.2 Austria

- *Period Total Female First Marriage Rate & Mean Age at Female First Marriage*

Figure 1.2.1 Period Total Female First Marriage Rate Austria

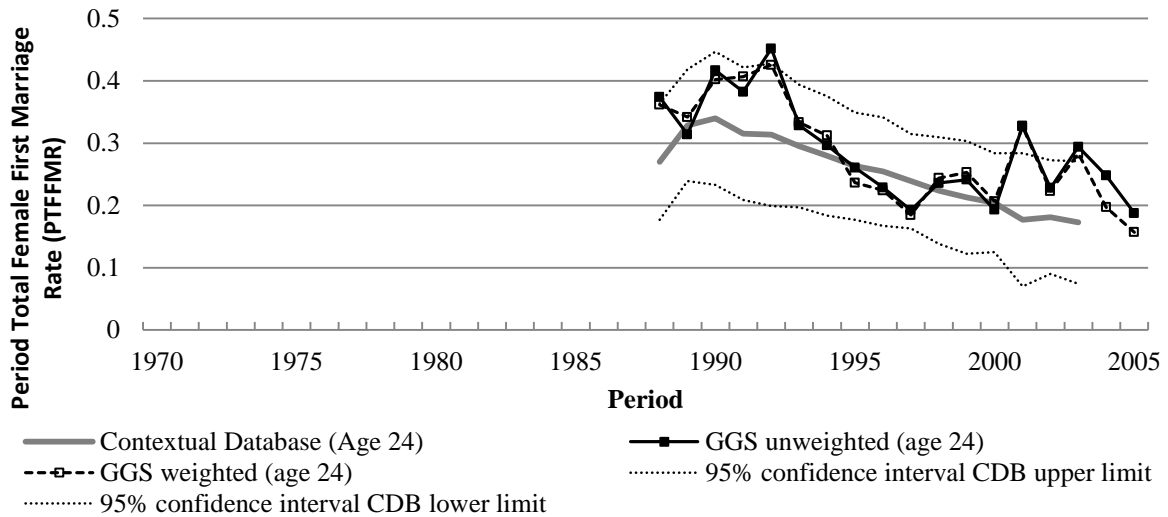
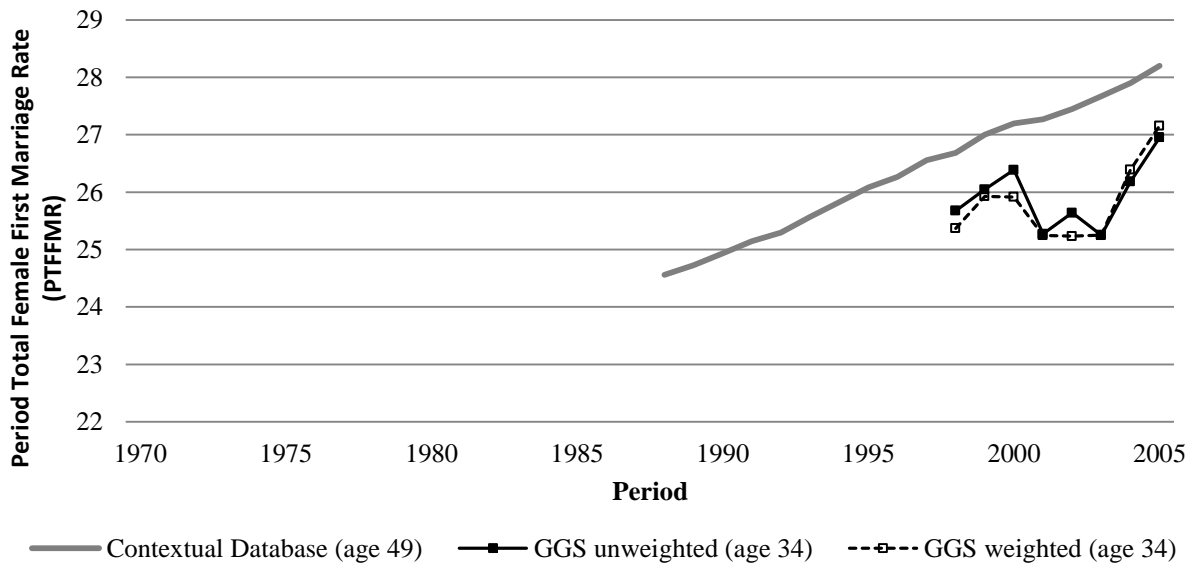


Figure 1.2.2 Period Mean Age at Female First Marriage Austria



• *Cohort Total Female First Marriage Rate & Mean Age at Female First Marriage*

Figure 1.2.3 Cohort Total Female First Marriage Rate Austria

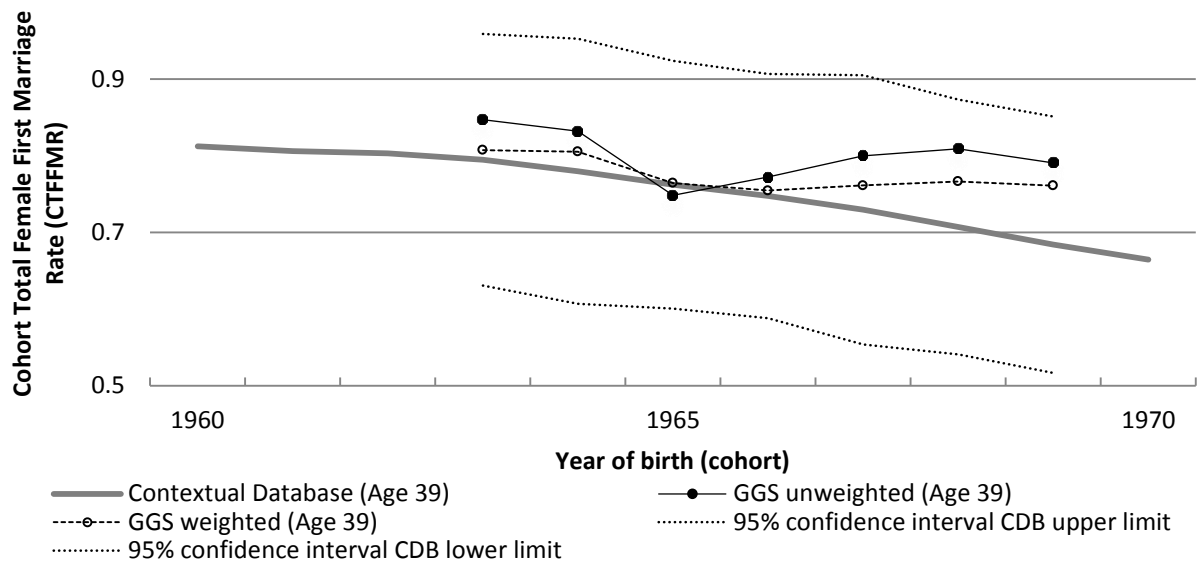
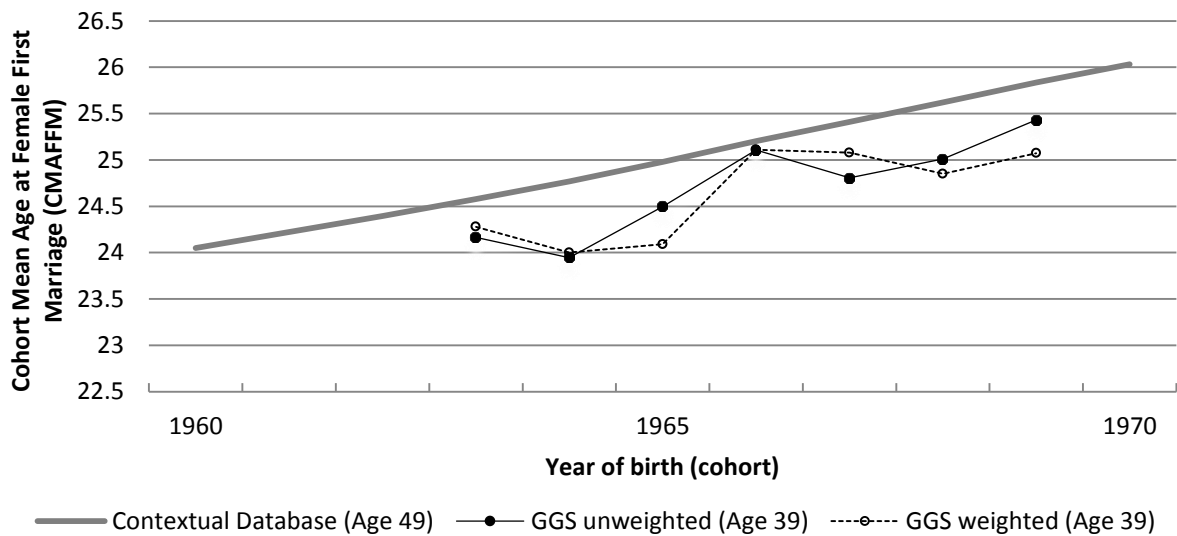


Figure 1.2.4 Cohort Mean Age at Female First Marriage Rate Austria



- **Period Total Fertility Rate & Mean Age at Childbearing**

Figure 1.2.5 Period Total Fertility Rate Austria

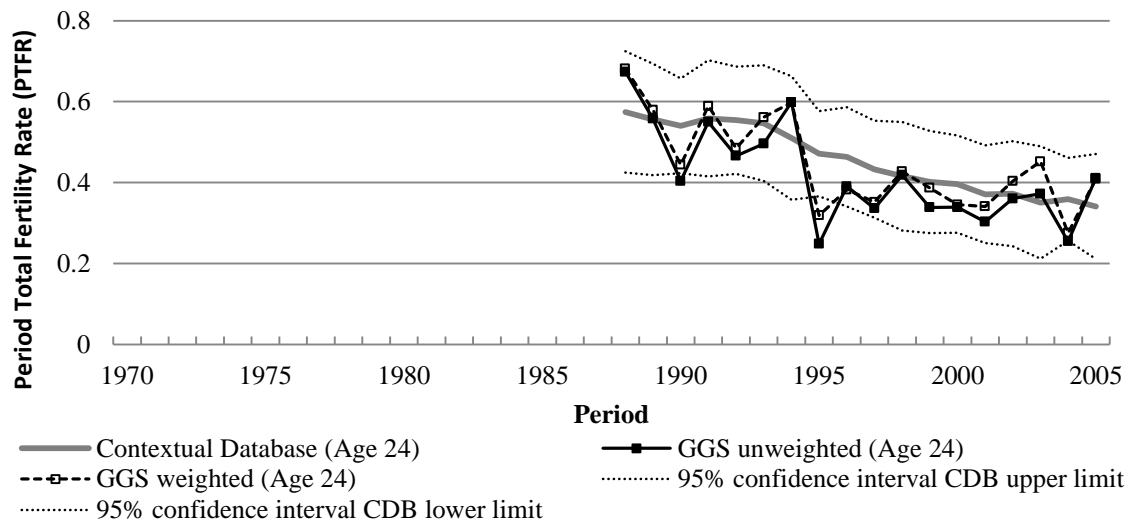
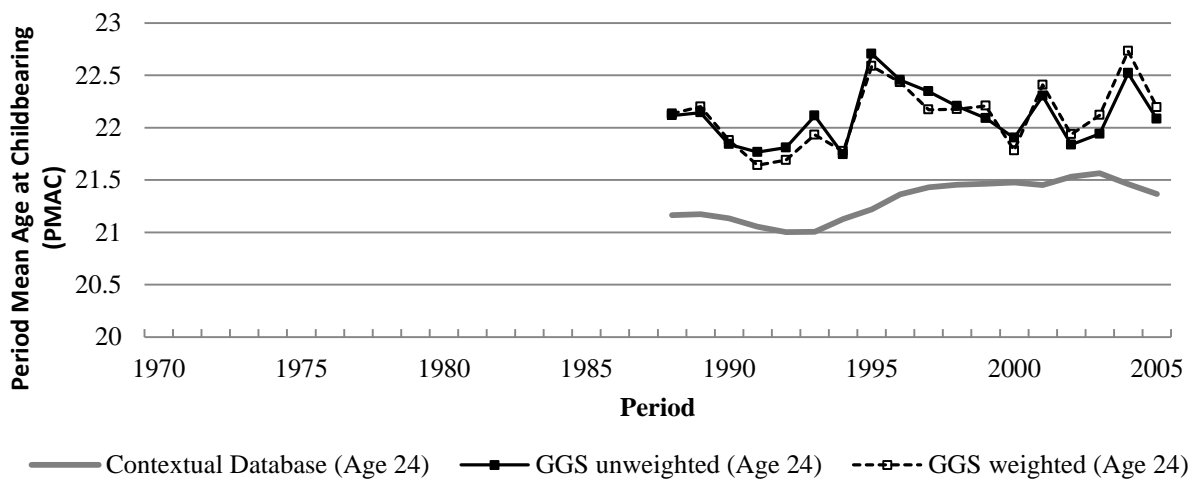


Figure 1.2.6 Period Mean Age at Childbearing Austria



• **Cohort Total Fertility Rate & Mean Age at Childbearing**

Figure 1.2.7 Cohort Total Fertility Rate Austria

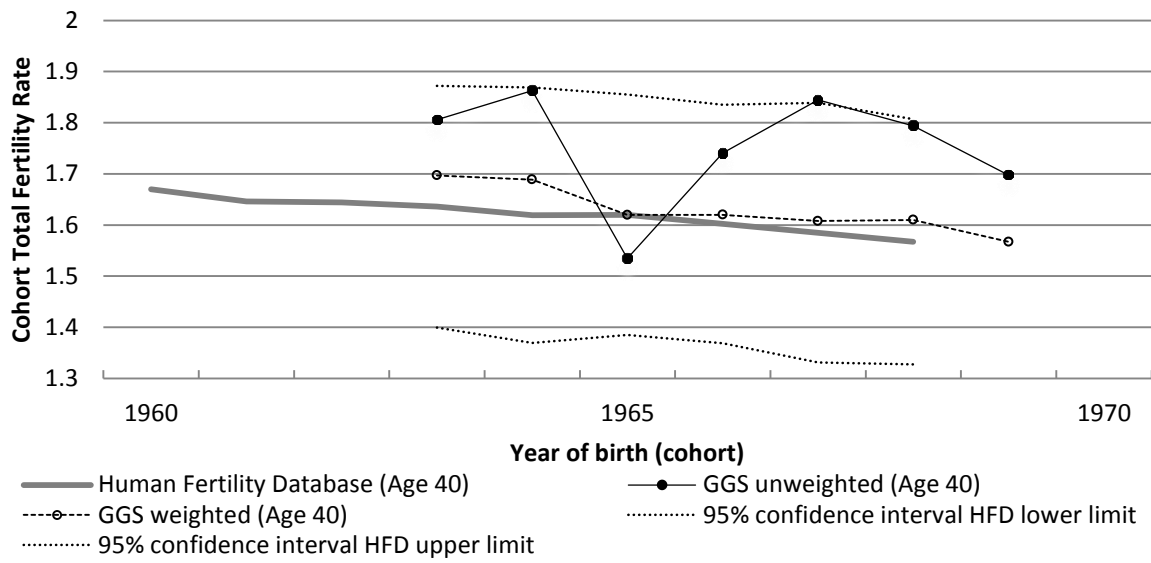
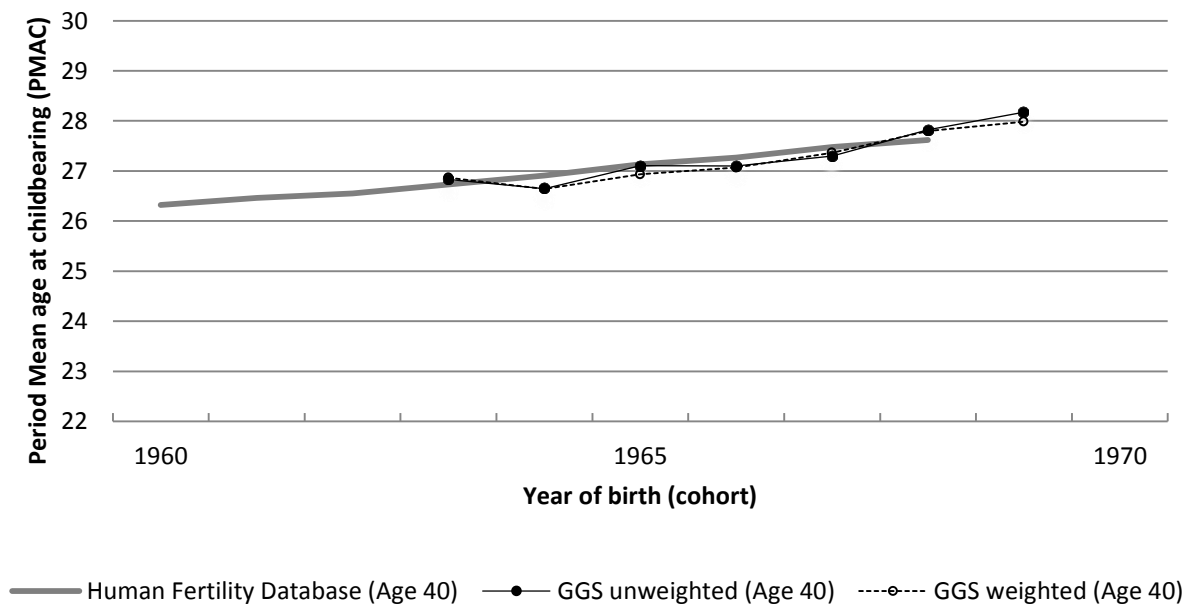


Figure 1.2.8 Cohort Mean Age at Childbearing Austria



1.3 Belgium

- *Period Total Female First Marriage Rate & Mean Age at Female First Marriage*

Figure 1.3.1 Period Total Female First Marriage Rate Belgium

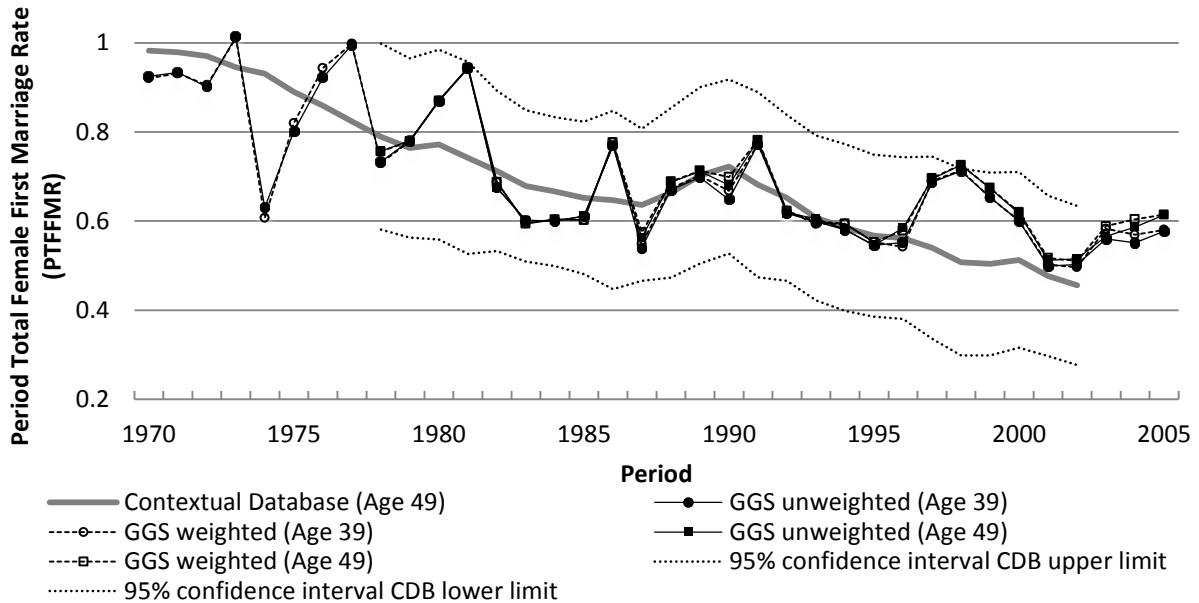
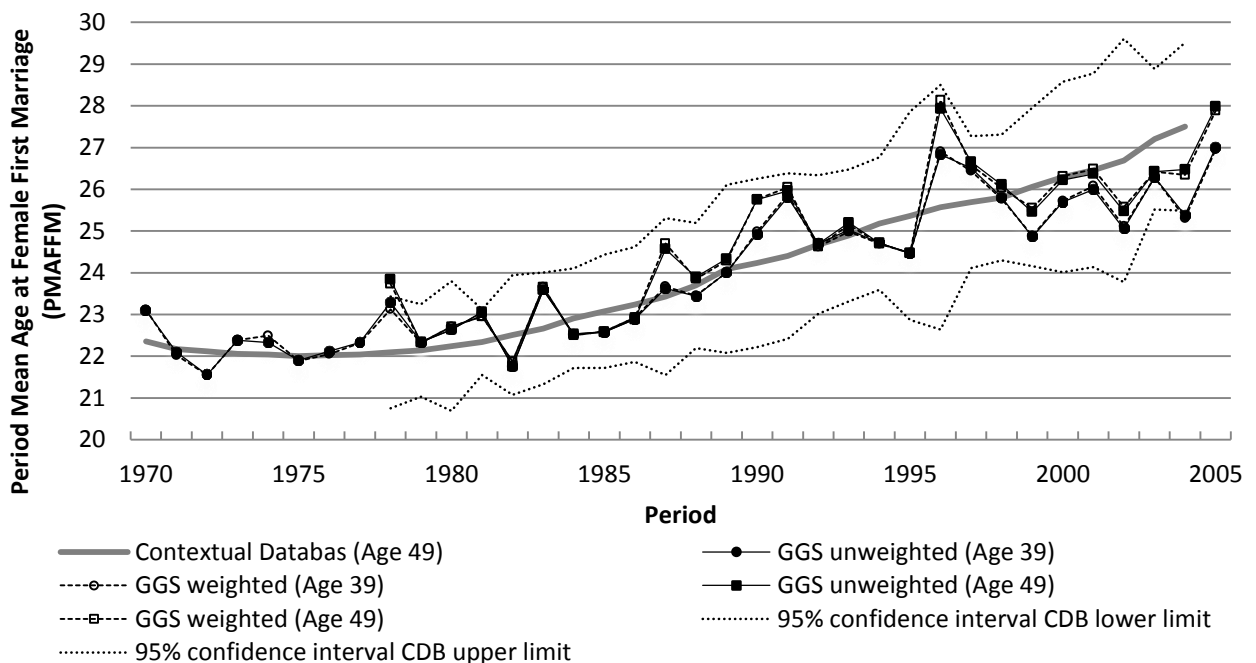


Figure 1.3.2 Period Mean Age at Female First Marriage Belgium



• *Cohort Total Female First Marriage Rate & Mean Age at Female First Marriage*

Figure 1.3.3 Cohort Total Female First Marriage Rate Belgium

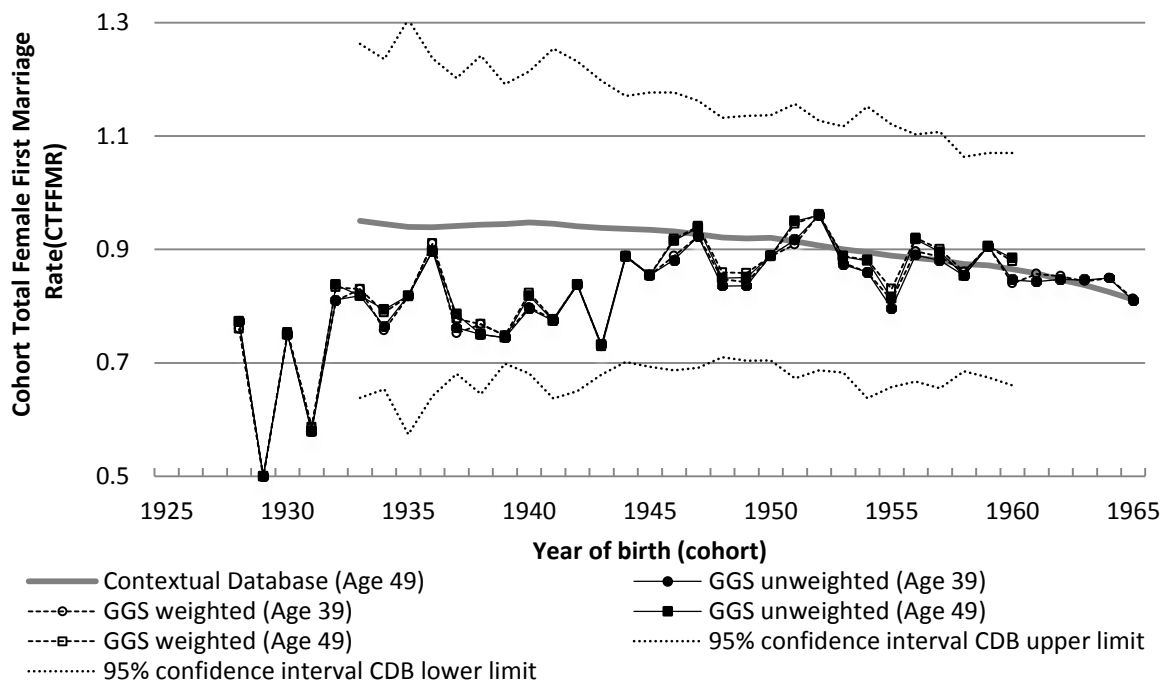
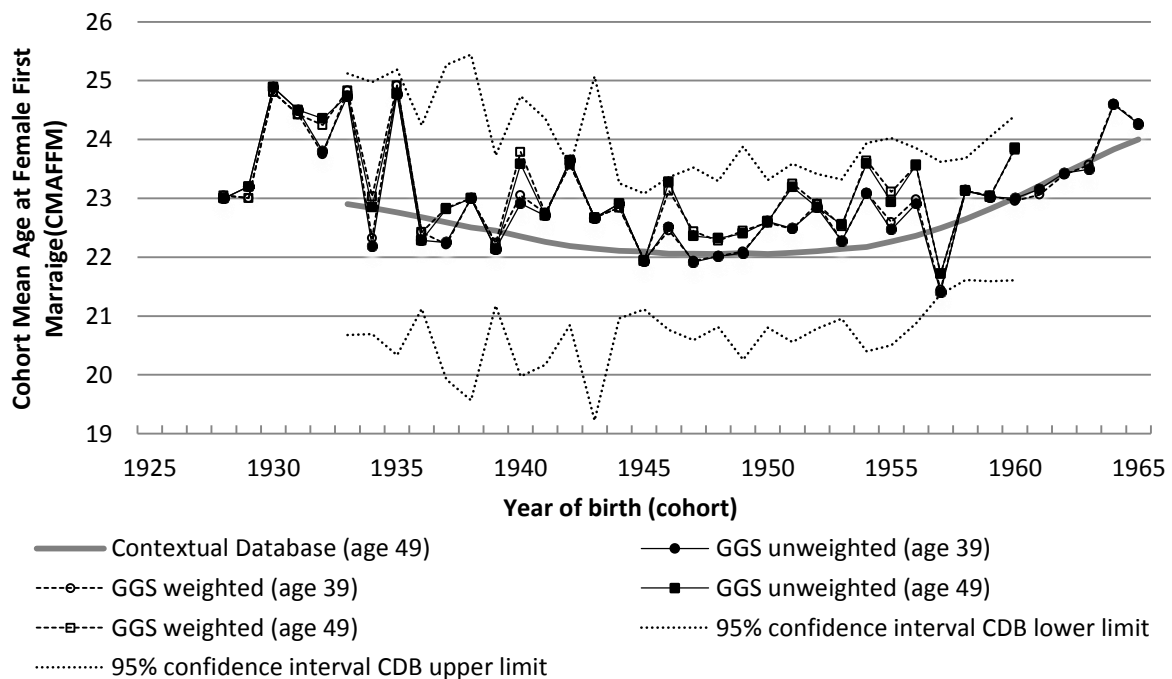


Figure 1.3.4 Cohort Mean Age at Female First Marriage Belgium



• **Period Total Fertility Rate & Mean Age at Childbearing**

Figure 1.3.5 Period Total Fertility Rate Belgium

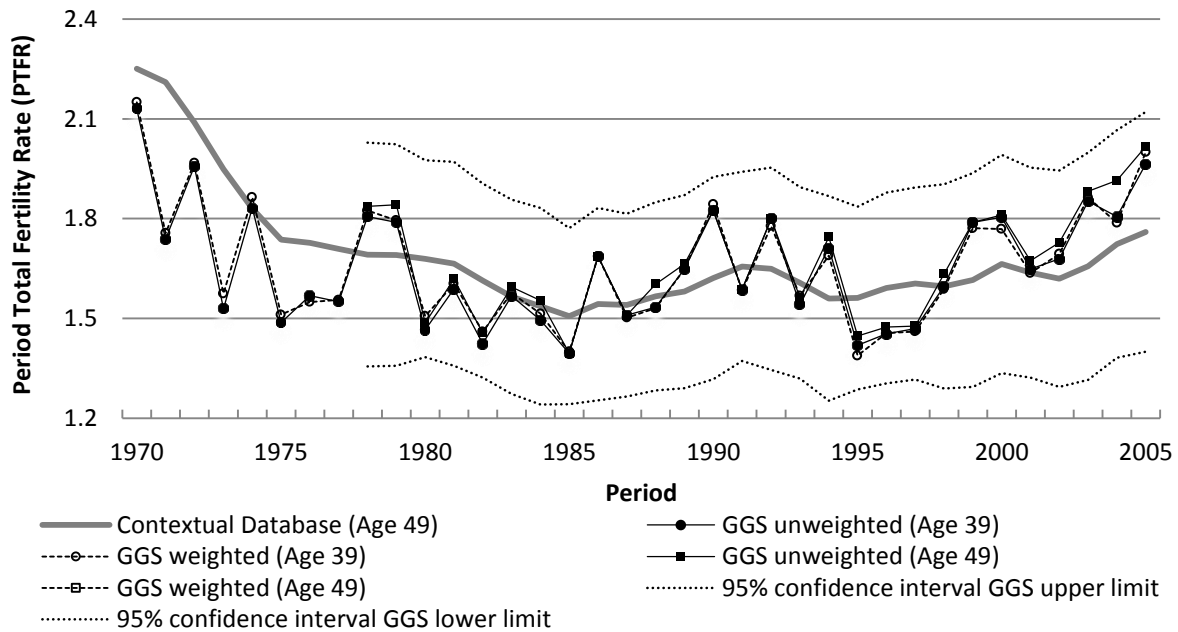
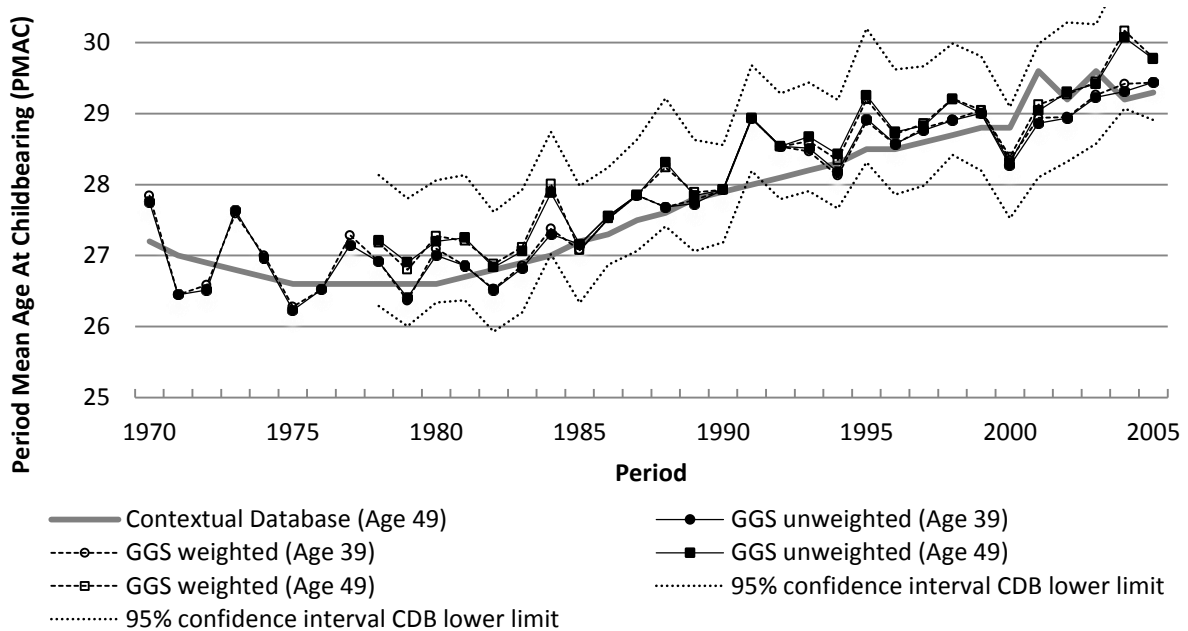


Figure 1.3.6 Period Mean Age at Childbearing Belgium



• *Cohort Total Fertility Rate & Mean Age at Childbearing*

Figure 1.3.7 Cohort Total Fertility Rate Belgium

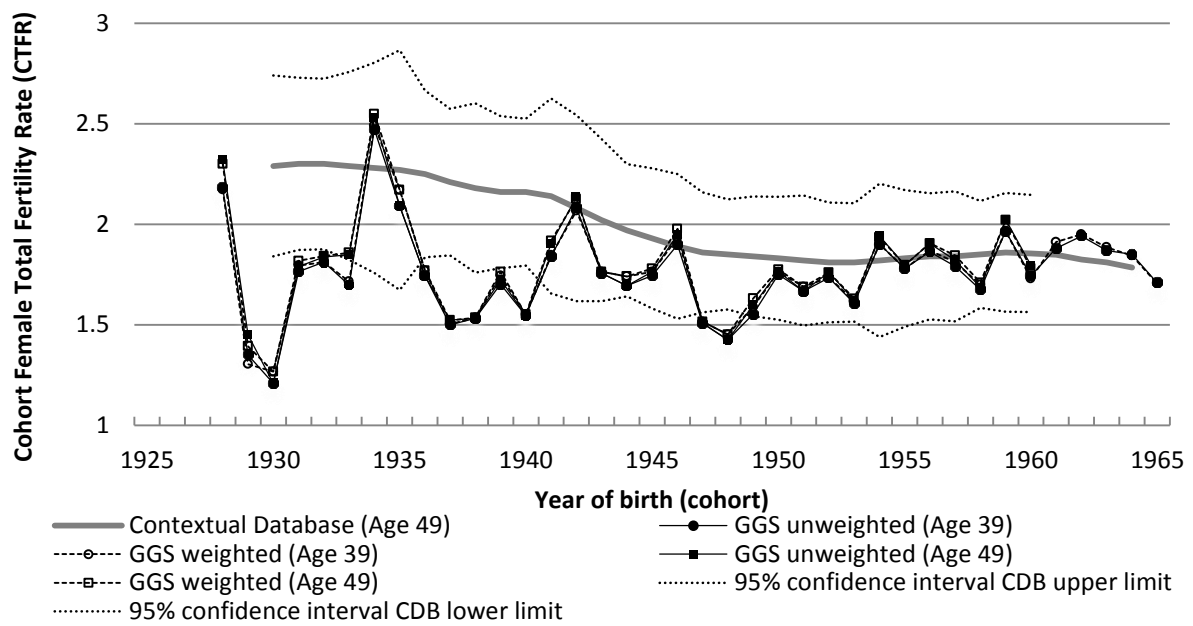
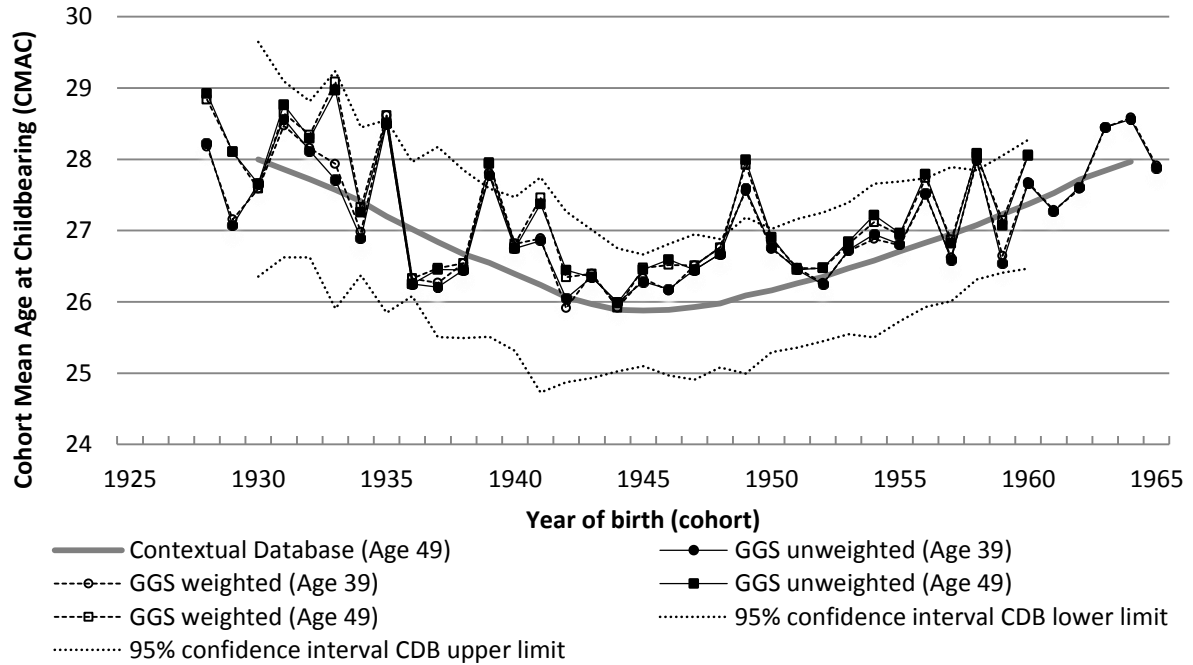


