

## **Supplemental Material**

### **Time trends and income inequalities in cancer incidence and cancer-free life expectancy – a cancer site-specific analysis of German health insurance data**

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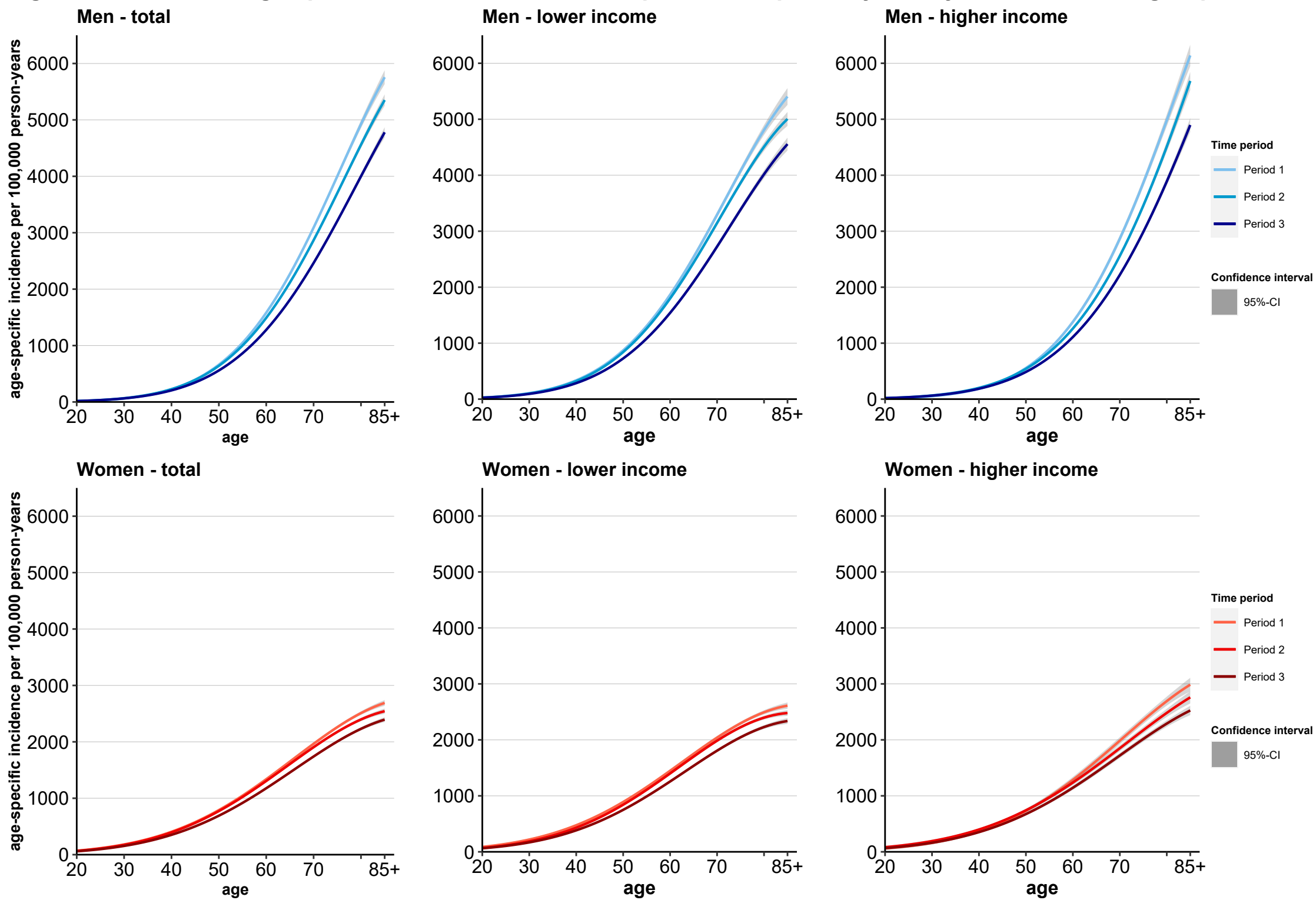
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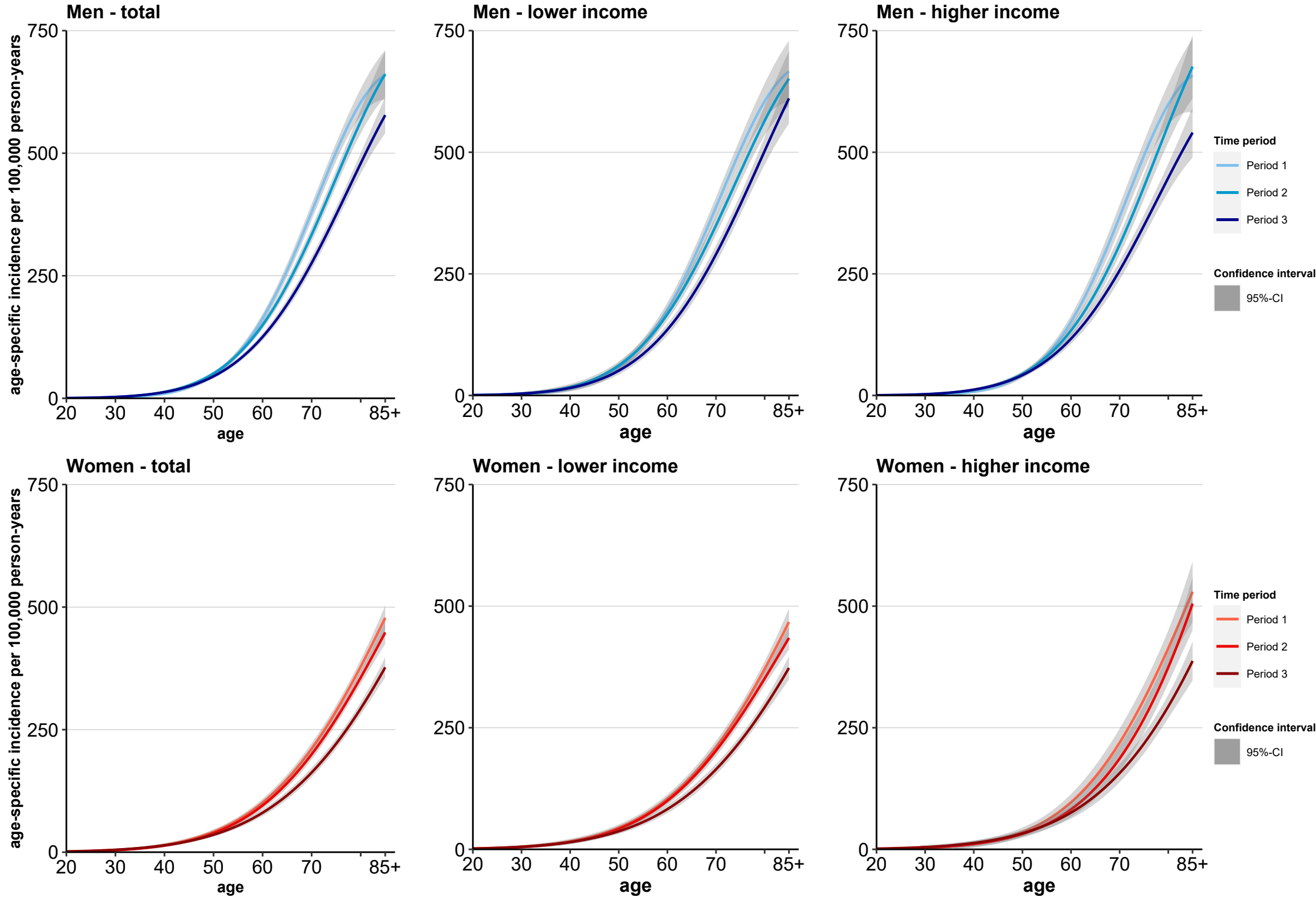
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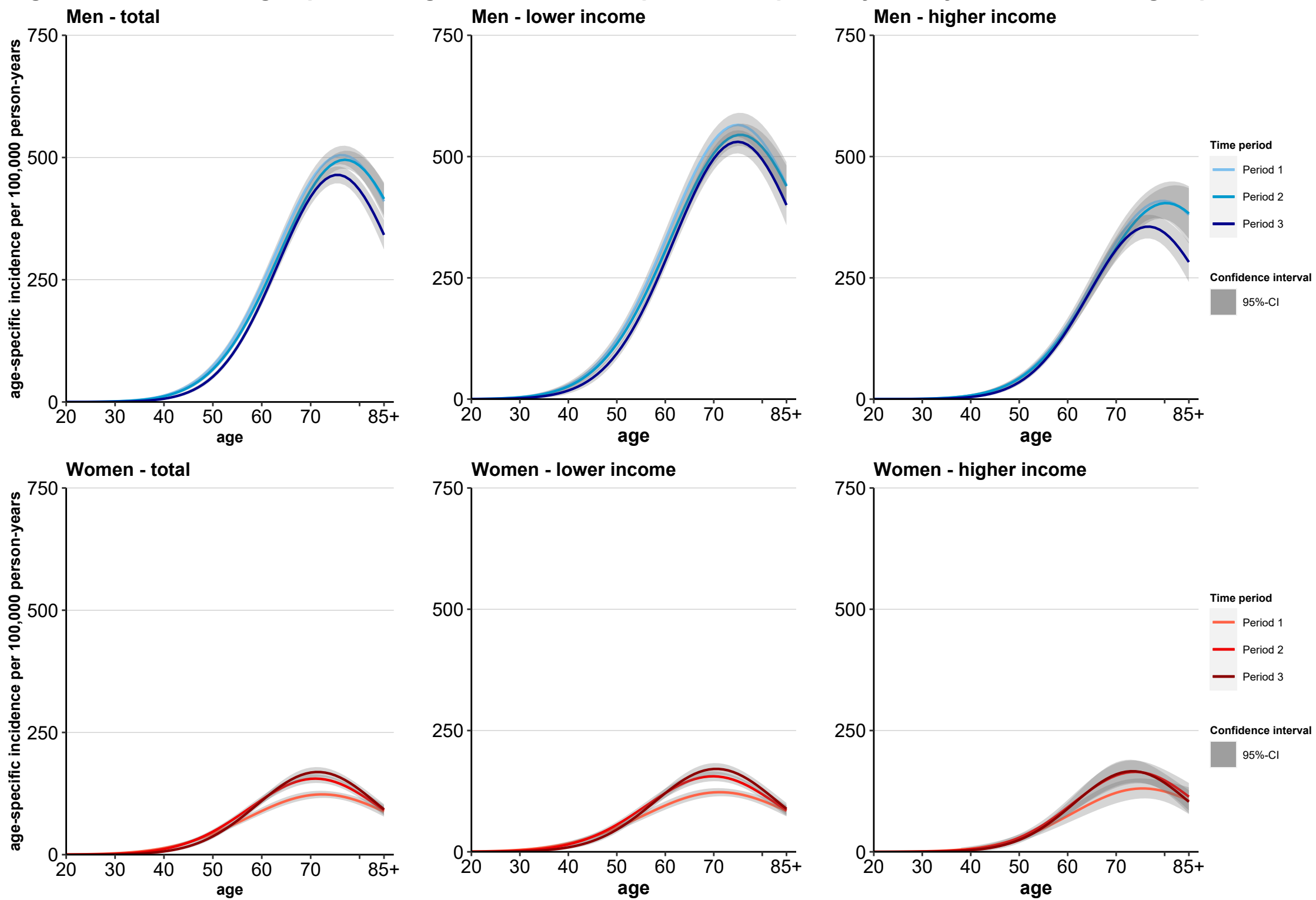
**Fig. S1 Time trend in age-specific total cancer incidence per 100,000 person-years by sex and income group**



