

Web appendix to the article: "Trends in colorectal cancer mortality in Europe: an analysis of the WHO mortality database"

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Supplementary Table 1 – Years with missing colorectal cancer mortality data per country

Supplementary Table 2 – Model parameters used for the joinpoint regression analysis

Supplementary Figure 1 - Evolution of colorectal cancer mortality between 1970 and 2010 for men (blue dots) and women (red dots) aged less than 65 years.

Supplementary Figure 2 - Evolution of colorectal cancer mortality between 1970 and 2010 for men (blue dots) and women (red dots) aged 65-79 years.

Supplementary Figure 3 - Evolution of colorectal cancer mortality between 1970 and 2010 for men (blue dots) and women (red dots) aged 80 years and over.

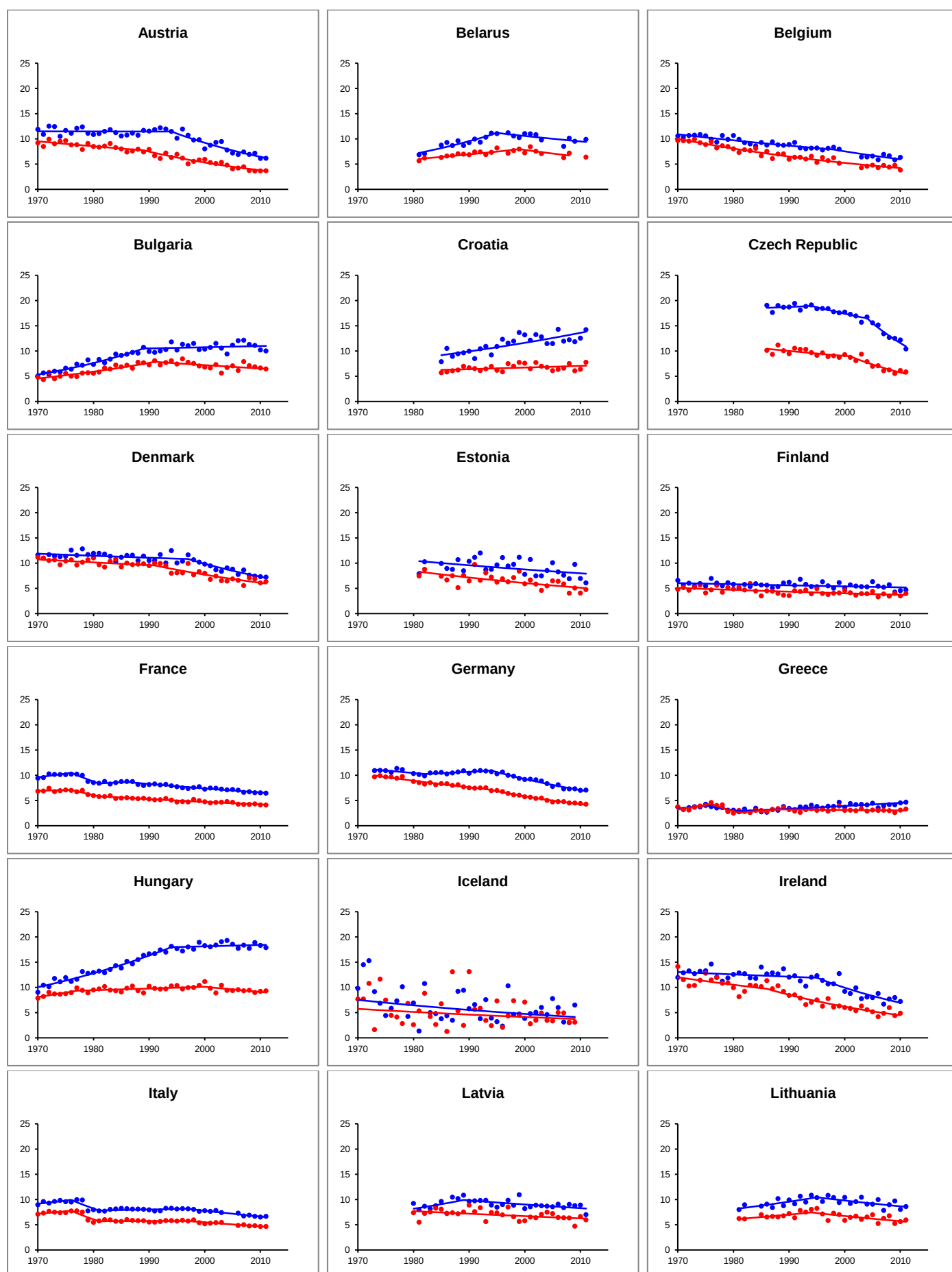
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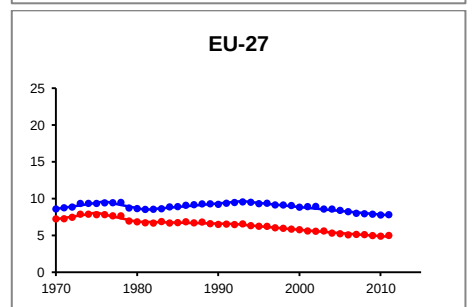
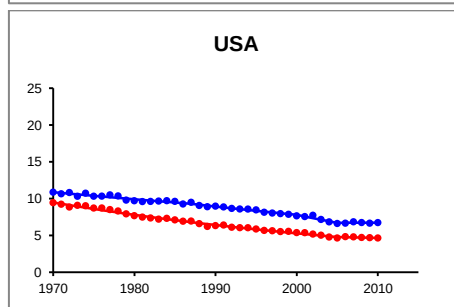
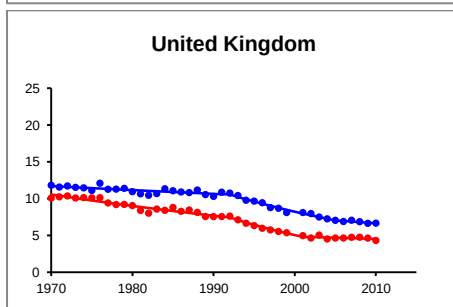
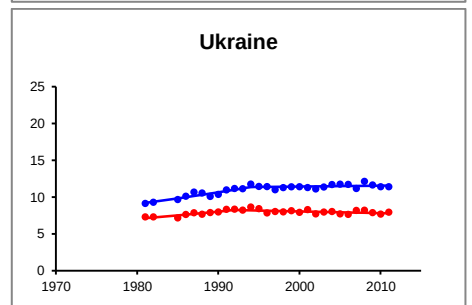
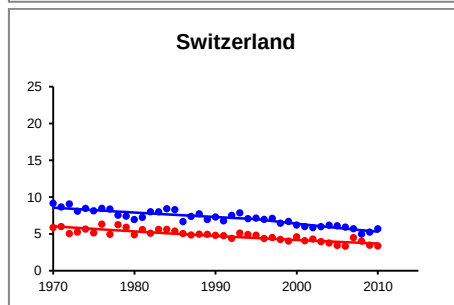
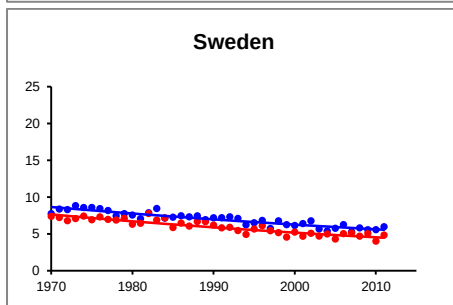
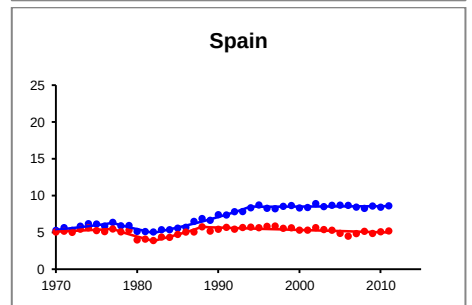
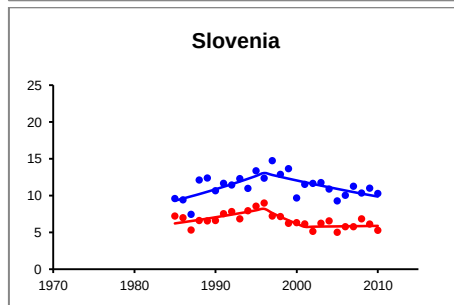
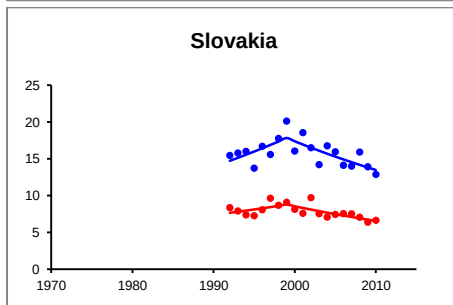
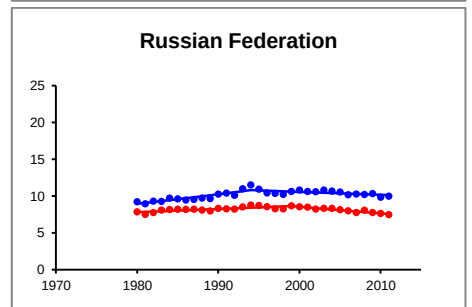
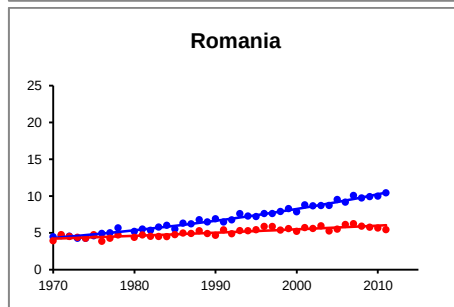
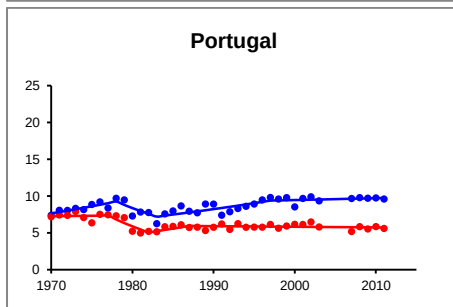
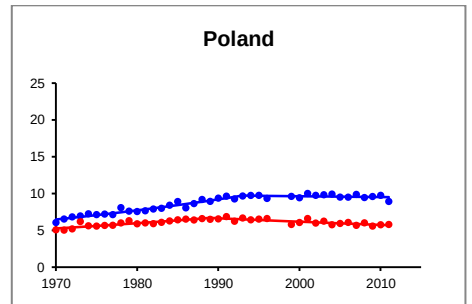
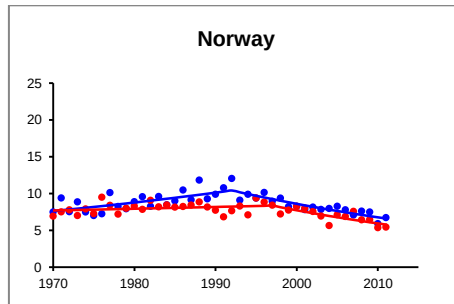
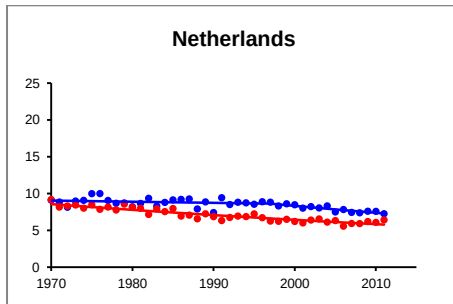
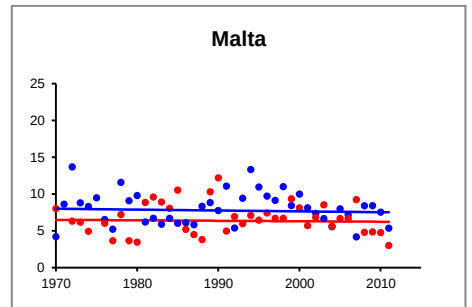
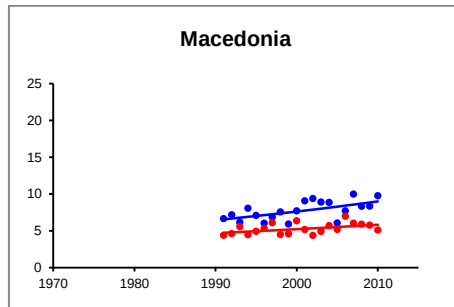
