

Supplementary Legends

Supplementary Figure S1: The plots of incidence and mortality trends for each country

Supplementary Figure S2: The graphs of the joinpoint regression output

Supplementary Figure S3. AAPC of incidence of ovarian cancer aged 50 years and older

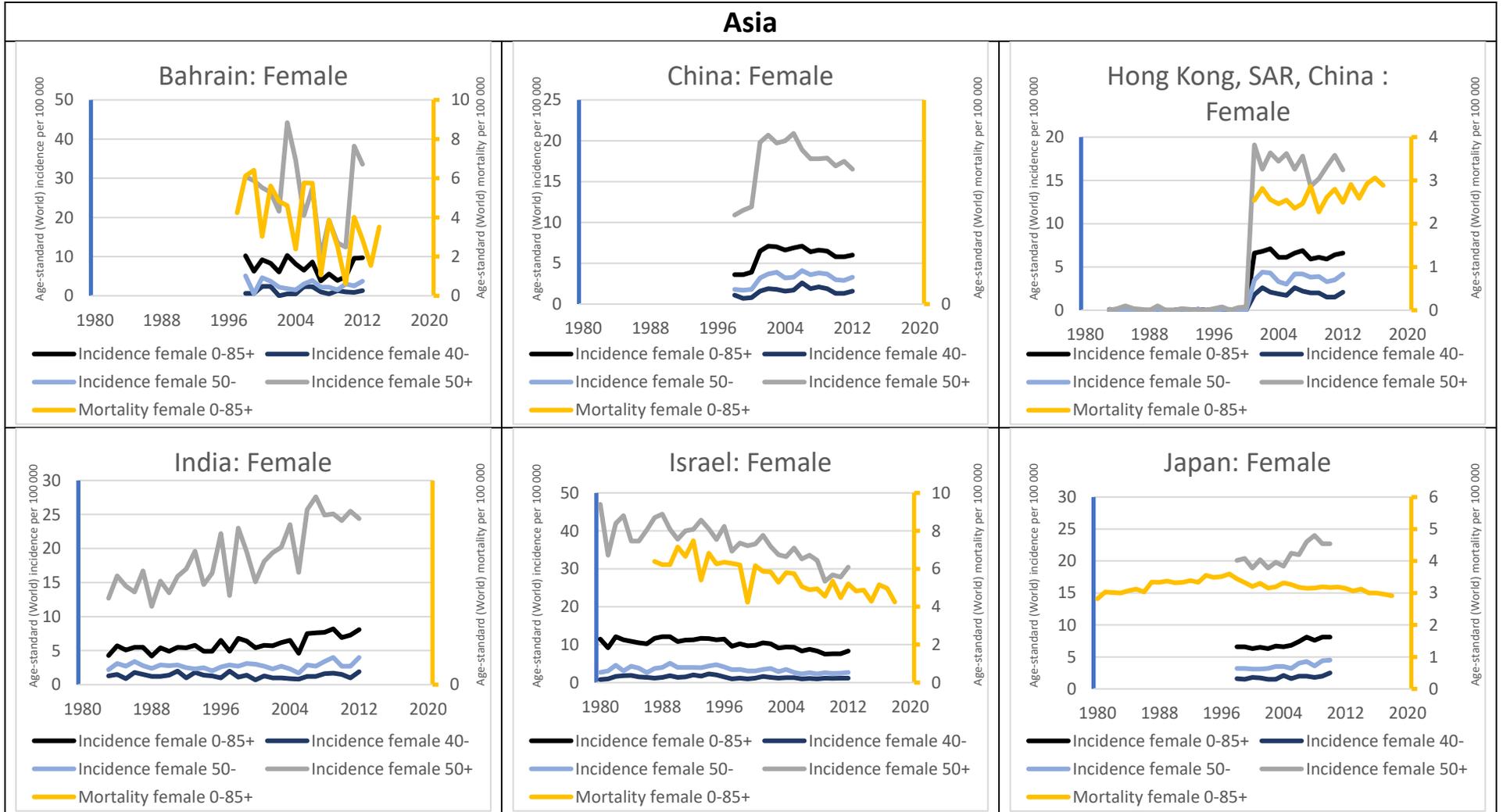
Supplementary Figure S4. AAPC of incidence of ovarian cancer aged < 50 years old

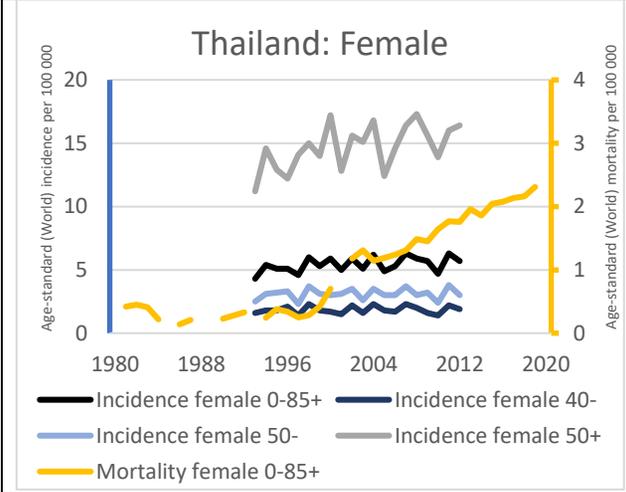
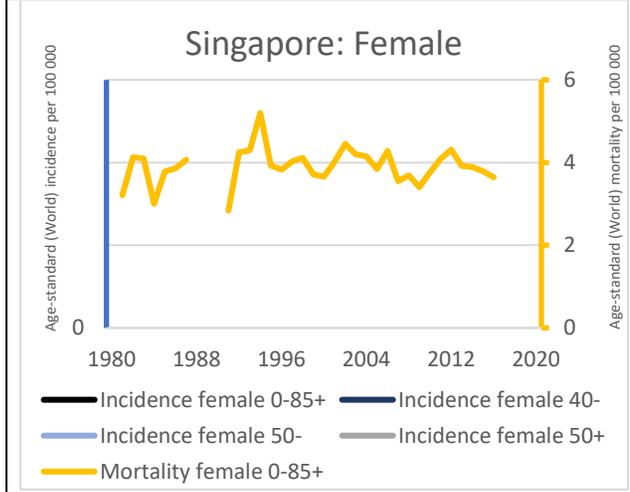
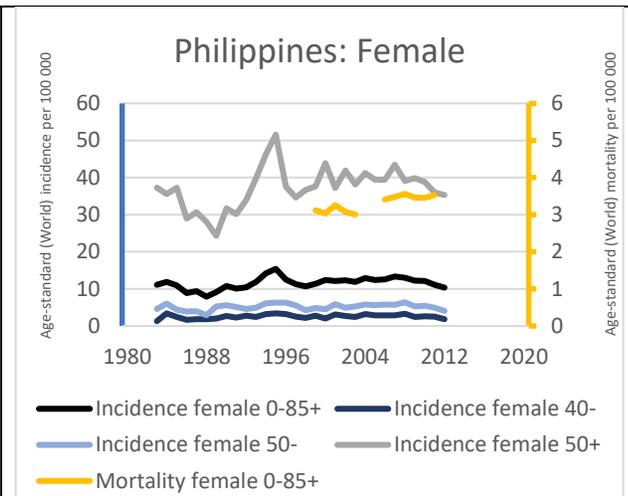
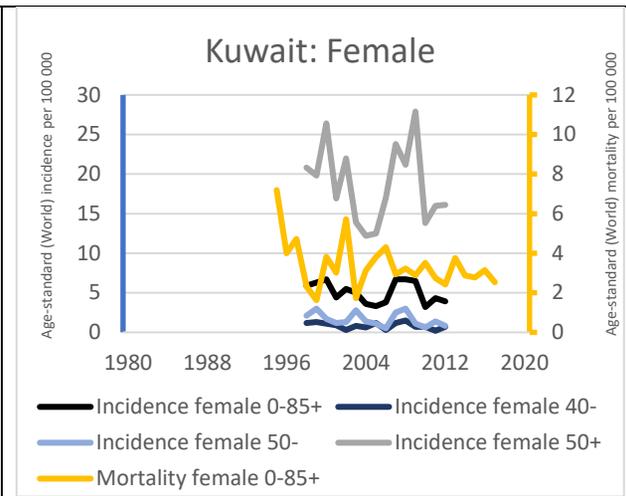
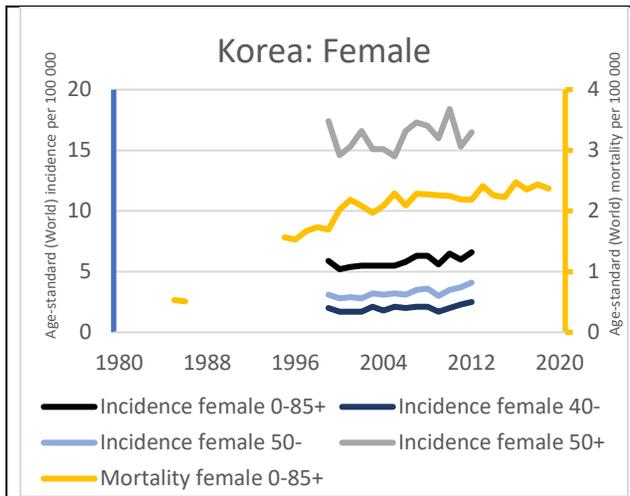
Supplementary Figure S5. AAPC of incidence of ovarian cancer aged < 40 years old

Supplementary Figure S1: The plots of incidence and mortality trends for each country