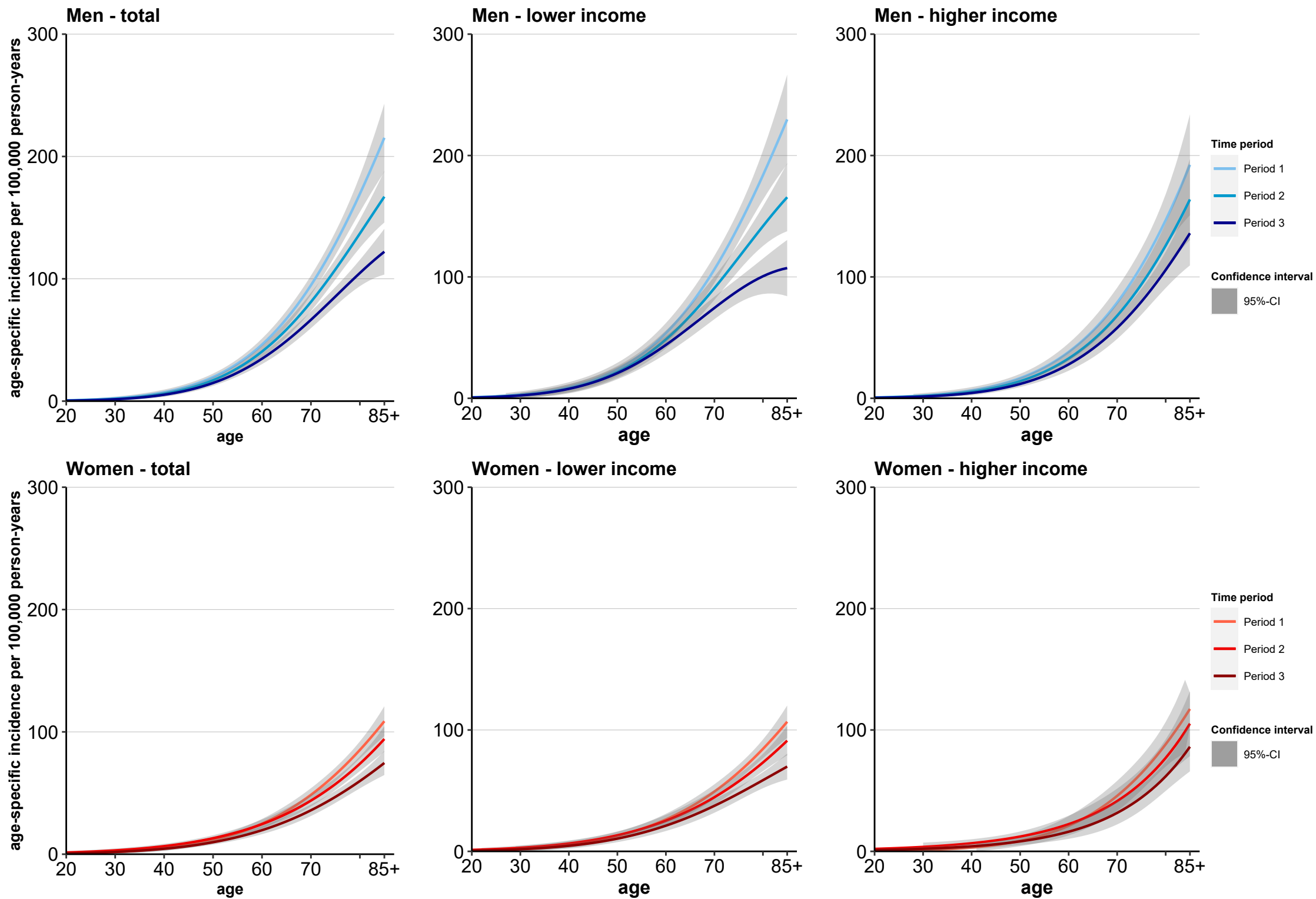
**Fig. S2 Time trend in age-specific colon cancer incidence per 100,000 person-years by sex and income group**