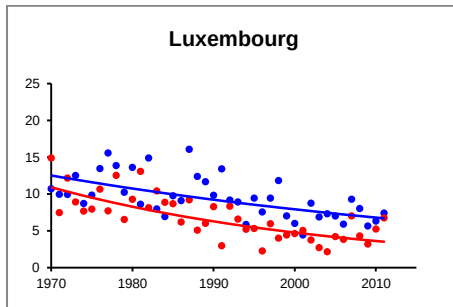
Country	Missing year(s)
Austria	None
Belarus	1970; 1971; 1972; 1973; 1974; 1975; 1976; 1977; 1978; 1979; 1980; 1983; 1984; 1996; 2004; 2005; 2006; 2010
Belgium	2000; 2001; 2002; 2011
Bulgaria	None
Croatia	1970; 1971; 1972; 1973; 1974; 1975; 1976; 1977; 1978; 1979; 1980; 1981; 1982; 1983; 1984
Czech Republic	1970; 1971; 1972; 1973; 1974; 1975; 1976; 1977; 1978; 1979; 1980; 1981; 1982; 1983; 1984; 1985
Denmark	None
Estonia	1970; 1971; 1972; 1973; 1974; 1975; 1976; 1977; 1978; 1979; 1980; 1983; 1984
Finland	None
France	None
Germany	1970; 1971; 1972; 1979
Greece	None
Hungary	None
Iceland	2010; 2011
Ireland	2011
Italy	2004; 2005
Latvia	1970; 1971; 1972; 1973; 1974; 1975; 1976; 1977; 1978; 1979
Lithuania	1970; 1971; 1972; 1973; 1974; 1975; 1976; 1977; 1978; 1979; 1980; 1983; 1984
Luxembourg	None
Malta	None
Netherlands	None
Norway	None
Poland	1997; 1998
Portugal	2004; 2005; 2006
Romania	1979
Russian Federation	1970; 1971; 1972; 1973; 1974; 1975; 1976; 1977; 1978; 1979
Slovakia	1970; 1971; 1972; 1973; 1974; 1975; 1976; 1977; 1978; 1979; 1980; 1981; 1982; 1983; 1984; 1985; 1986; 1987; 1988; 1989; 1990; 1991; 2011
Slovenia	1970; 1971; 1972; 1973; 1974; 1975; 1976; 1977; 1978; 1979; 1980; 1981; 1982; 1983; 1984; 2011
Spain	None
Sweden	None
Switzerland	2011
TFYR Macedonia	1970; 1971; 1972; 1973; 1974; 1975; 1976; 1977; 1978; 1979; 1980; 1981; 1982; 1983; 1984; 1985; 1986; 1987; 1988; 1989; 1990; 2011
Ukraine	1970; 1971; 1972; 1973; 1974; 1975; 1976; 1977; 1978; 1979; 1980; 1983; 1984
United Kingdom	2000; 2011
United States	2011