Female

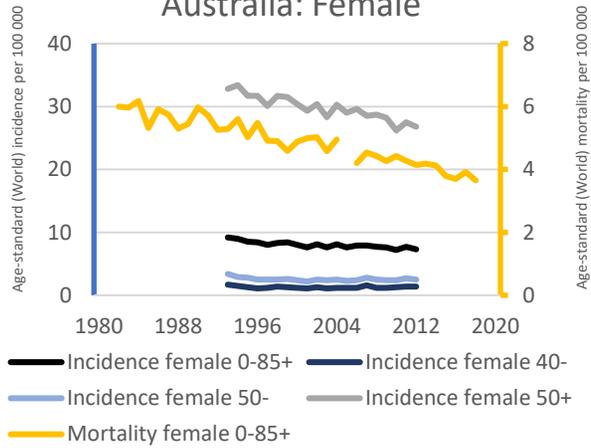
Asia



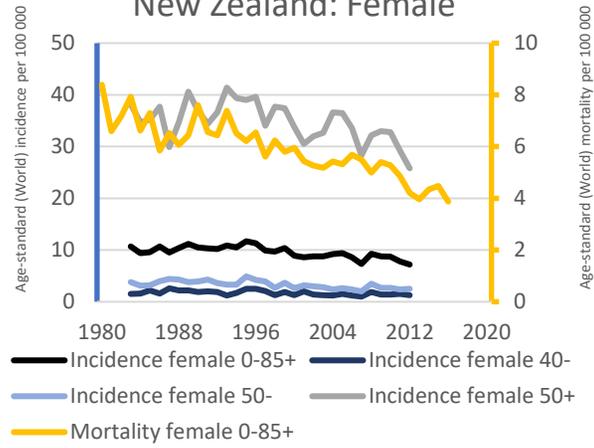


Oceania

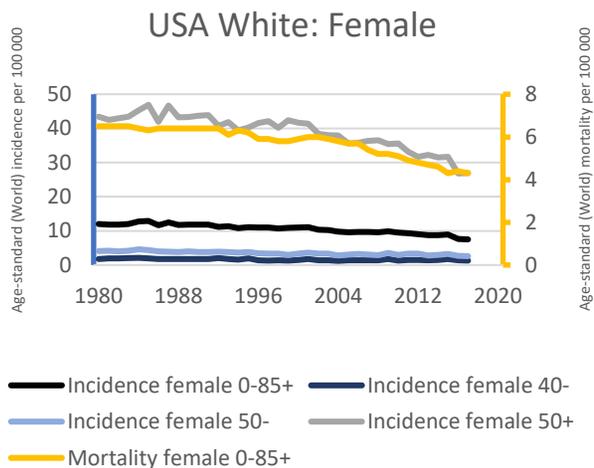
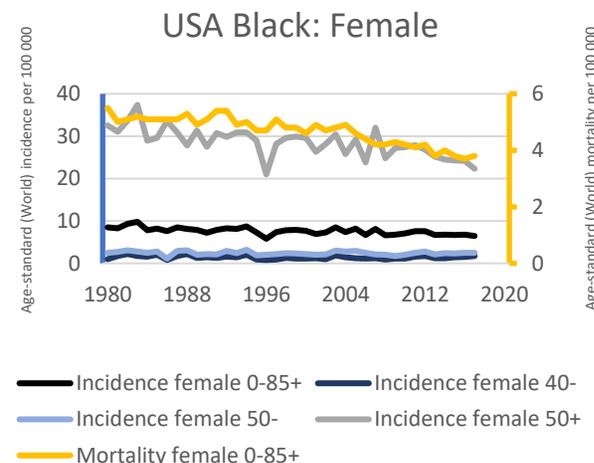
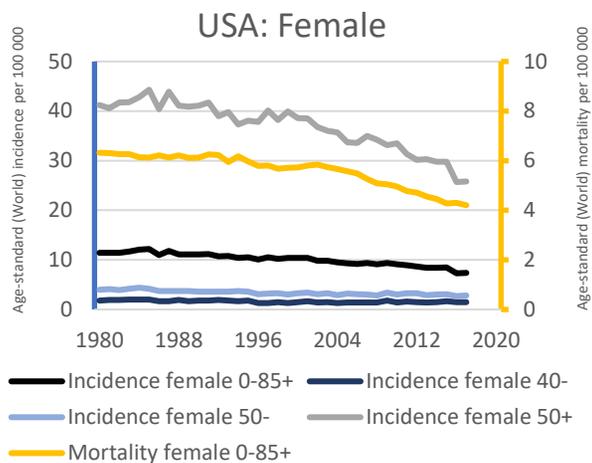
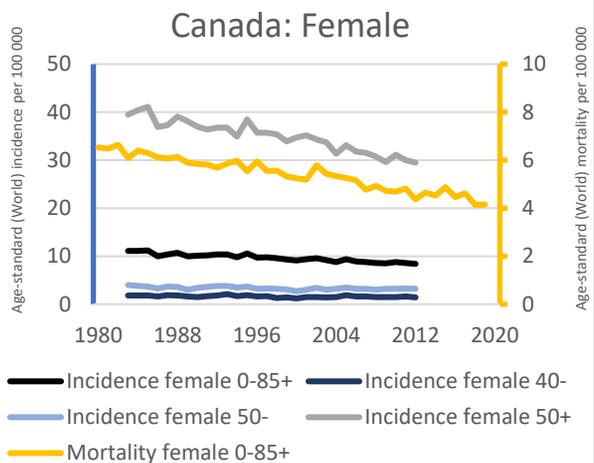
Australia: Female