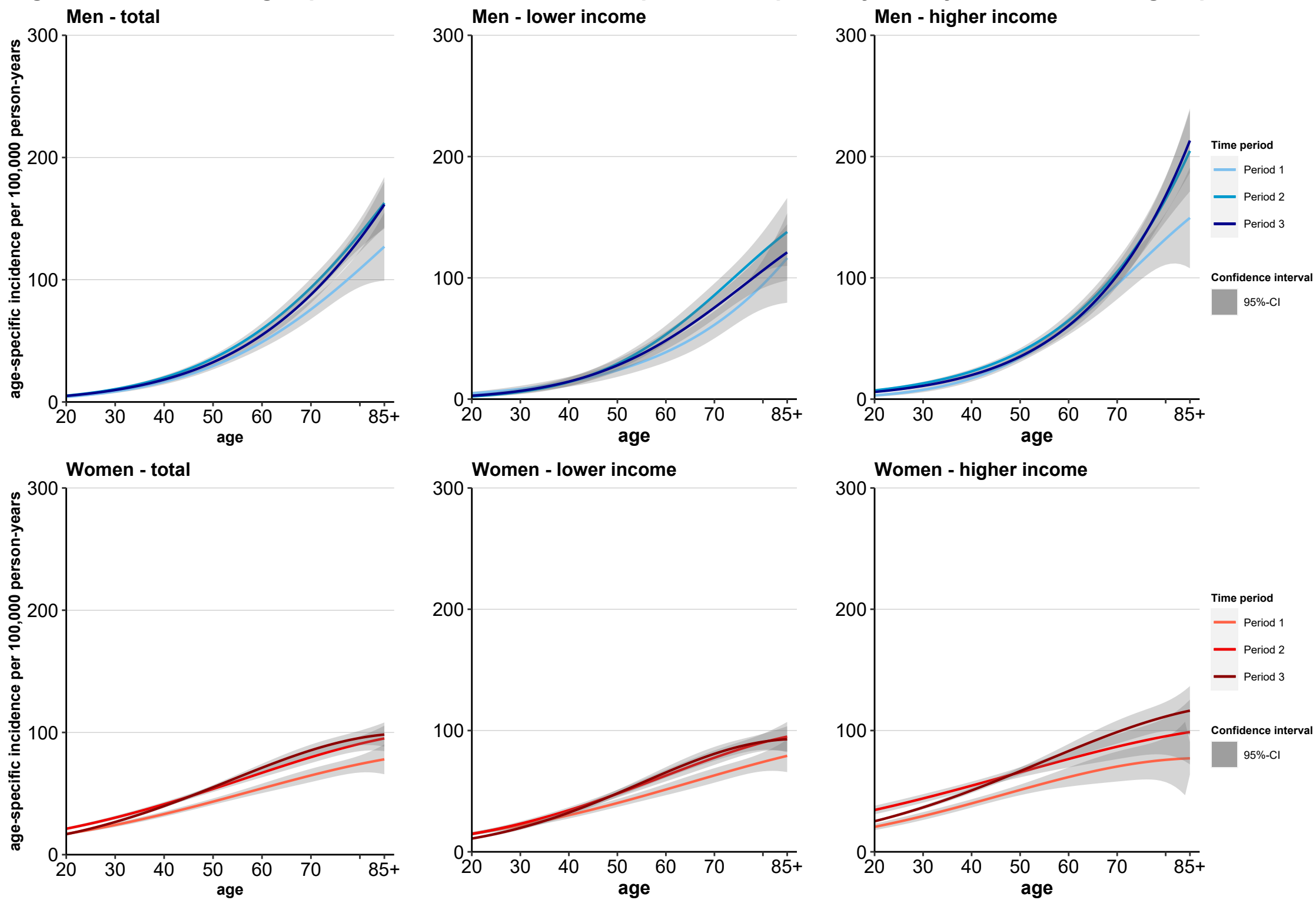
**Fig. S3 Time trend in age-specific lung cancer incidence per 100,000 person-years by sex and income group**