Supplementary Table 2 – Model parameters used for the joinpoint regression analysis

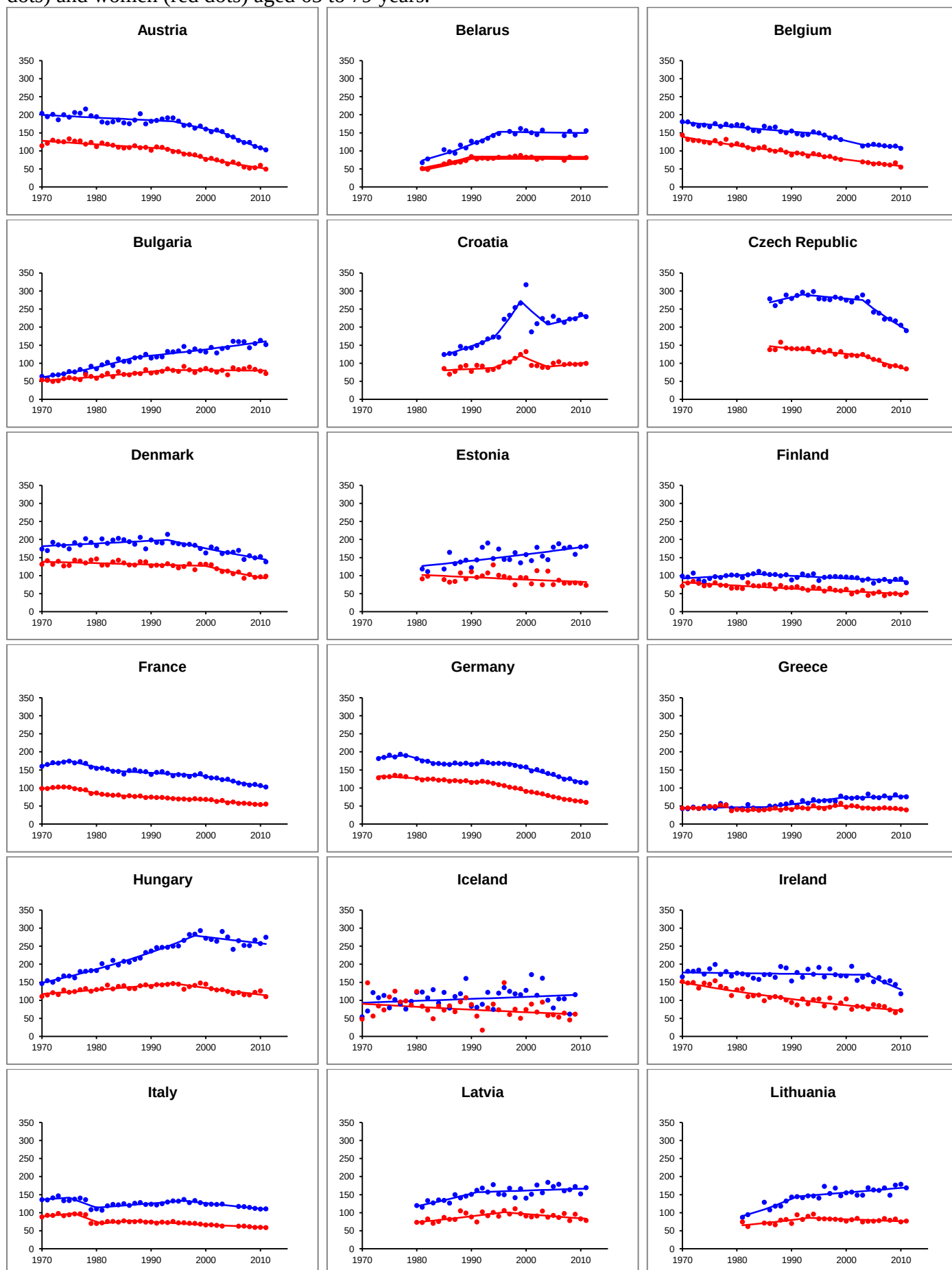
Parameter	Value
Model	$\ln(y) = bx$
Dependent variable	Age Standardised Rate
Independent variable	Year
By variable	Add Age and Country For EU27 data: add Age and Sex
Heteroscedastic errors option	Constant variance (homoscedasticity)
Number of joinpoint	Min=0 and Max=3
Method	Grid Search
Minimum number observations from a joinpoint to either end of the data	6
Minimum number of observations between two joinpoints	6
Model selection method	Permutation test
Significance level	0.05
Number of permutations	4499