Figure 1.3.8 Cohort Mean Age at Childbearing Belgium



1.4 Bulgaria

Period Total Female First Marriage Rate & Mean Age at Female First Marriage

Figure 1.4.1 Period Total Female First Marriage Rate Bulgaria

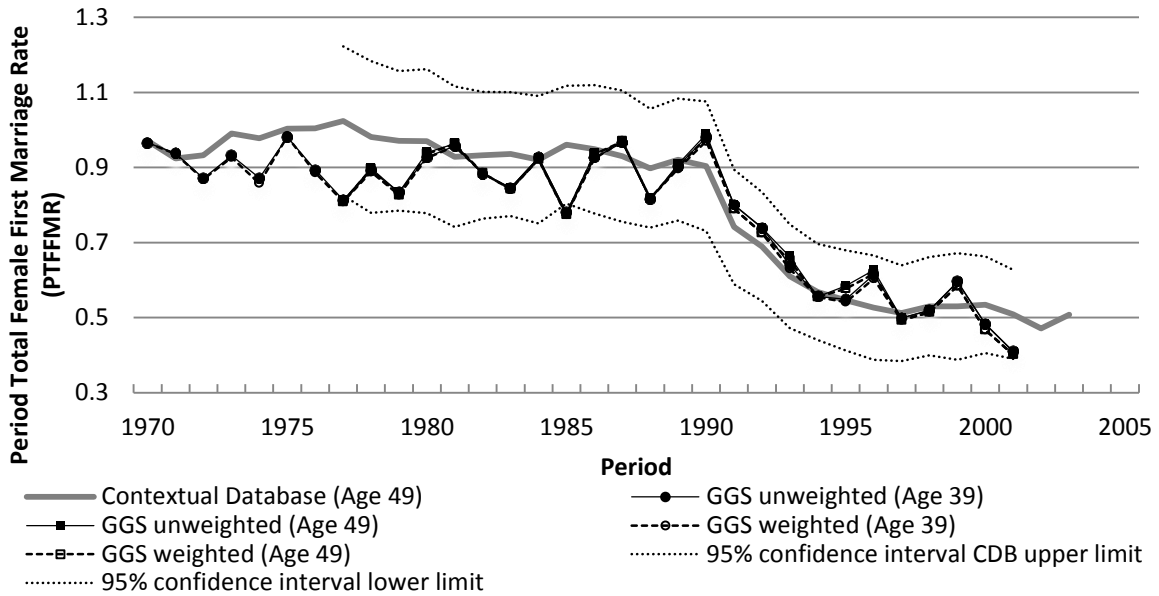
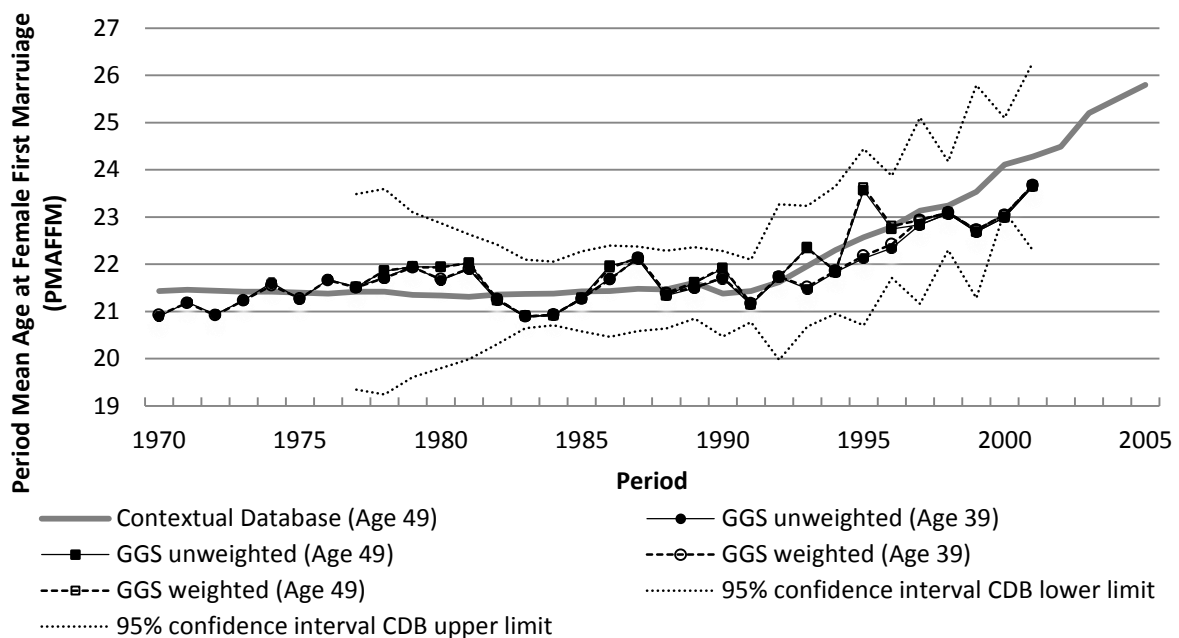


Figure 1.4.2 Period Mean Age at Female First Marriage Bulgaria



• *Cohort Total Female First Marriage Rate & Mean Age at Female First Marriage*

Figure 1.4.3 Cohort Total Female First Marriage Rate Bulgaria

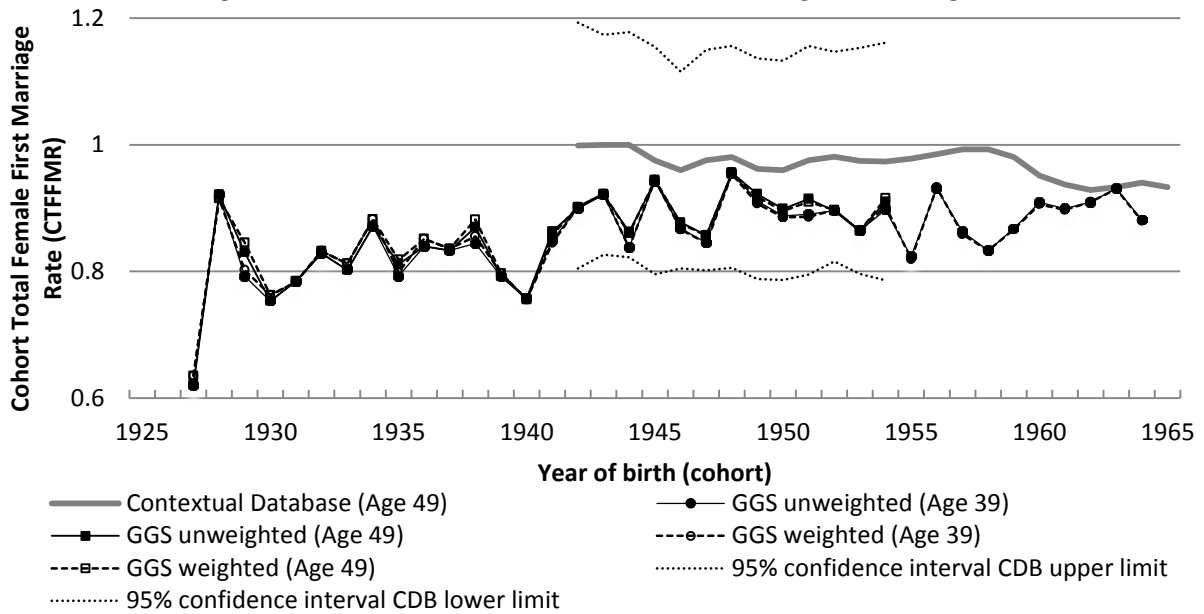
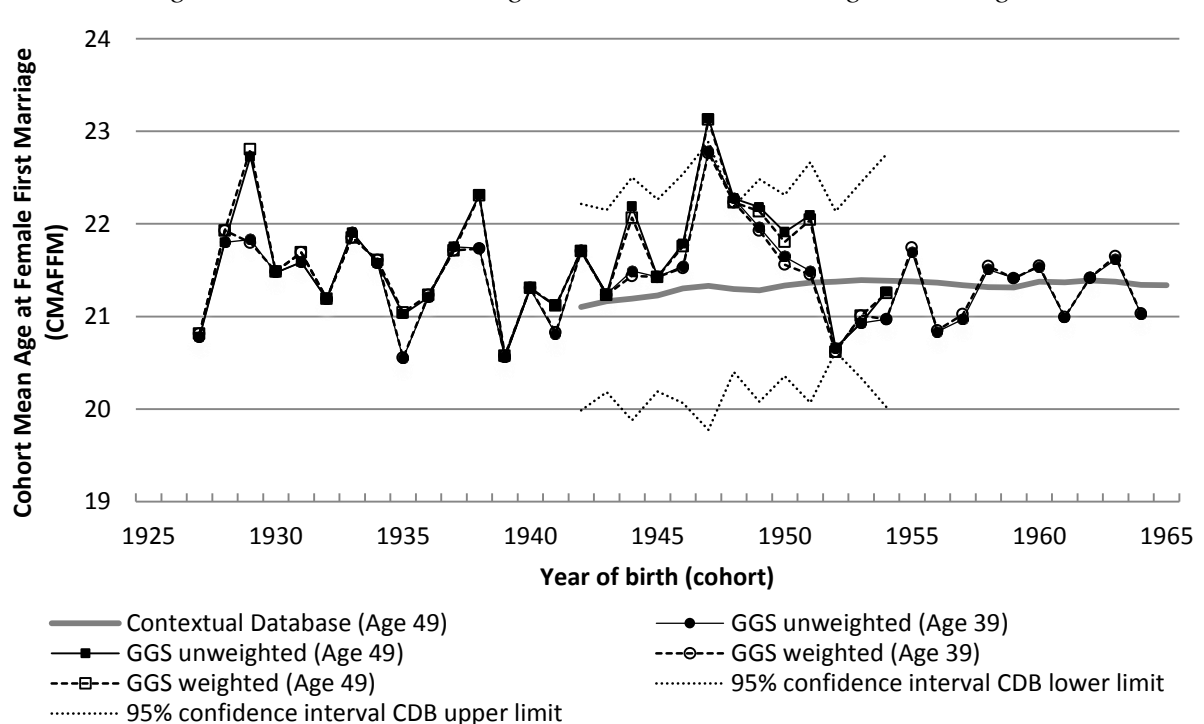


Figure 1.4.4 Cohort Mean Age at Female First Marriage Rate Bulgaria



• **Period Total Fertility Rate & Mean Age at Childbearing**

Figure 1.4.5 Period Total Fertility Rate Bulgaria

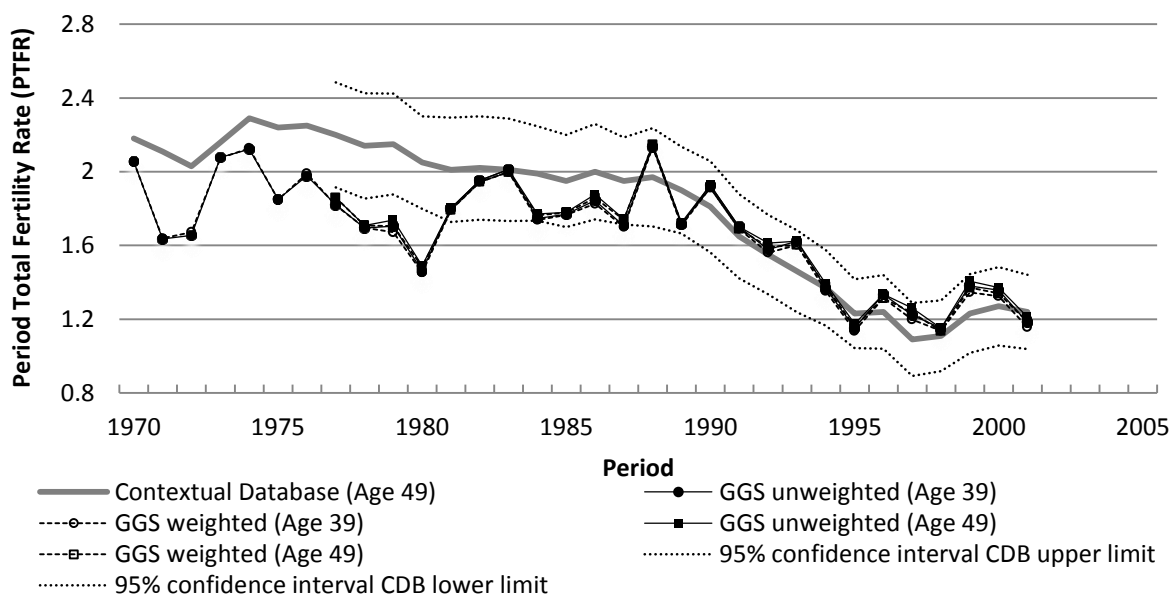
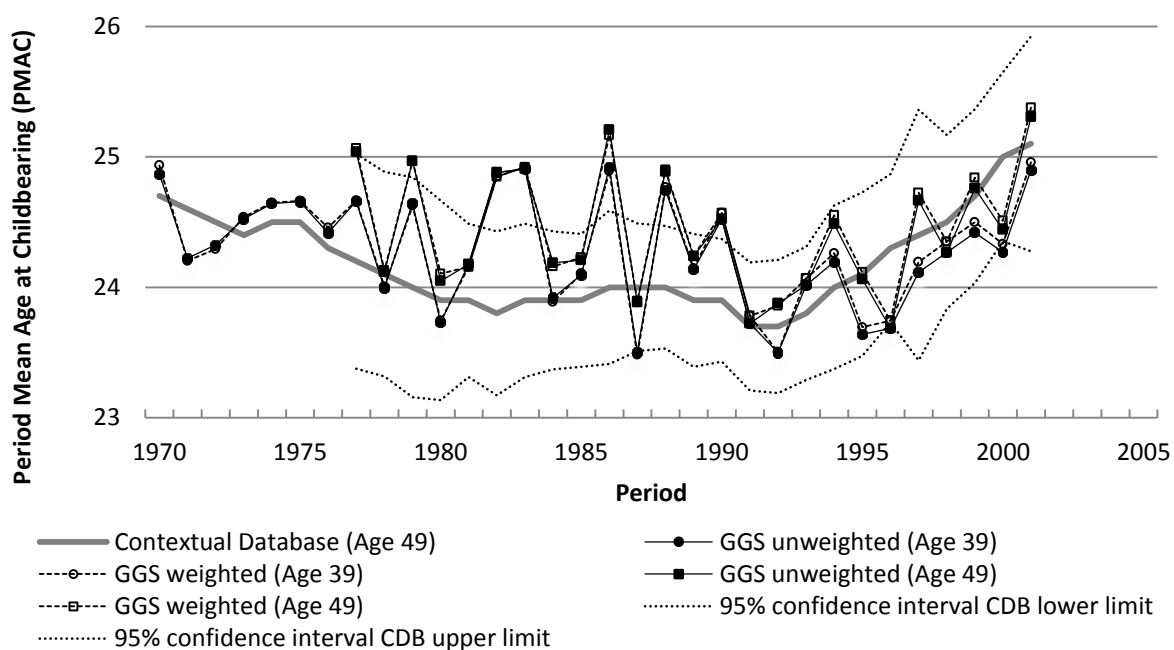


Figure 1.4.6 Period Mean Age at Childbearing Bulgaria



• *Cohort Total Fertility Rate & Mean Age at Childbearing*

Figure 1.4.7 Cohort Total Fertility Rate Bulgaria

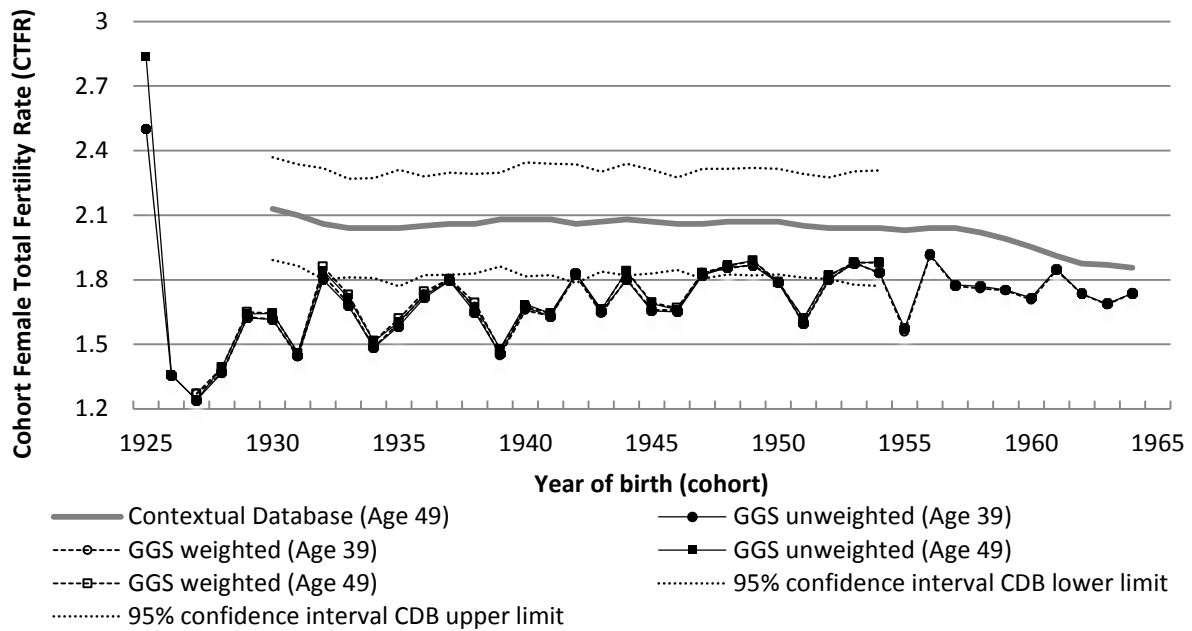
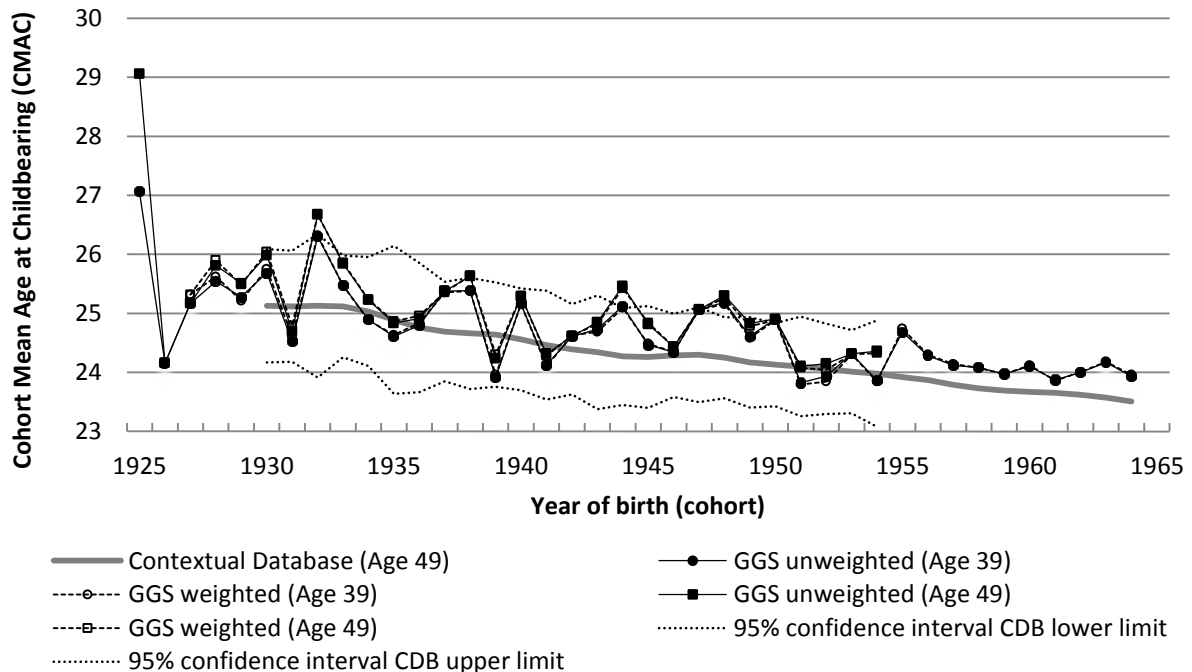


Figure 1.4.8 Cohort Mean Age at Childbearing Bulgaria



1.5 Estonia

- *Period Total Female First Marriage Rate & Mean Age at Female First Marriage*

Figure 1.5.1 Period Total Female First Marriage Rate Estonia

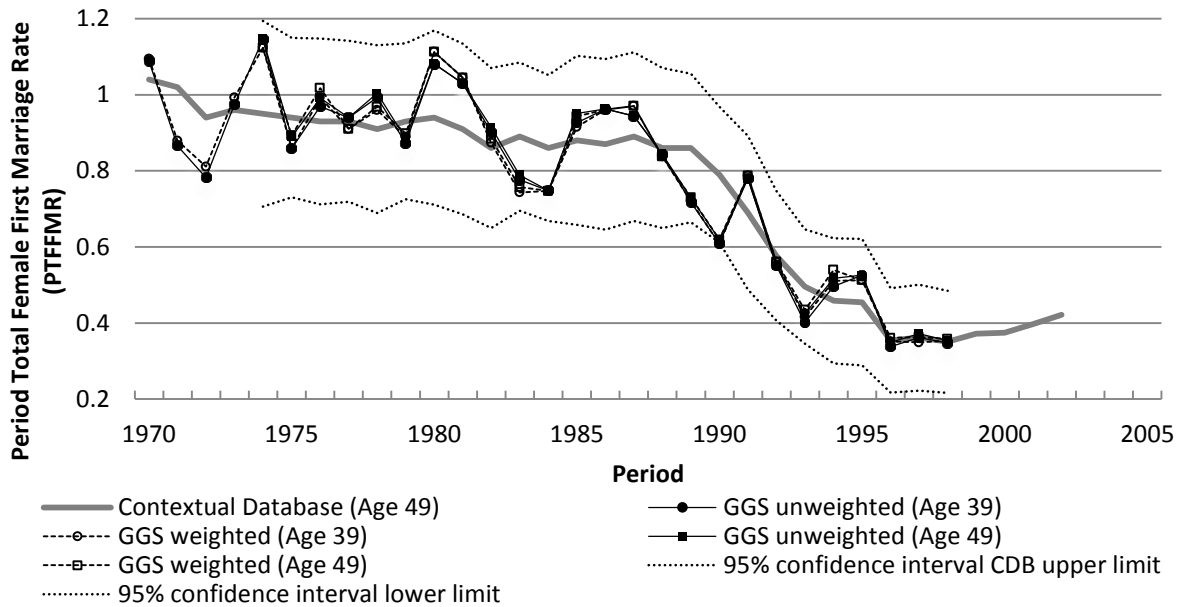
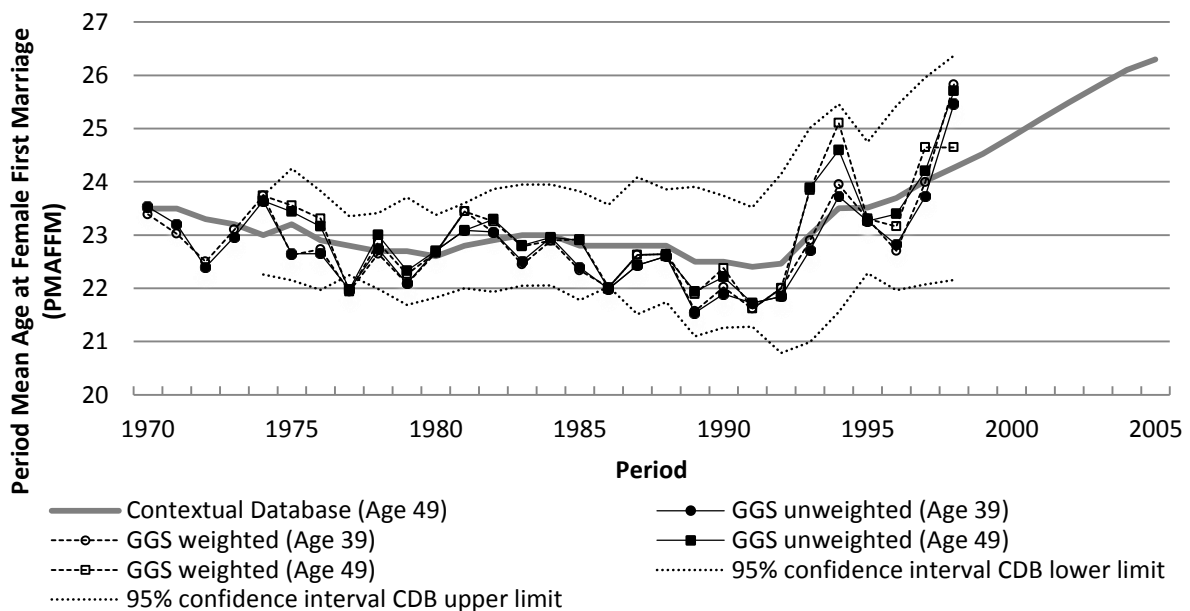


Figure 1.5.2 Period Mean Age at Female First Marriage Estonia



• *Cohort Total Female First Marriage Rate & Mean Age at Female First Marriage*

Figure 1.5.3 Cohort Total Female First Marriage Rate Estonia

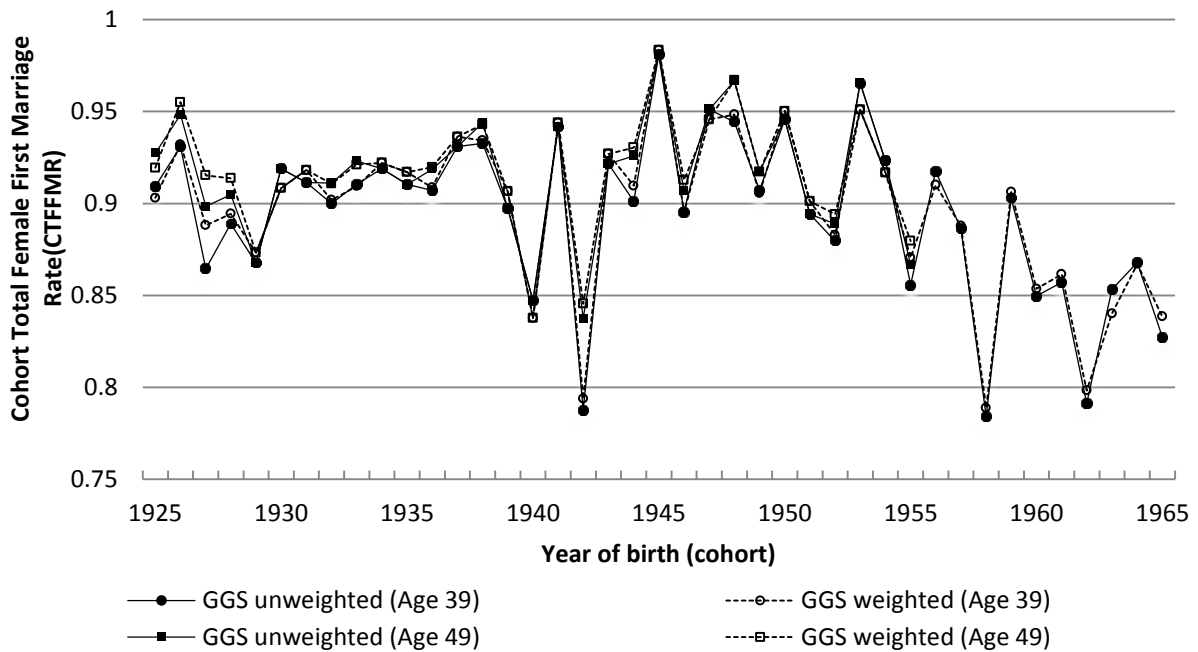
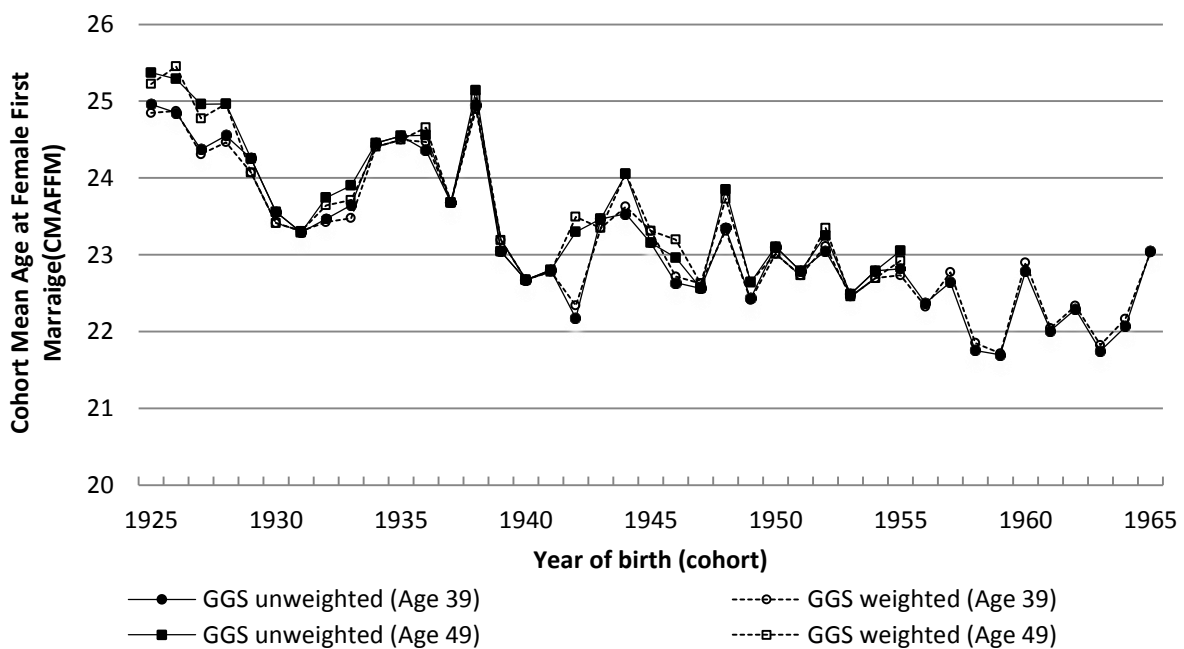


Figure 1.5.4 Cohort Mean Age at Female First Marriage Rate Estonia



- **Period Total Fertility Rate and Mean Age at Childbearing**

Figure 1.5.5 Period Total Fertility Rate Estonia

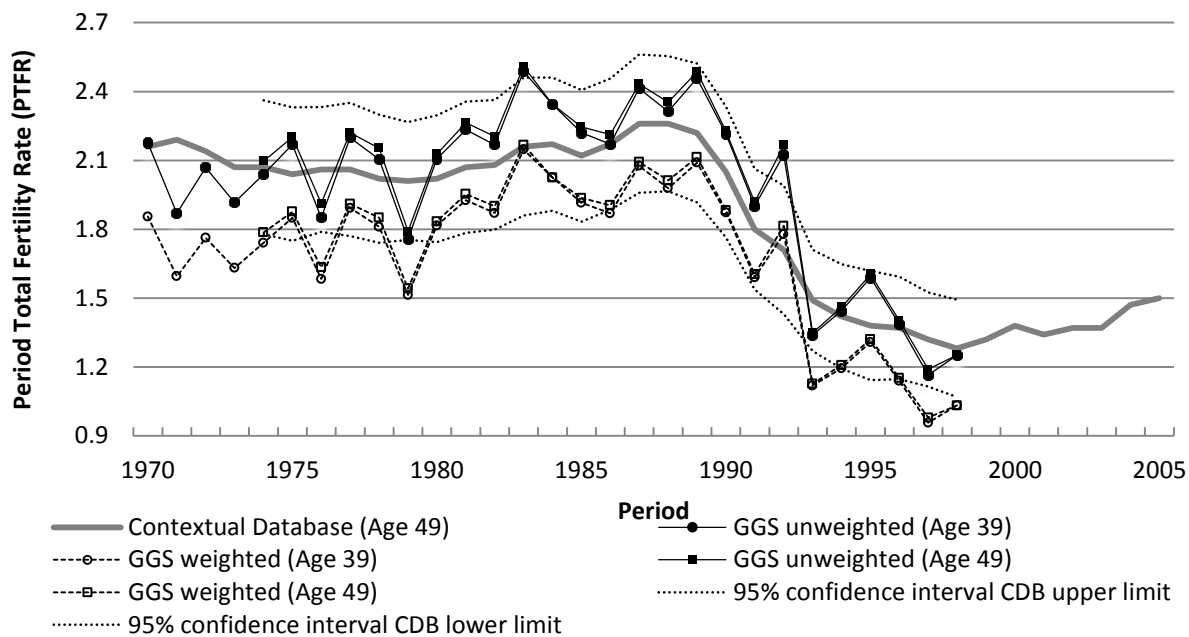
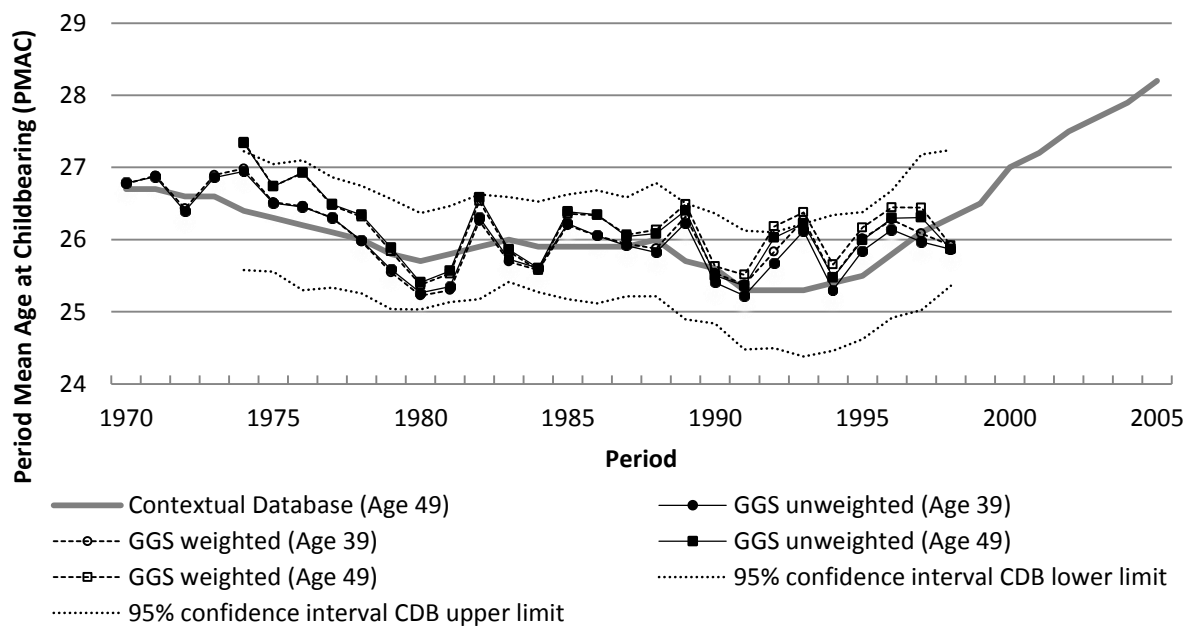