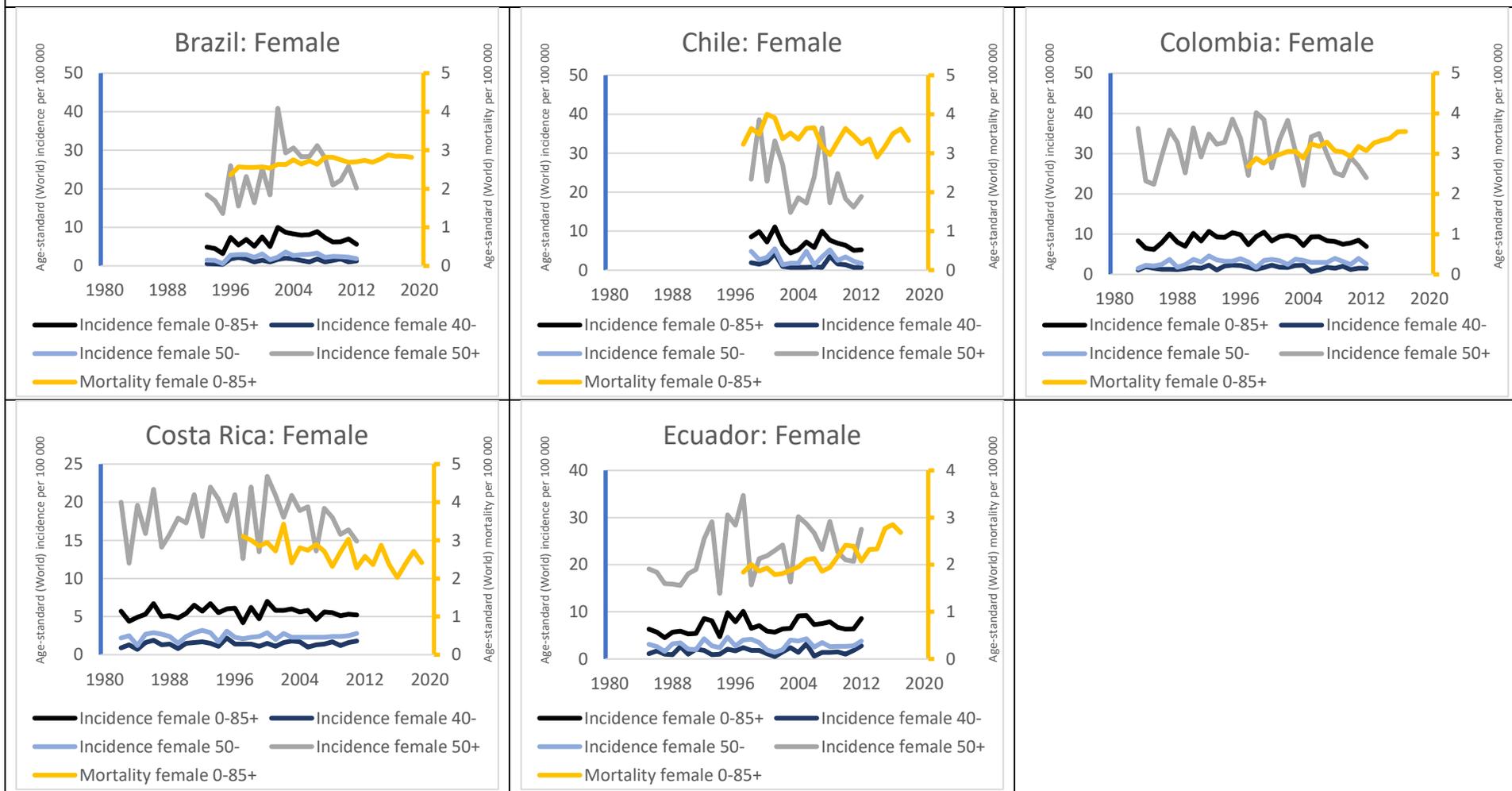
New Zealand: Female



Northern America

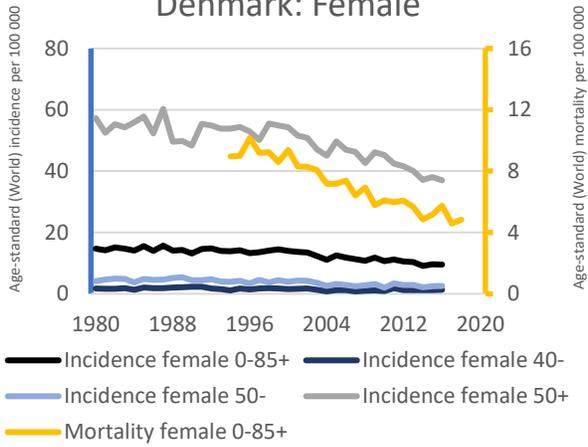


Southern America

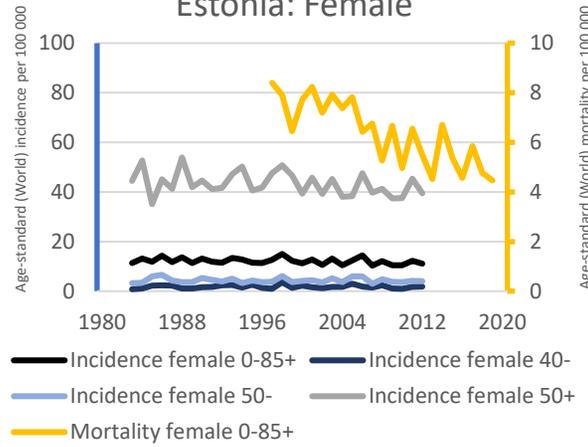


Northern Europe

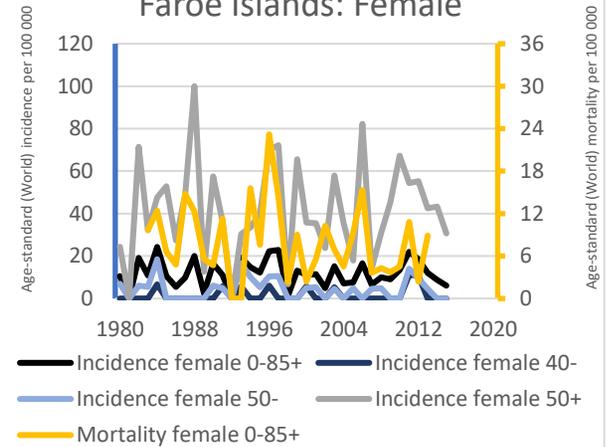
Denmark: Female



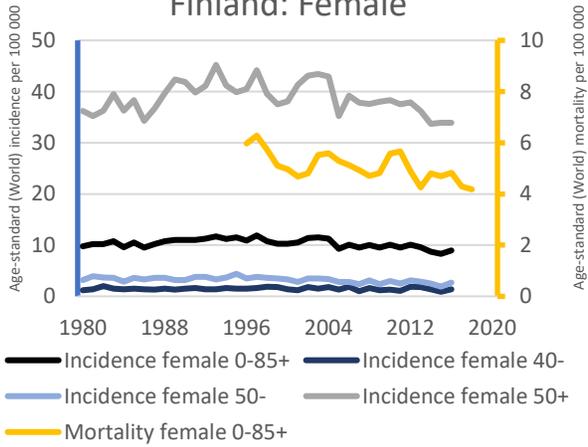
Estonia: Female



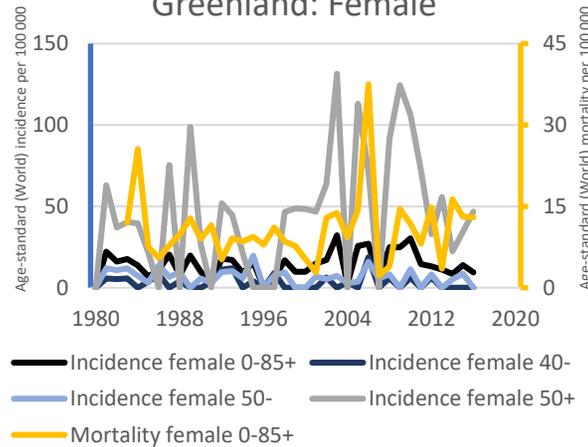
Faroe Islands: Female



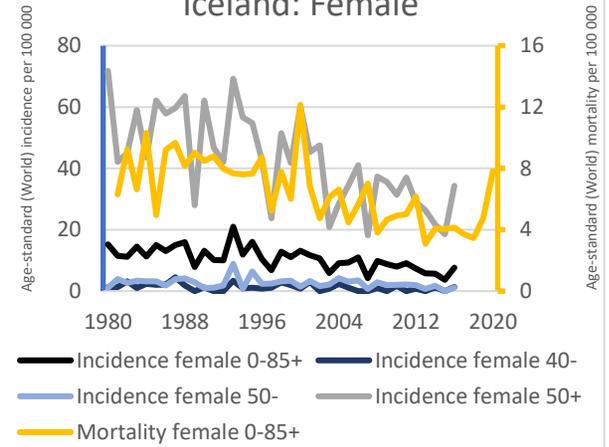
Finland: Female

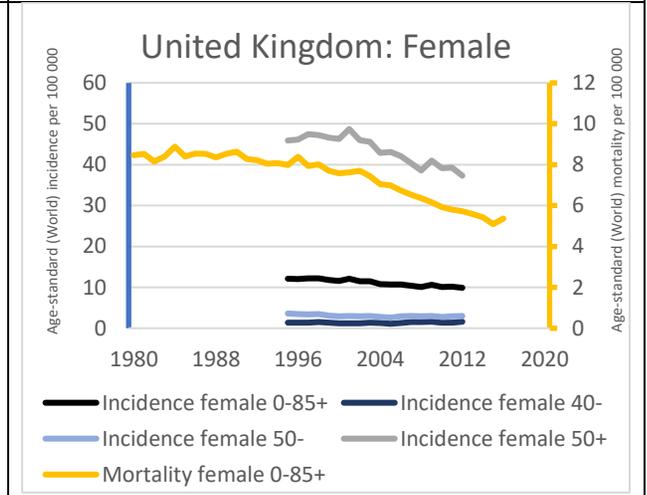
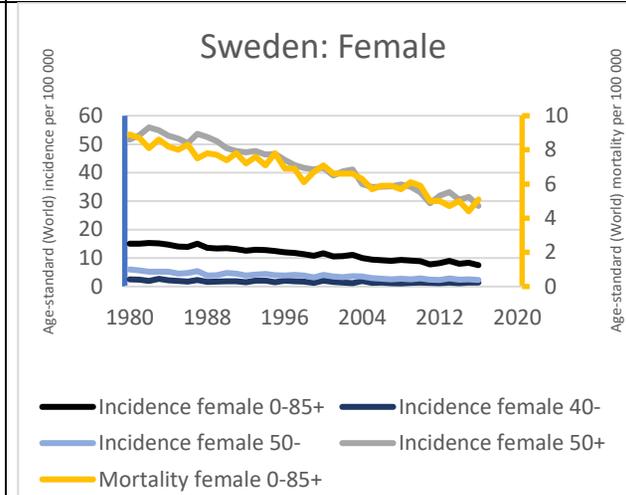
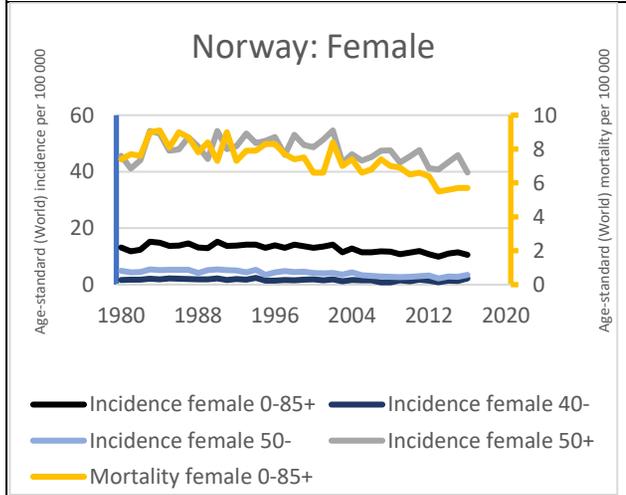
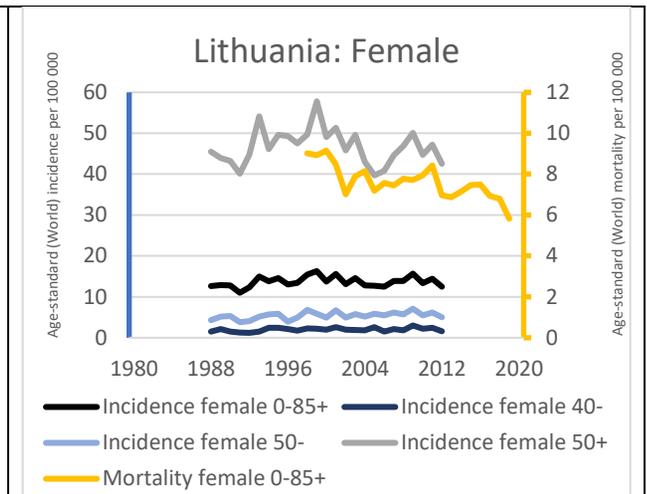
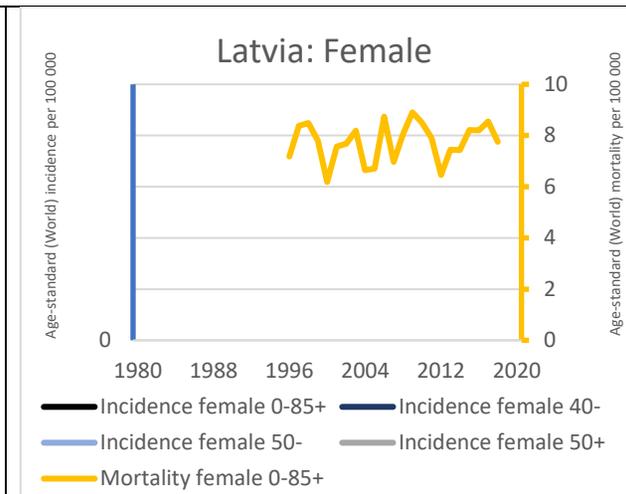
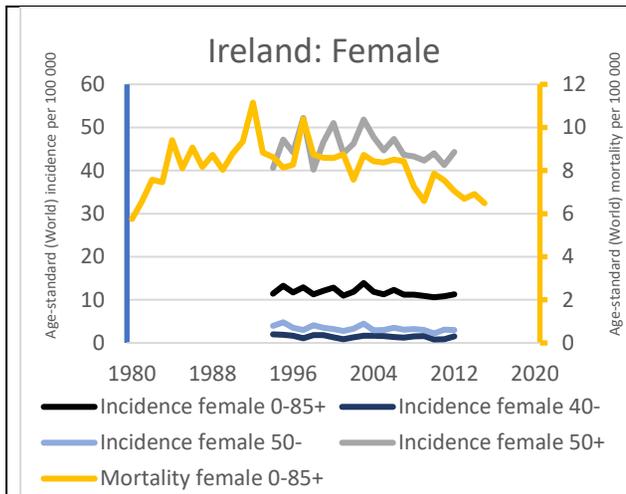