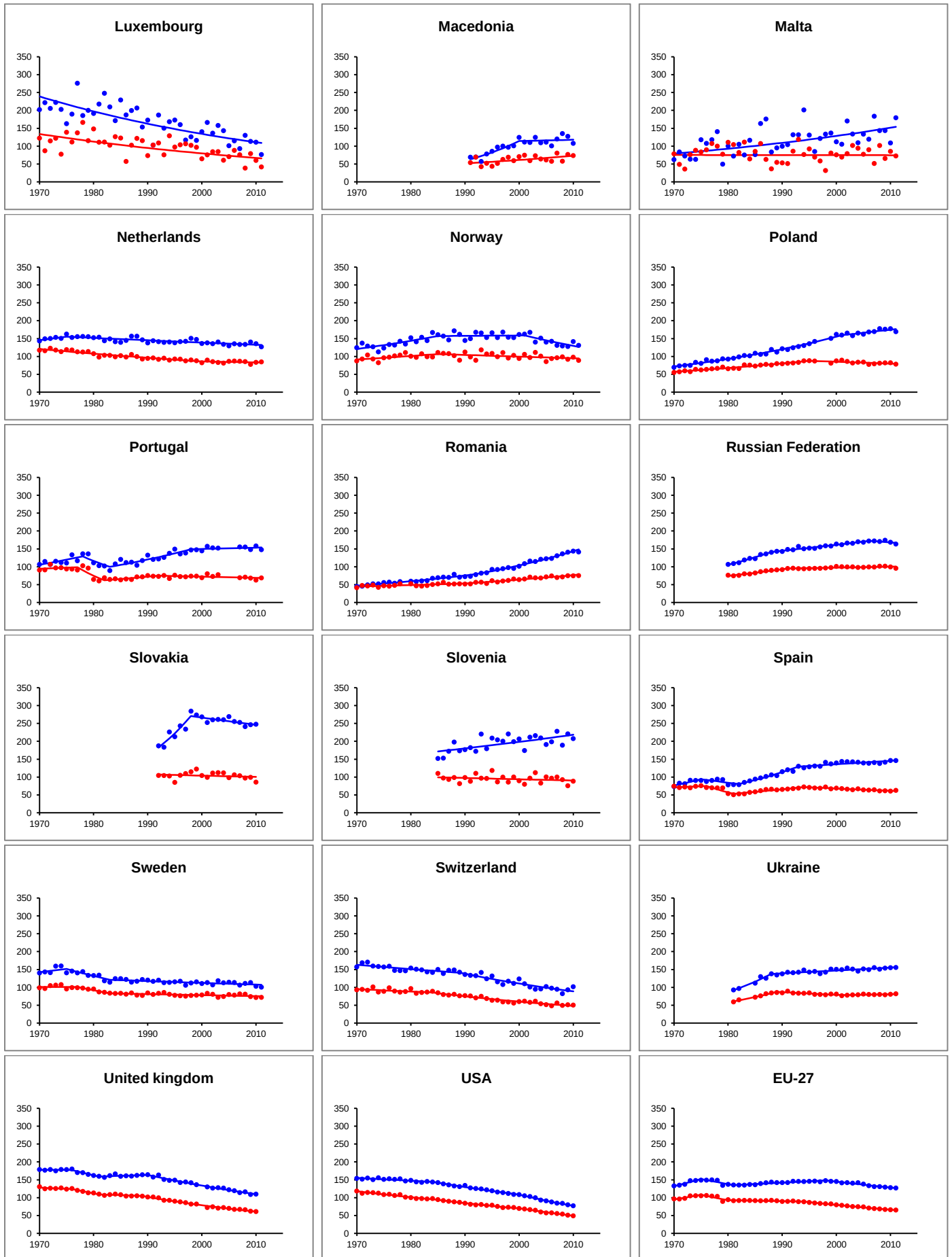
Supplementary Figure 1. Evolution of colorectal cancer mortality between 1970 and 2010 for men (blue dots) and women (red dots) aged less than 65 years.





Supplementary Figure 2. Evolution of colorectal cancer mortality between 1970 and 2010 for men (blue dots) and women (red dots) aged 65 to 79 years.





Supplementary Figure 3. Evolution of colorectal cancer mortality between 1970 and 2010 for men (blue dots) and women (red dots) aged 80 years and above.