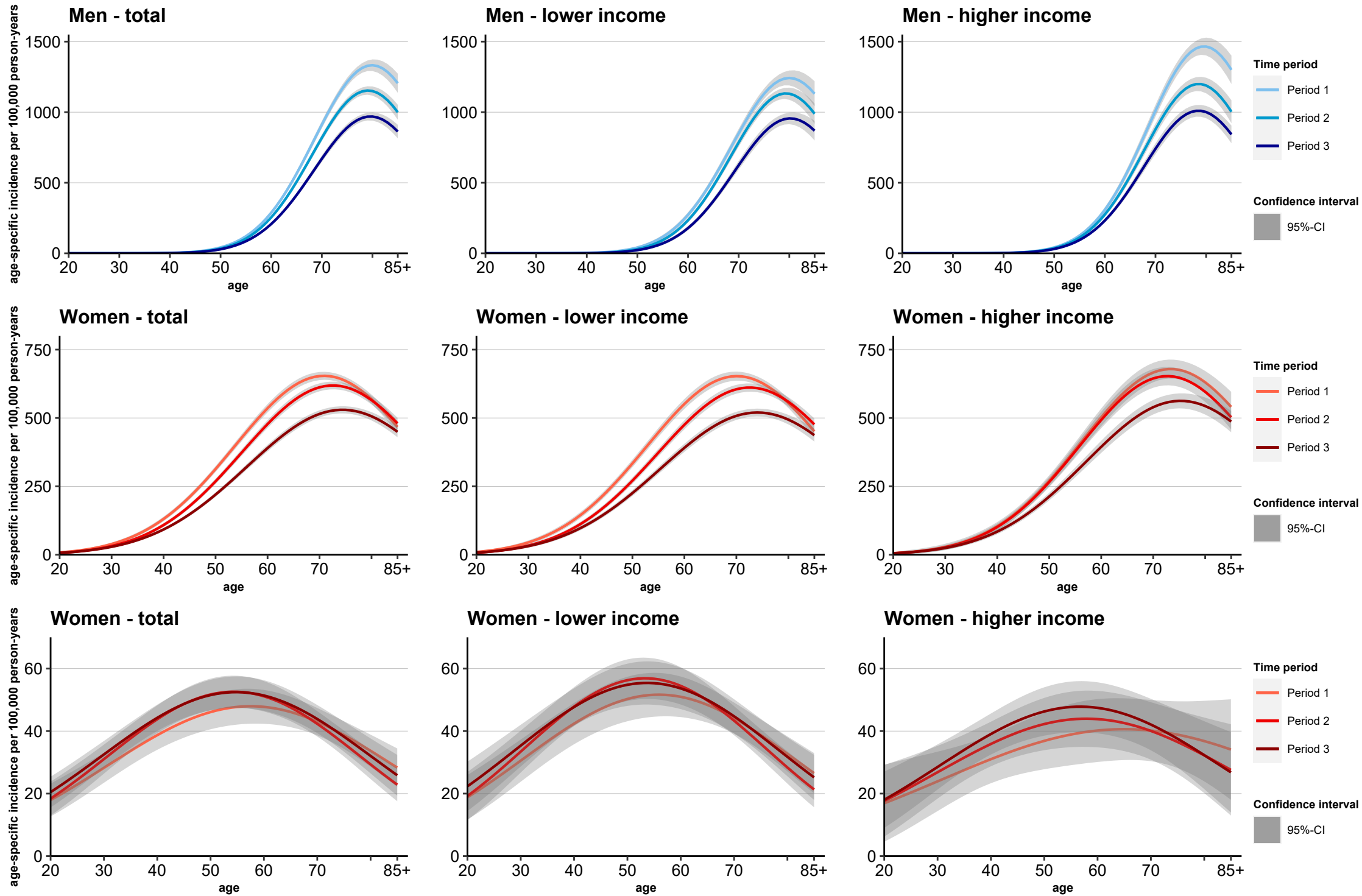
**Fig. S4 Time trend in age-specific stomach cancer incidence per 100,000 person-years by sex and income group**



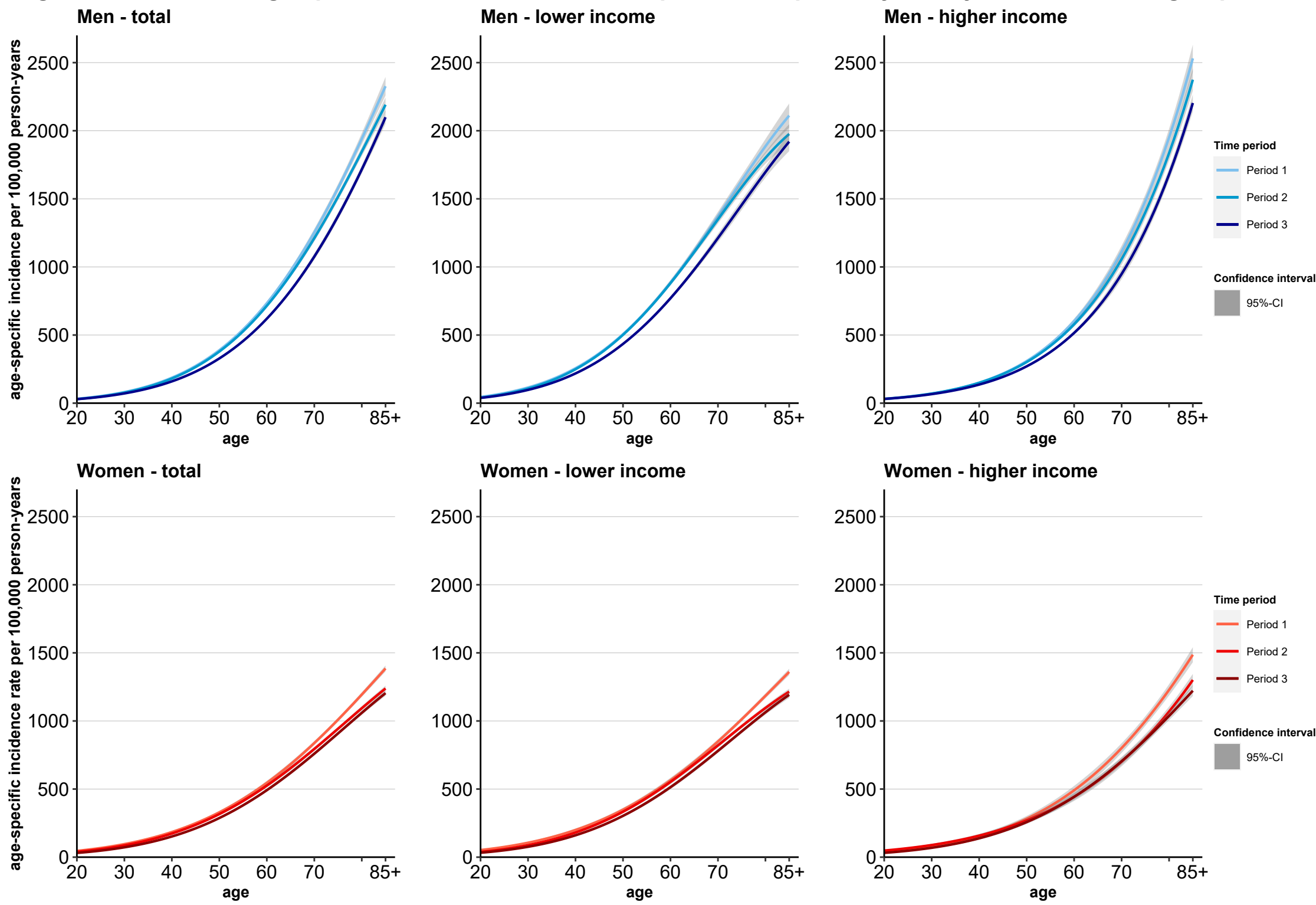
**Fig. S5 Time trend in age-specific skin cancer incidence per 100,000 person-years by sex and income group**



**Fig. S6 Time trend in age-specific incidence (prostate cancer, breast cancer, and cervix uteri) per 100,000 person-years by sex and income group**