Greenland: Female



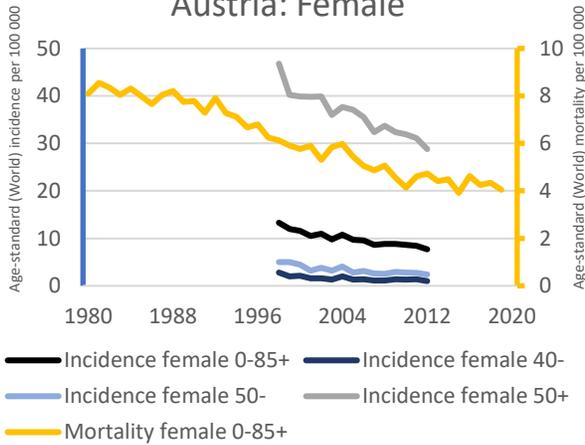
Iceland: Female



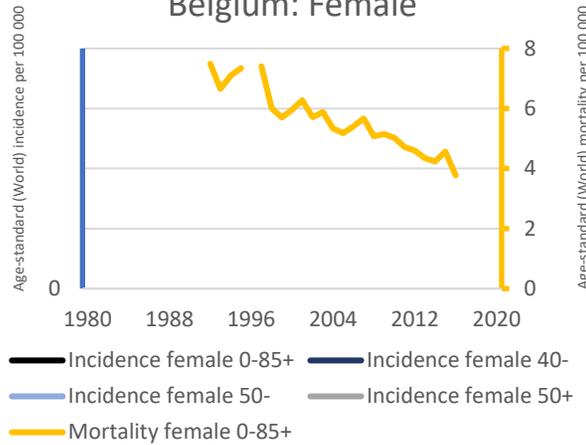


Western Europe

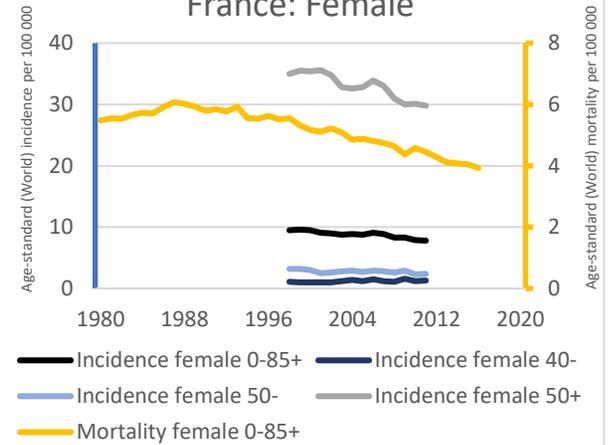
Austria: Female



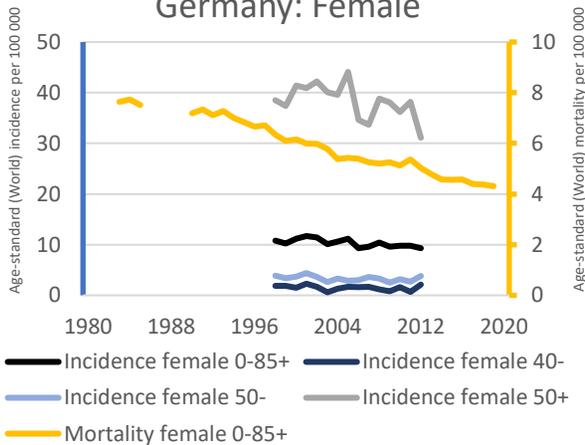
Belgium: Female



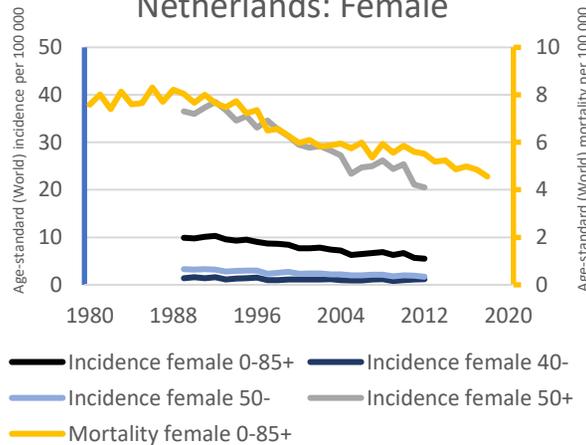
France: Female



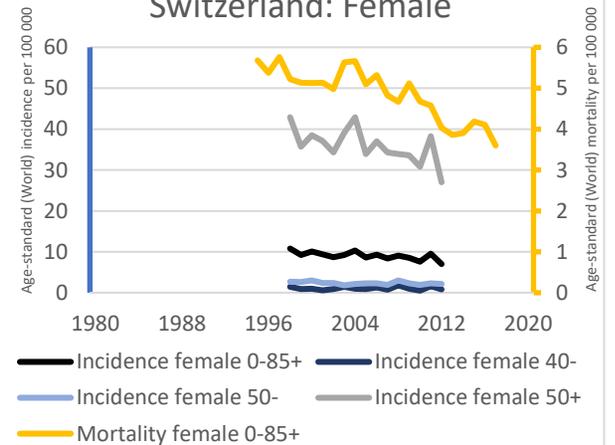
Germany: Female



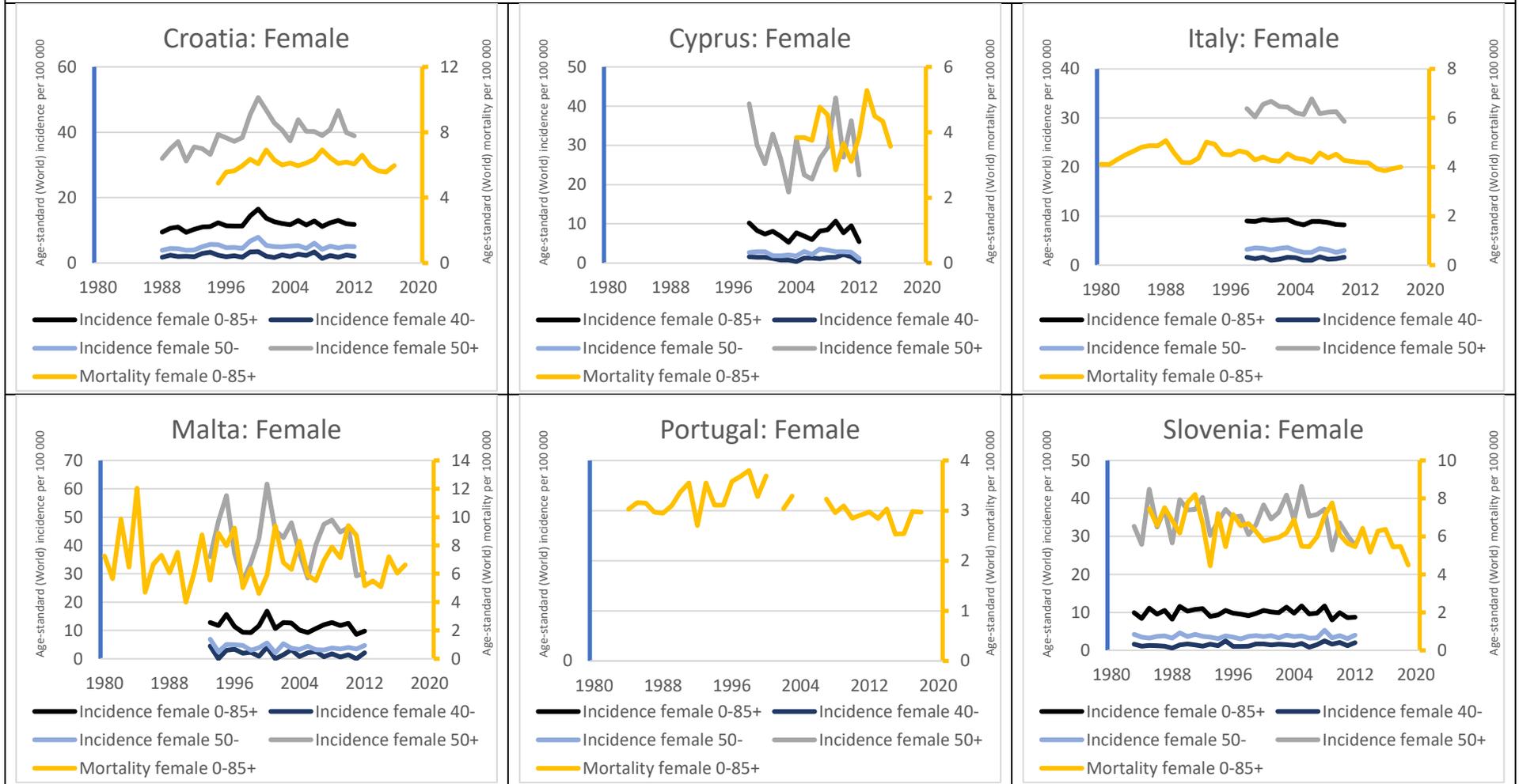
Netherlands: Female



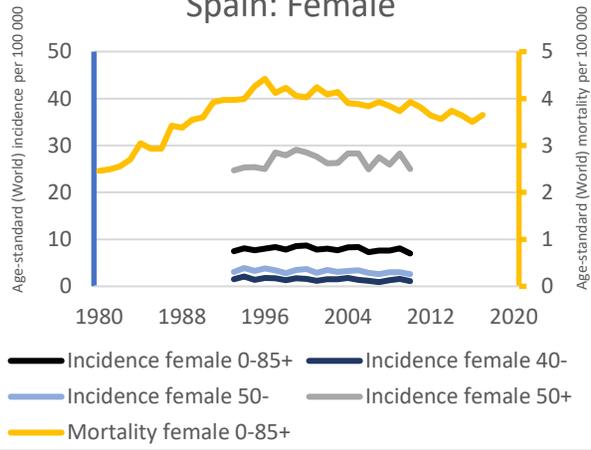
Switzerland: Female



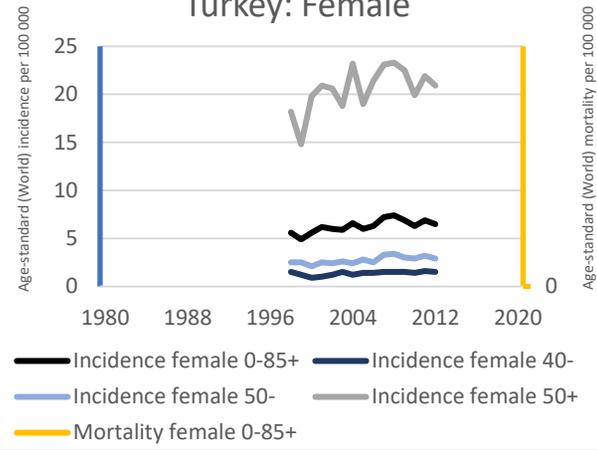
Southern Europe



Spain: Female

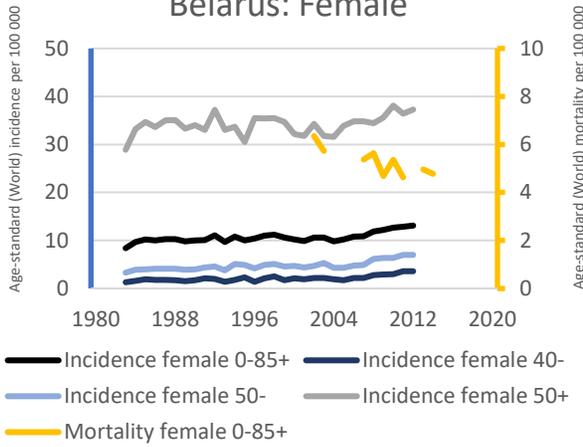


Turkey: Female

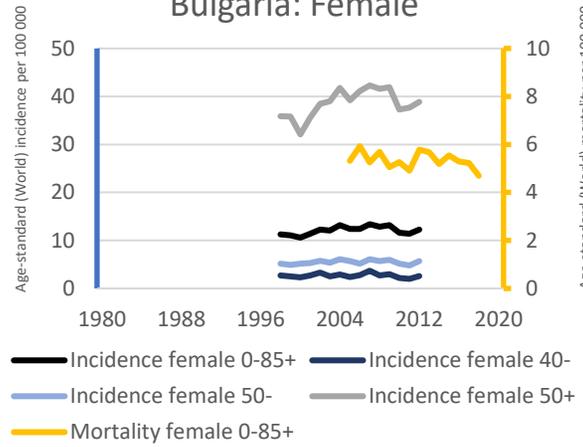


Eastern Europe

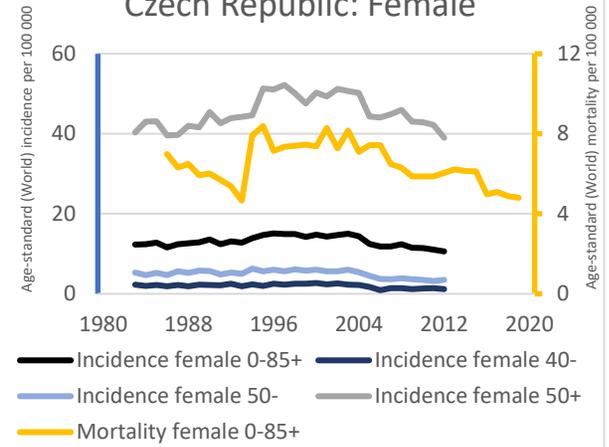
Belarus: Female



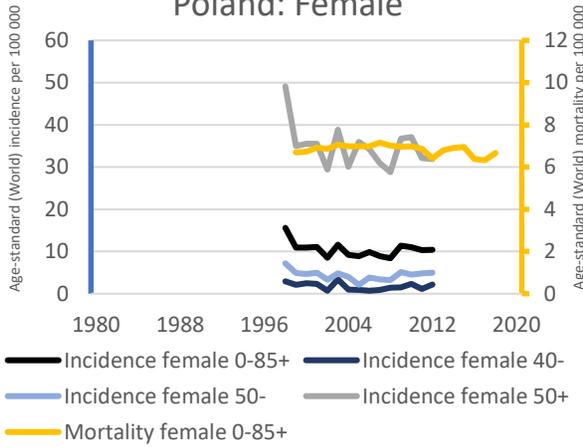
Bulgaria: Female