Figure 1.5.6 Period Mean Age at Childbearing Estonia



• *Cohort Total Fertility Rate and Mean Age at Childbearing*

Figure 1.5.7 Cohort Total Fertility Rate Estonia

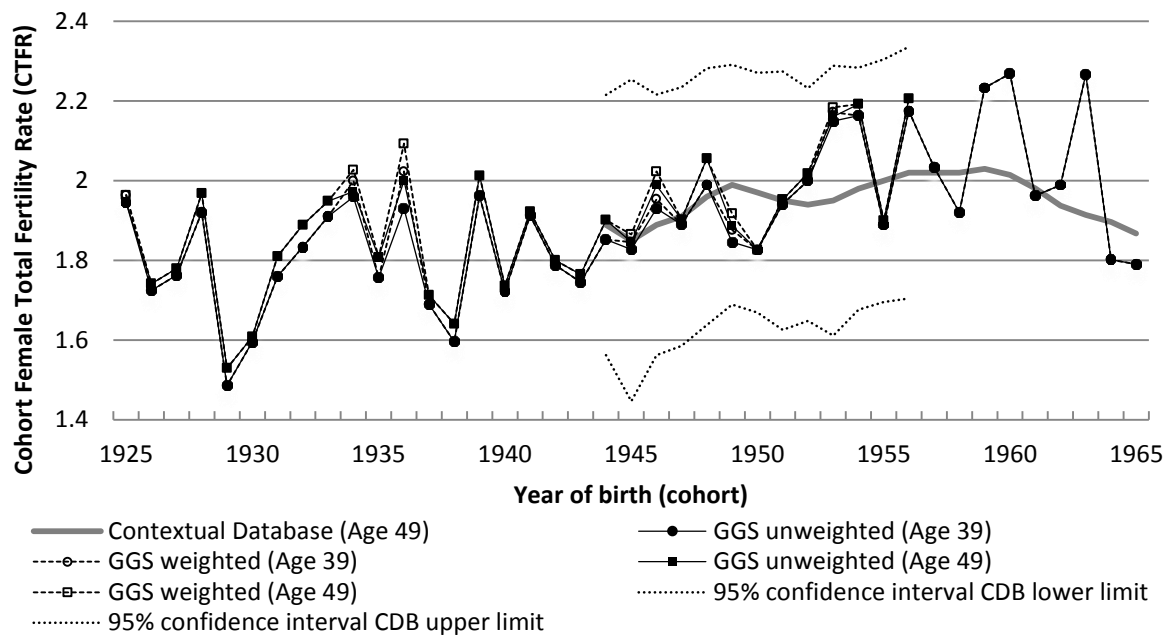
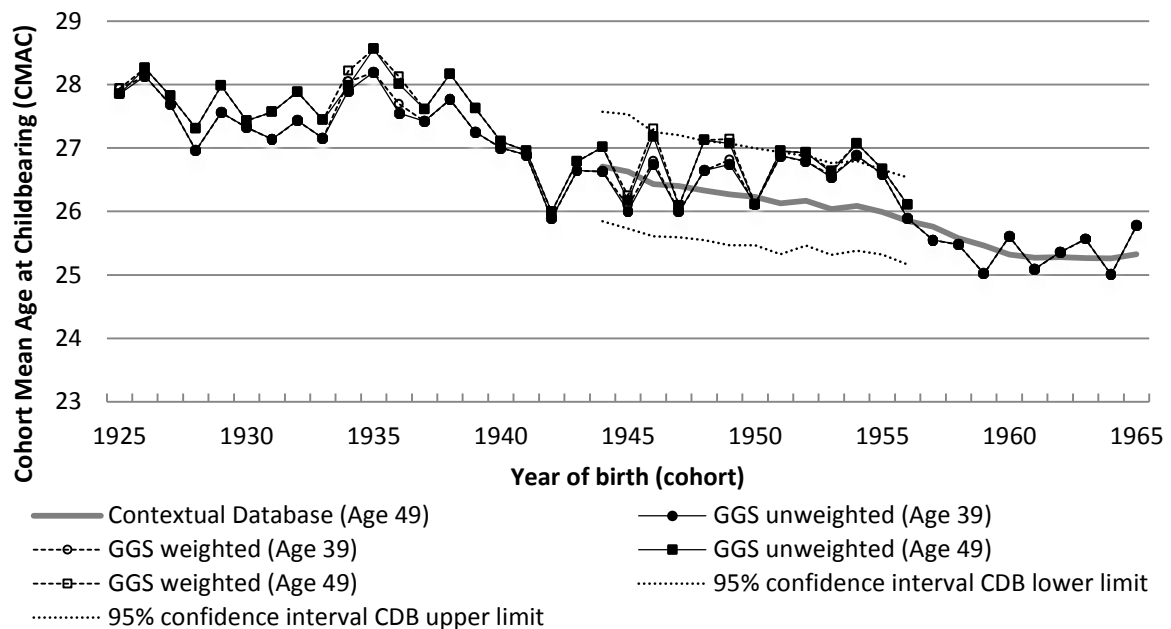


Figure 1.5.8 Cohort Mean Age at Childbearing Estonia



1.6 France

- *Period Total Female First Marriage Rate and Mean Age at Female First Marriage*

Figure 1.6.1 Period Total Female First Marriage Rate France

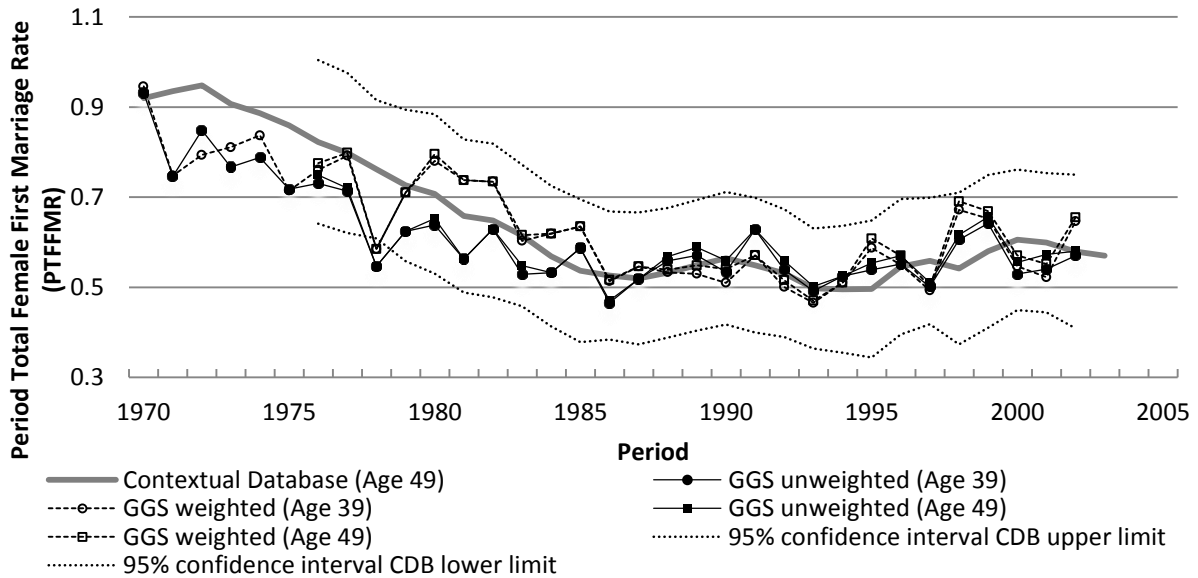
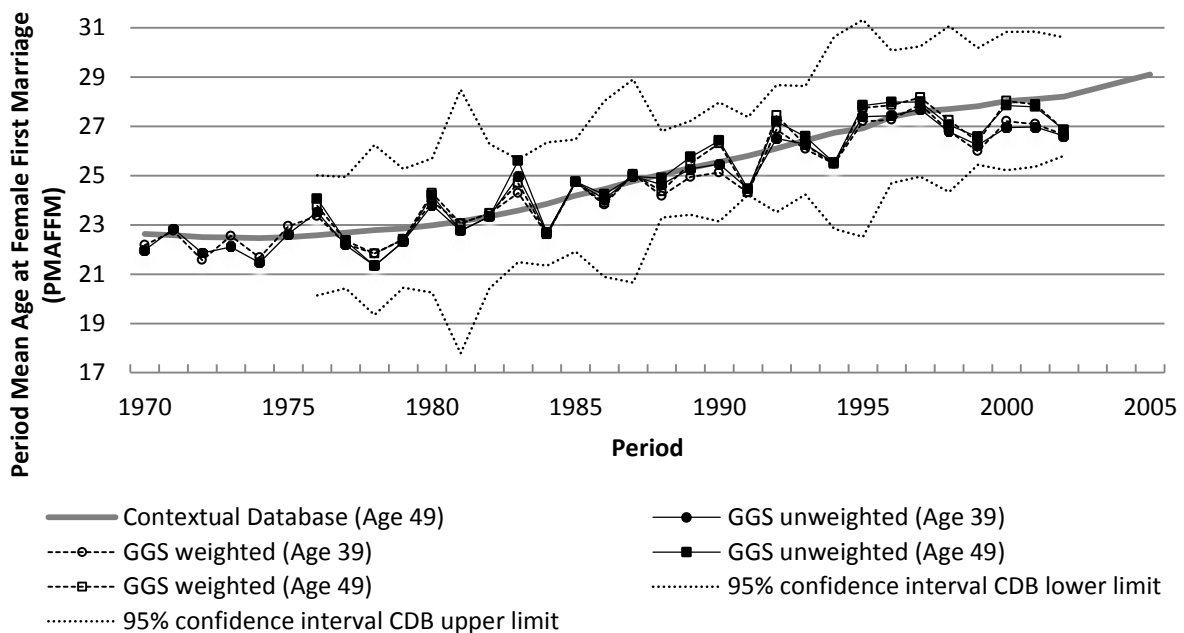


Figure 1.6.2 Period Mean Age at Female First Marriage France



• *Cohort Total Female First Marriage Rate and Mean Age at Female First Marriage*

Figure 1.6.3 Cohort Total Female First Marriage Rate France

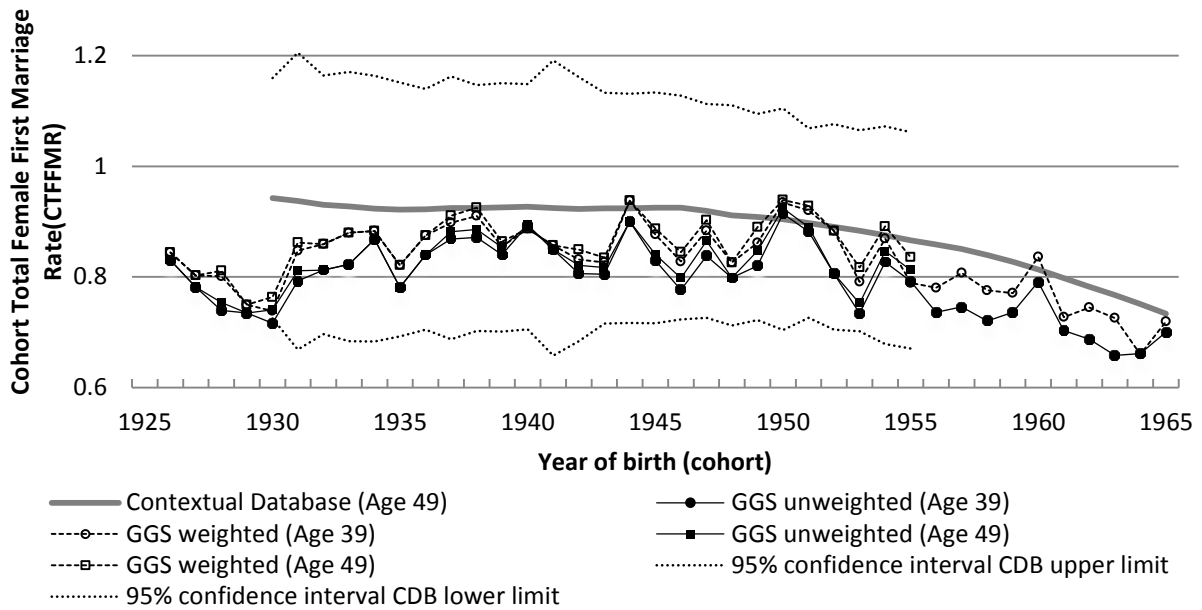
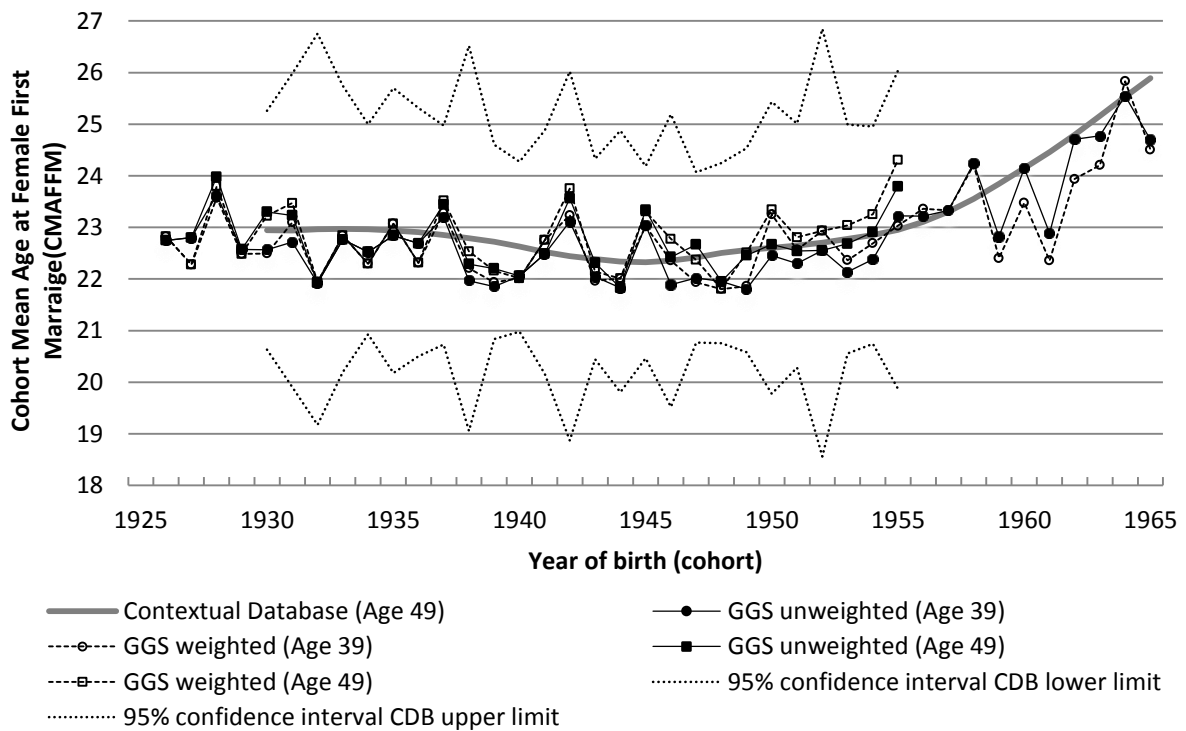


Figure 1.6.4 Cohort Mean Age at Female First Marriage France



- **Period Total Fertility Rate and Mean Age at Childbearing**

Figure 1.6.5 Period Total Fertility Rate France

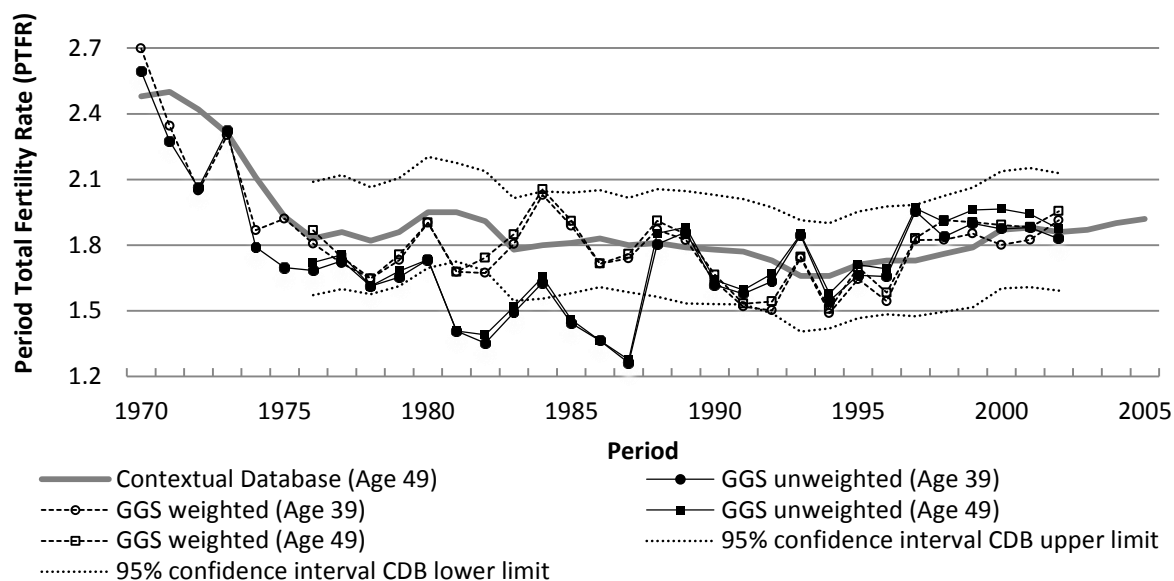
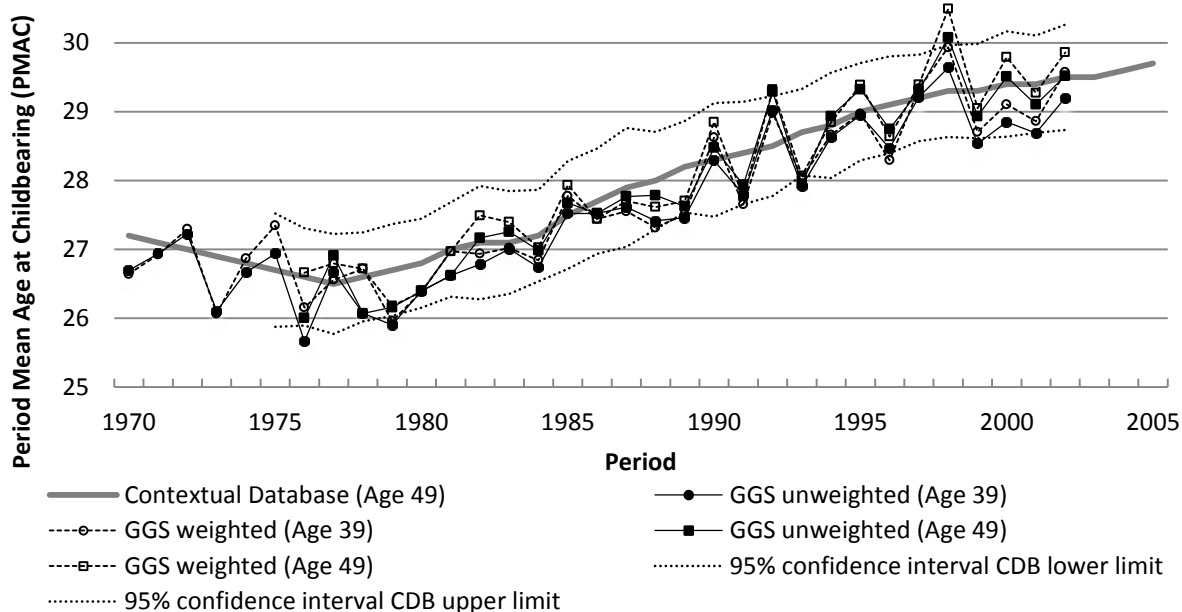


Figure 1.6.6 Period Mean Age at Childbearing France



• *Cohort Total Fertility Rate and Mean Age at Childbearing*

Figure 1.6.7 Cohort Total Fertility Rate France

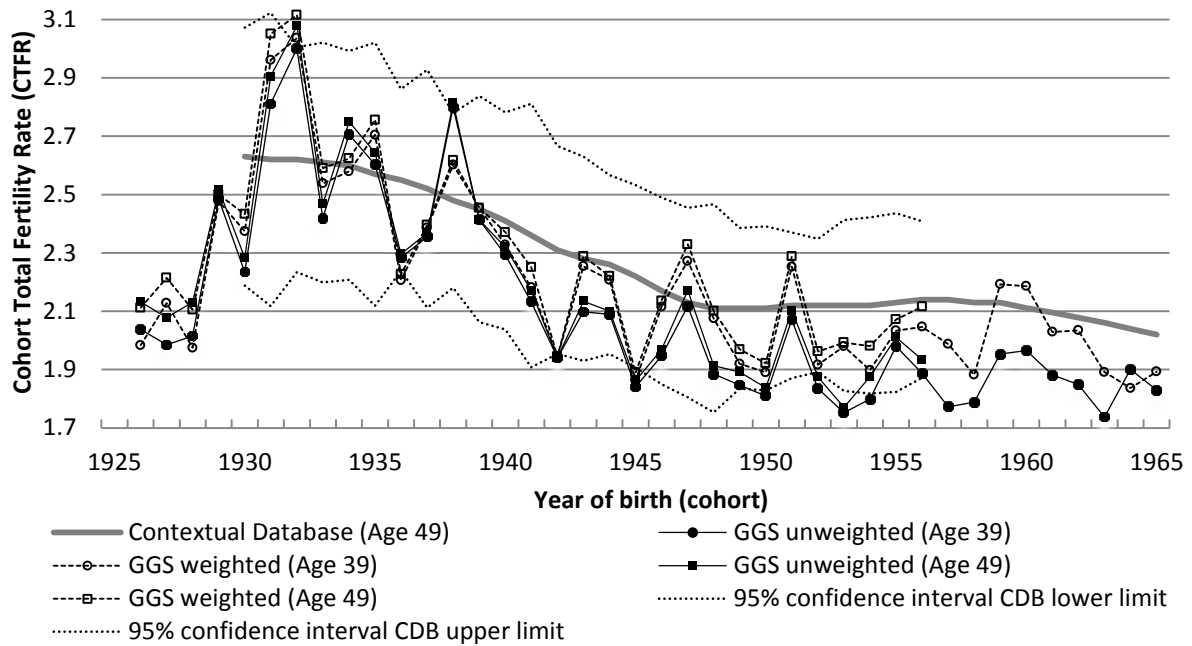
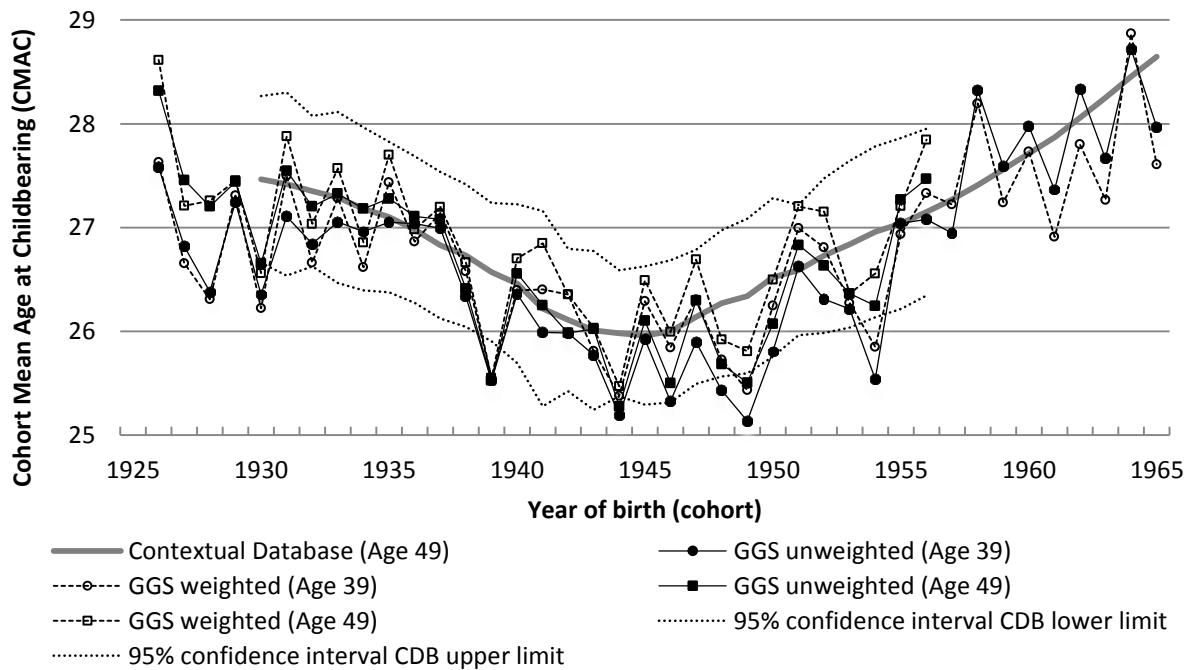


Figure 1.6.8 Cohort Mean Age at Childbearing France



1.7 Georgia

- *Period Total Female First Marriage Rate and Mean Age at Female First Marriage*

Figure 1.7.1 Period Total Female First Marriage Rate Georgia

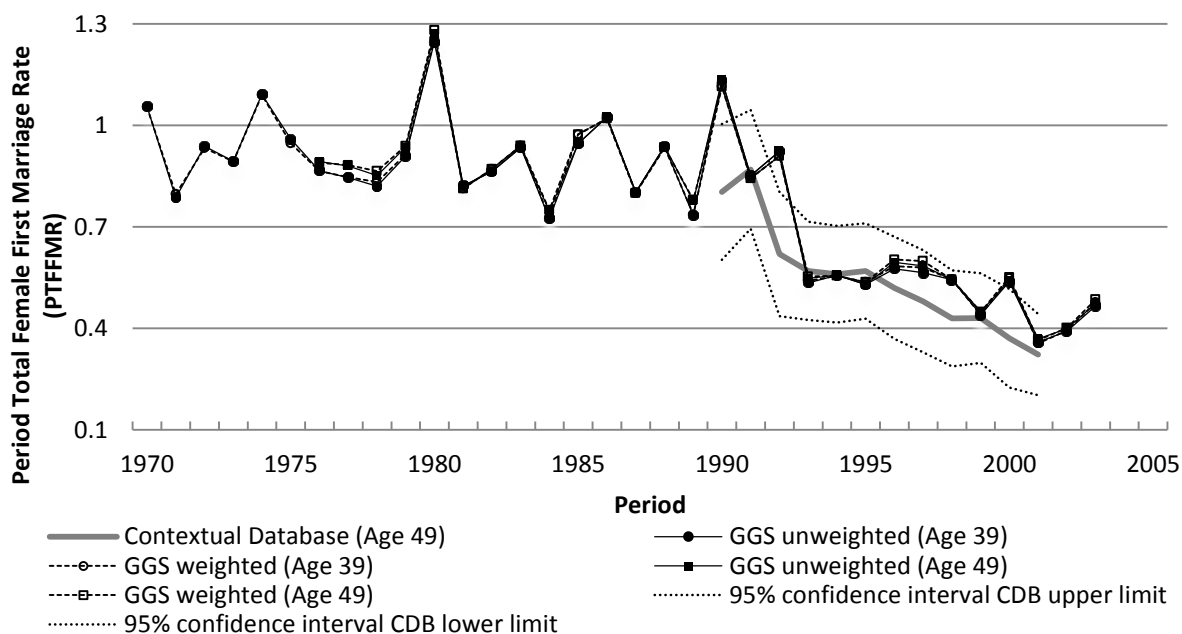
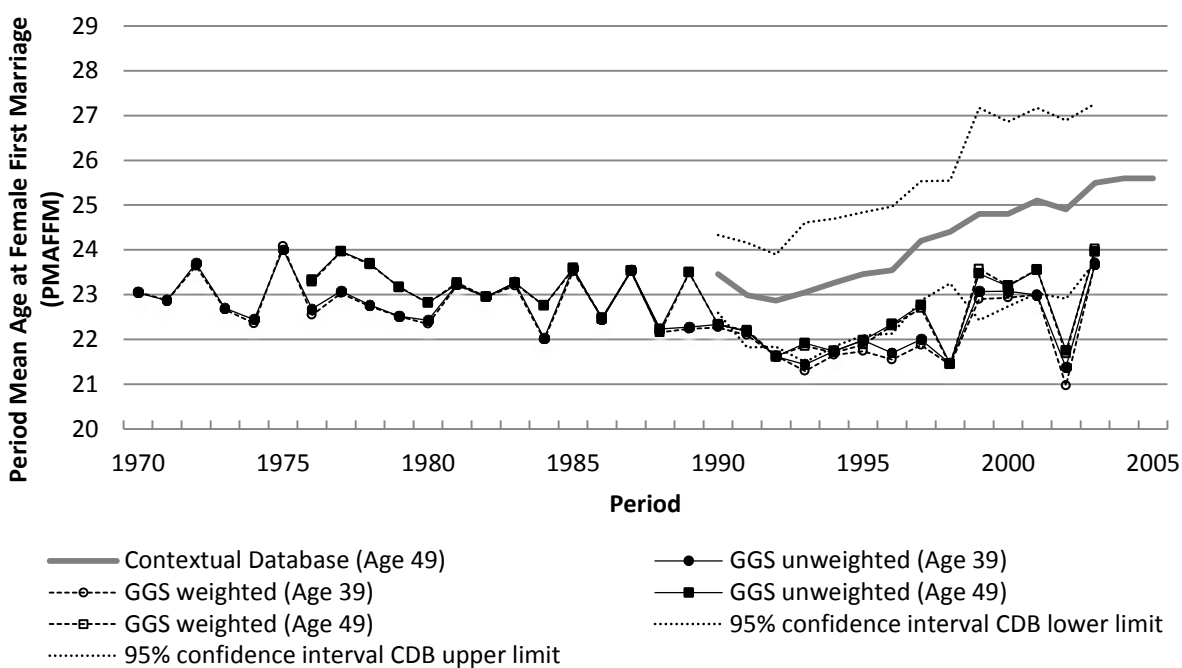


Figure 1.7.2 Period Mean Age at Female First Marriage Georgia



• *Cohort Total Female First Marriage Rate and Mean Age at Female First Marriage*

Figure 1.7.3 Cohort Total Female First Marriage Rate Georgia

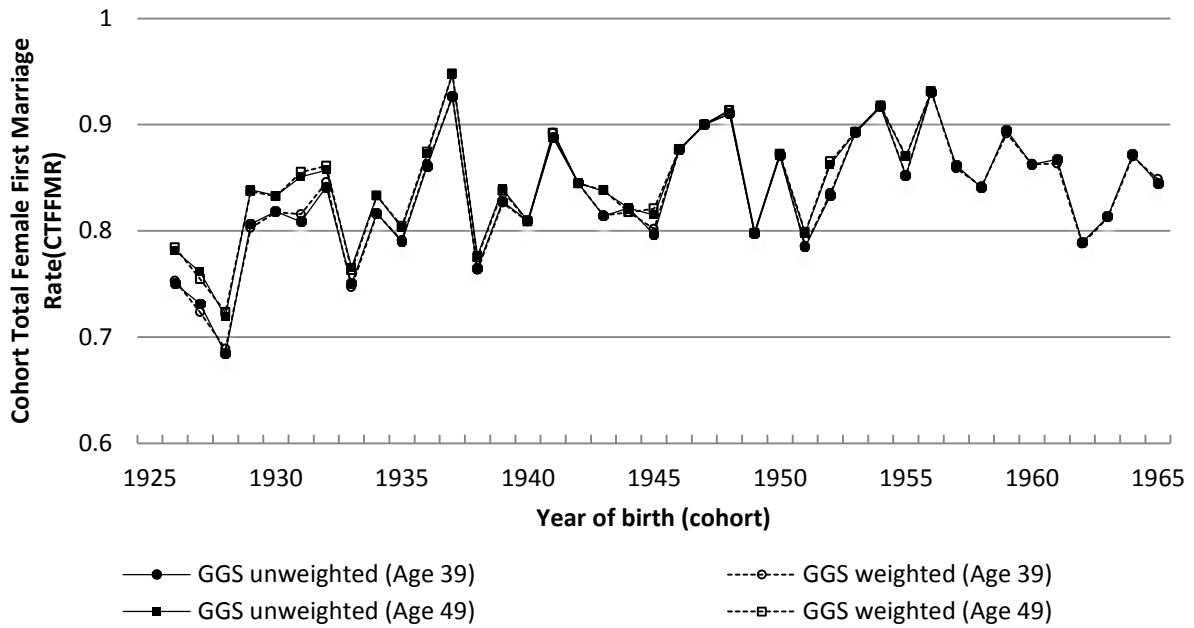
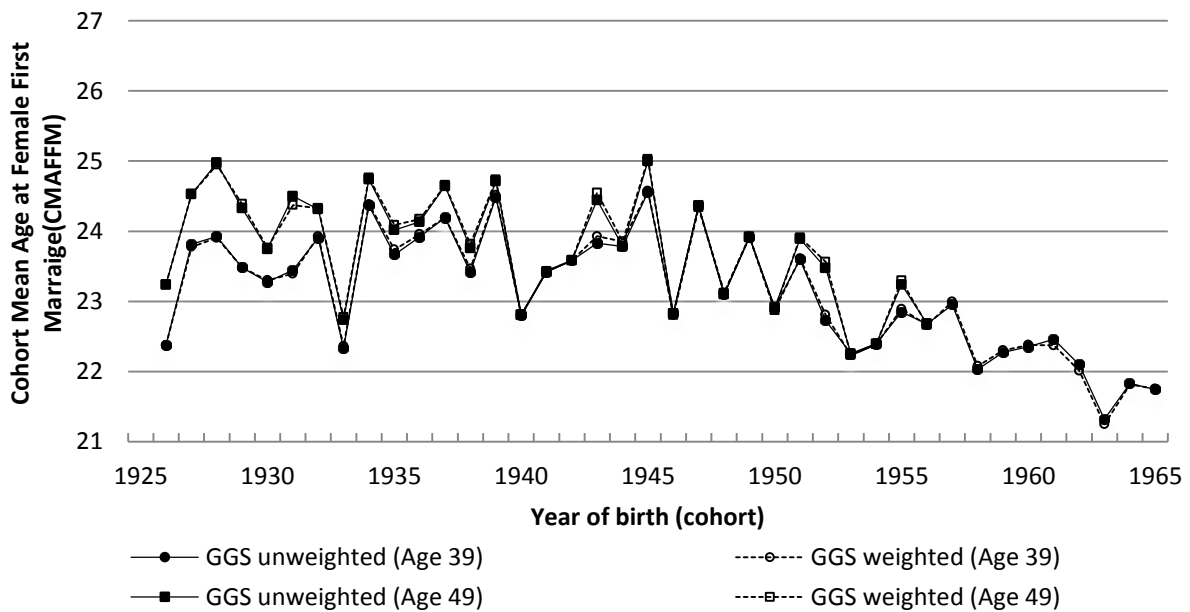