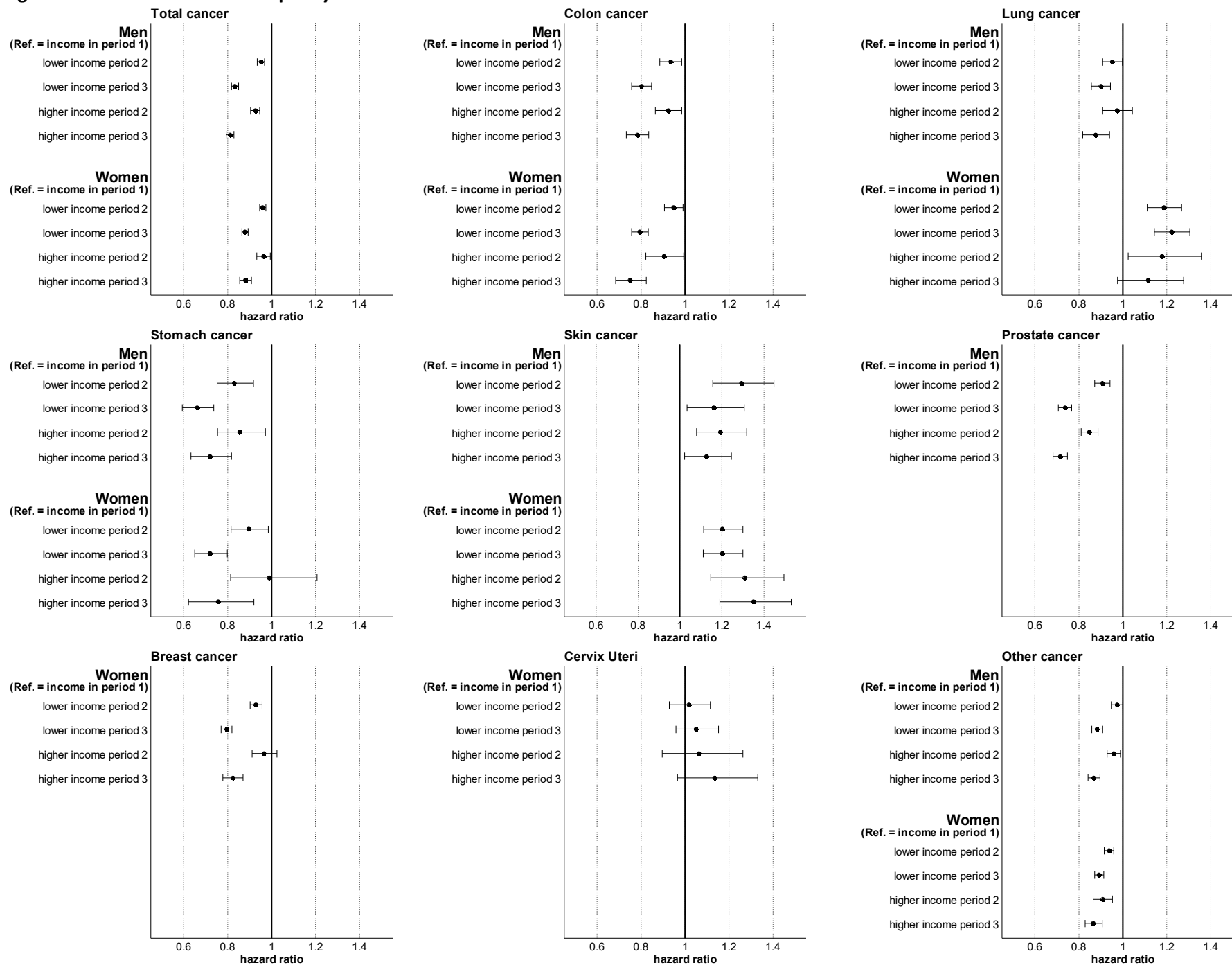


**Fig. S7 Time trend in age-specific other cancer incidence per 100,000 person-years by sex and income group**





**Fig. S8 Time trend in income inequality in cancer risk in men and women**



Note: All models were stratified for sex and income group, and are controlled for age (in single-year age groups as second-degree polynomial) and period, and were performed separately for total cancer and the single-cancer sites