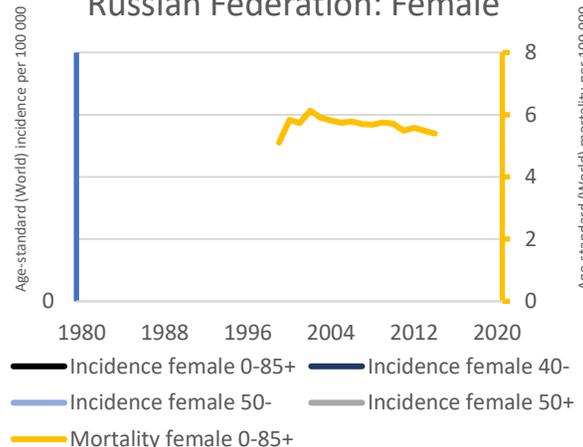
Czech Republic: Female



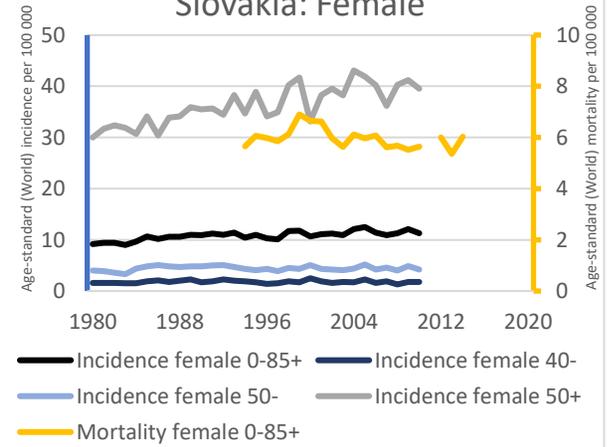
Poland: Female



Russian Federation: Female

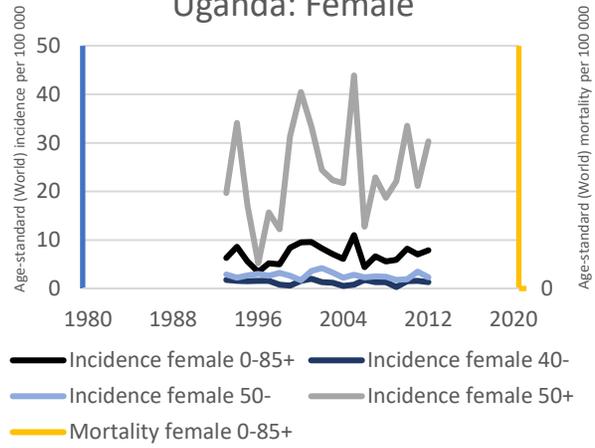


Slovakia: Female



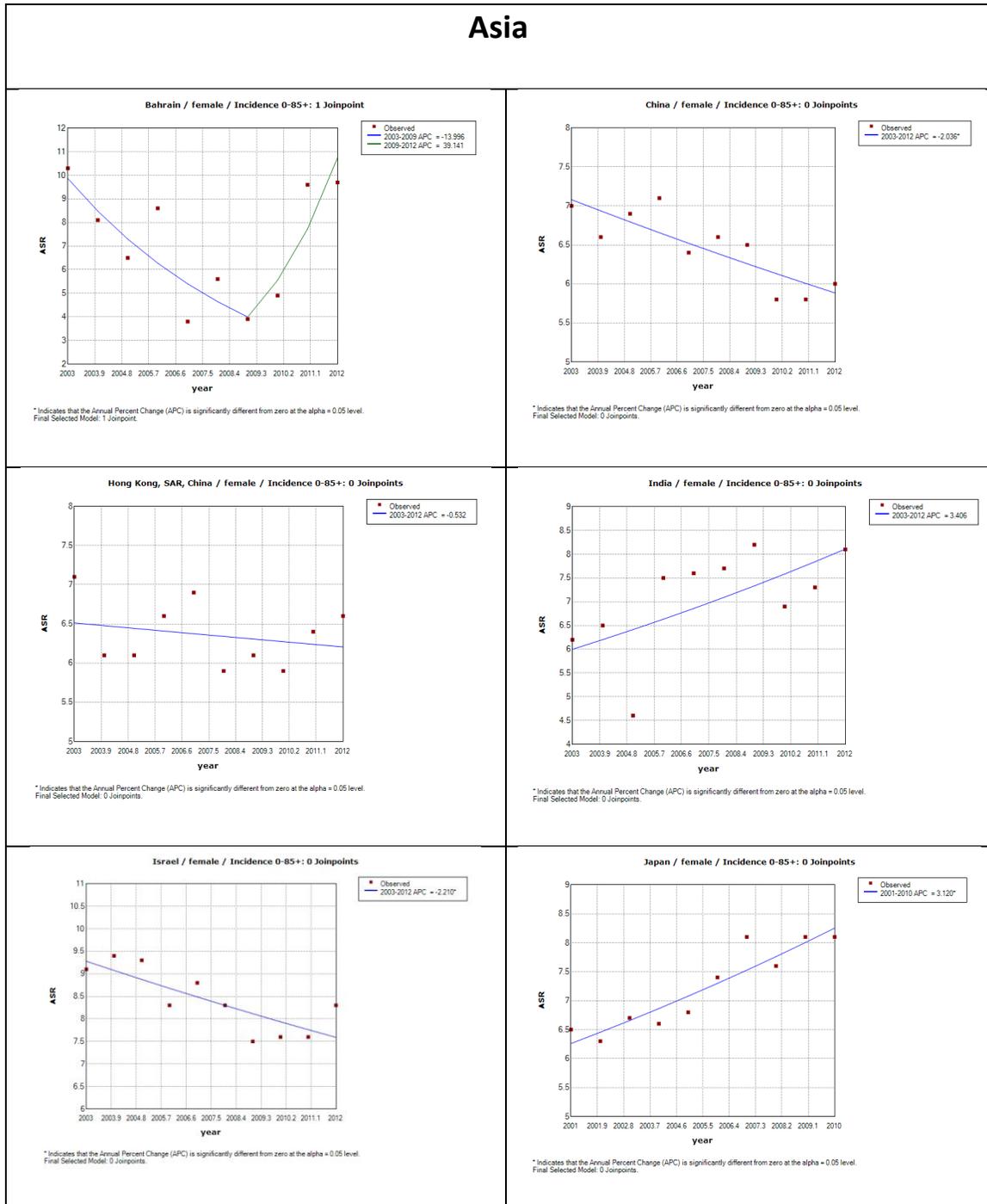
Africa

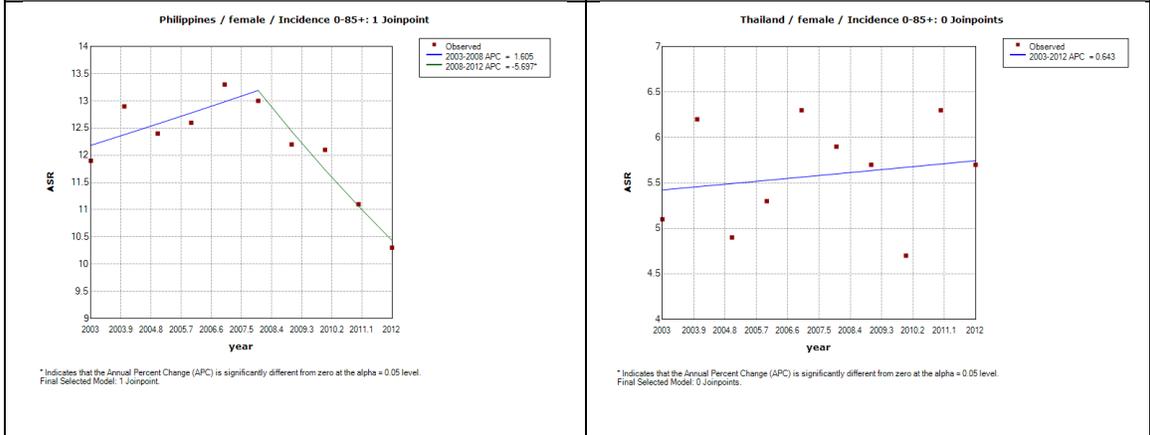
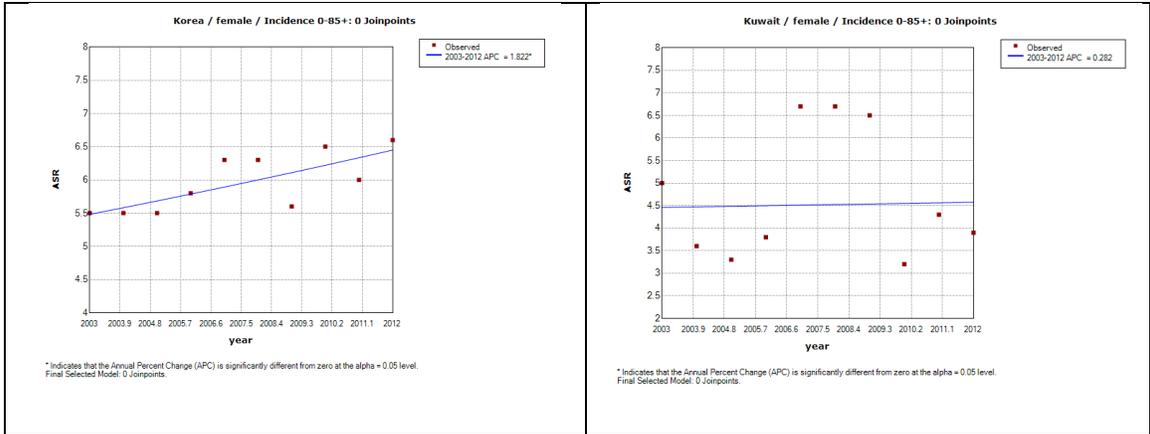
Uganda: Female



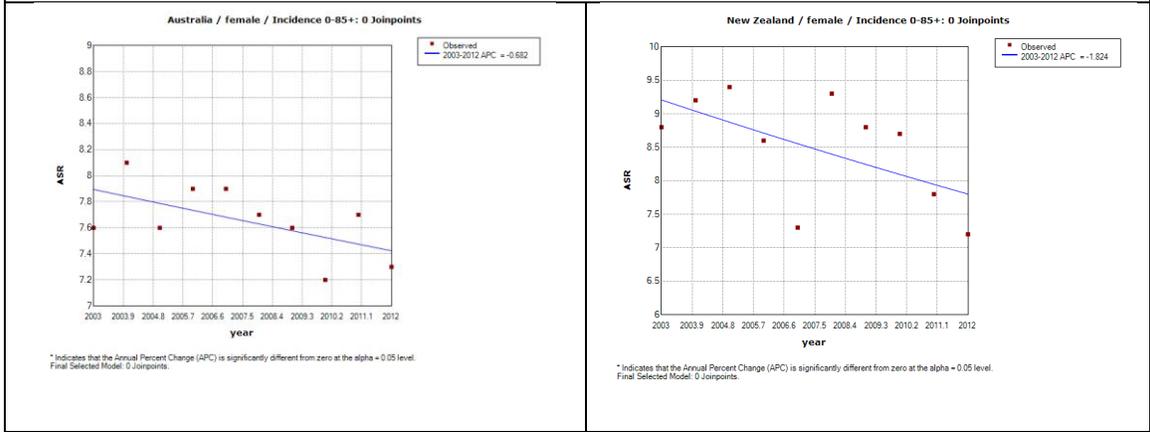
Supplementary Figure S2: The graphs of the joinpoint regression

output a.) Incidence female all ages

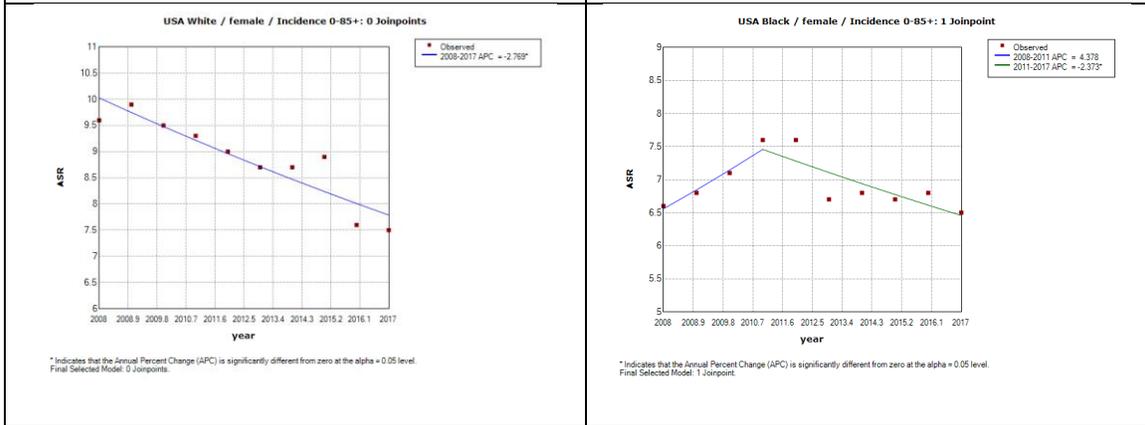
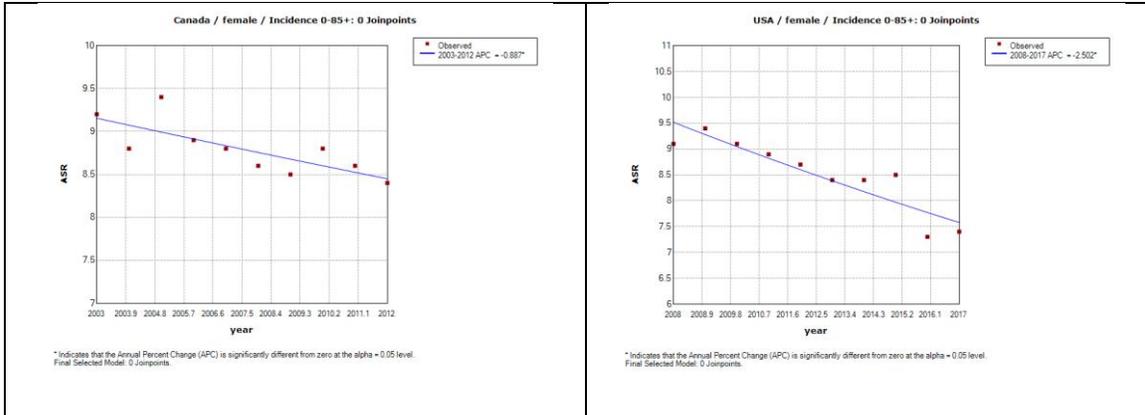




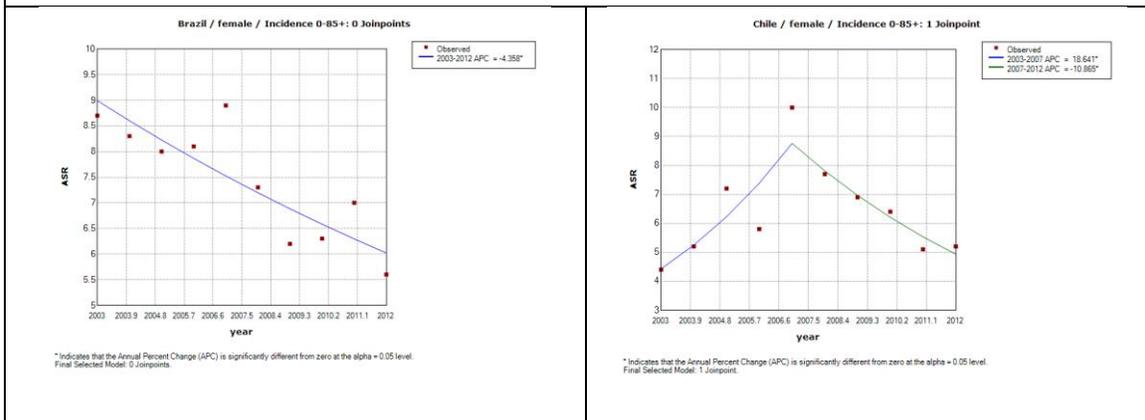
Oceania

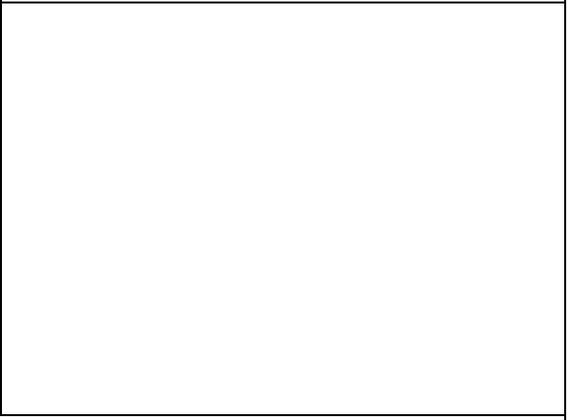
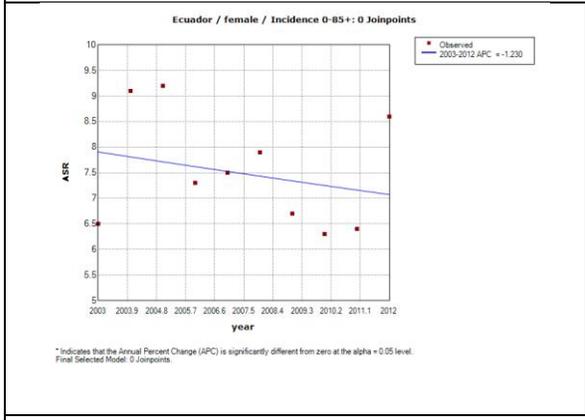
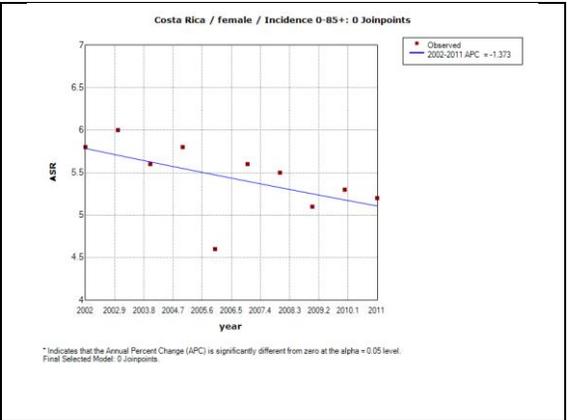
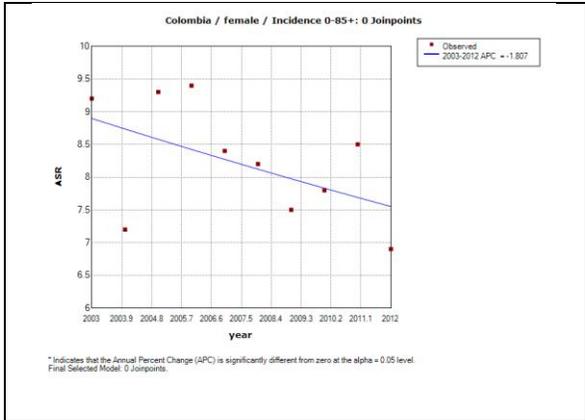