Figure 1.7.4 Cohort Mean Age at Female First Marriage Georgia



- **Period Total Fertility Rate and Mean Age at Childbearing**

Figure 1.7.5 Period Total Fertility Rate Georgia

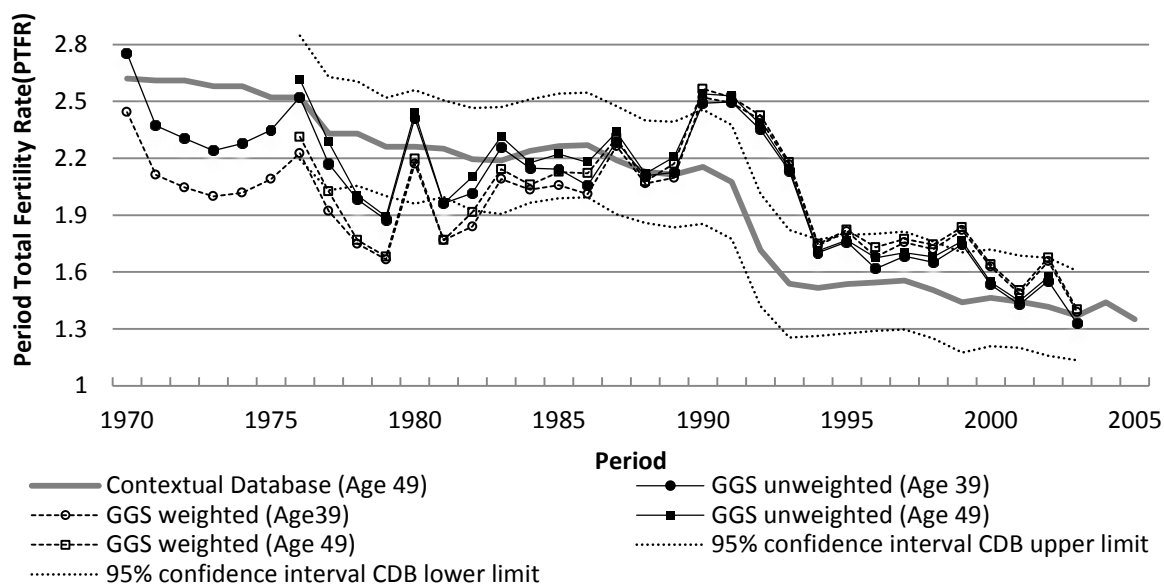
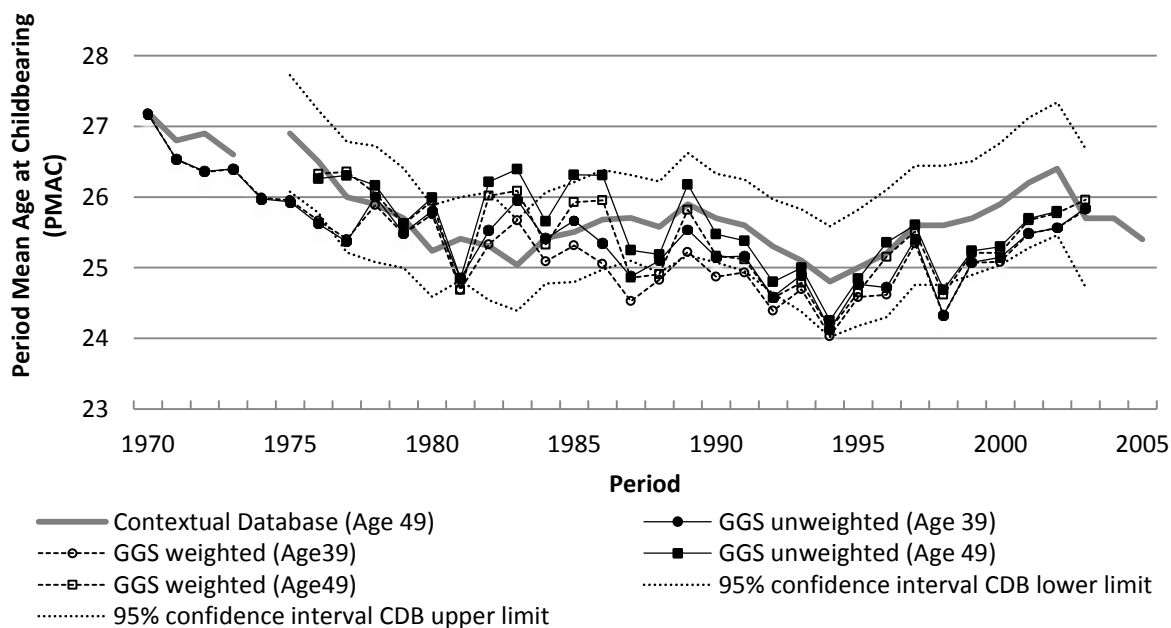


Figure 1.7.6 Period Mean Age at Childbearing Georgia



• **Cohort Total Fertility Rate and Mean Age at Childbearing**

Figure 1.7.7 Cohort Total Fertility Rate Georgia

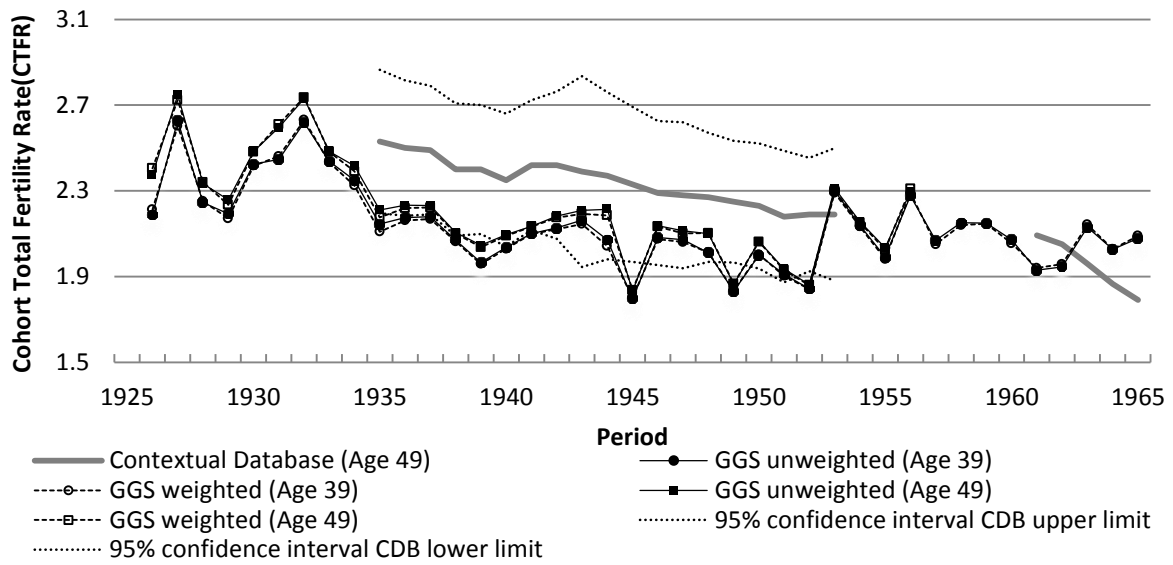
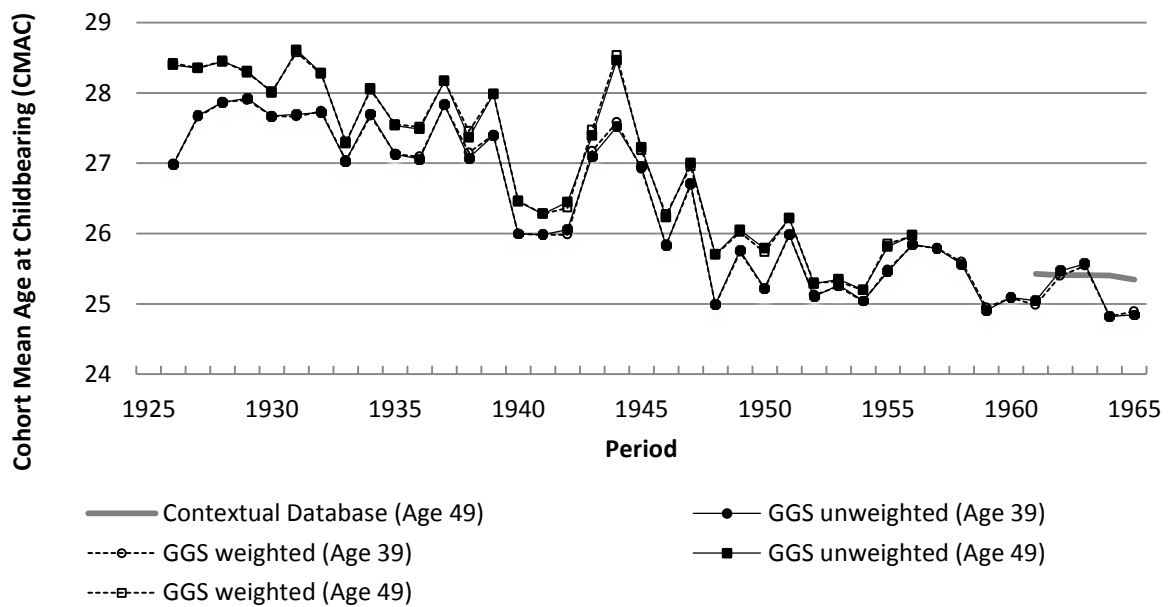


Figure 1.7.8 Cohort Mean Age at Childbearing Georgia



1.8 Germany

- *Period Total Female First Marriage Rate and Mean Age at Female First Marriage*

Figure 1.8.1 Period Total Female First Marriage Rate Germany

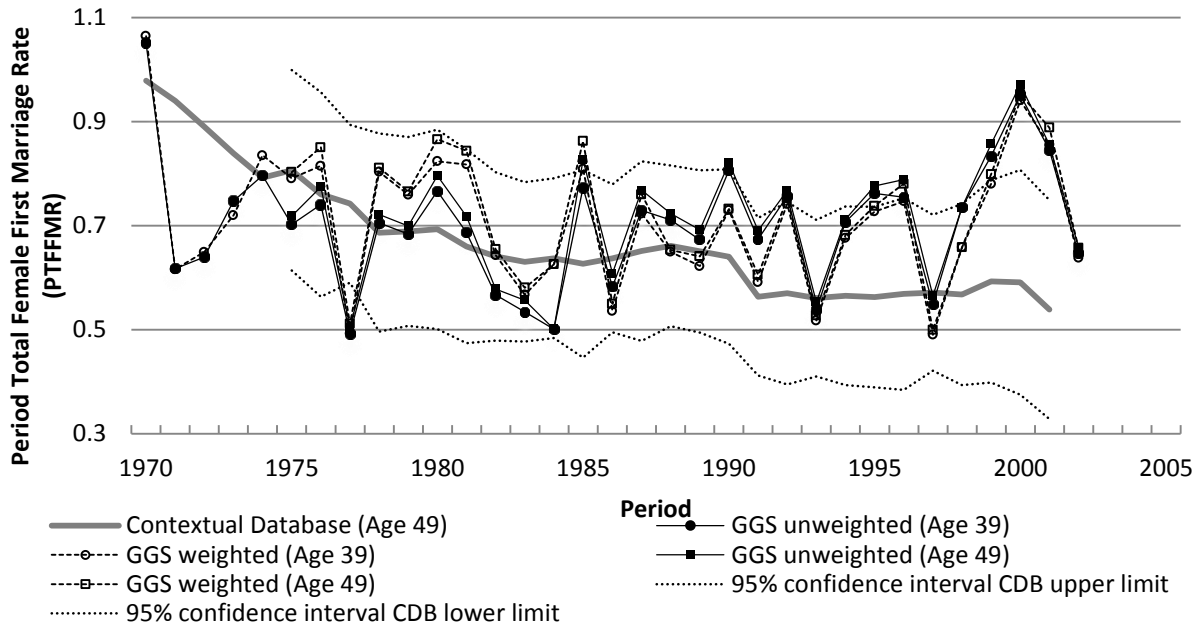
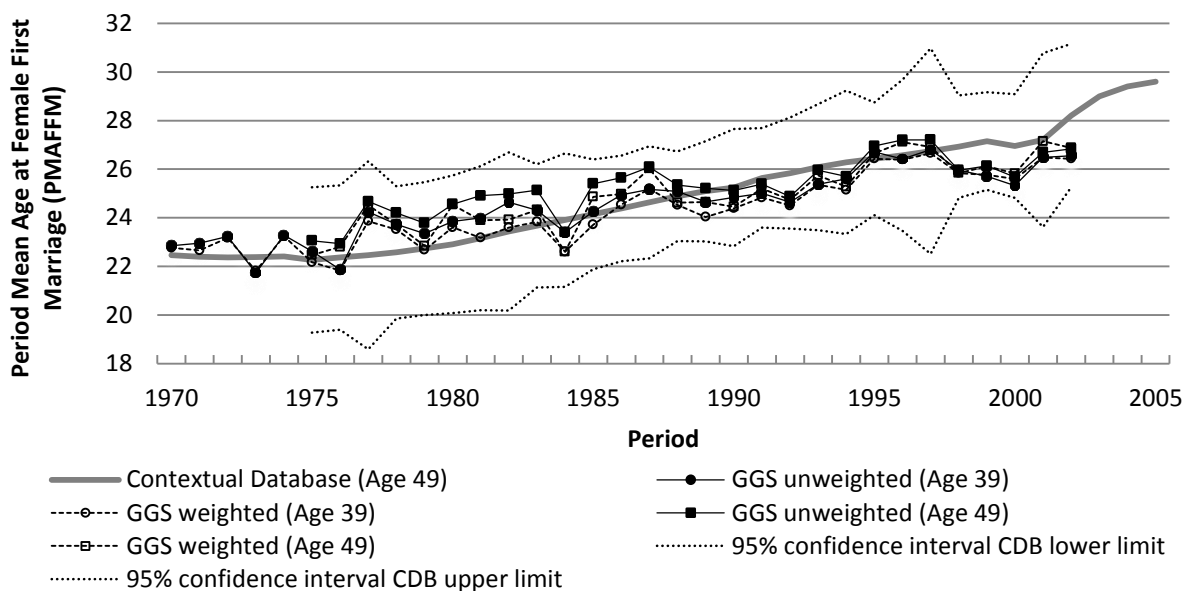


Figure 1.8.2 Period Mean Age at Female First Marriage Germany



• *Cohort Total Female First Marriage Rate and Mean Age at Female First Marriage*

Figure 1.8.3 Cohort Total Female First Marriage Rate Germany

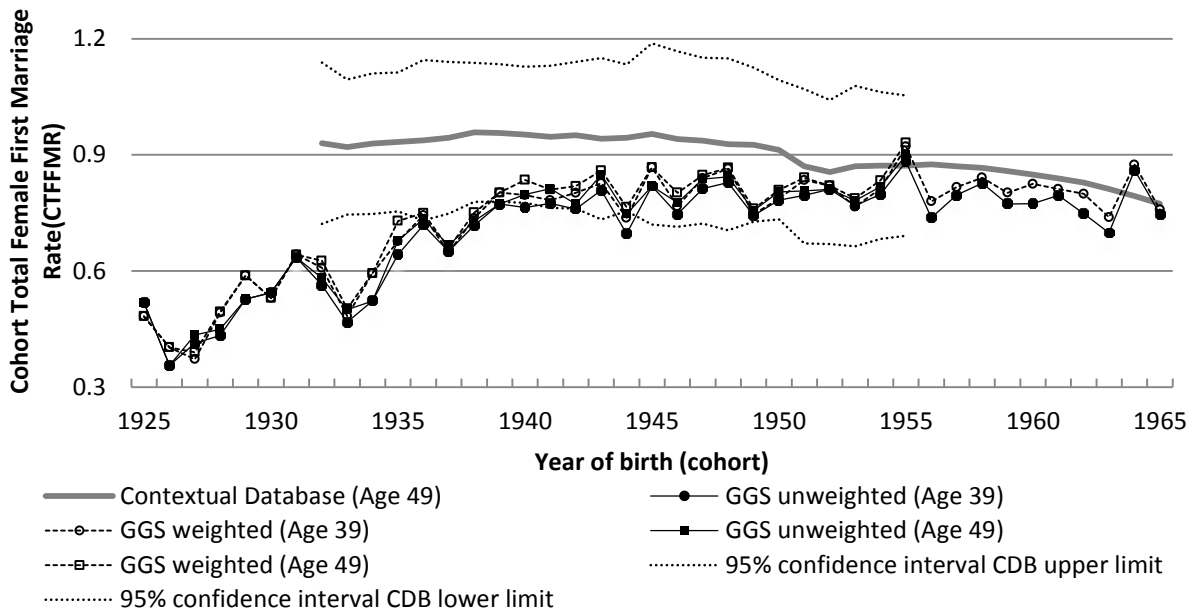
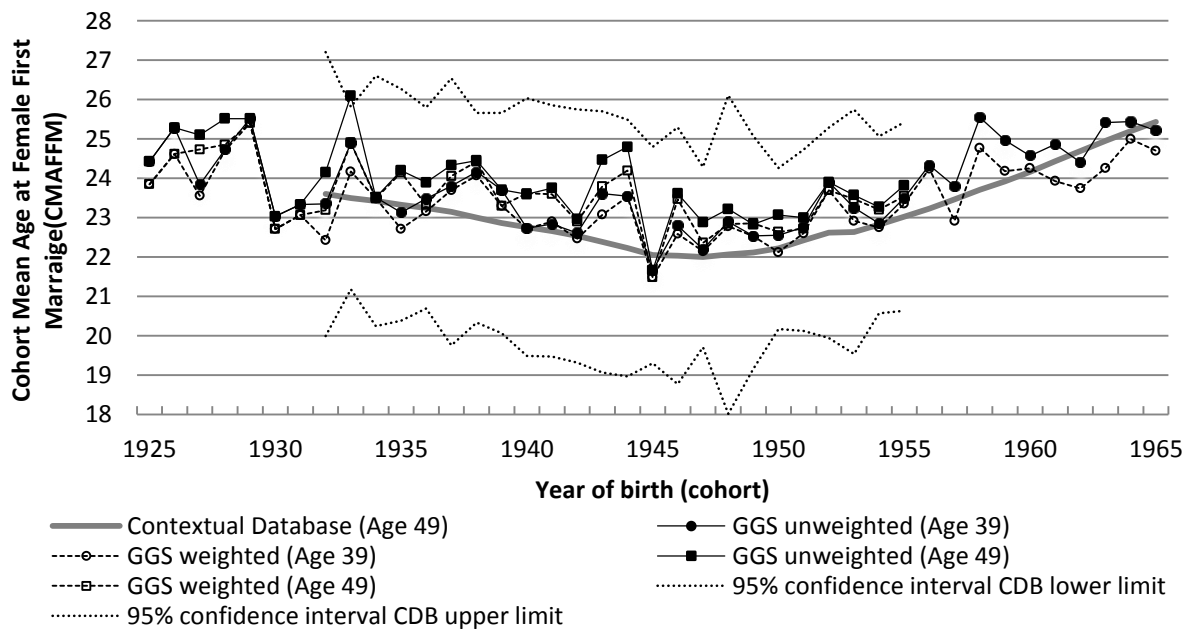


Figure 1.8.4 Cohort Mean Age at Female First Marriage Germany



- **Period Total Fertility Rate and Mean Age at Childbearing**

Figure 1.8.5 Period Total Fertility Rate Germany

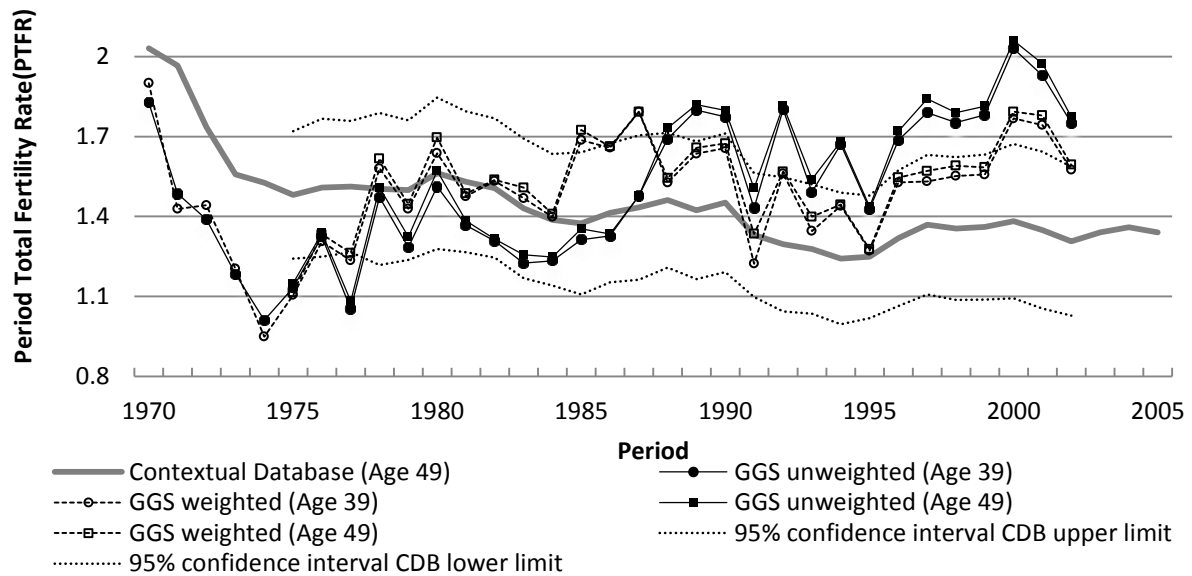
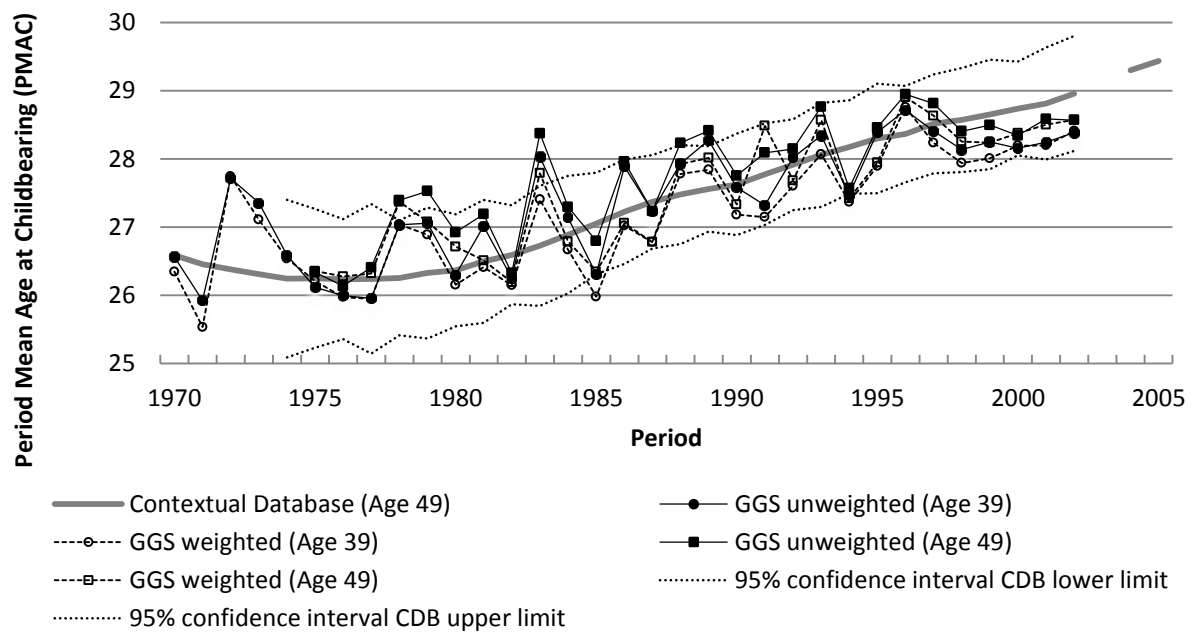


Figure 1.8.6 Period Mean Age at Childbearing Germany



- **Cohort Total Fertility Rate and Mean Age at Childbearing**

Figure 1.8.7 Cohort Total Fertility Rate Germany

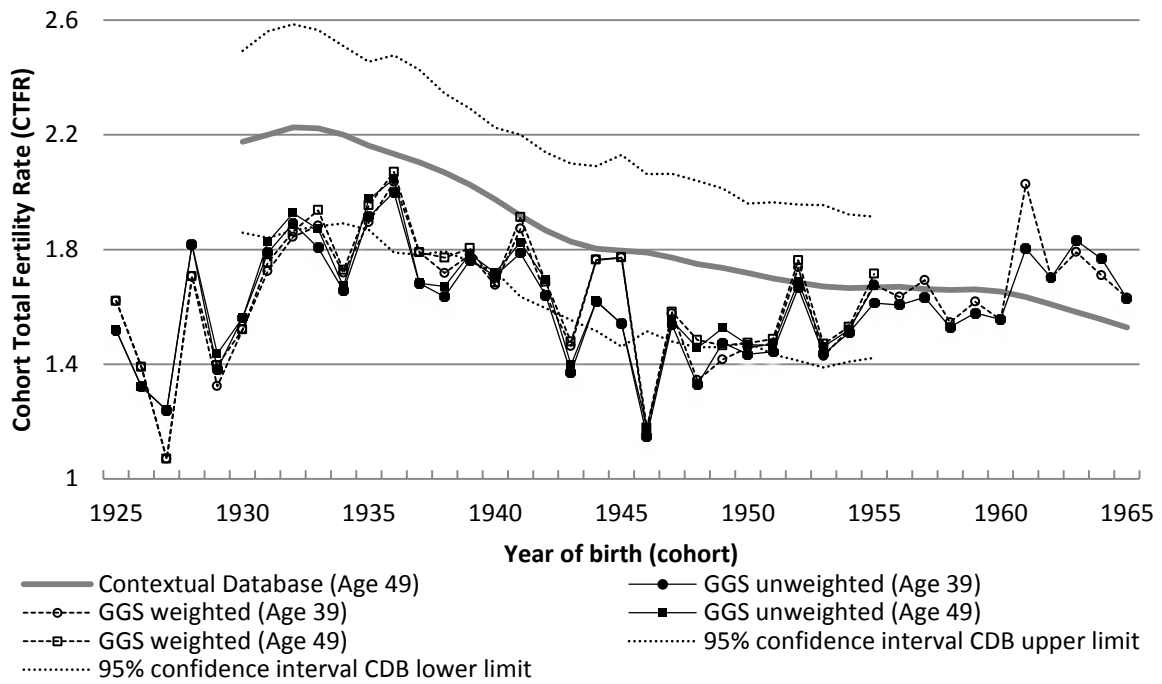
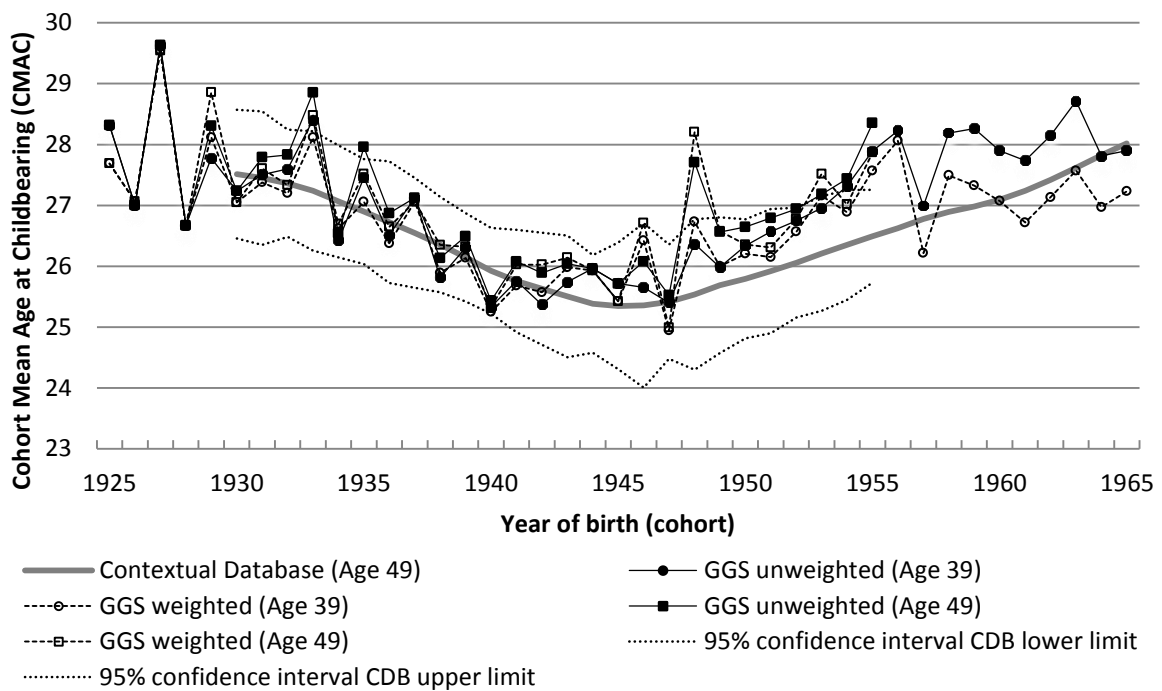


Figure 1.8.8 Cohort Mean Age at Childbearing Germany



1.9 Hungary

- *Period Total Female First Marriage Rate and Mean Age at Female First Marriage*

Figure 1.9.1 Period Total Female First Marriage Rate Hungary

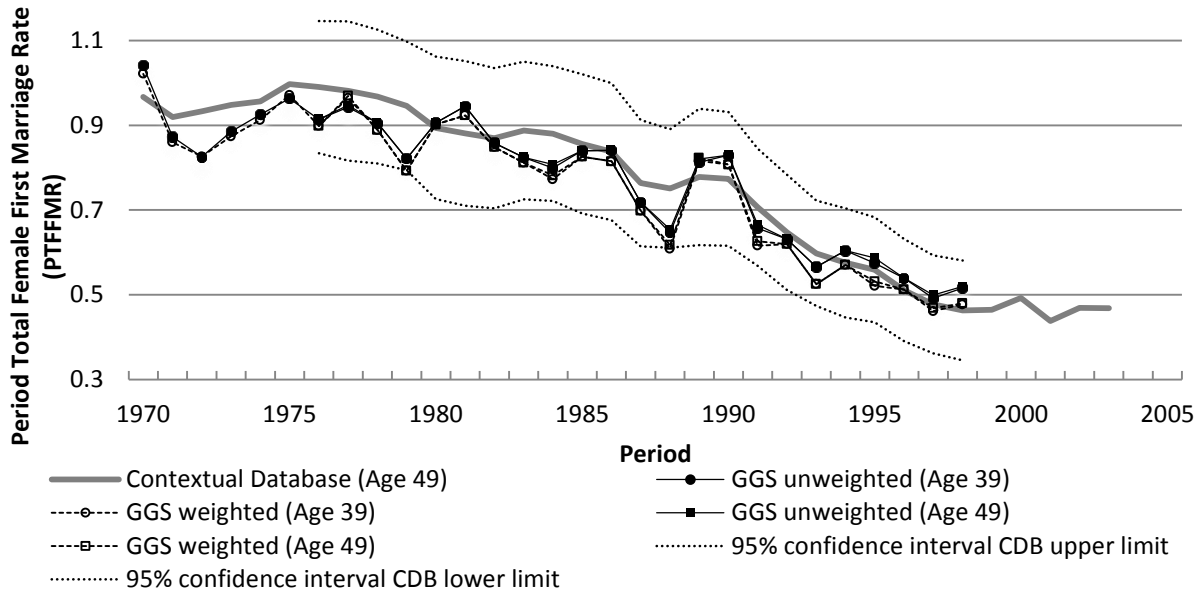
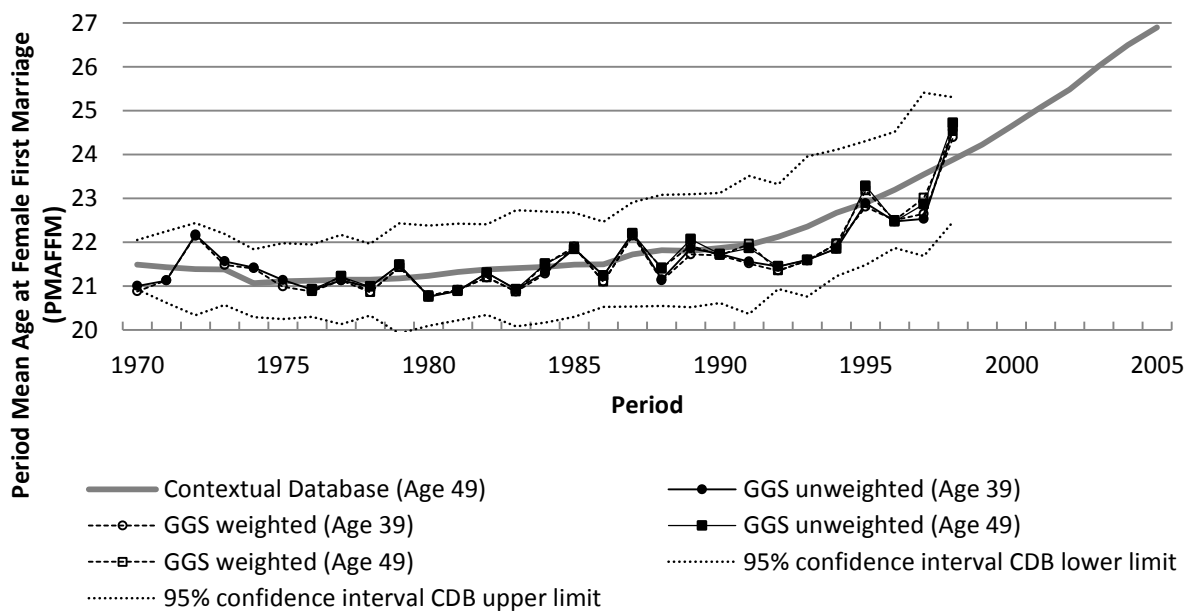


Figure 1.9.2 Period Mean Age at Female First Marriage Hungary



• *Cohort Total Female First Marriage Rate and Mean Age at Female First Marriage*

Figure 1.9.3 Cohort Total Female First Marriage Rate Hungary

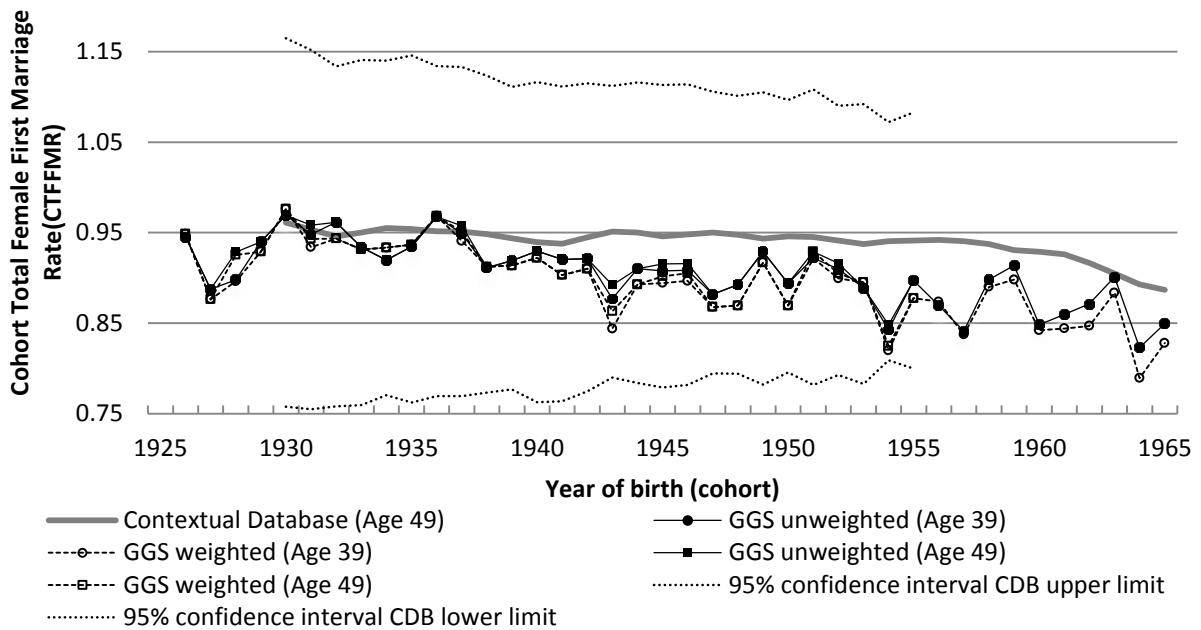
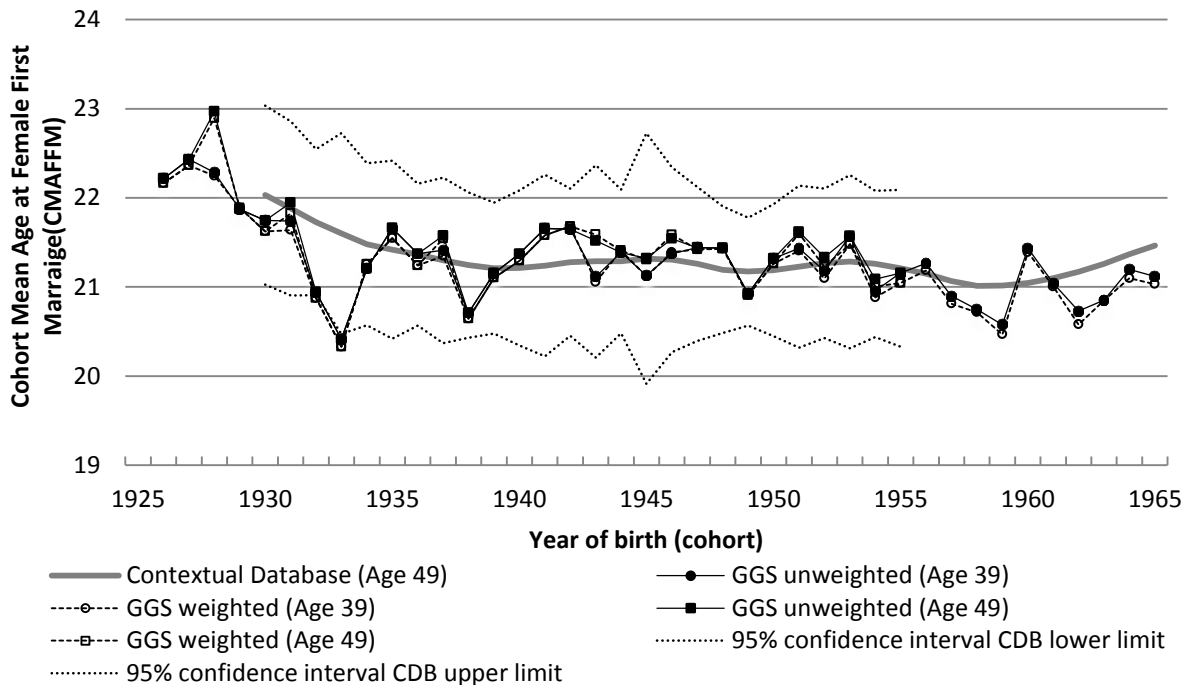