**Fig. S9 Time trend in cancer-free life expectancy in total cancer by sex and income group**

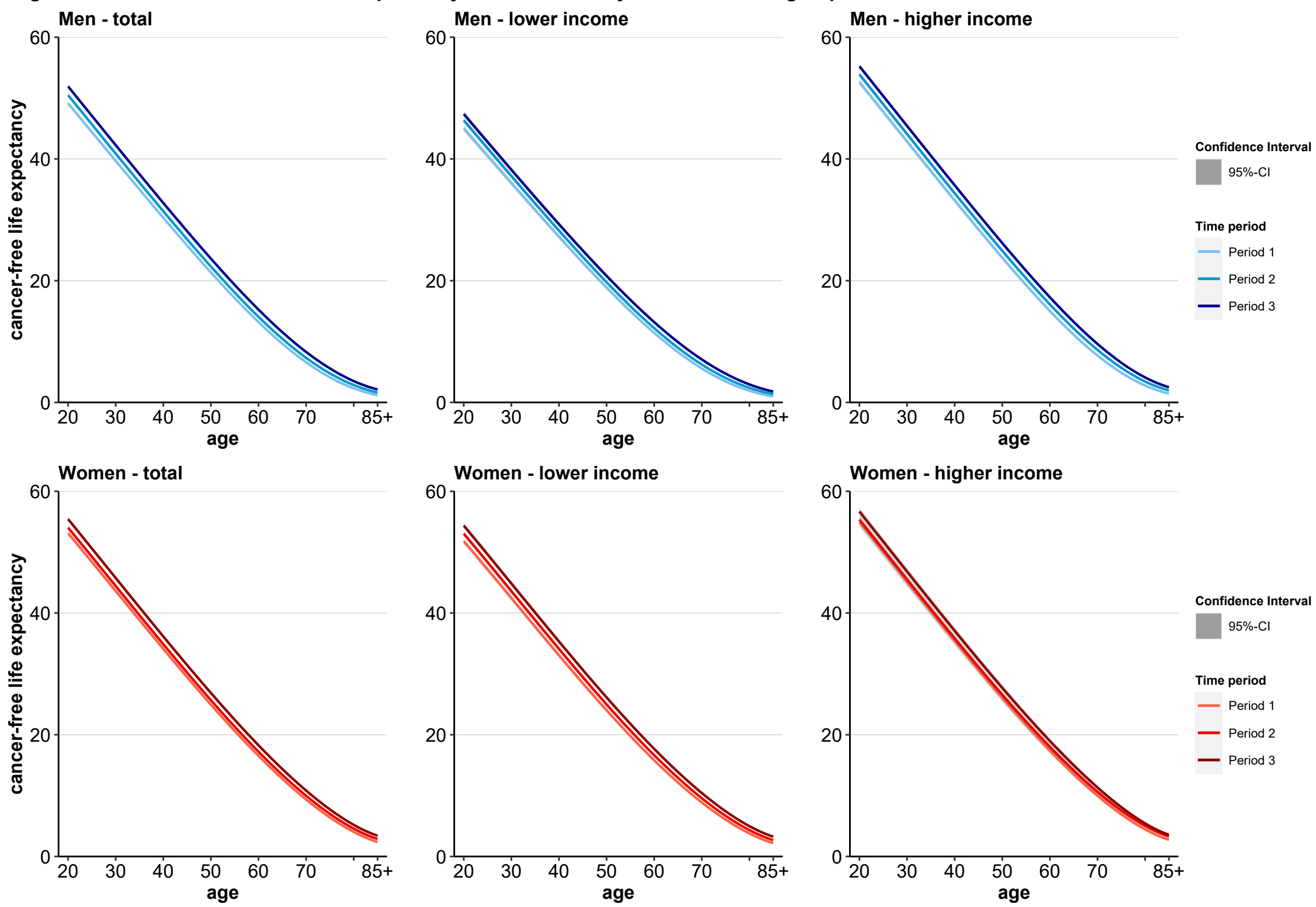


Fig. S10 Time trend in cancer-free life expectancy in colon cancer by sex and income group

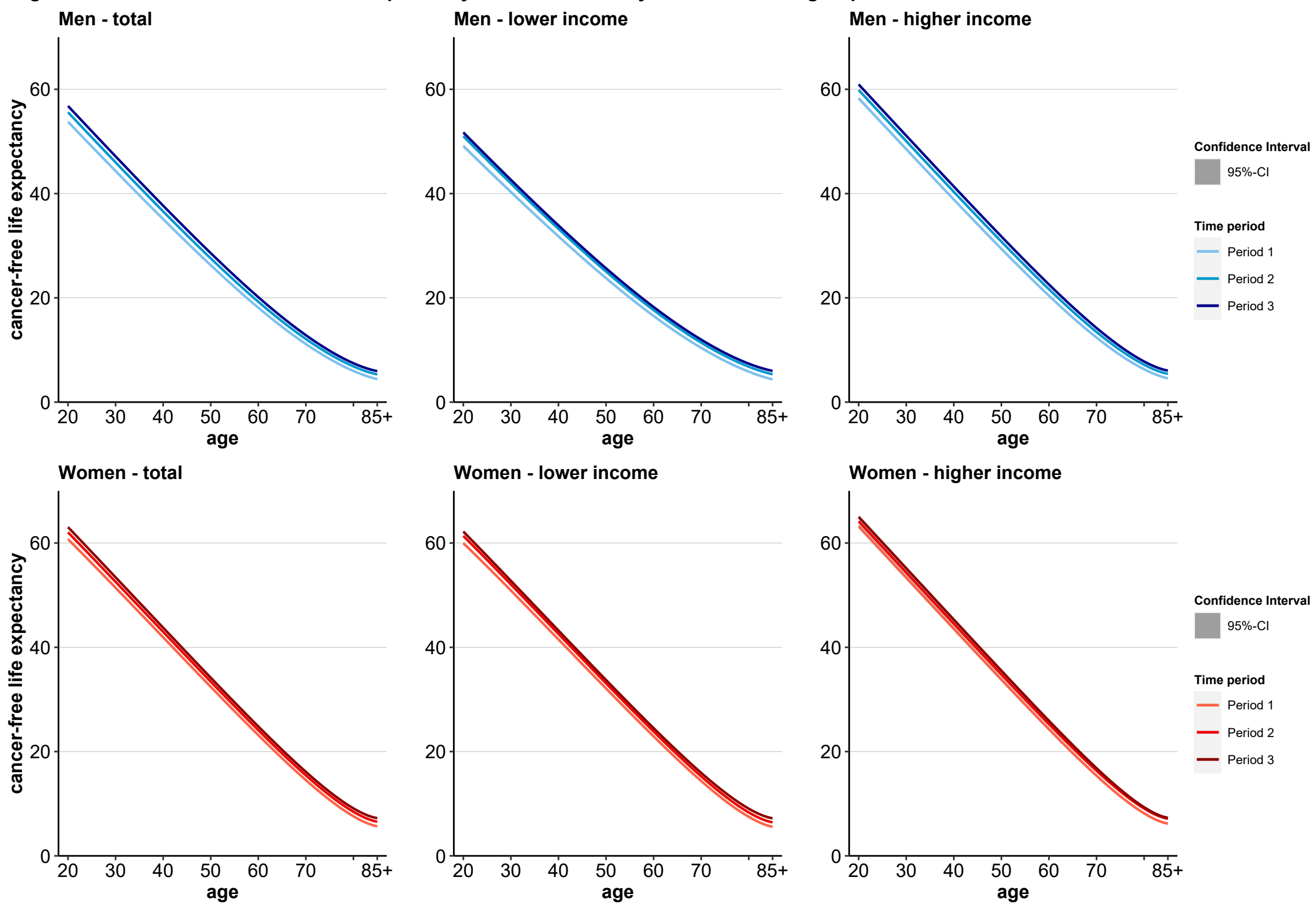


Fig. S11 Time trend in cancer-free life expectancy in lung cancer by sex and income group