Northern America

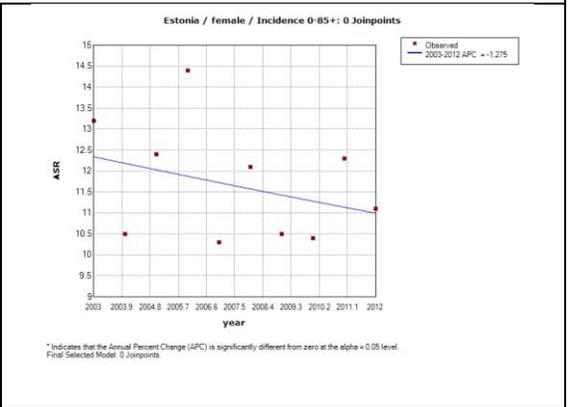
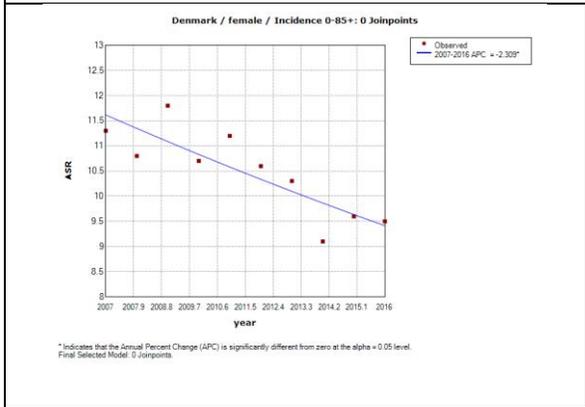


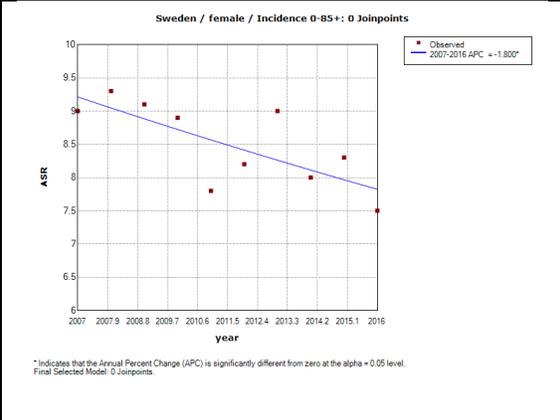
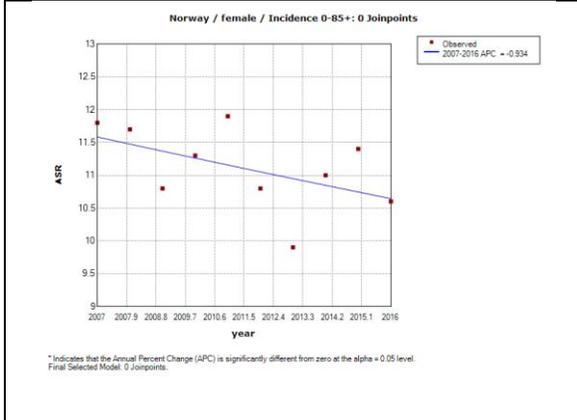
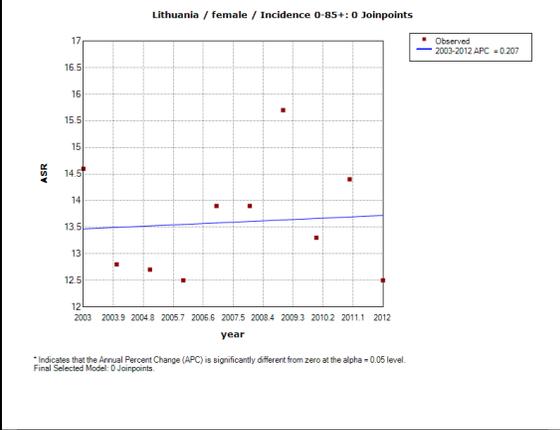
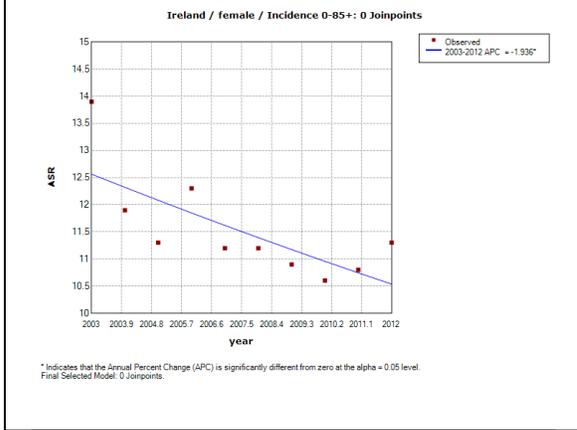
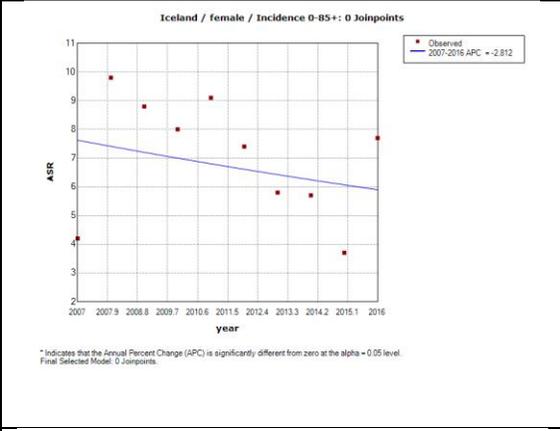
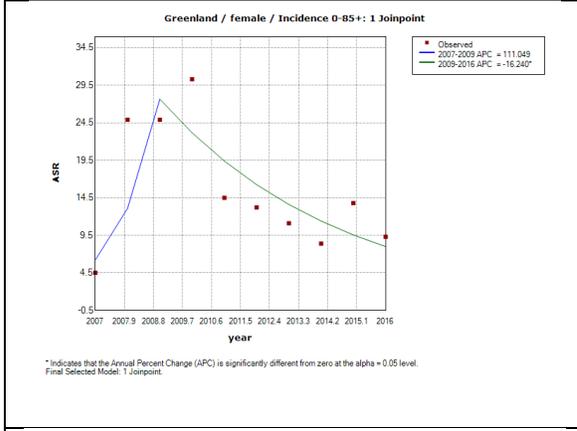
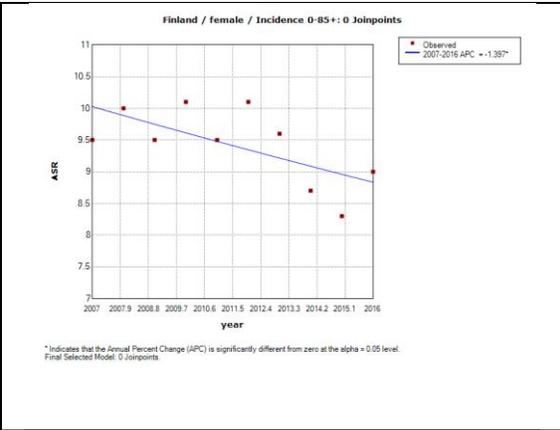
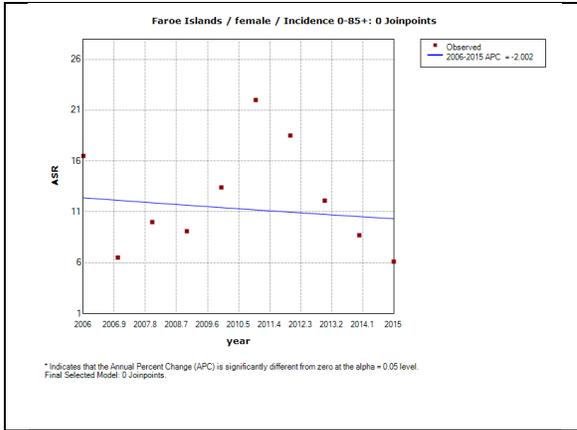
Southern America

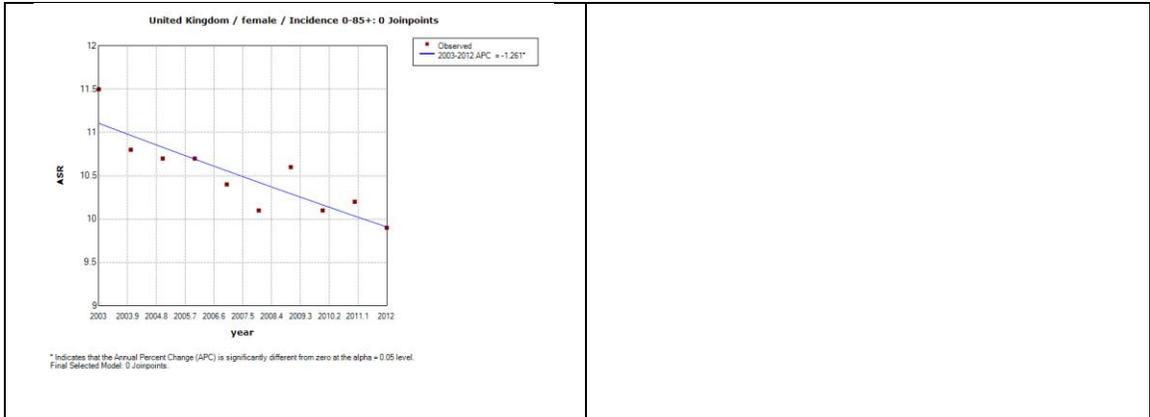




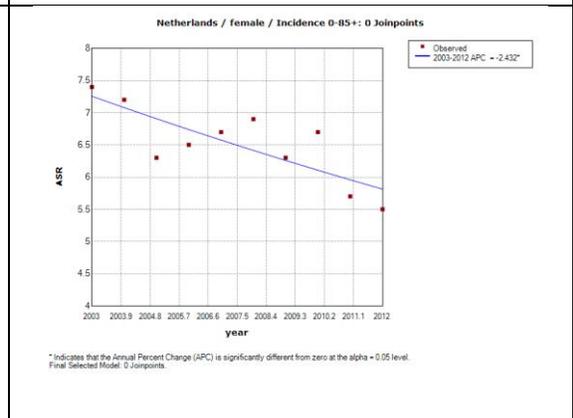
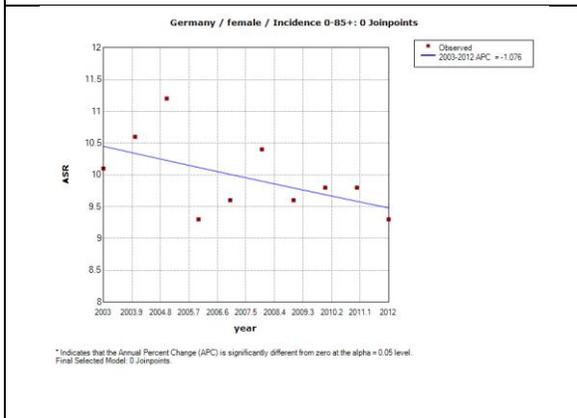
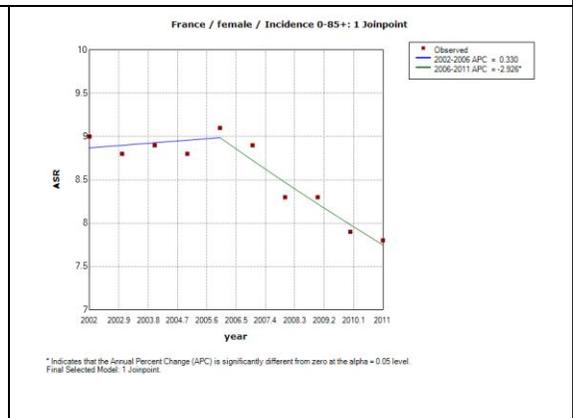
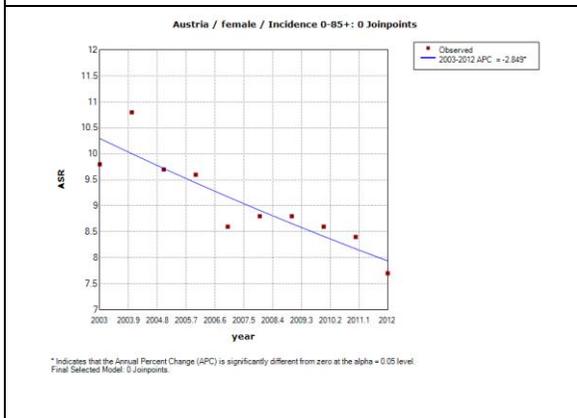
Northern Europe