Figure 1.9.4 Cohort Mean Age at Female First Marriage Hungary



- **Period Total Fertility Rate and Mean Age at Childbearing**

Figure 1.9.5 Period Total Fertility Rate Hungary

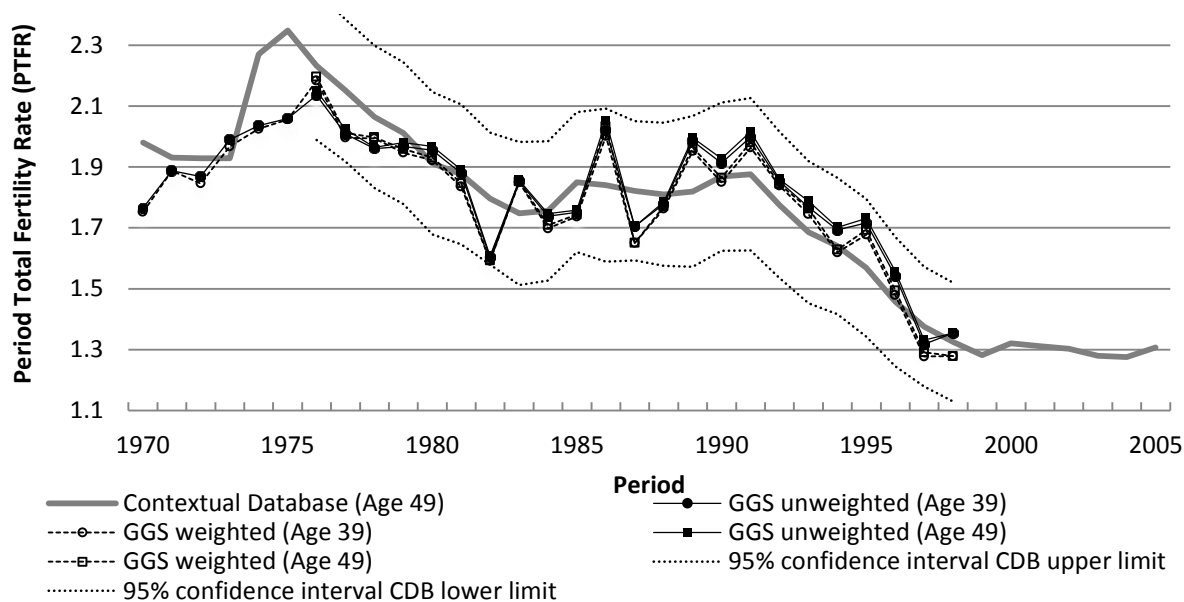
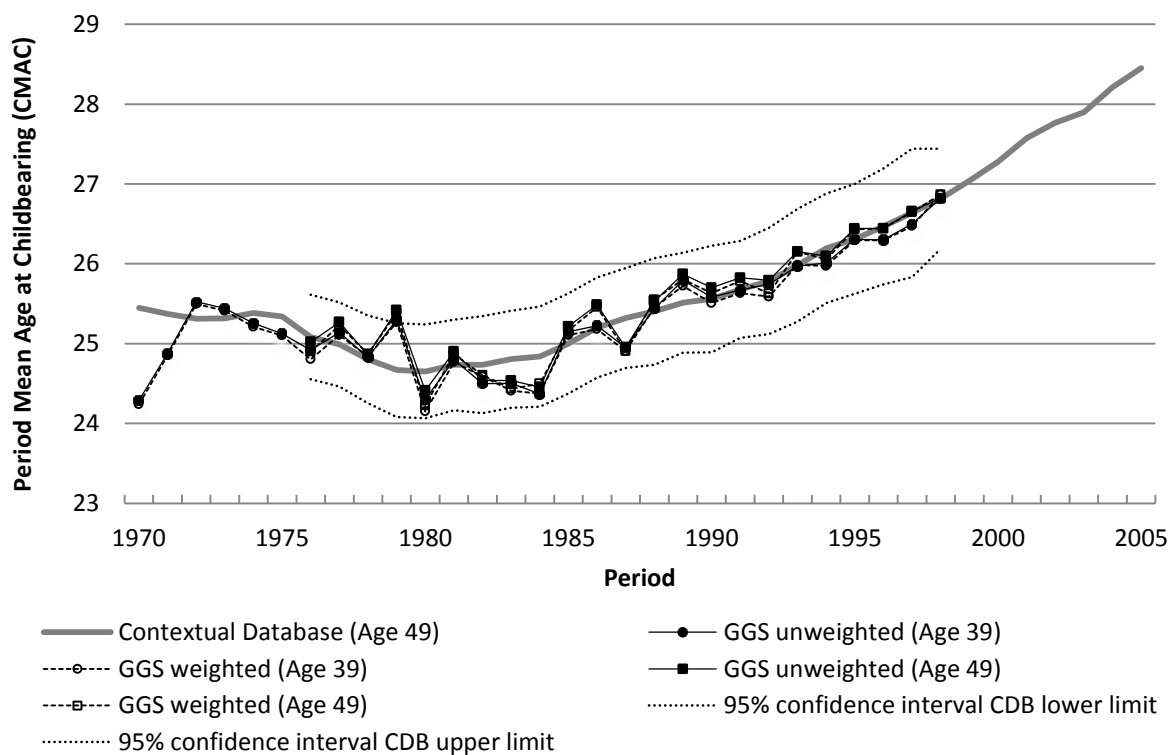


Figure 1.9.6 Period Mean Age at Childbearing Hungary



• **Cohort Total Fertility Rate and Mean Age at Childbearing**

Figure 1.9.7 Cohort Total Fertility Rate Hungary

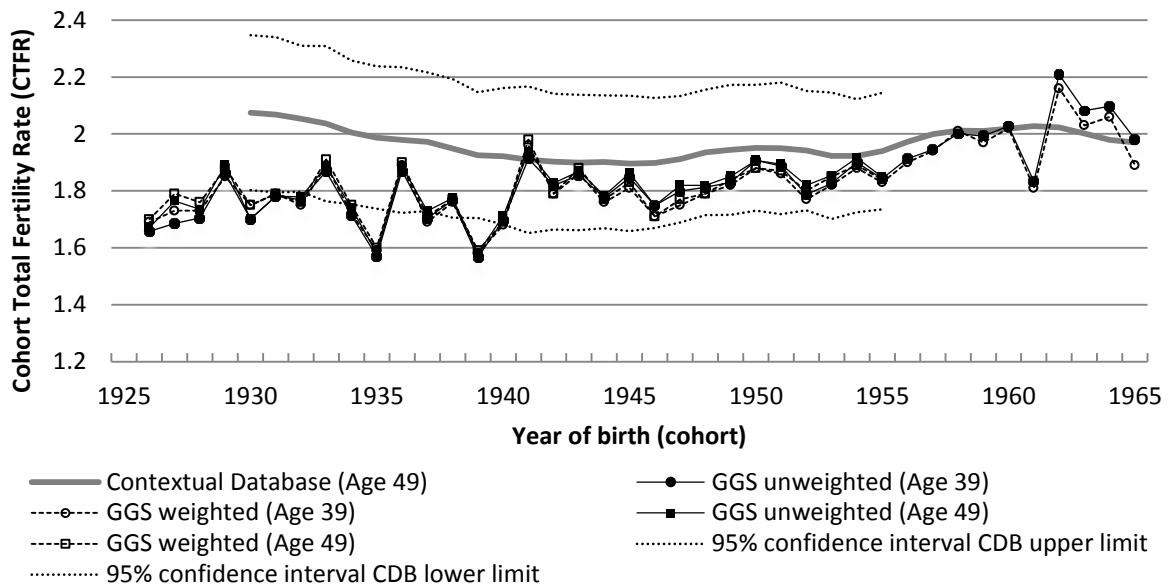
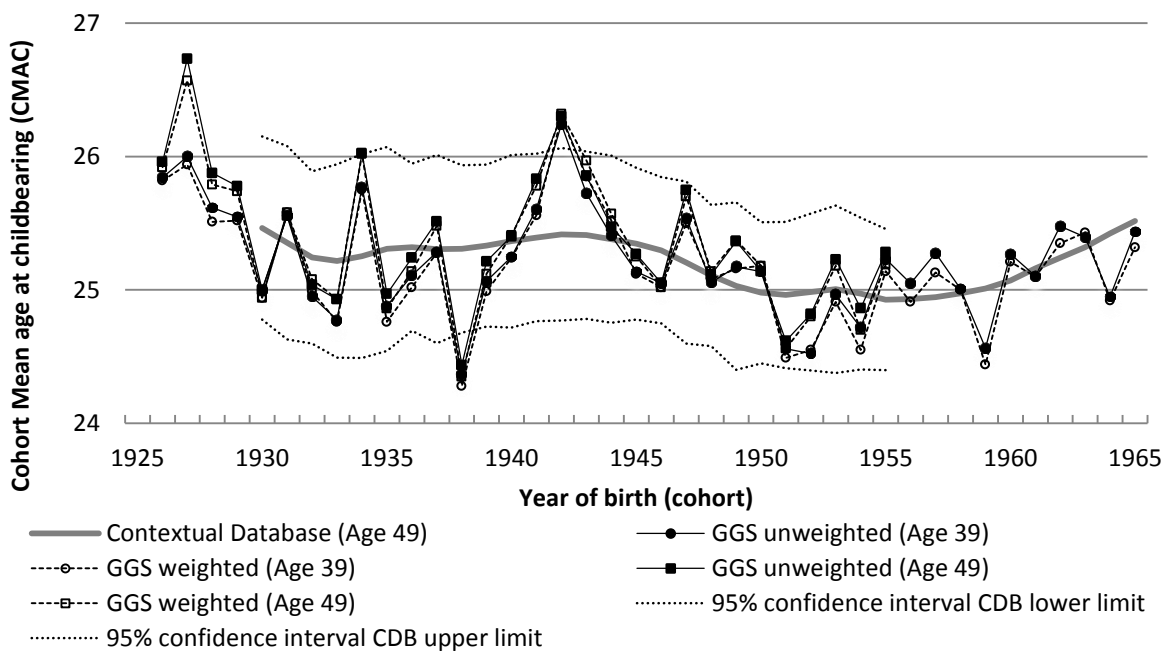


Figure 1.9.8 Cohort Mean Age at Childbearing Hungary



1.10 Italy

- *Period Total Female First Marriage Rate and Mean Age at Female First Marriage*

Figure 1.10.1 Period Total Female First Marriage Rate Italy

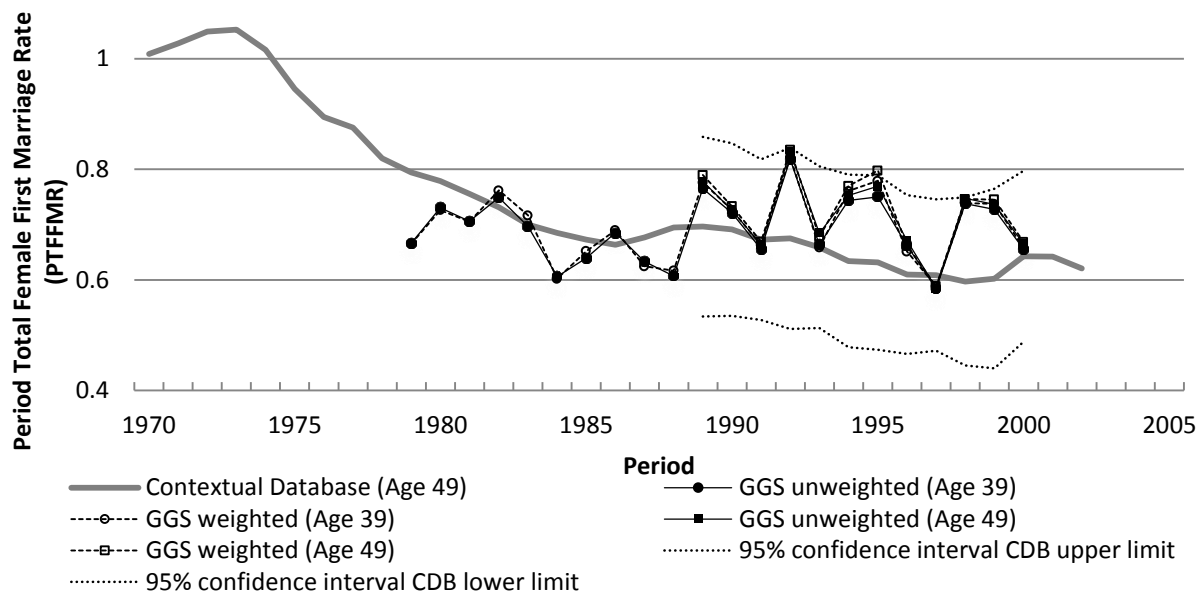
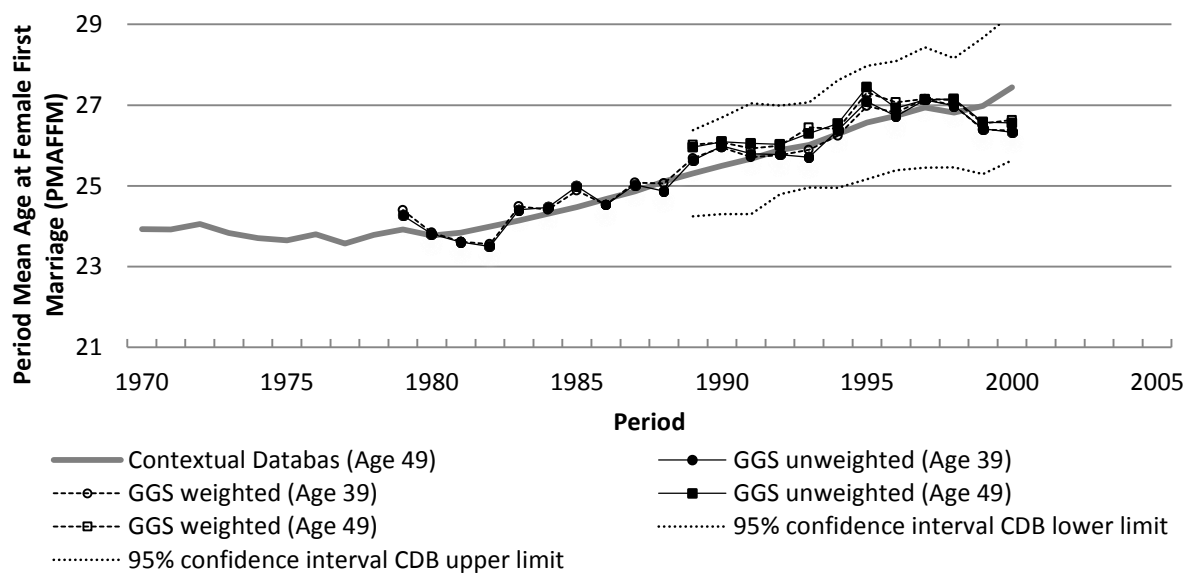


Figure 1.10.2 Period Mean Age at Female First Marriage Italy



• *Cohort Total Female First Marriage Rate and Mean Age at Female First Marriage*

Figure 1.10.3 Cohort Total Female First Marriage Rate Italy

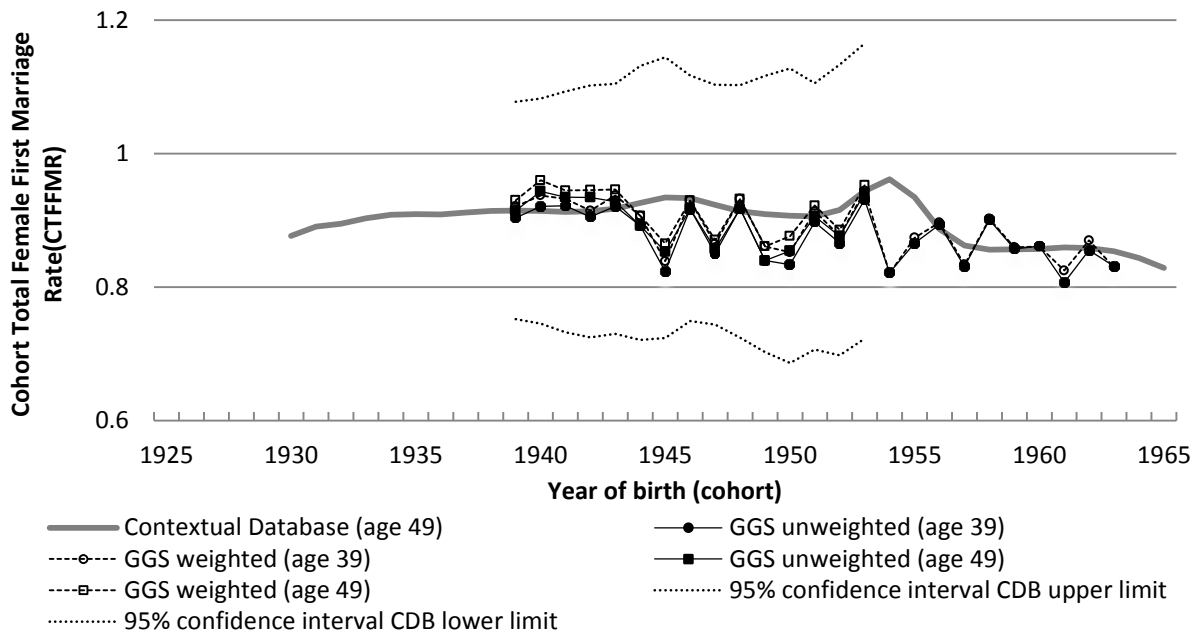
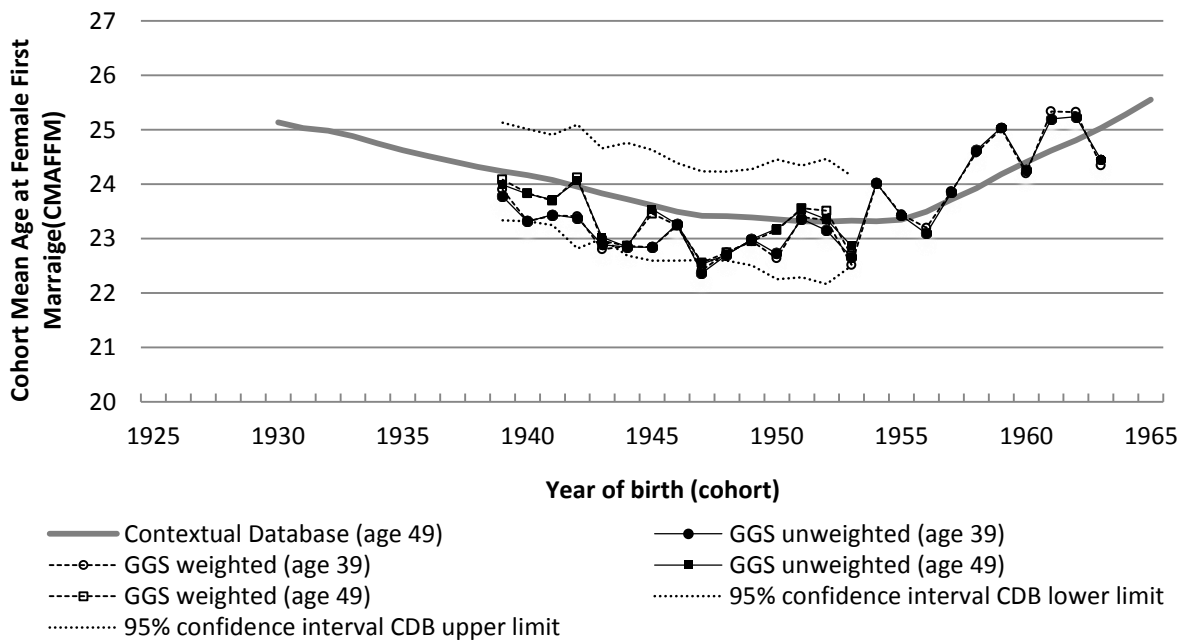


Figure 1.10.4 Cohort Mean Age at Female First Marriage Italy



• **Period Total Fertility Rate and Mean Age at Childbearing**

Figure 1.10.5 Period Total Fertility Rate Italy

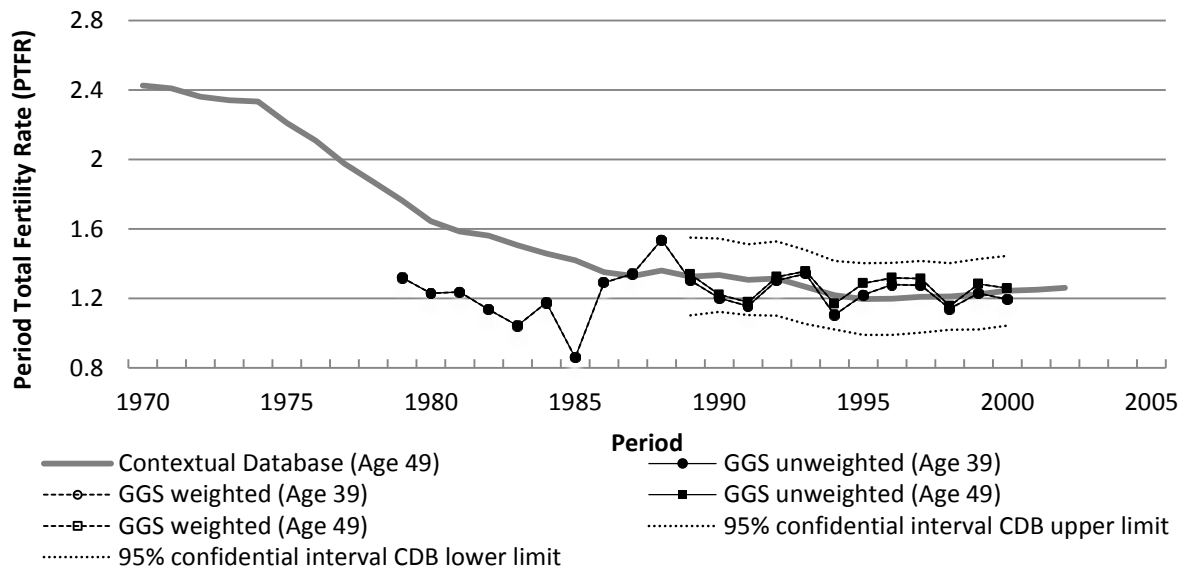
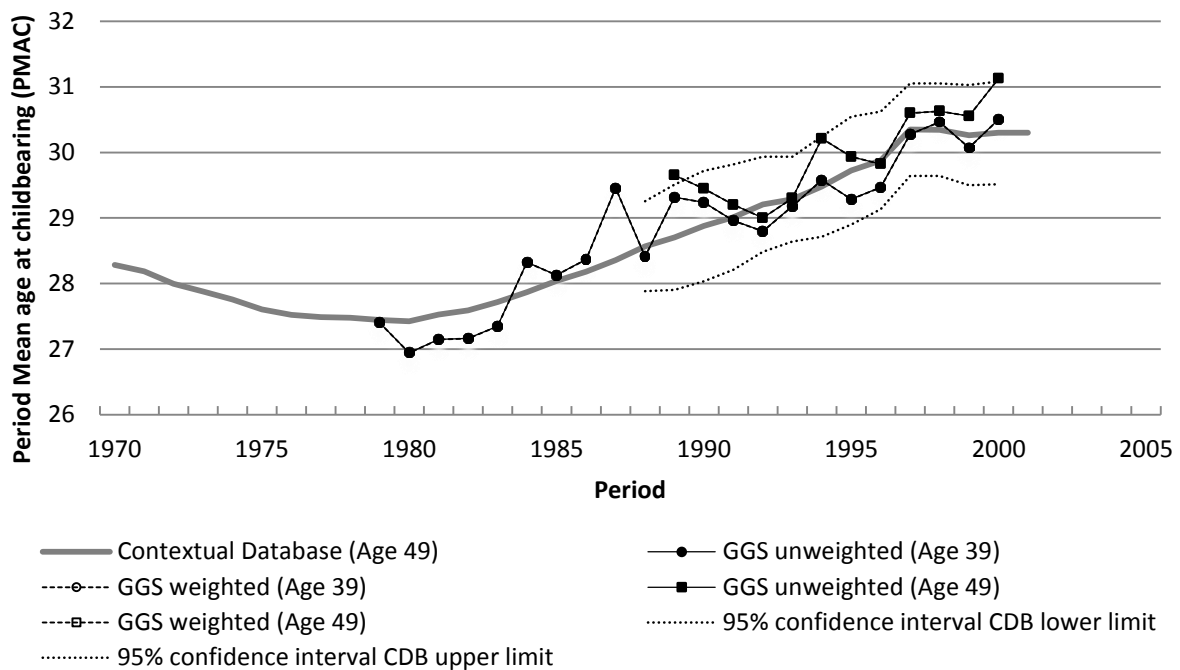


Figure 1.10.6 Period Mean Age at Childbearing Italy



• **Cohort Total Fertility Rate and Mean Age at Childbearing**

Figure 1.10.7 Cohort Total Fertility Rate Italy

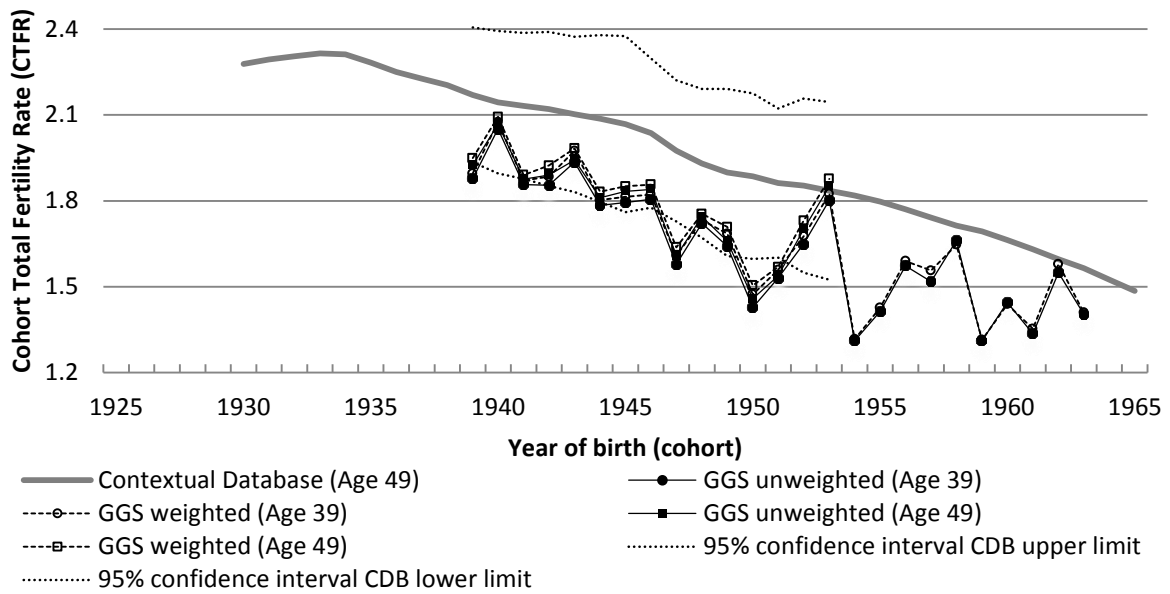
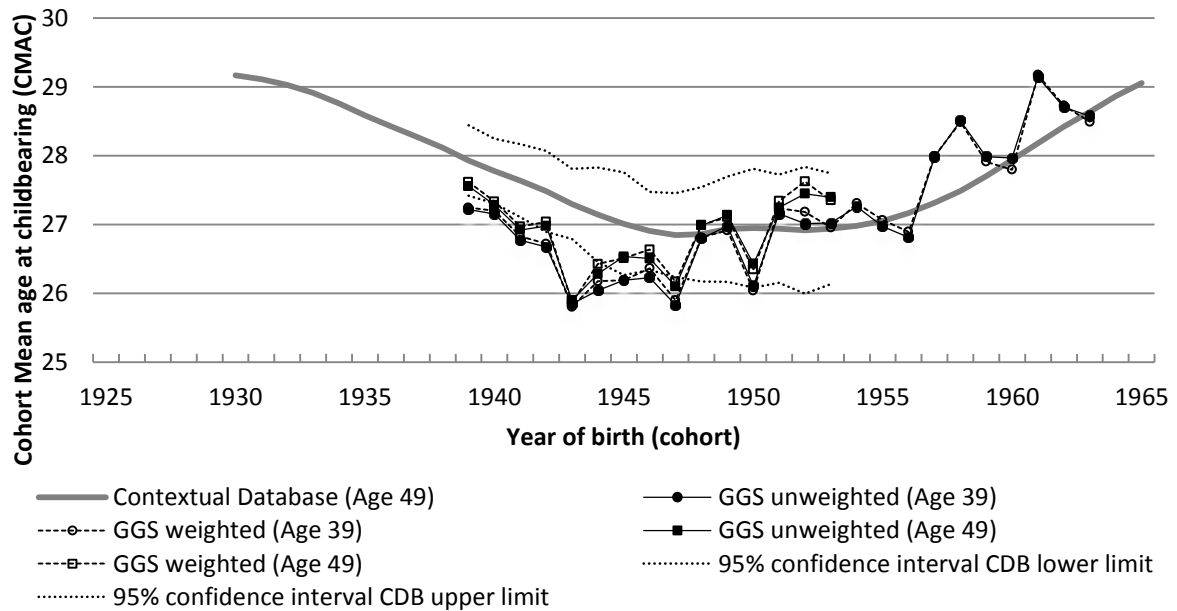


Figure 1.10.8 Cohort Mean Age at Childbearing Italy



1.11 The Netherlands

- *Period Total Female First Marriage Rate and Mean Age at Female First Marriage*

Figure 1.11.1a
 Period Total Female First Marriage Rate The Netherlands (weight 1)

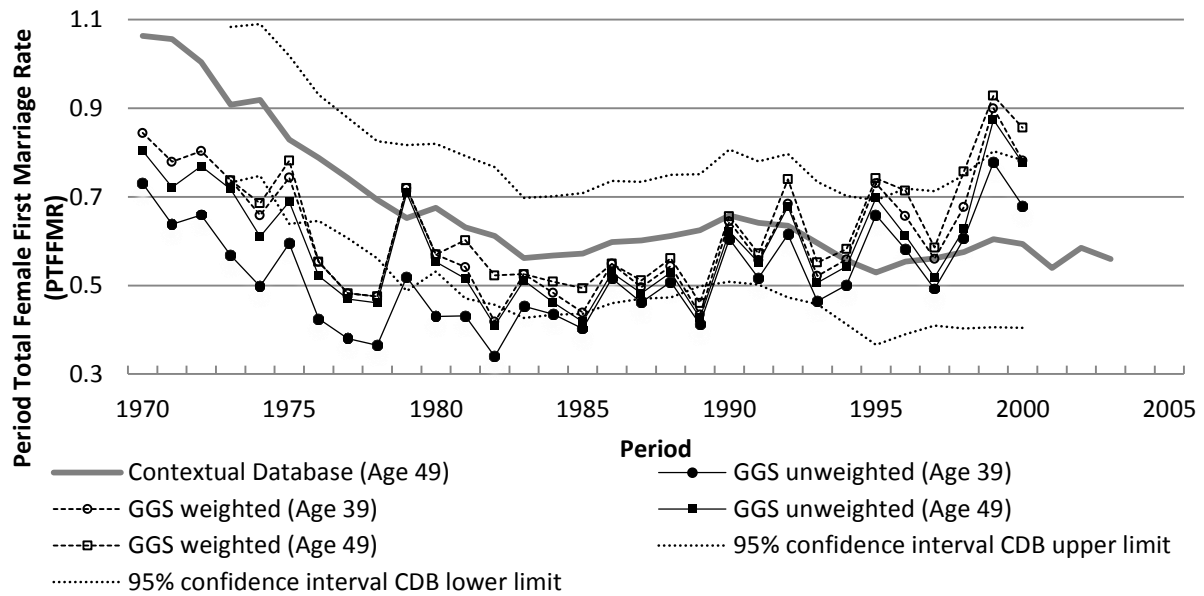


Figure 1.11.1b
 Period Total Female First Marriage Rate The Netherlands (weight 2)

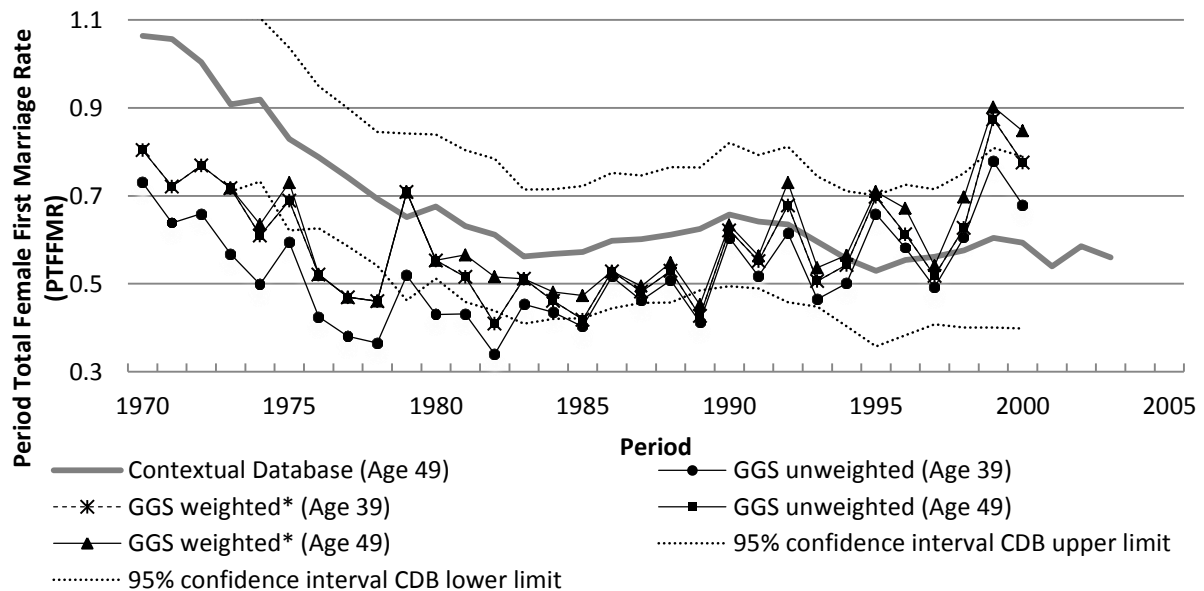


Figure 1.11.2a
Period Mean Age at Female First Marriage The Netherlands (weight 1)