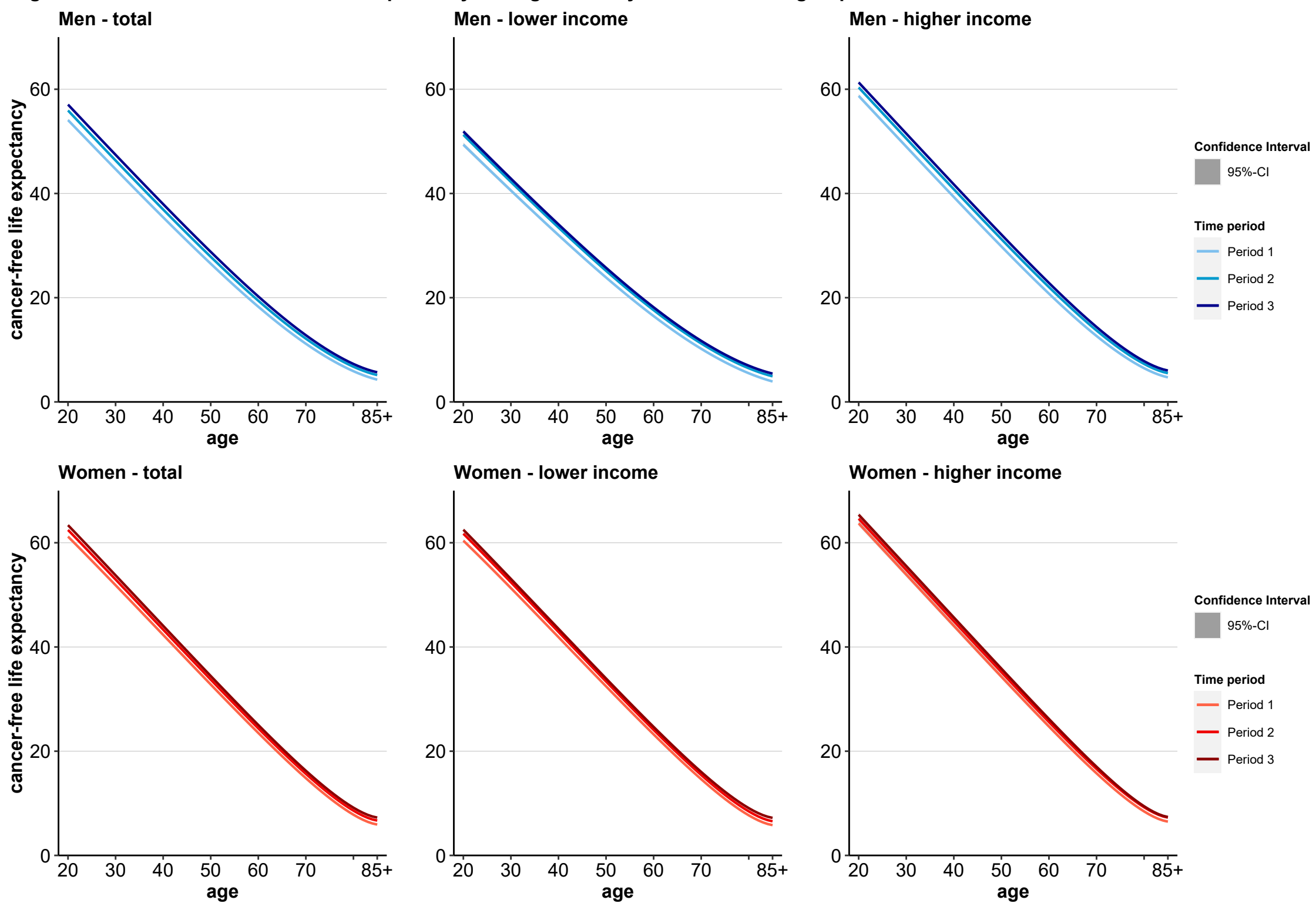


Fig S12 Time trend in cancer-free life expectancy in stomach cancer by sex and income group

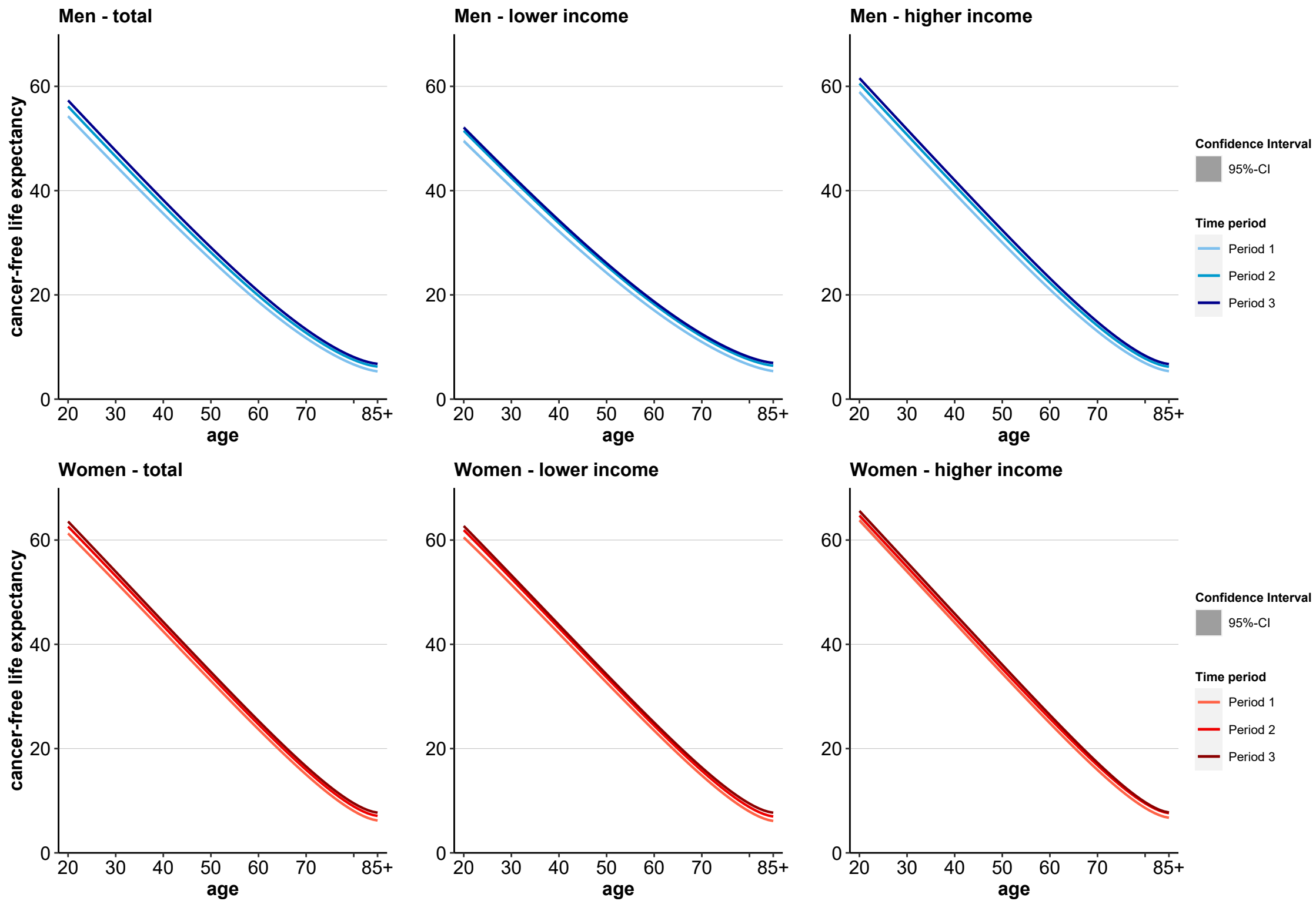
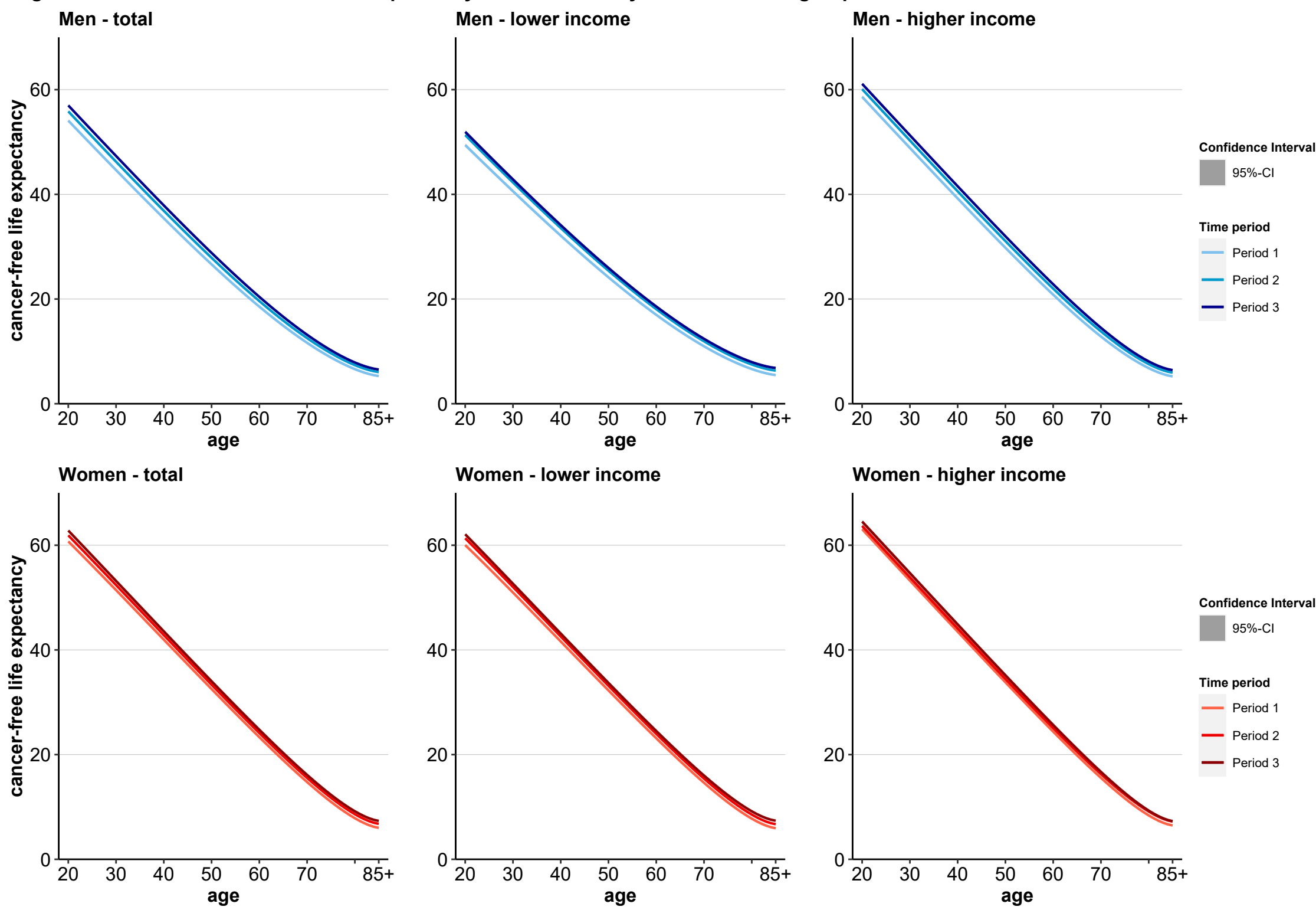