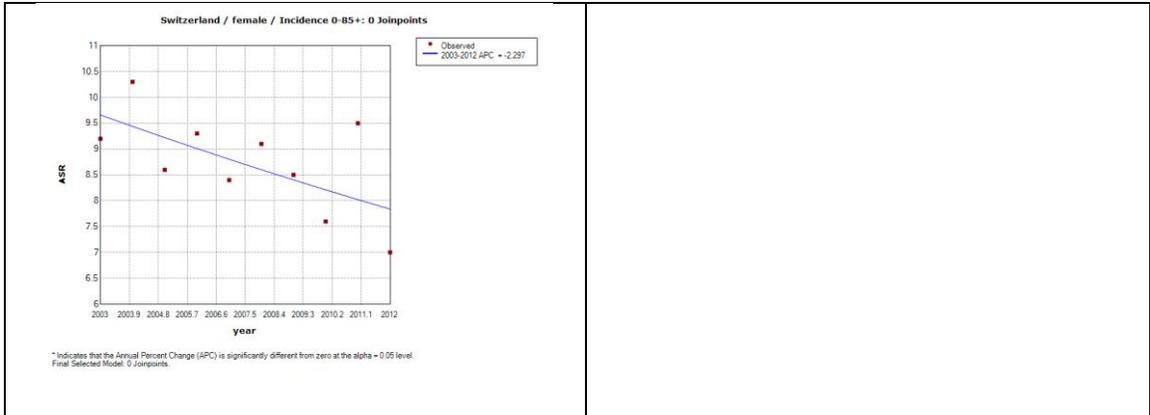




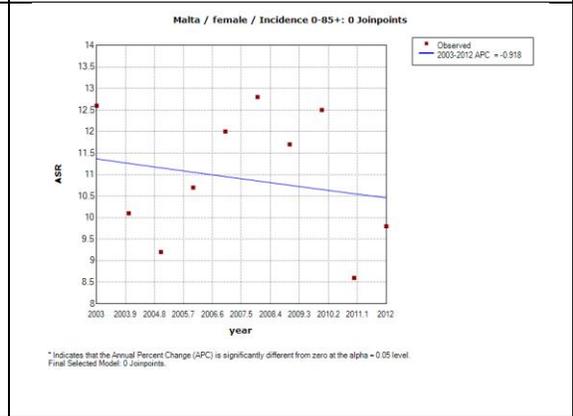
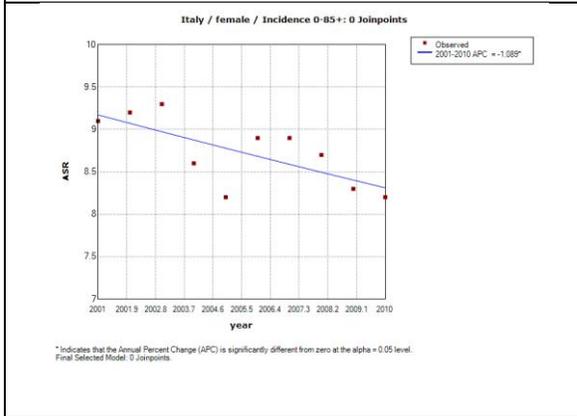
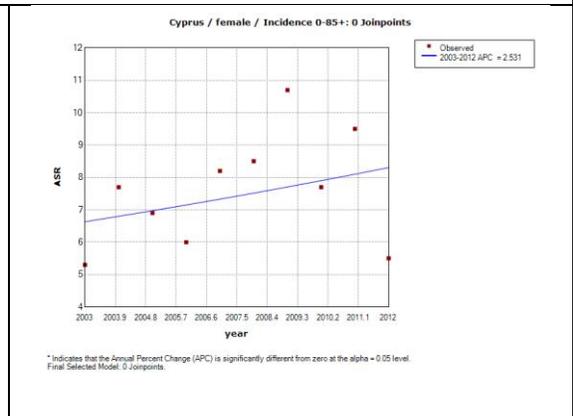
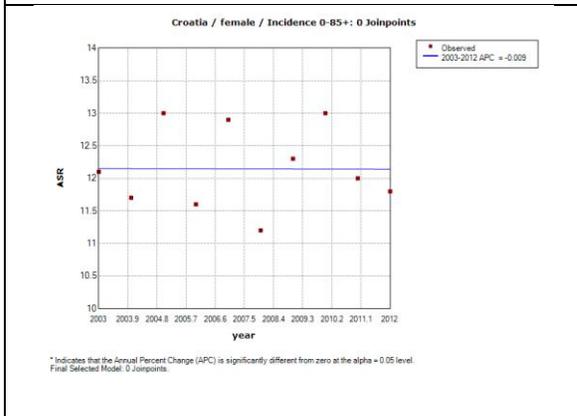


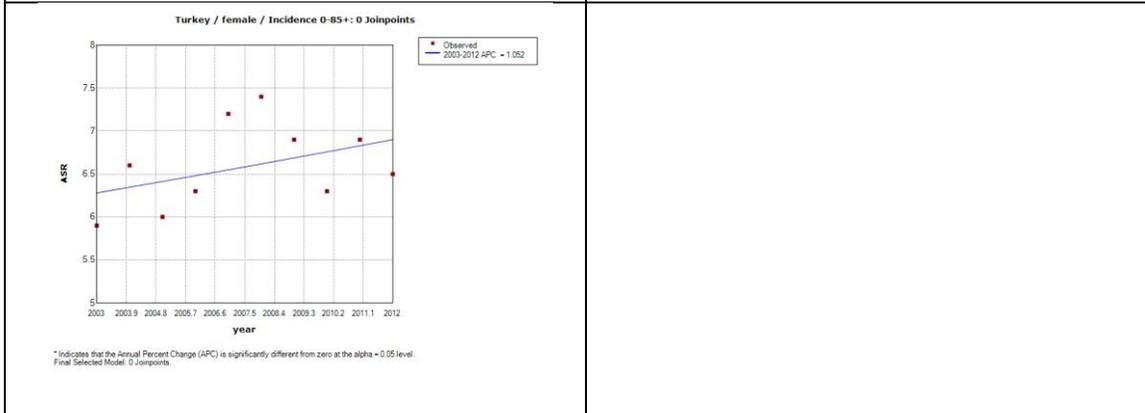
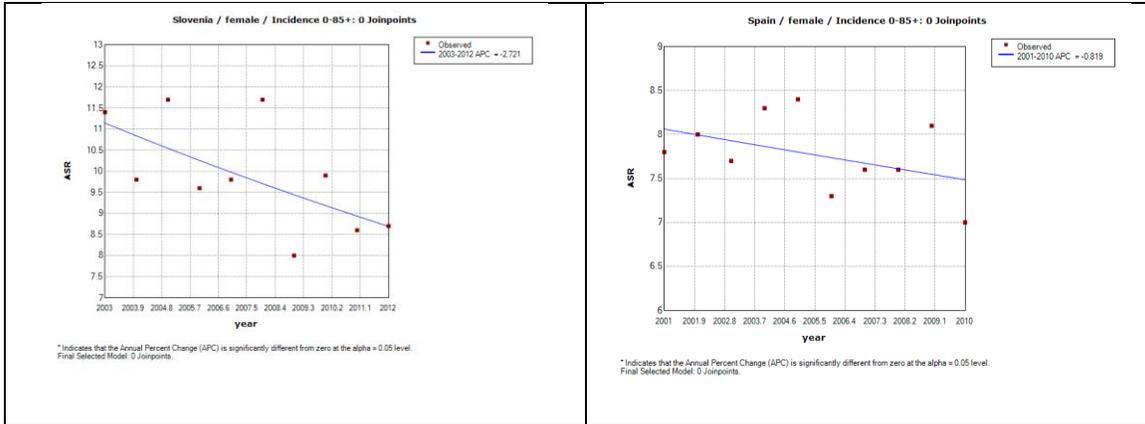
Western Europe



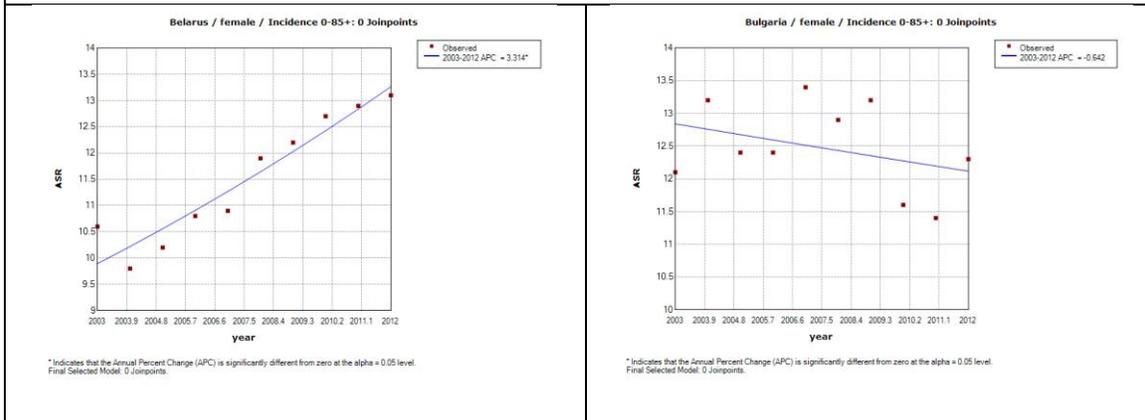


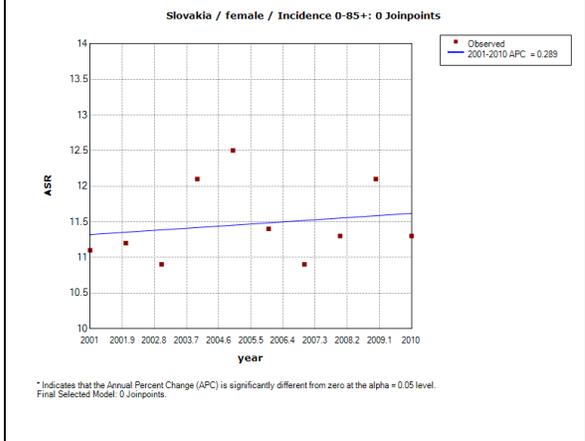
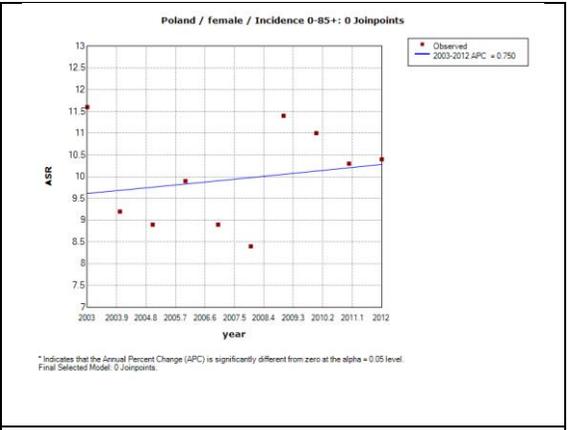
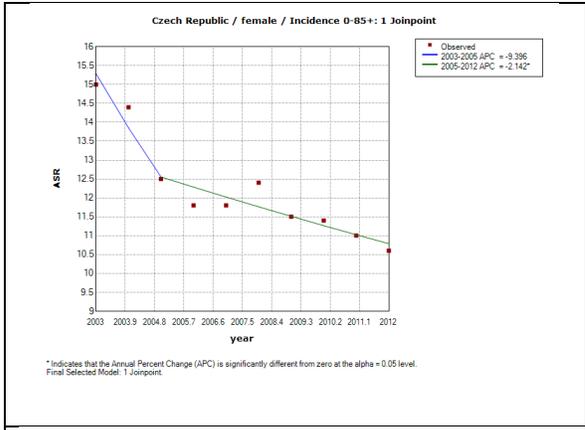
Southern Europe