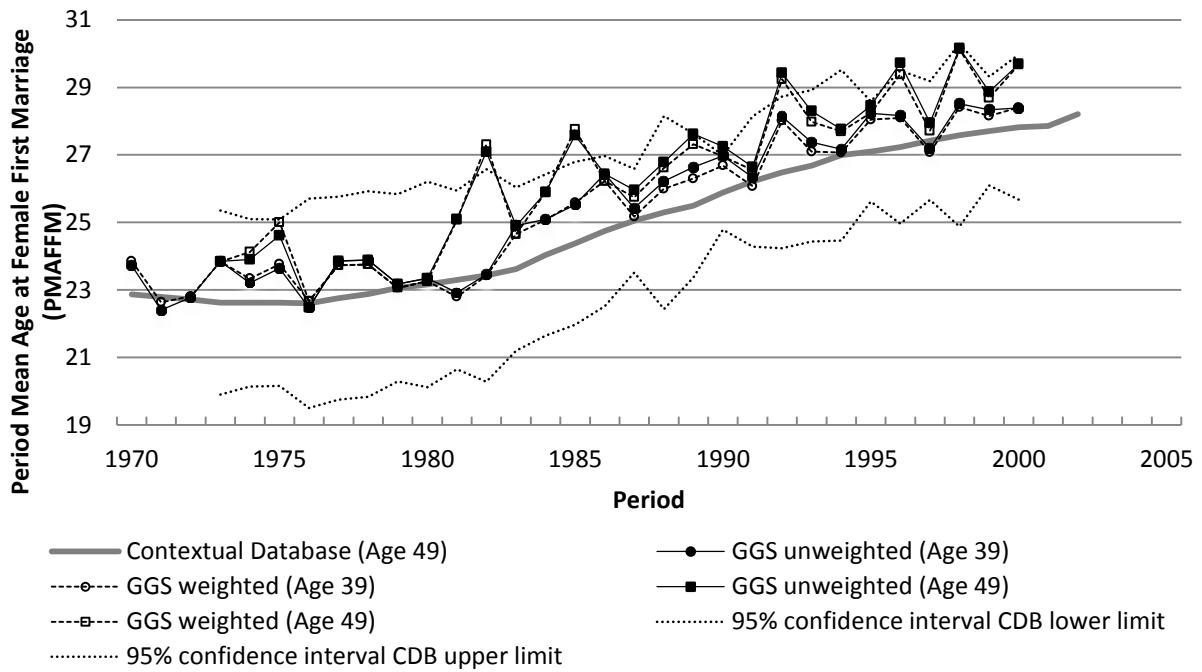
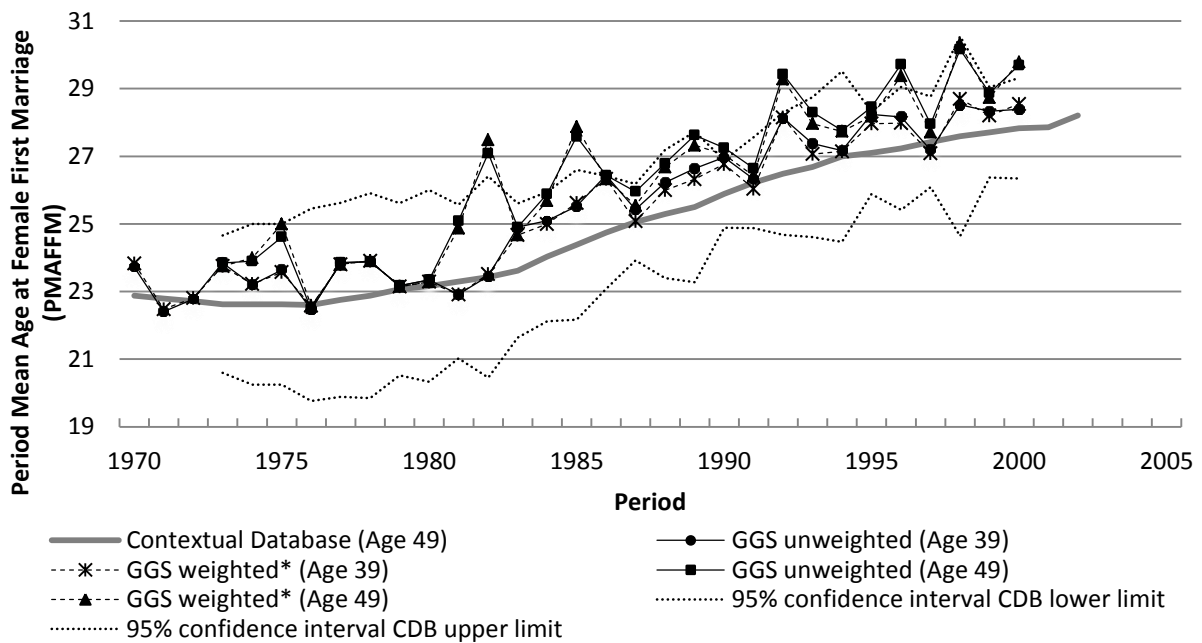


Figure 1.11.2b
Period Mean Age at Female First Marriage the Netherlands (weight 2)



- Cohort Total Female First Marriage Rate and Mean Age at Female First Marriage

Figure 1.11.3a
Cohort Total Female First Marriage Rate The Netherlands (weight 1)

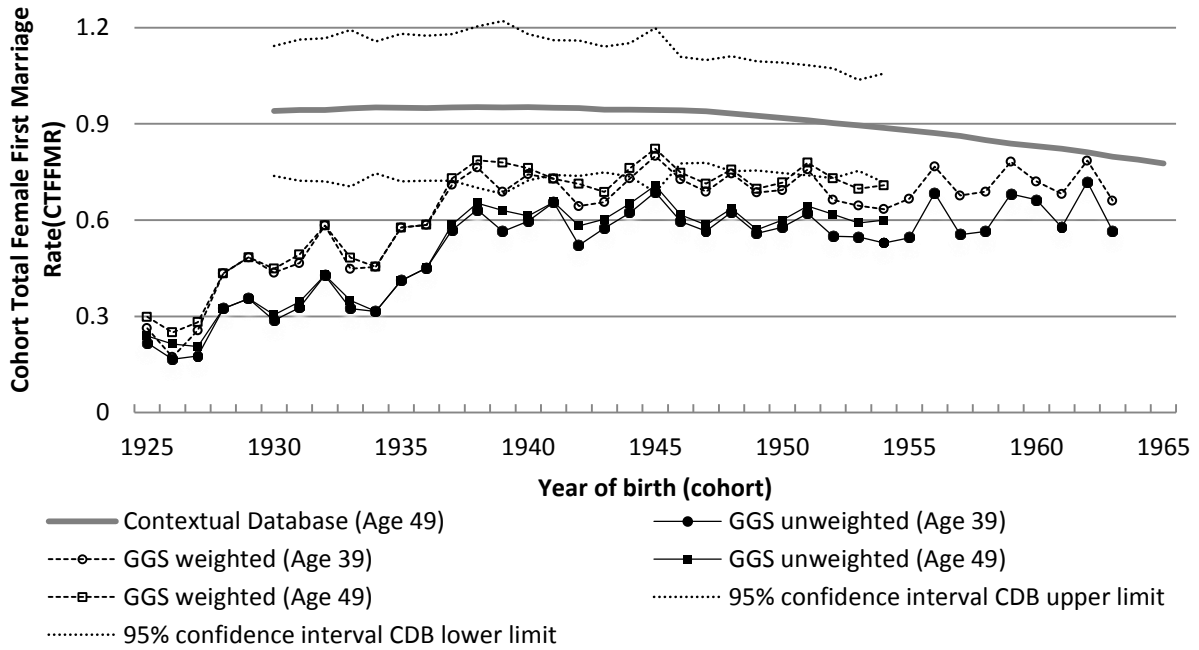


Figure 1.11.3b
Cohort Total Female First Marriage Rate The Netherlands (weight 2)

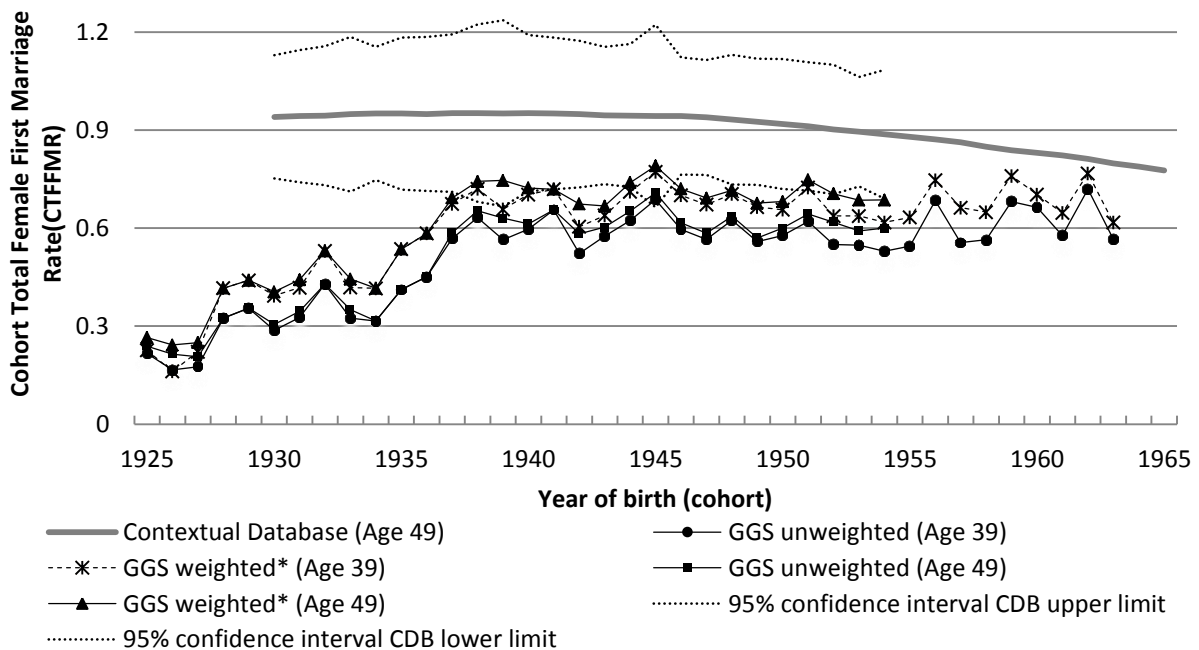


Figure 1.11.4a
Cohort Mean Age at Female First Marriage the Netherlands (weight 1)

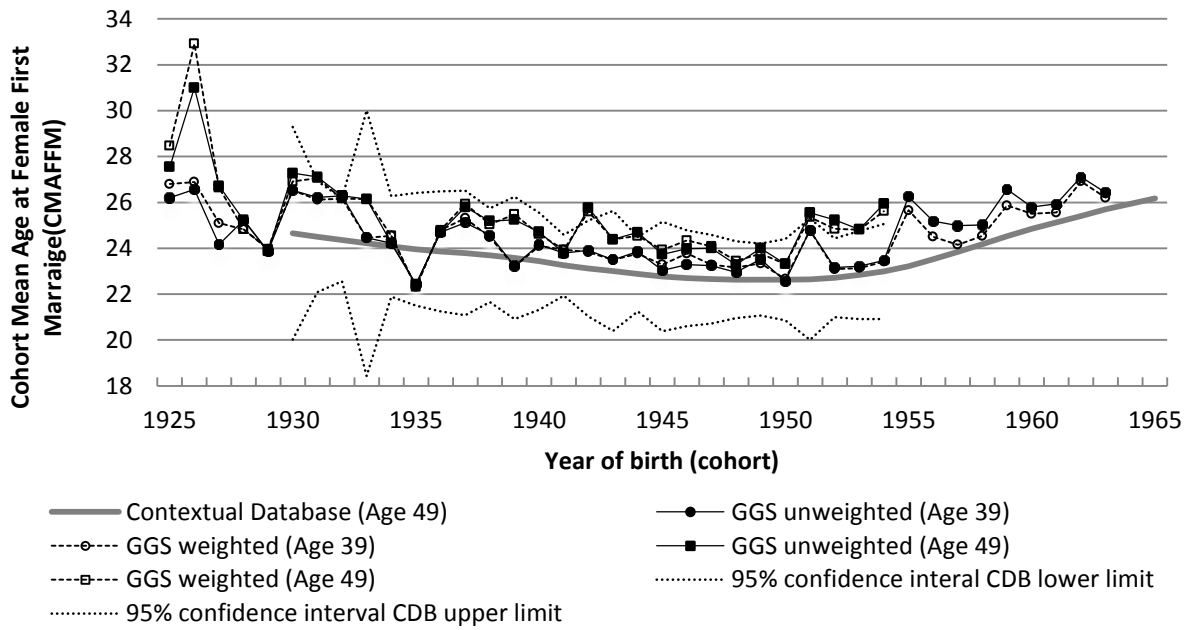
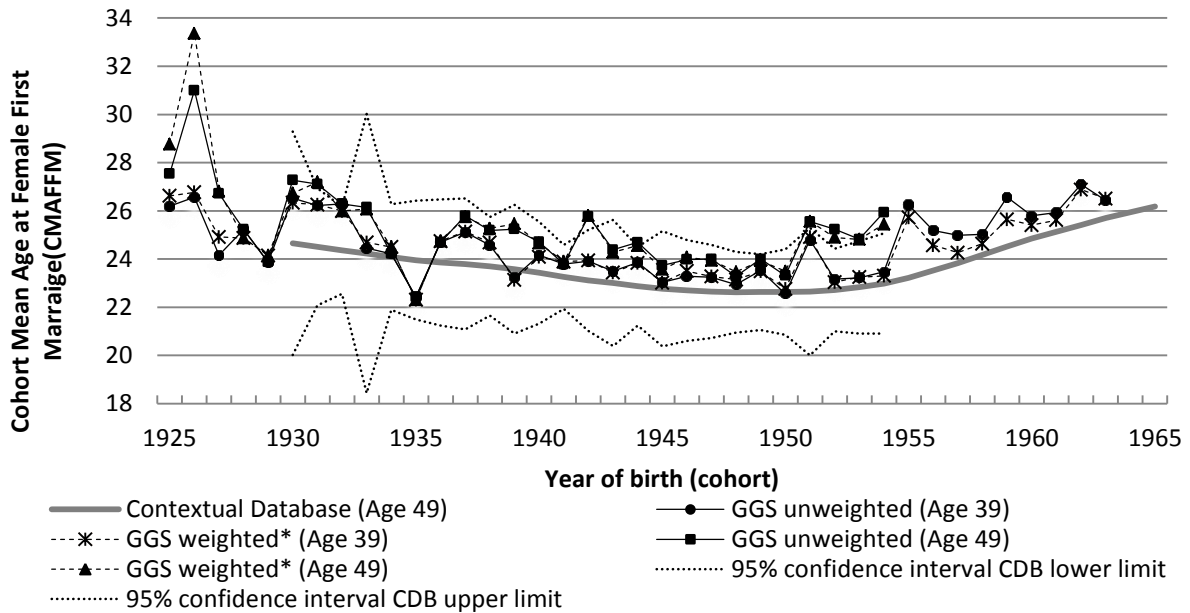


Figure 1.11.4b
Cohort Mean Age at Female First Marriage the Netherlands (weight 2)



- **Period Total Fertility Rate and Mean Age at Childbearing**

Figure Figure 1.11.5a
 Period Total Fertility Rate The Netherlands (weight1)

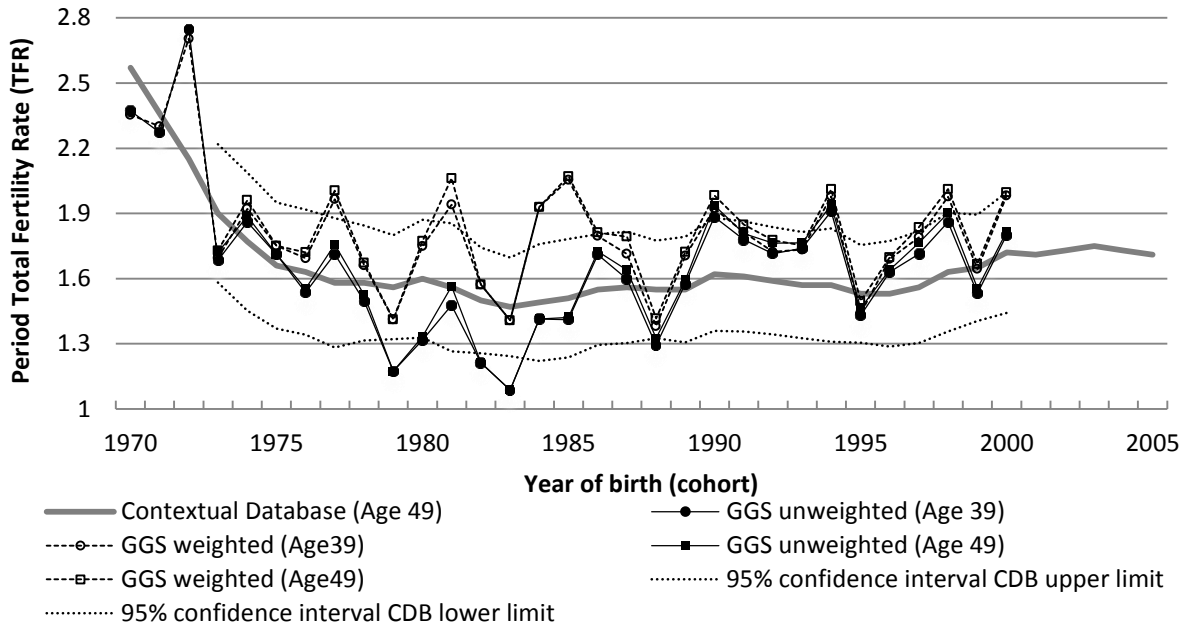


Figure Figure 1.115b
 Period Total Fertility Rate The Netherlands (weight2)

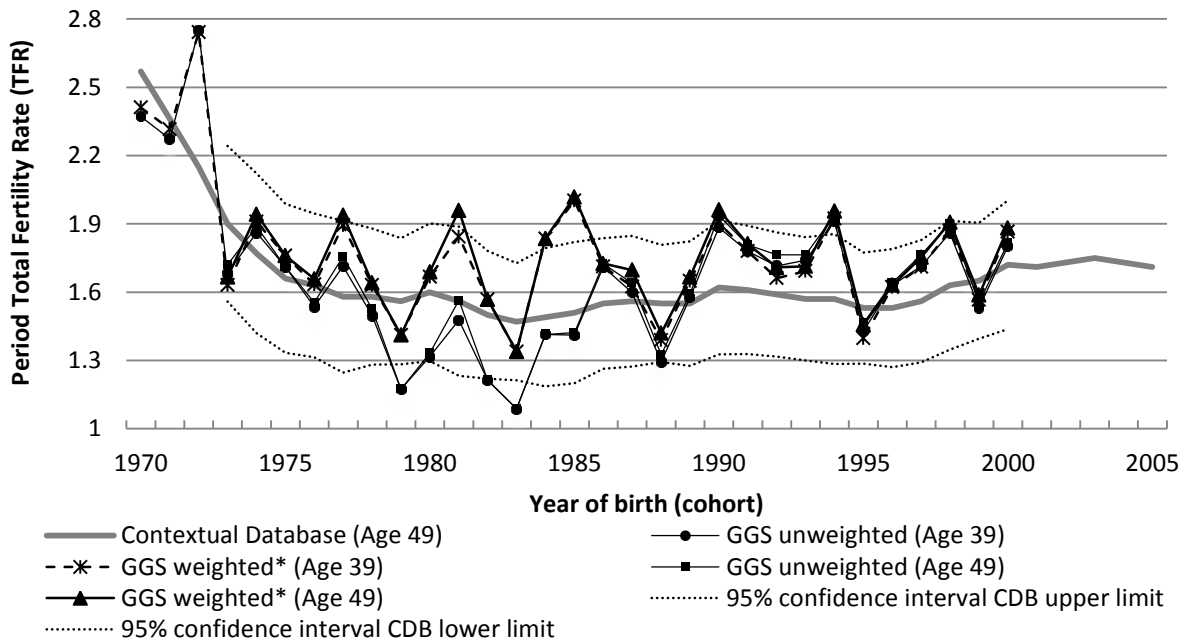


Figure Figure 1.11.6a
Period Mean Age at Childbearing (weight1)

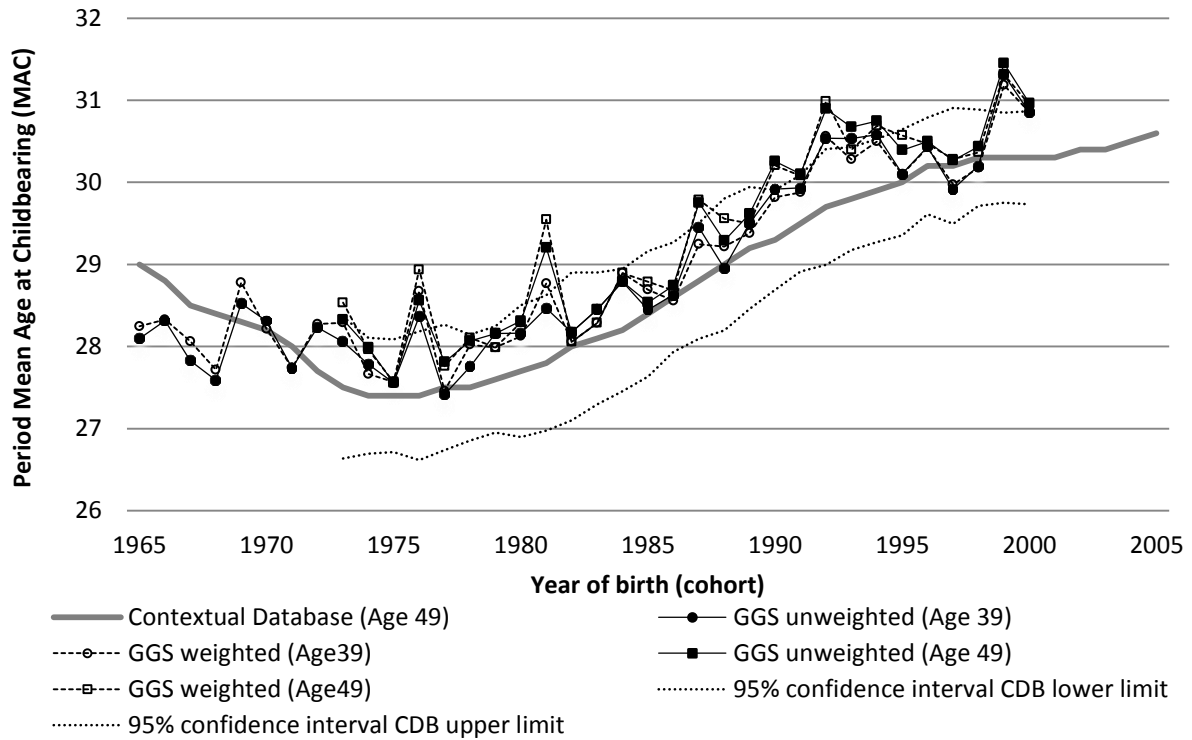
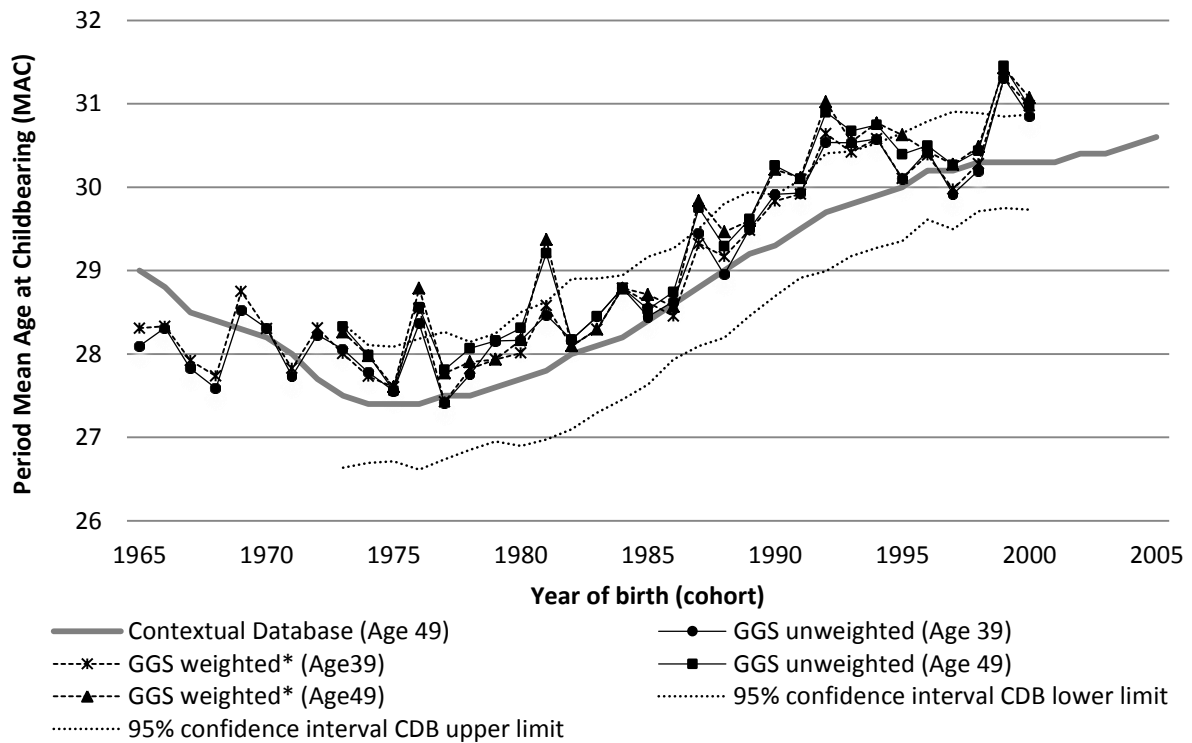


Figure Figure 1.11.6b
Period Mean Age at Childbearing (weight2)



- **Cohort Total Fertility Rate and Mean Age at Childbearing**

Figure Figure 1.117a
Cohort Total Fertility Rate The Netherlands (weight1)

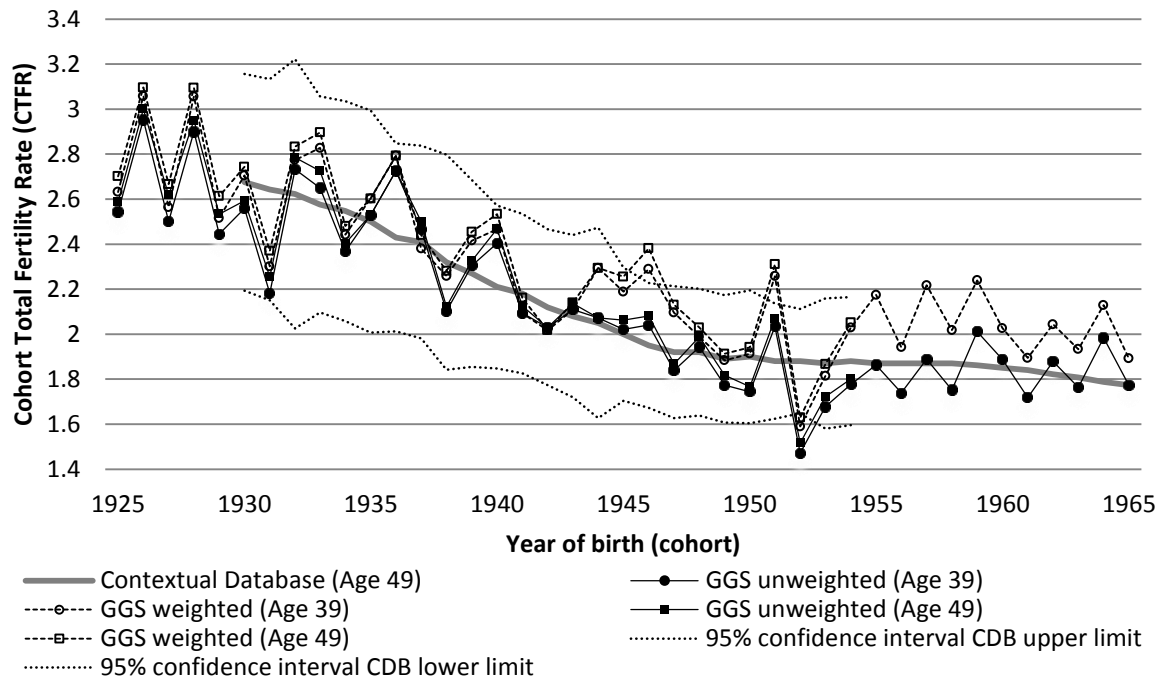


Figure Figure 1.11.7b
Cohort Total Fertility Rate The Netherlands (weight2)

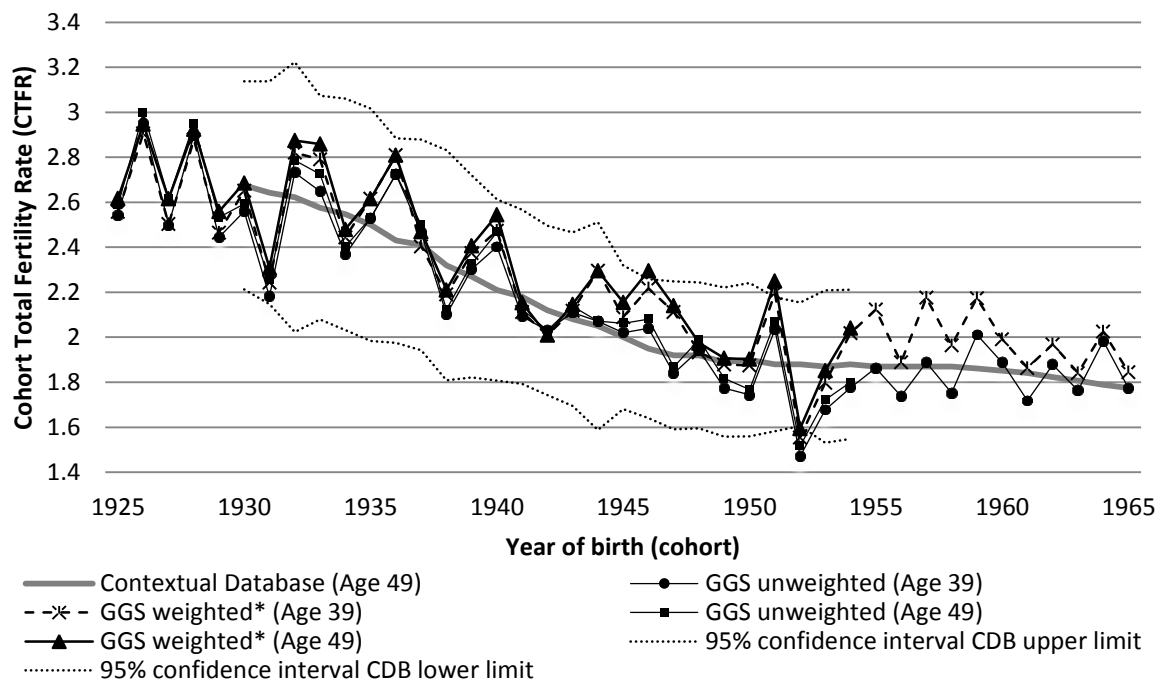


Figure Figure 1.11.8a
Cohort Mean Age at Childbearing The Netherlands (weight1)

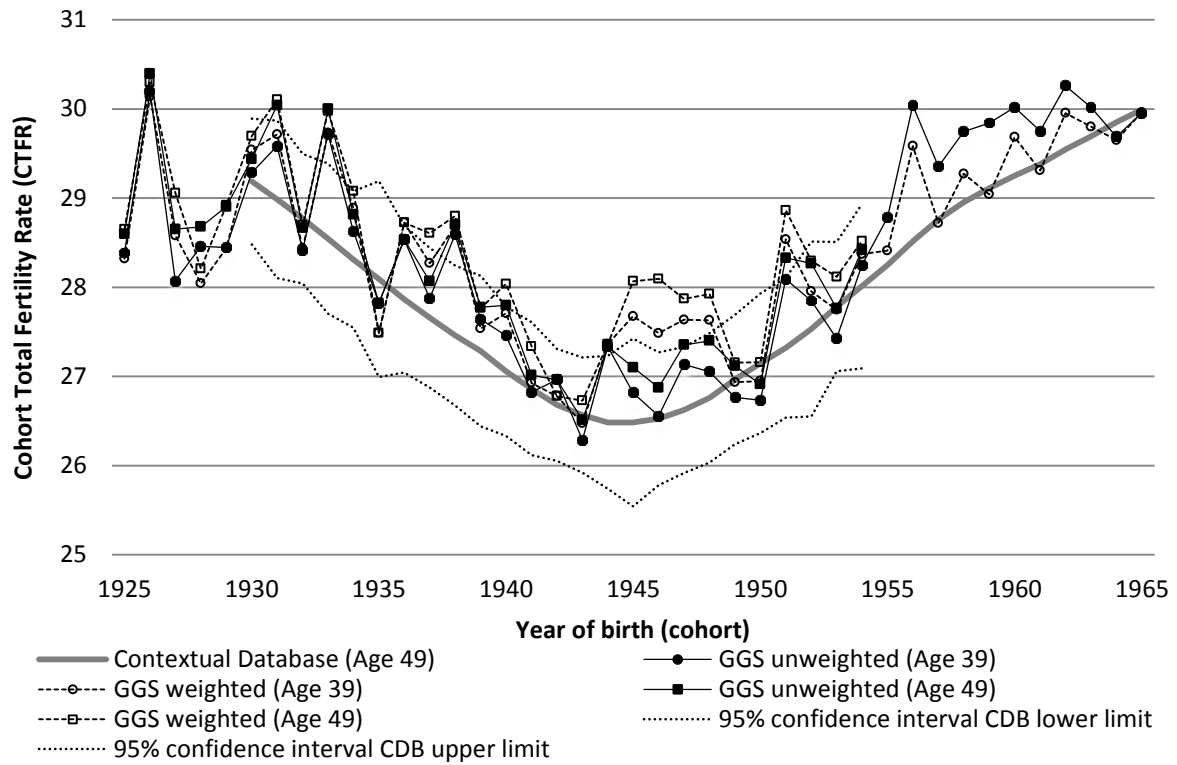
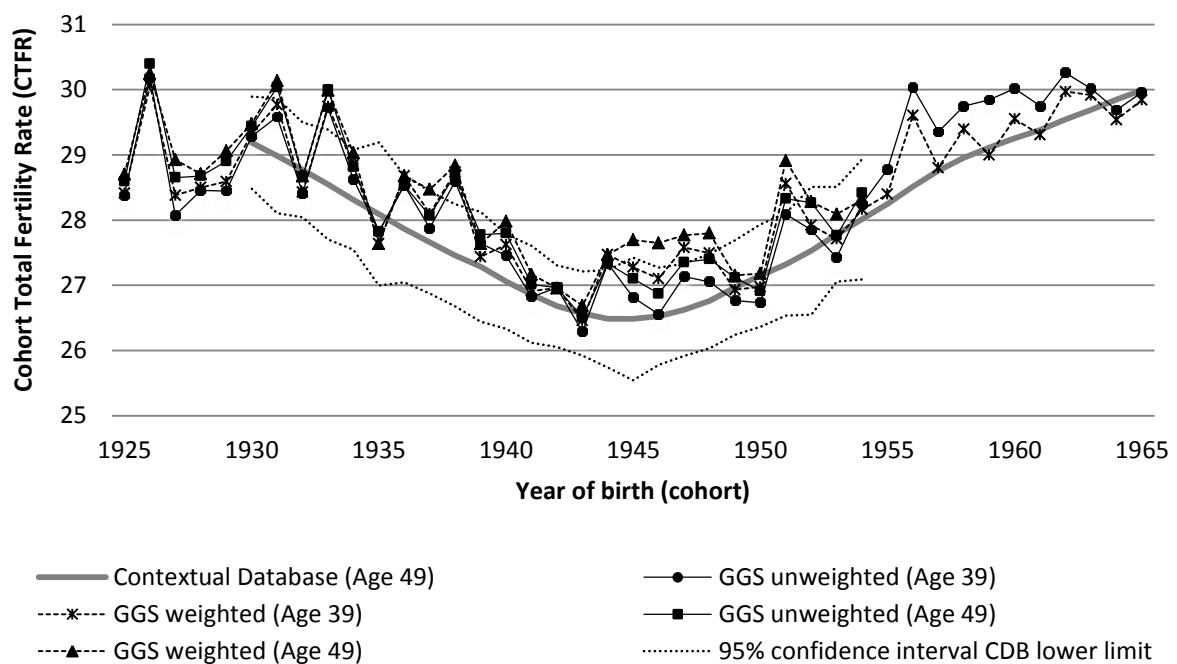