Fig. S13 Time trend in cancer-free life expectancy in skin cancer by sex and income group



**Fig. S14 Time trend in cancer-free life expectancy in prostate, breast, and cervix cancer by sex and income group**

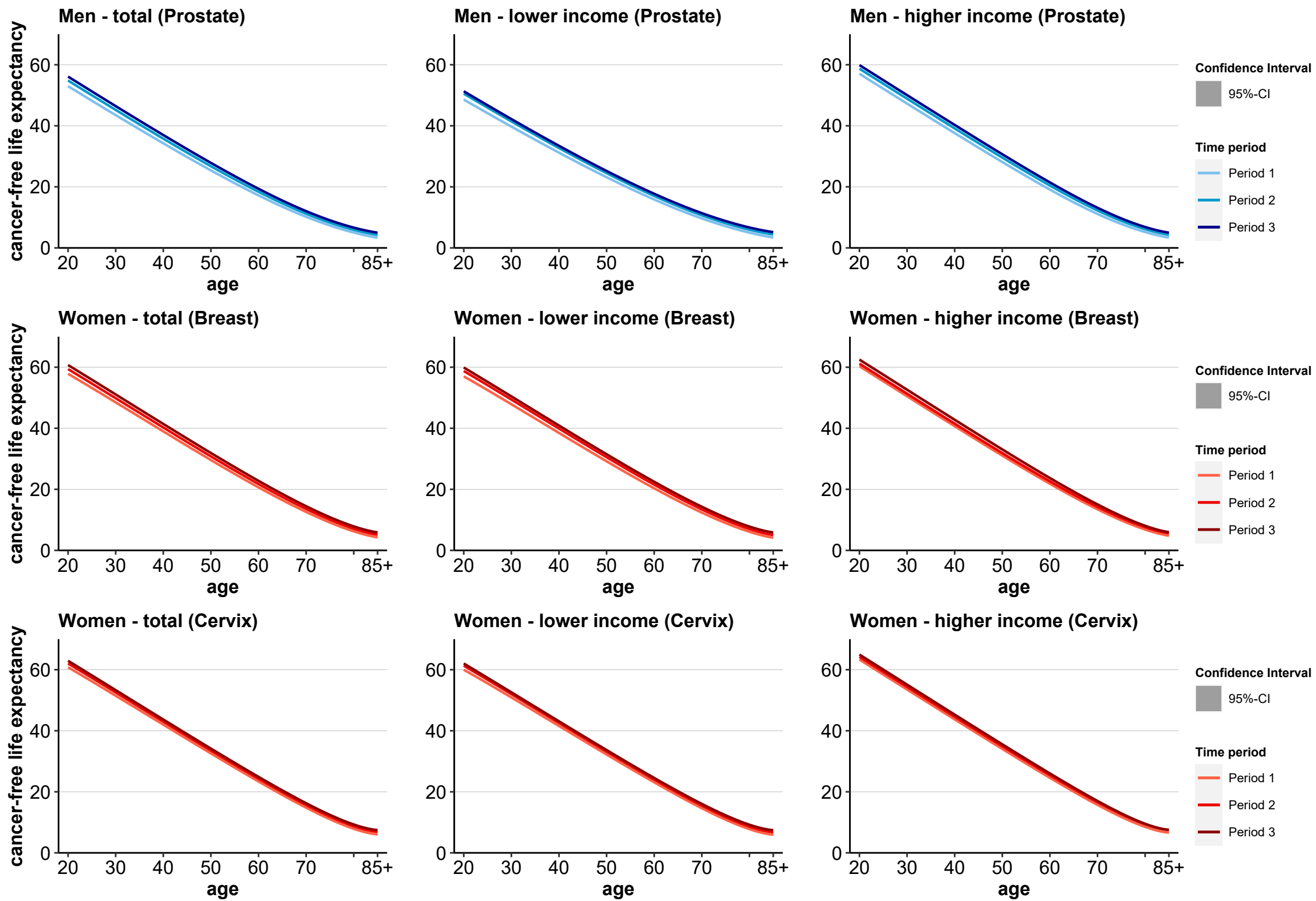


Fig. S15 Time trend in cancer-free life expectancy in other cancer by sex and income group