Figure Figure 1.118b
Cohort Mean Age at Childbearing The Netherlands (weight2)



1.12 Norway

- *Period Total Female First Marriage Rate and Mean Age at Female First Marriage*

Figure 1.12.1 Period Total Female First Marriage Rate Norway

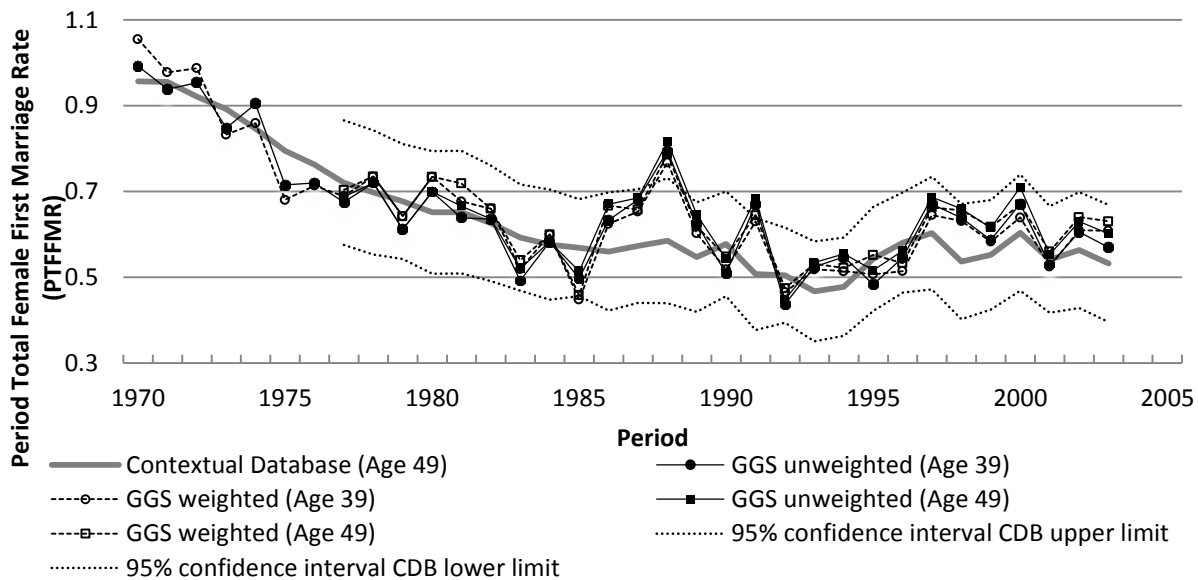
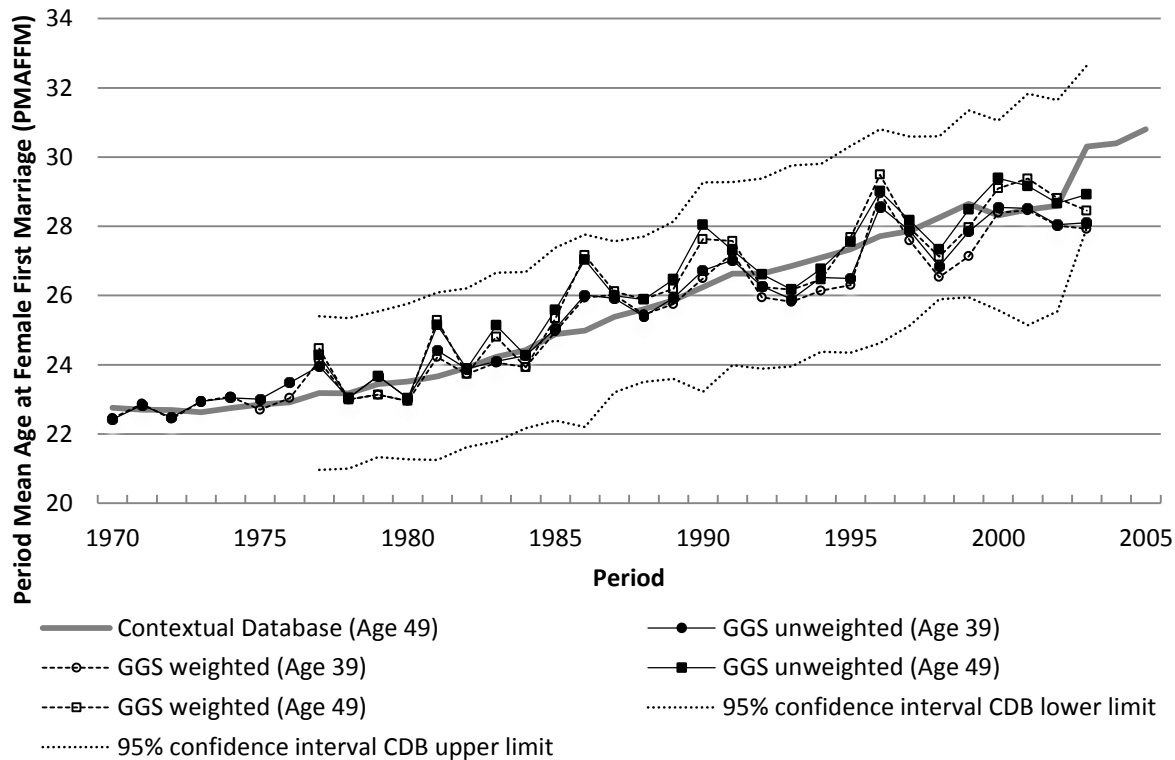


Figure 1.12.2 Period Mean Age at Female First Marriage Norway



• *Cohort Total Female First Marriage Rate and Mean Age at Female First Marriage*

Figure 1.12.3 Cohort Total Female First Marriage Rate Norway

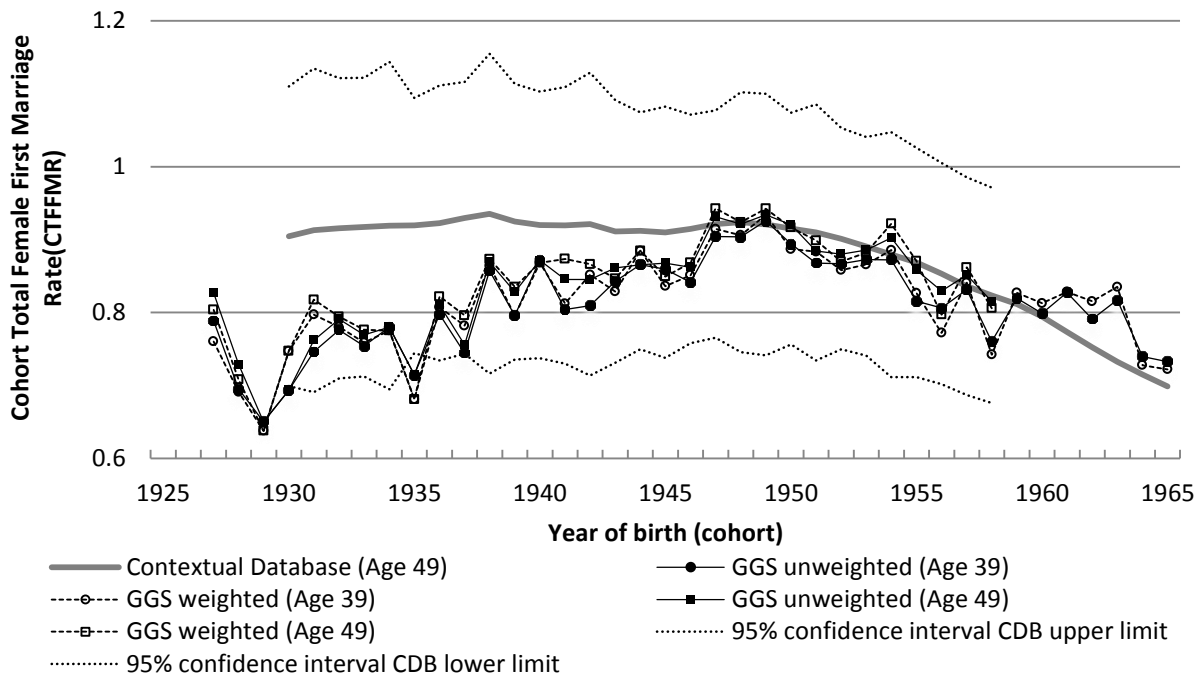
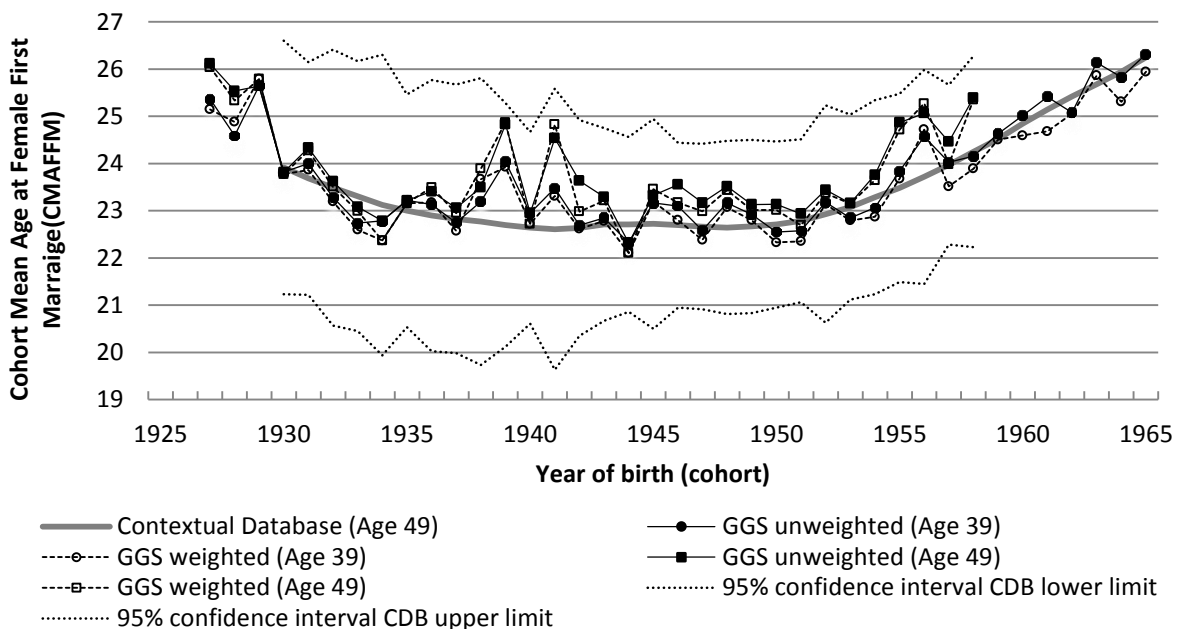


Figure 1.12.4 Cohort Mean Age at Female First Marriage Norway



- **Period Total Fertility Rate and Mean Age at Childbearing**

Figure 1.12.5 Period Total Fertility Rate Norway

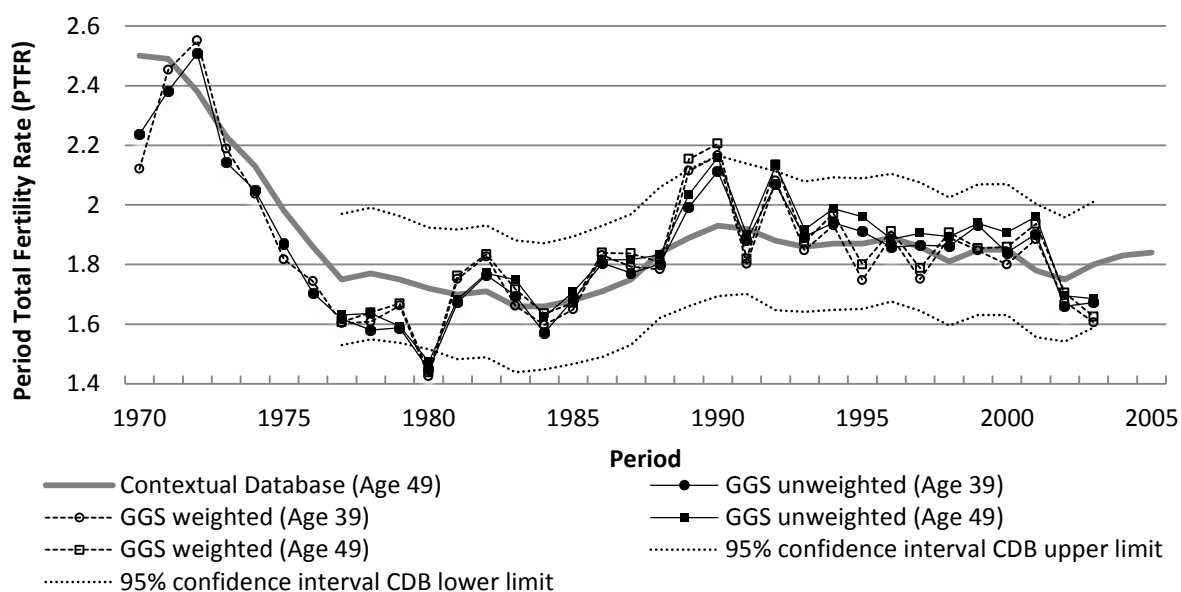
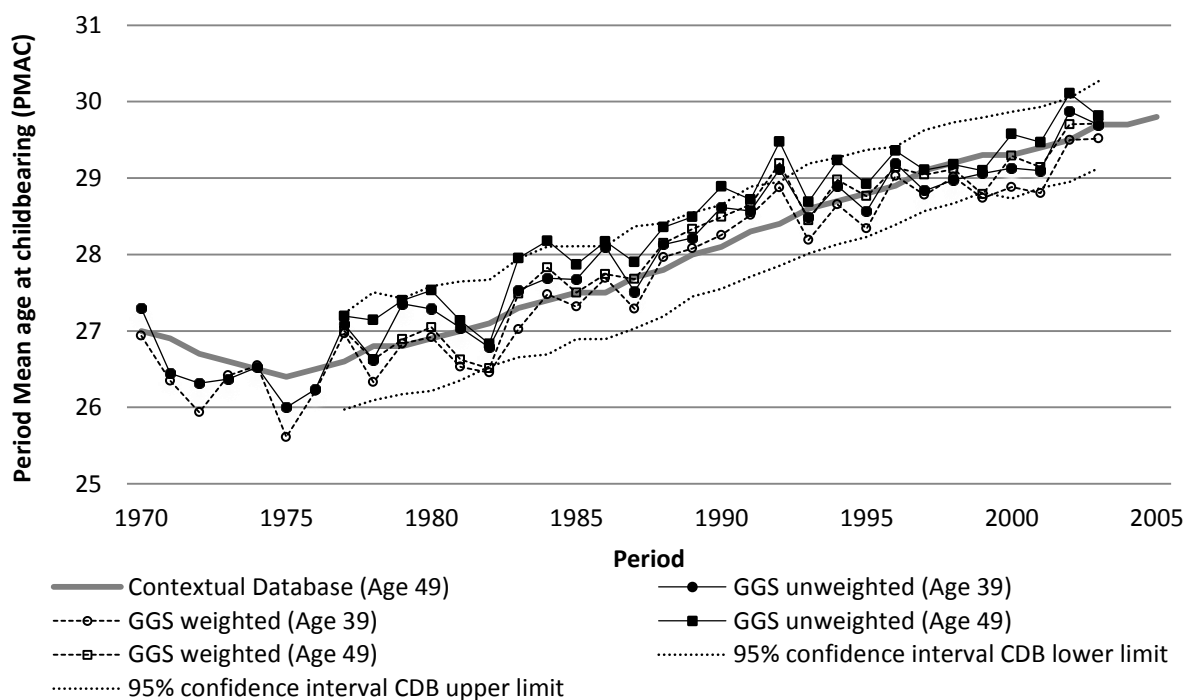


Figure 1.12.6 Period Mean Age at Childbearing Norway



• **Cohort Total Fertility Rate and Mean Age at Childbearing**

Figure 1.12.7 Cohort Total Fertility Rate Norway

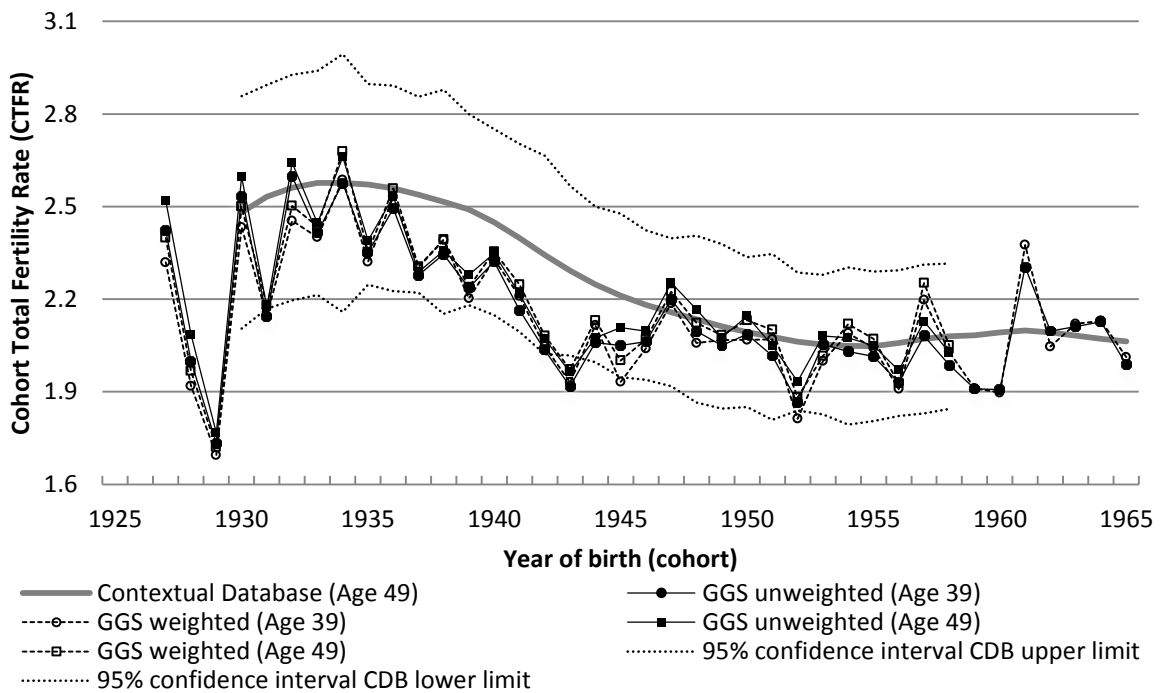
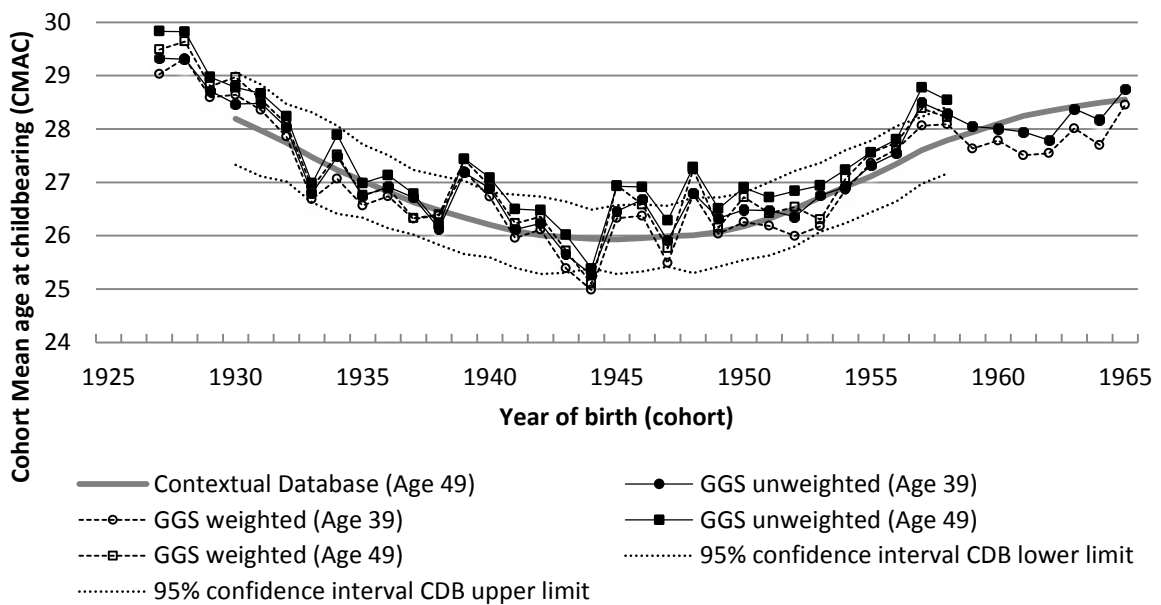


Figure 1.12.8 Cohort Mean Age at Childbearing Norway



1.13 Romania

- *Period Total Female First Marriage Rate and Mean Age at Female First Marriage*

Figure 1.13.1 Period Total Female First Marriage Rate Romania

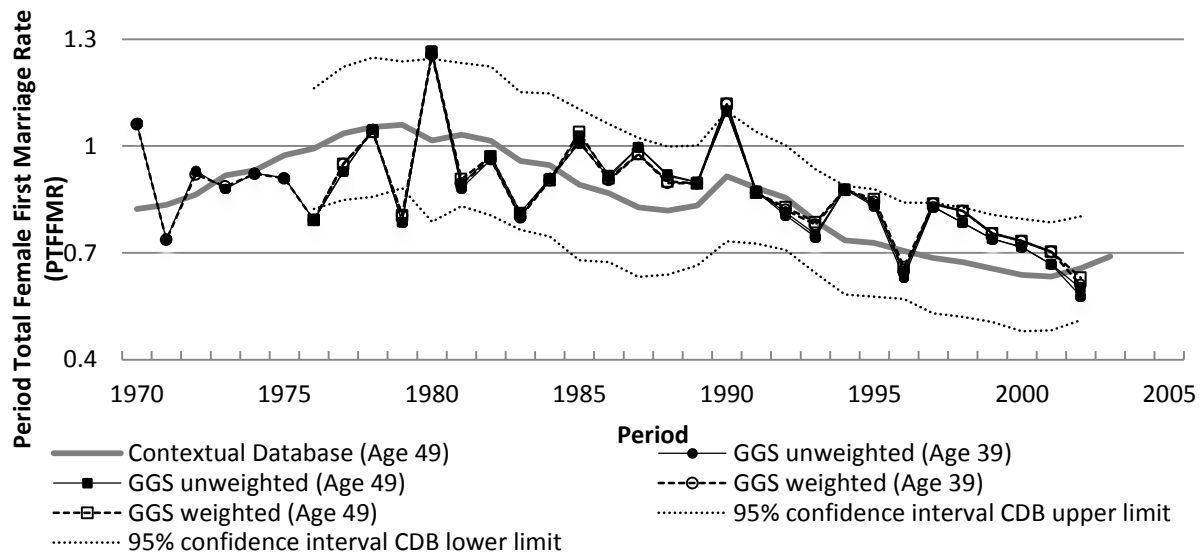
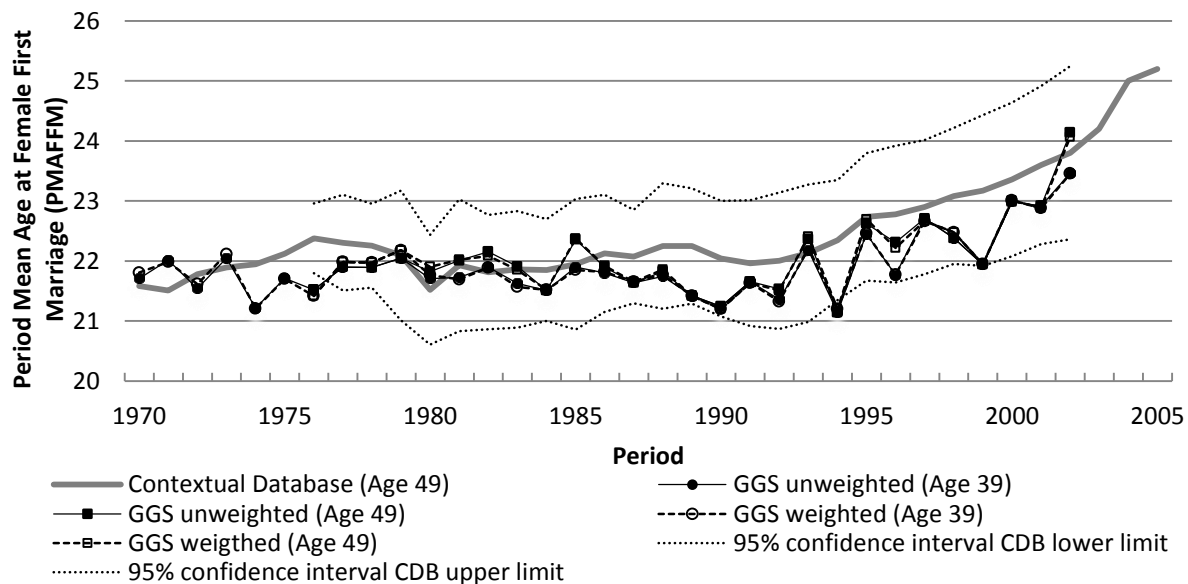


Figure 1.13.2 Period Mean Age at Female First Marriage Romania



• *Cohort Total Female First Marriage Rate and Mean Age at Female First Marriage*

Figure 1.13.3 Cohort Total Female First Marriage Rate Romania

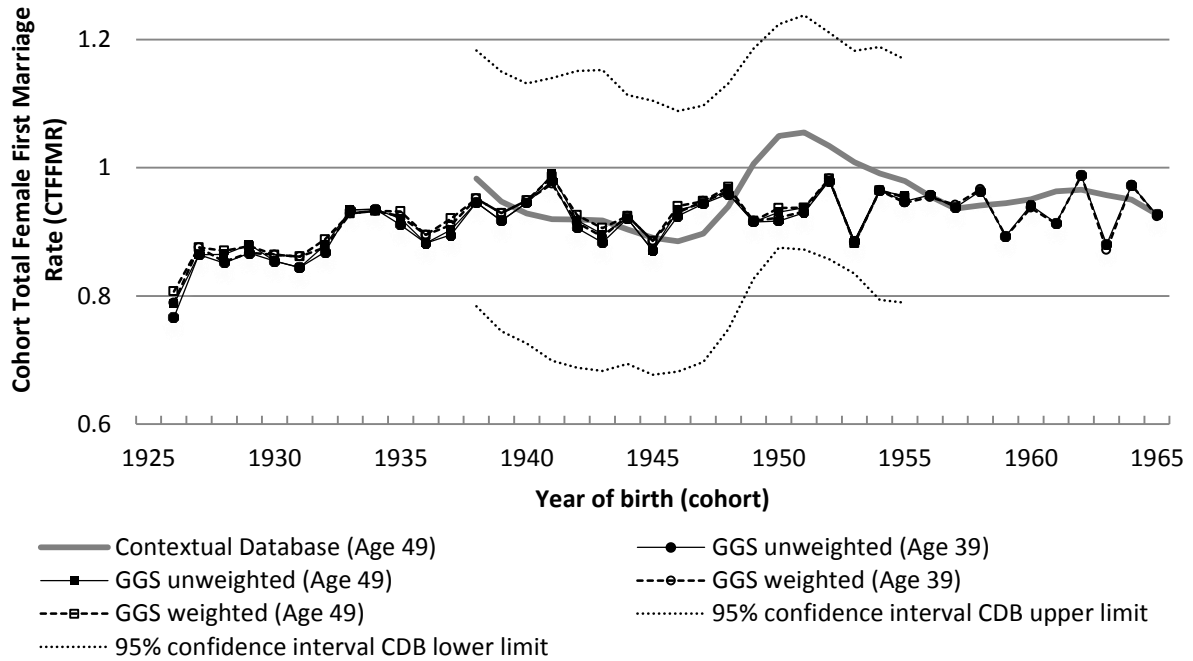
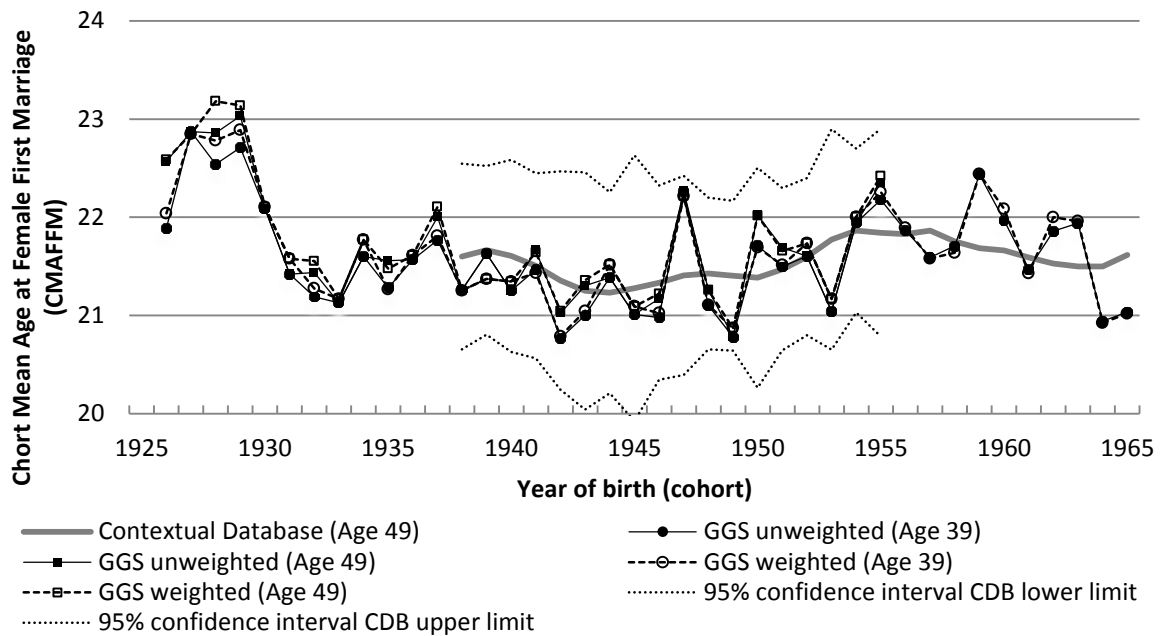


Figure 1.13.4 Cohort Mean Age at Female First Marriage Romania



- **Period Total Fertility Rate and Mean Age at Childbearing**

Figure 1.13.5 Period Total Fertility Rate Romania

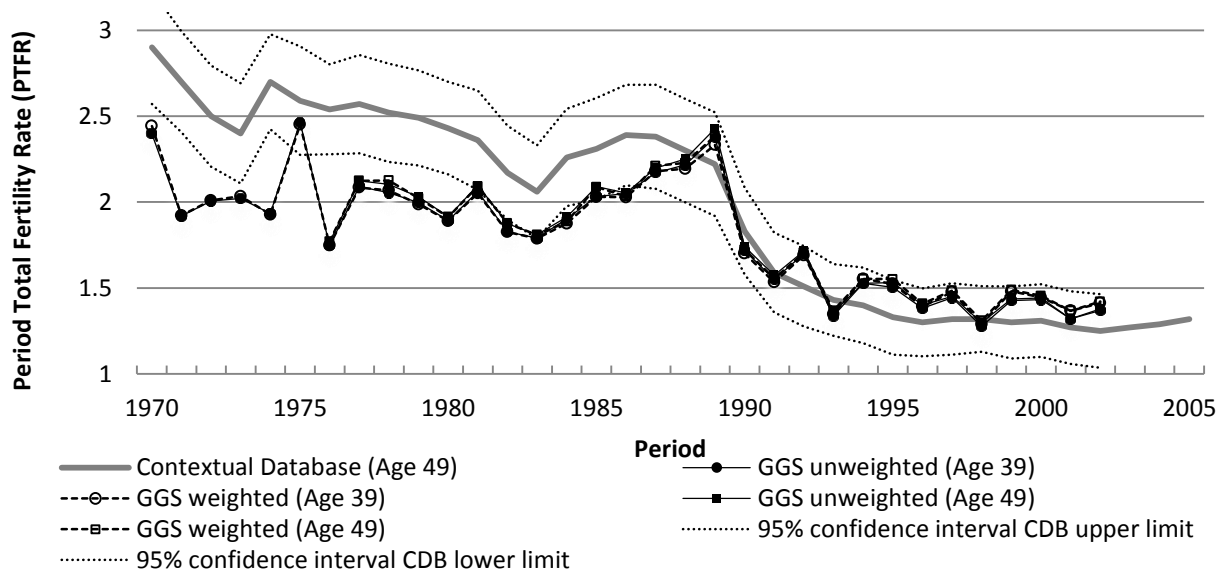
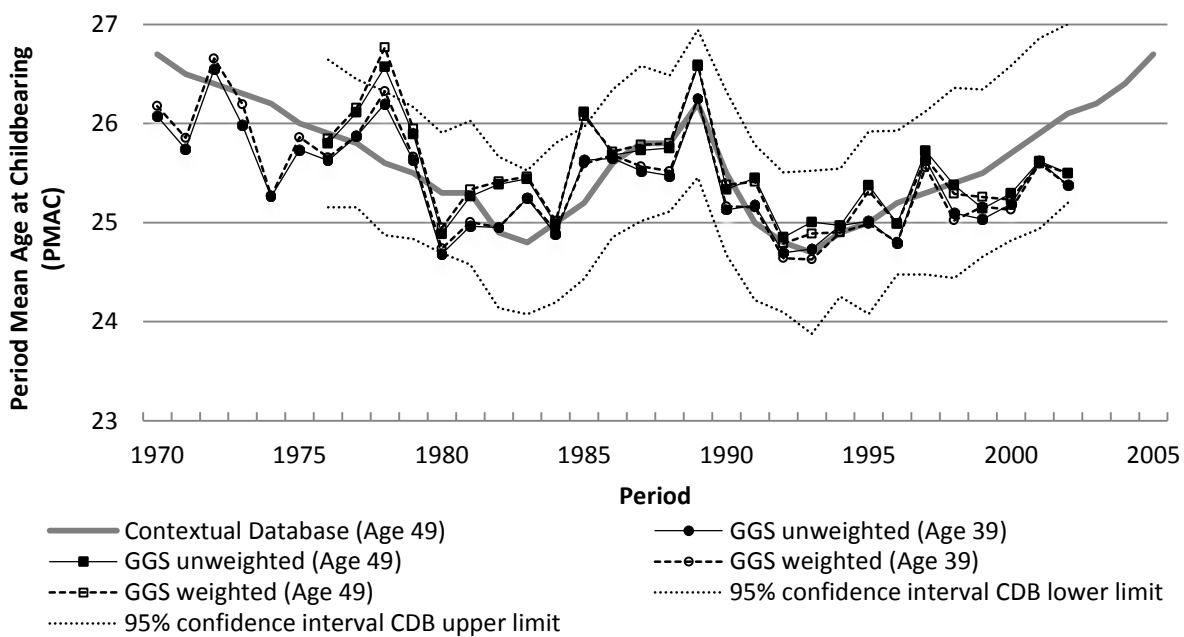


Figure 1.13.6 Period Mean Age at Childbearing Romania



• **Cohort Total Fertility Rate and Mean Age at Childbearing**

Figure 1.13.7 Cohort Total Fertility Rate Romania

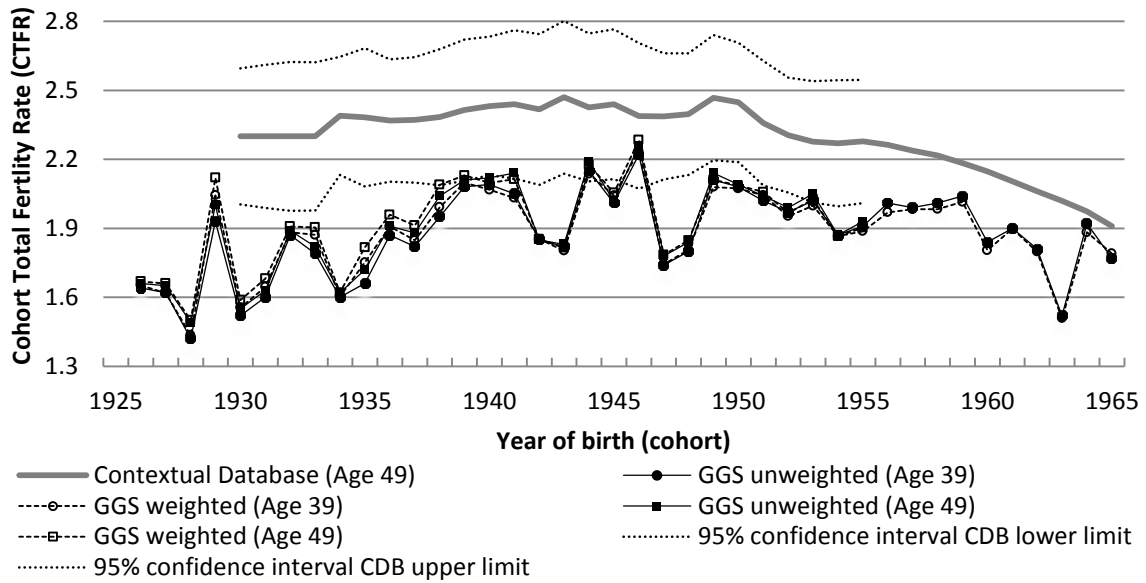
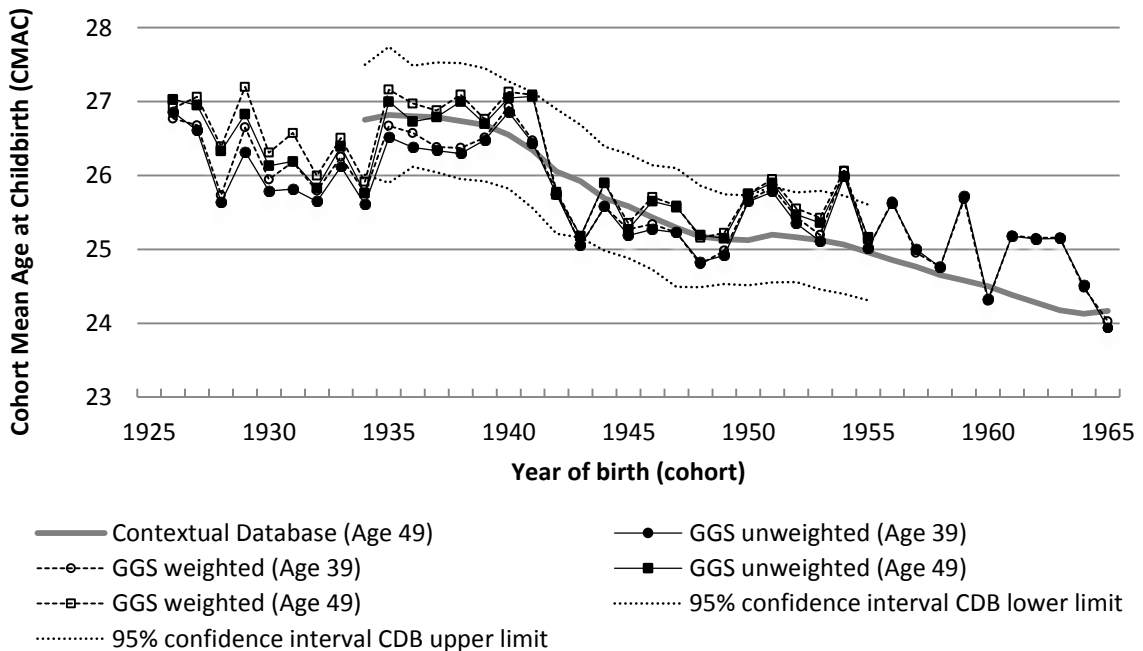


Figure 1.13.8 Cohort Mean Age at Childbearing Romania



1.14 Russia

- *Period Total Female First Marriage Rate and Mean Age at Female First Marriage*

Figure 1.14.1 Period Total Female First Marriage Rate Russia

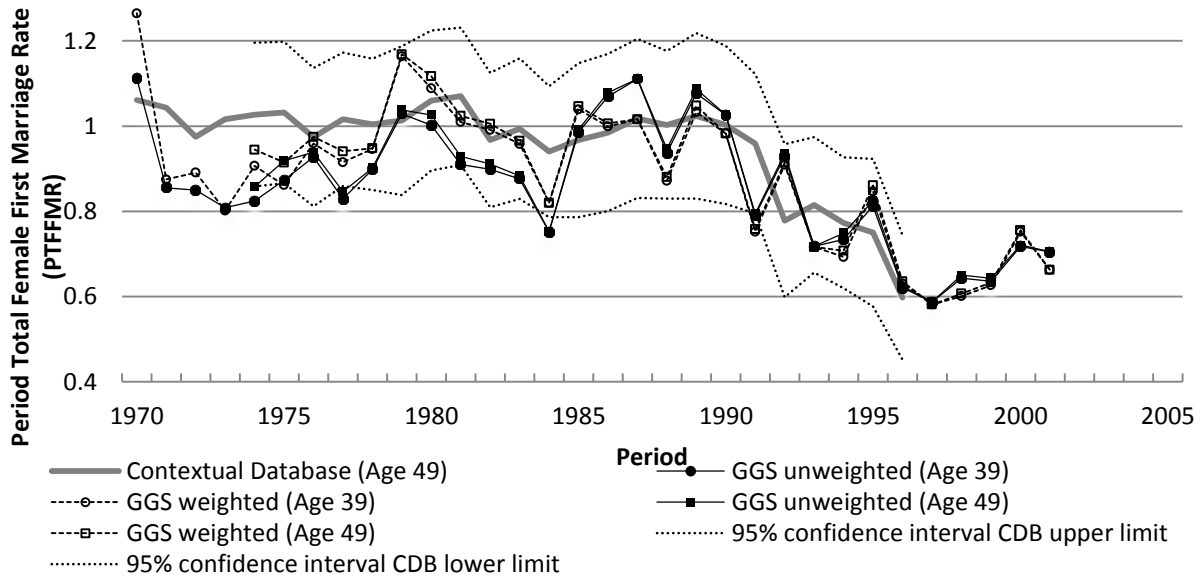
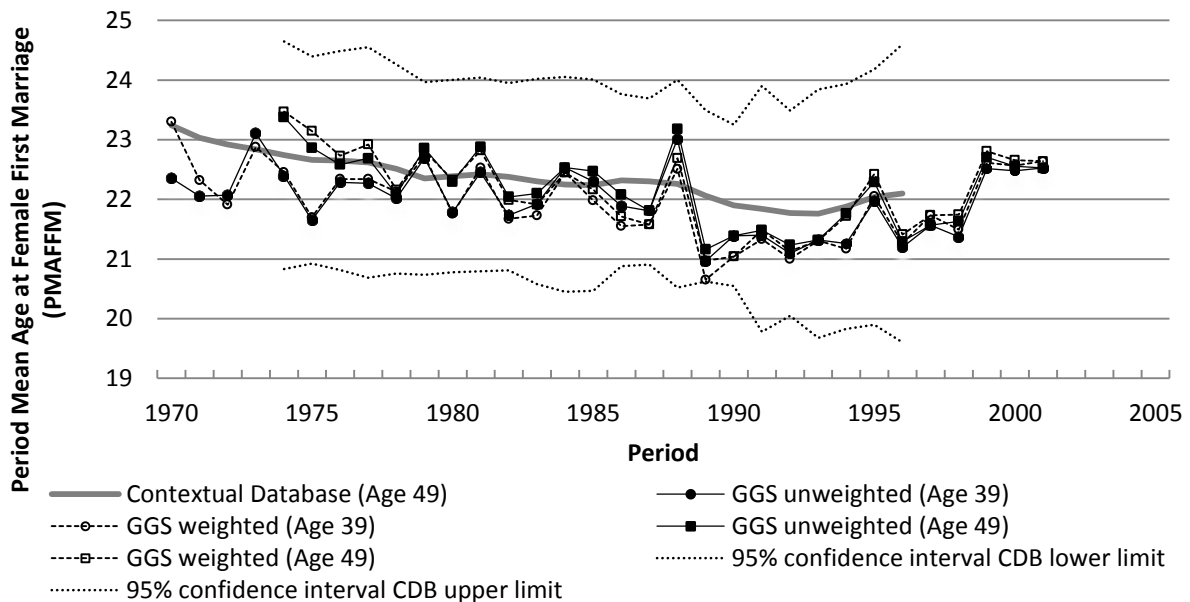


Figure 1.14.2 Period Mean Age at Female First Marriage Russia



• *Cohort Total Female First Marriage Rate and Mean Age at Female First Marriage*

Figure 1.14.3 Cohort Total Female First Marriage Rate Russia

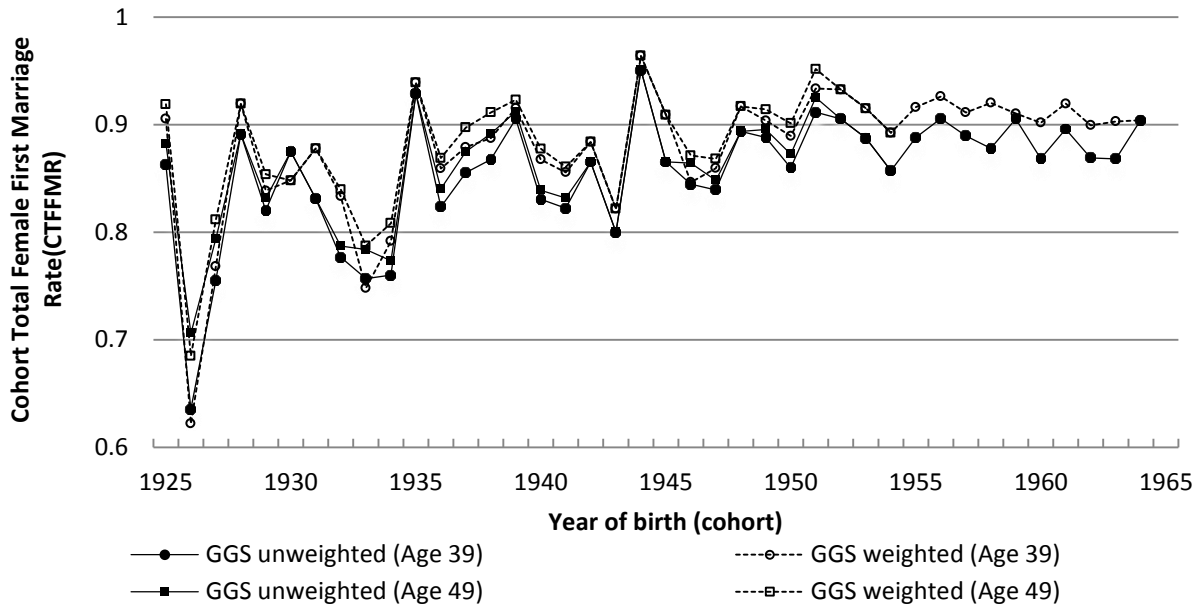
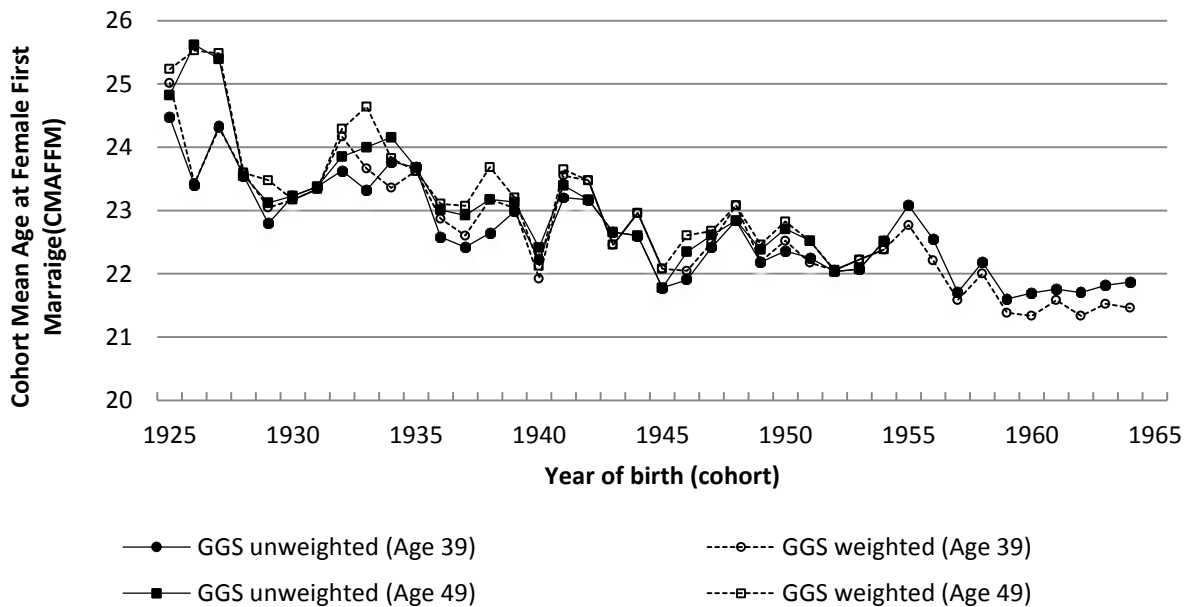


Figure 1.14.4 Cohort Total Female First Marriage Rate Russia



- **Period Total Fertility Rate and Mean Age at Childbearing**

Figure 1.14.5 Period Total Fertility Rate Russia

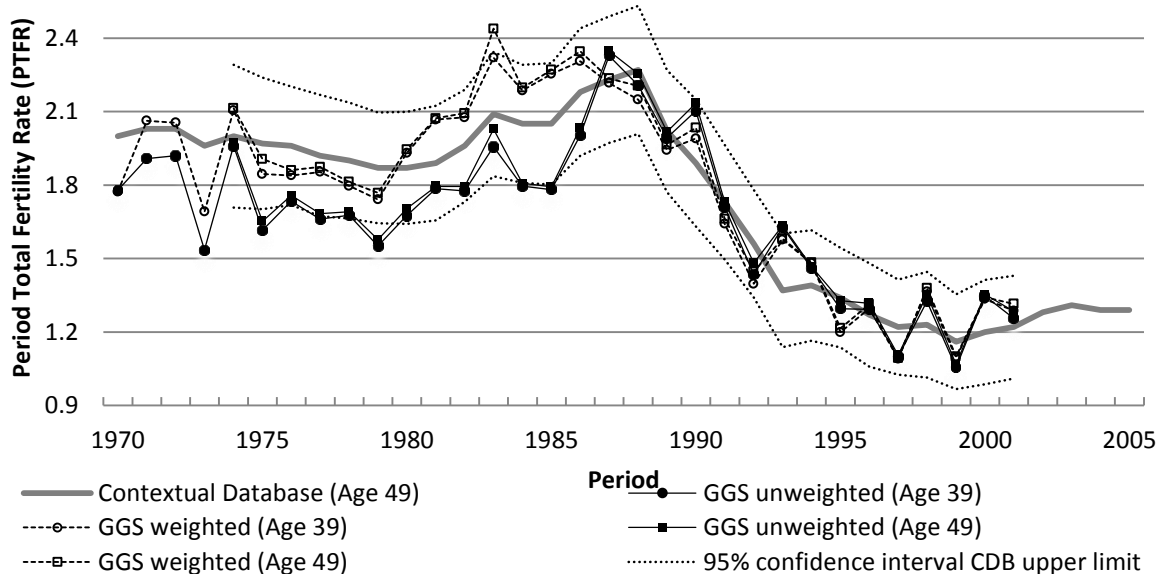
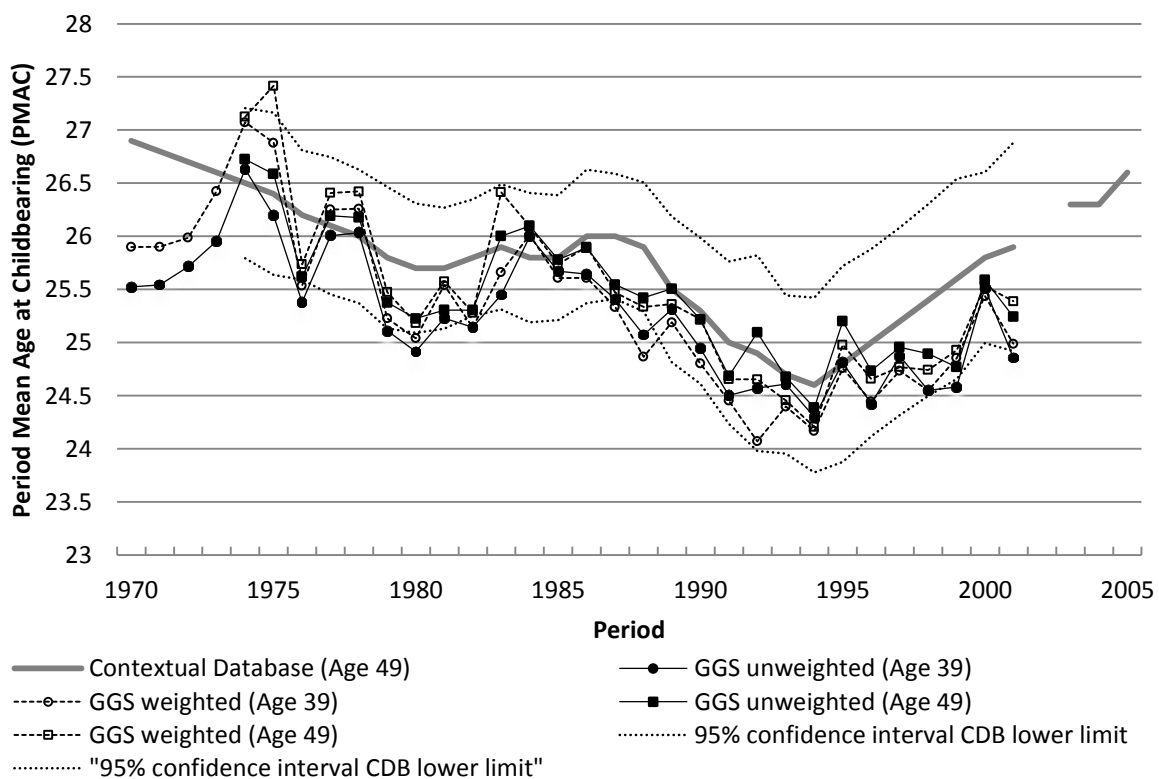


Figure 1.14.6 Period Mean Age at Childbearing Russia



• **Cohort Total Fertility Rate and Mean Age at Childbearing**

Figure 1.14.7 Cohort Total Fertility Rate Russia

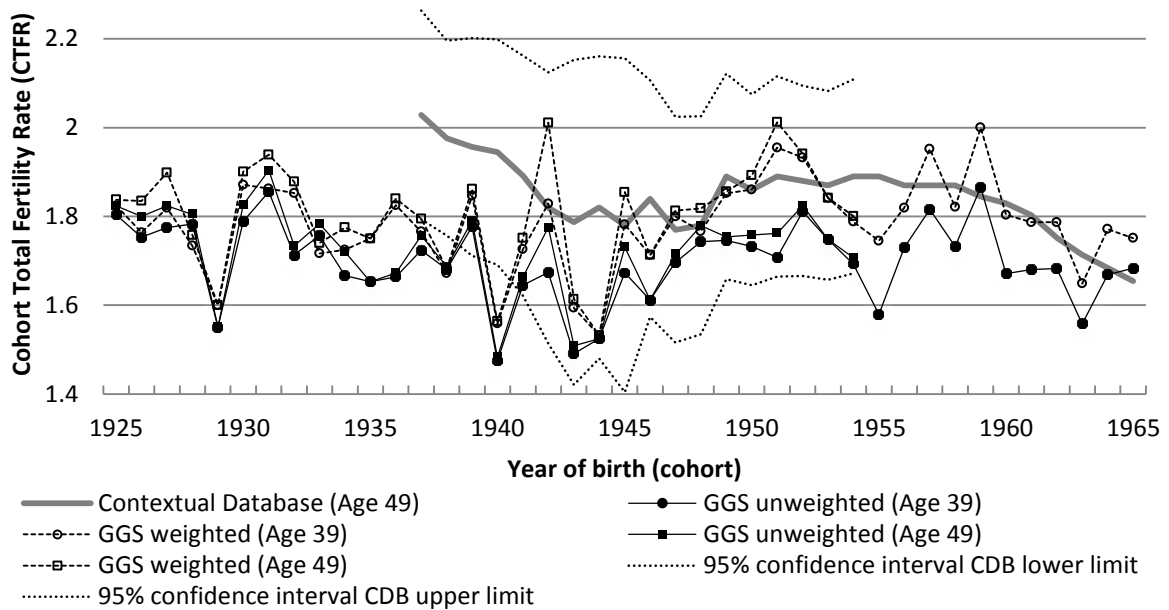
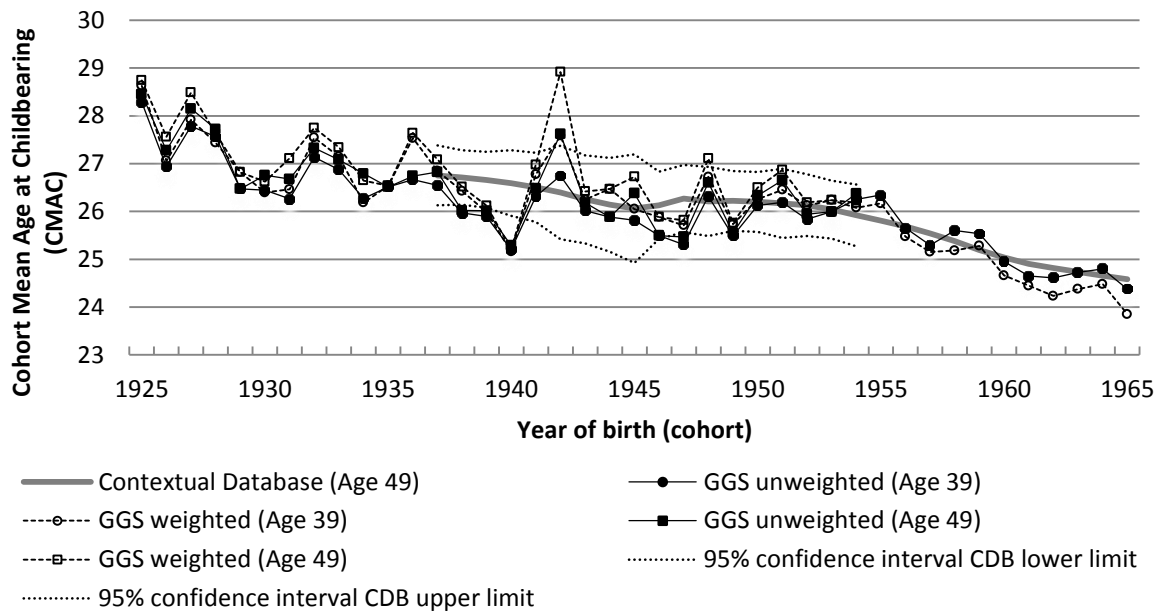


Figure 1.14.8 Cohort Mean Age at Childbearing Russia



2. Summary tables

2.1 Period Total Female First Marriage Rate & Period Mean Age at Female First Marriage

Table 2.1.1 Period Total Female First Marriage Rate (calculated up to exact age of 49): mean difference in subsequent 5-year interval between time-series estimated retrospectively from the GGS and time-series drawn from vital registration.

	1975-1979	1980-1984	1985-1989	1990-1994	1995-1999
<i>Australia</i>	-	-	-	-	-
<i>Austria</i> ¹	-	-	-	0.0674	-0.0101
<i>Belgium</i>	-	0.0258	0.0108	0.0097	0.1094
<i>Bulgaria</i>	-	-0.0281	-0.0519	0.0376	0.0281
<i>Estonia</i>	0.0094	0.0173	0.0166	-0.0141	-
<i>France</i>	-	0.0608	0.0243	-0.0061	0.0636
<i>Georgia</i>	-	-	-	0.1109	0.0604
<i>Germany</i>	0.0115	0.0616	0.0480	0.0799	0.1225
<i>Hungary</i>	-	-0.0291	-0.0414	-0.0303	-
<i>Italy</i>	-	-	-	0.0725	0.1016
<i>Netherlands (w0)</i>	-0.1385	-0.0638	-0.0865	0.0031	0.1806
<i>Netherlands (w1)</i>	-0.1630	-0.0843	-0.1023	-0.0116	0.1392
<i>Norway</i>	-	0.0310	0.0708	0.0370	0.0411
<i>Romania</i>	-	-0.0225	0.1047	0.0480	0.0775
<i>Russia</i>	-0.0184	-0.0199	0.0000	-0.0497	-

Source: Generations & Gender Survey (Wave 1), Calculations by authors

¹ Rates up to 24 years are used in order to maintain the comparable period

Table 2.1.2 Period Mean Age at Female First Marriage (calculated up to exact age of 49): mean difference in 5-year intervals between time-series estimated retrospectively from the GGS and time-series drawn from vital registration.

	1975-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004
<i>Australia</i>	-	1.1019	0.6069	0.6981	0.3458	0.3745
<i>Austria</i>	-	-	-	-	-	-
<i>Belgium</i>	-	0.2028	0.1659	0.5753	0.4546	-0.6016
<i>Bulgaria</i>	-	0.0580	0.1850	0.0676	-0.0145	-
<i>Estonia</i>	-0.0731	0.1498	-0.3210	0.2147	-	-
<i>France</i>	-	0.2421	-0.0449	-0.1674	-0.0039	-
<i>Georgia</i>	-	-	-	-1.1827	-1.7041	-
<i>Germany</i>	0.7909	0.4403	0.3959	-0.7325	-0.2378	-
<i>Hungary</i>	-	-0.3008	0.0309	-0.4795	-	-
<i>Italy</i>	-	-	-	0.2997	0.2317	-
<i>Netherlands (w0)</i>	0.8585	1.7272	1.7396	1.2330	1.4224	-
<i>Netherlands (w1)</i>	0.8995	1.6888	1.7553	1.2378	1.4522	-
<i>Norway</i>	-	0.1932	0.7968	0.1261	0.0788	-
<i>Romania</i>	-	0.0821	-0.2834	-0.5071	-0.5336	-
<i>Russia</i>	0.1960	-0.0491	-0.4125	-0.4909	-	-

Source: Generations & Gender Survey (Wave 1), Calculations by authors

2.2 Cohort Total Female First Marriage Rate & Cohort Mean Age at Female First Marriage

Table 2.2.1 Cohort Total Female First Marriage Rate (calculated up to exact age of 49): mean difference in subsequent 5-year intervals between time-series estimated retrospectively from the GGS and time-series drawn from vital registration.

	1930-1934	1935-1939	1940-1944	1945-1949	1950-1954	1955-1959
Australia	-	-	-	-	-	-
Austria	-	-	-	-	-	-
Belgium	-	-0.1374	-0.1305	-0.0402	0.0055	0.0030
Bulgaria	-	-	-	-0.0611	-0.0765	-
Estonia	-	-	-	-	-	-
France	-0.0825	-0.0446	-0.0512	-0.0476	0.0016	-
Georgia	-	-	-	-	-	-
Germany	-	-0.2077	-0.1293	-0.1081	-0.0583	-
Hungary	-0.0077	-0.0135	-0.0463	-0.0547	-0.0574	-
Italy	-	-	0.0239	-0.0310	-	-
Netherlands (w0)	-0.4529	-0.2594	-0.2175	-0.1886	-0.1764	-
Netherlands (w1)	-0.4977	-0.2908	-0.2437	-0.2173	-0.2018	-
Norway	-0.1317	-0.1250	-0.0489	-0.0128	-0.0014	-
Romania	-	-	0.0204	0.0083	-0.0869	-
Russia	-	-	-	-	-	-

Source: Generations & Gender Survey (Wave 1), Calculations by authors

Table 2.2.2 Cohort Mean Age at Female First Marriage: mean difference in subsequent 5-year intervals between time-series estimated retrospectively from the GGS and time-series drawn from vital registration.

	1930-1934	1935-1939	1940-1944	1945-1949	1950-1954	1955-1959
Australia	-	-	-	-	-	-
Austria	-	-	-	-	-	-
Belgium	-	0.4853	0.9144	0.3817	0.8732	0.3916
Bulgaria	-	-	-	0.8486	-0.0260	-
Estonia	-	-	-	-	-	-
France	-0.2020	-0.1221	0.0725	0.1207	0.3607	-
Georgia	-	-	-	-	-	-
Germany	-	0.7315	1.1081	0.5484	0.6031	-
Hungary	-0.5623	-0.0917	0.2482	0.0787	0.0685	-
Italy	-	-	-0.4450	-0.4750	-	-
Netherlands (w0)	1.7968	0.9351	1.4779	1.2412	2.0268	-
Netherlands (w1)	1.7303	0.9294	1.5014	1.1221	2.0841	-
Norway	-0.1227	0.8346	0.5081	0.5358	0.2166	-
Romania	-	-	-0.0085	-0.0385	0.0975	-
Russia	-	-	-	-	-	-

Source: Generations & Gender Survey (Wave 1), Calculations by authors

2.3 Period Total Fertility Rate & Period Mean Age at Childbearing

Table 2.3.1 Period Total Fertility Rate (calculated up to exact age of 49): mean difference in subsequent 5-year intervals between time-series estimated retrospectively from the GGS and time-series drawn from vital registration.

	1975-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004
<i>Australia</i>	0.0234	0.0446	0.2019	0.0954	0.0621	0.0030
<i>Austria</i> ¹	-	-	-	-0.0065	-0.0634	-0.0063
<i>Belgium</i>	-	-0.0437	0.0211	0.0830	-0.0430	0.1324
<i>Bulgaria</i>	-	-0.2242	-0.1100	0.0630	0.0568	-
<i>Estonia</i>	-0.2756	-0.1240	-0.1942	-0.1671	-	-
<i>France</i>	-	0.0327	-0.0213	0.1212	-0.0425	-
<i>Georgia</i>	-	-0.2095	-0.0328	0.4876	0.2655	-
<i>Germany</i>	-0.1458	0.0443	0.2553	0.1647	0.1833	-
<i>Hungary</i>	-	-0.0311	0.0037	0.0467	-	-
<i>Italy</i>	-	-	-	0.0384	-0.0643	-
<i>Netherlands (w0)</i>	-0.1105	-0.2246	-0.2189	-0.2824	-0.1618	-
<i>Netherlands (w1)</i>	-0.0797	-0.1540	-0.1615	-0.2385	-0.0871	-
<i>Norway</i>	-	-0.0126	0.0879	0.1094	-0.0036	-
<i>Romania</i>	-	-0.3406	-0.1310	0.0293	0.1350	-
<i>Russia</i>	-0.0798	0.1775	0.0542	0.0536	-0.0235	-

Source: Generations & Gender Survey (Wave 1), Calculations by authors

¹ Rates up to 24 years are used in order to maintain the comparable period

Table 2.3.2 Period Mean Age at Childbearing (calculated up to exact age of 49): mean difference in subsequent 5-year intervals between time-series estimated retrospectively from the GGS and time-series drawn from vital registration.

	1975-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004
<i>Australia</i>	1.6137	1.5046	0.2554	-0.0266	-0.4580	-0.6986
<i>Austria</i> ¹	-	-	-	0.7176	0.9278	0.6982
<i>Belgium</i>	-	0.4980	0.2353	0.3709	0.3871	0.0003
<i>Bulgaria</i>	-	0.5851	0.5485	0.3736	0.0014	-
<i>Estonia</i>	0.3782	-0.0908	0.3976	0.4916	-	-
<i>France</i>	-	-0.0153	0.1810	-0.0308	-0.2120	-
<i>Georgia</i>	-	0.3315	-0.1792	-0.5461	-0.3904	-
<i>Germany</i>	0.4178	0.1842	-0.1130	-0.0129	-0.0873	-
<i>Hungary</i>	-	-0.2258	0.0893	0.0114	-	-
<i>Italy</i>	-	-	-	-0.2588	-0.1964	-
<i>Netherlands (w0)</i>	-0.5917	-0.6555	-0.4624	-0.8315	-0.3998	-
<i>Netherlands (w1)</i>	-0.5204	-0.5844	-0.4355	-0.8917	-0.4479	-
<i>Norway</i>	-	-0.0412	0.1800	0.3316	-0.0901	-
<i>Romania</i>	-	0.1750	0.2740	0.0949	0.0216	-
<i>Russia</i>	0.1920	-0.0699	-0.2789	-0.2611	-0.3839	-

Source: Generations & Gender Survey (Wave 1), Calculations by authors

¹ Rates up to 24 years are used in order to maintain the comparable period

2.4 Cohort Total Fertility Rate & Cohort Mean Age at Childbearing

*Table 2.4.1 Cohort Total Fertility Rate (calculated up to exact age of 49):
mean difference in 5-year intervals between time-series estimated retrospectively from the
GGs and time-series drawn from vital registration.*

	1930-1934	1935-1939	1940-1944	1945-1949	1950-1954	1955-1959
Australia	-0.0259	-0.2051	0.3599	-0.0422	-0.0270	-
Austria	-	-	-	-	-	-
Belgium	-0.4259	-0.4618	-0.2543	-0.2036	-0.0606	0.0111
Bulgaria	-0.4324	-0.3907	-0.3471	-0.2767	-0.2509	-
Estonia	-	-	-	0.0330	0.0768	-
France	0.1468	-0.0238	-0.1090	-0.0632	-0.0891	-
Georgia	-	-0.3127	-0.2344	-0.2755	-	-
Germany	-0.4446	-0.2209	-0.1724	-0.2721	-0.1428	-
Hungary	-0.2553	-0.2485	-0.0849	-0.1290	-0.0797	-
Italy	-	-	-0.1728	-0.2200	-0.2295	-
Netherlands (w0)	0.0521	0.1281	0.1012	0.2060	0.0781	-
Netherlands (w1)	0.0290	0.1165	0.1020	0.1588	0.0459	-
Norway	-0.0864	-0.1651	-0.1890	-0.0592	-0.0172	-
Romania	-0.5984	-0.3821	-0.4324	-0.3956	-0.3212	-
Russia	-	-	-0.1582	-0.0012	0.0196	-

Source: Generations & Gender Survey (Wave 1), Calculations by authors

*Table 2.4.2 Cohort Mean Age at Childbearing (calculated up to exact age of 49):
mean difference in 5-year intervals between time-series estimated retrospectively from the
GGs and time-series drawn from vital registration in subsequent.*

	1930-1934	1935-1939	1940-1944	1945-1949	1950-1954	1955-1959
Australia	1.1359	1.2771	1.0566	0.8828	-	-
Austria	-	-	-	-	-	-
Belgium	0.4856	0.3273	0.4750	0.8843	0.3859	0.3865
Bulgaria	0.6129	0.2964	0.4847	0.6221	0.2717	-
Estonia	-	-	-	0.3680	0.6088	-
France	-0.1607	-0.0227	0.1258	0.0389	0.0274	-
Georgia	-	-	-	-	-	-
Germany	0.1056	0.2455	0.2518	0.9129	0.7283	-
Hungary	0.0037	-0.3247	0.4168	0.0989	-0.0964	-
Italy	-	-	-0.7394	-0.2280	0.4742	-
Netherlands (w0)	0.7505	0.6043	0.5188	1.1507	0.6314	-
Netherlands (w1)	0.7016	0.5799	0.5217	0.9406	0.5943	-
Norway	0.2858	0.1020	0.0259	0.5467	0.0833	0.4468
Romania	-	0.2573	-0.0588	0.2536	0.5243	-
Russia	-	-	0.4205	0.0804	0.3021	-

Source: Generations & Gender Survey (Wave 1), Calculations by authors