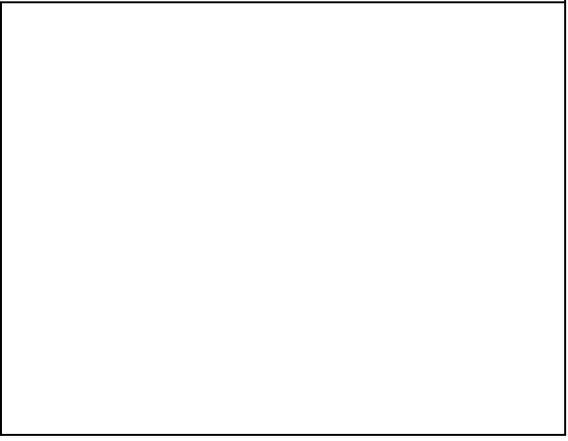
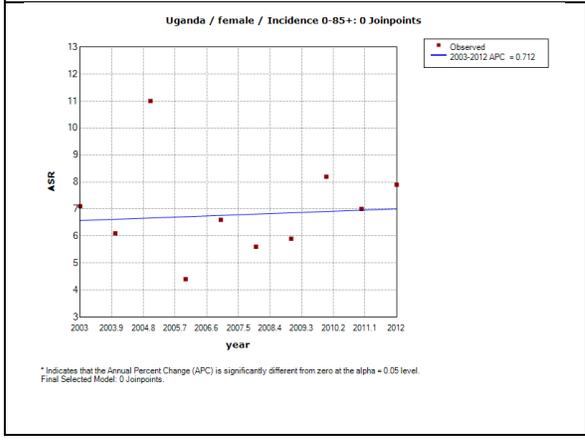


Eastern Europe



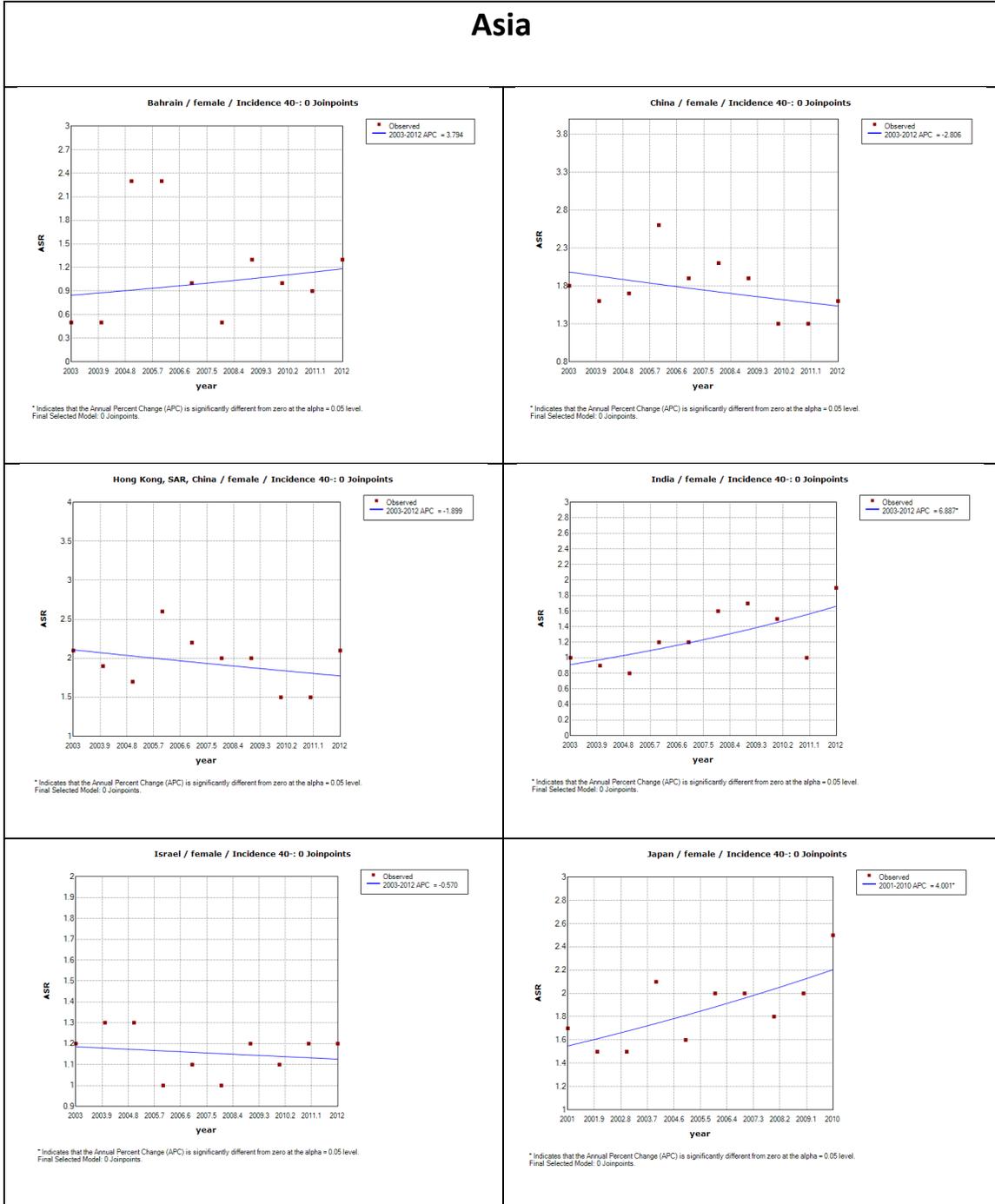


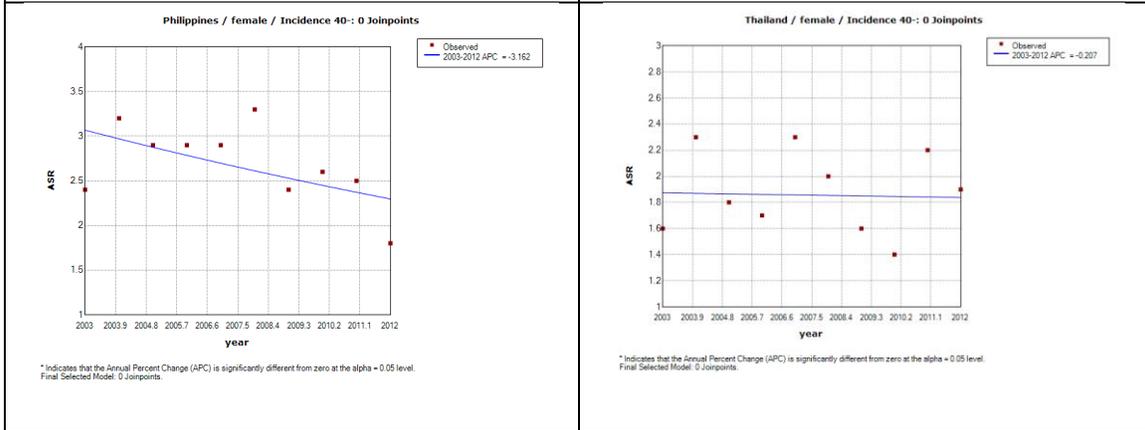
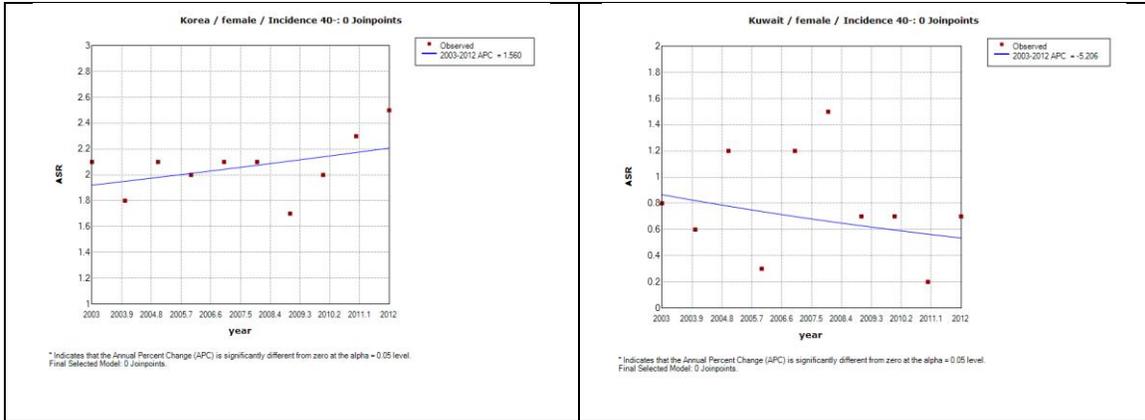
Africa



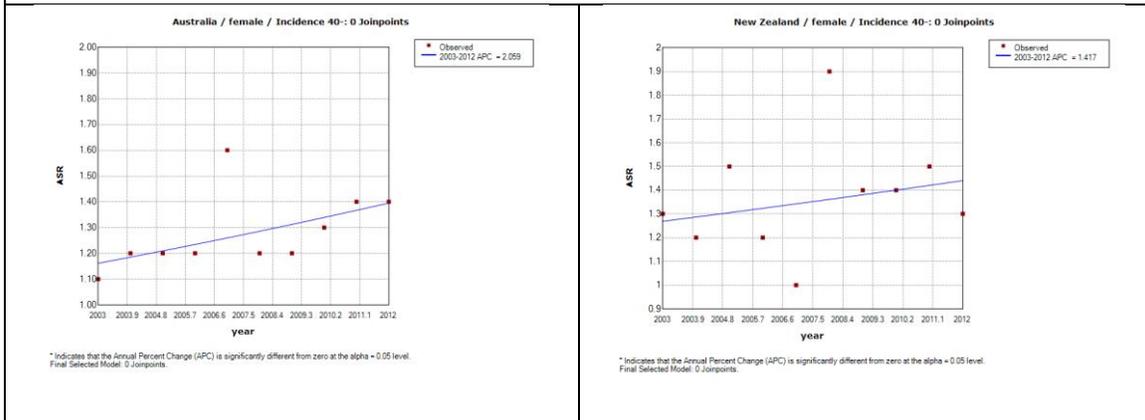
b.) Incidence female below 40 years old

Asia

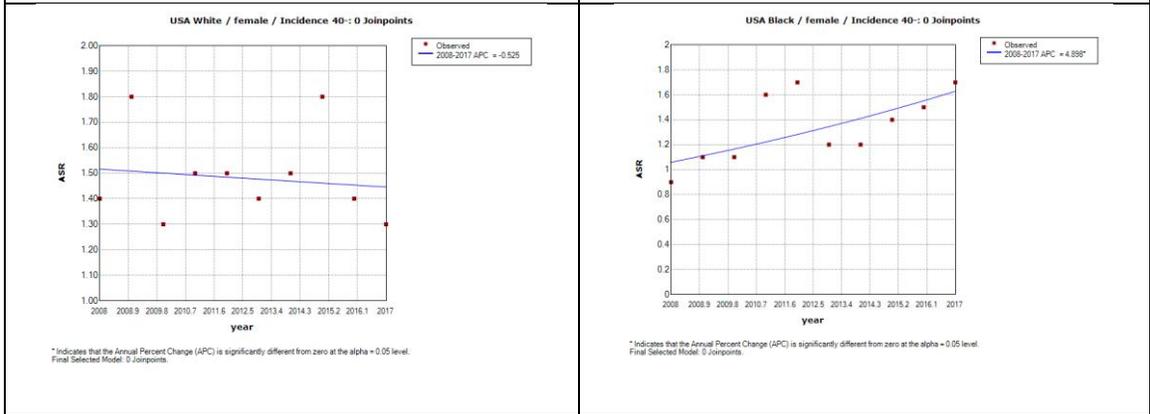
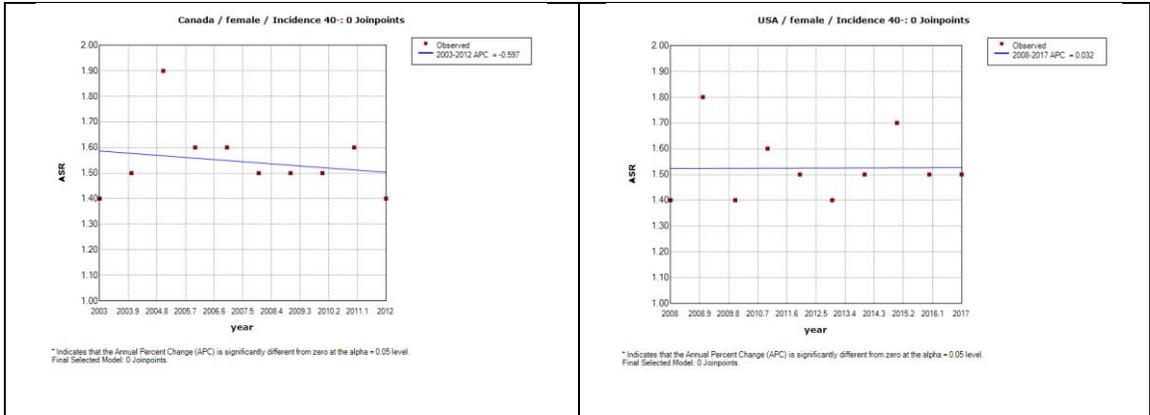




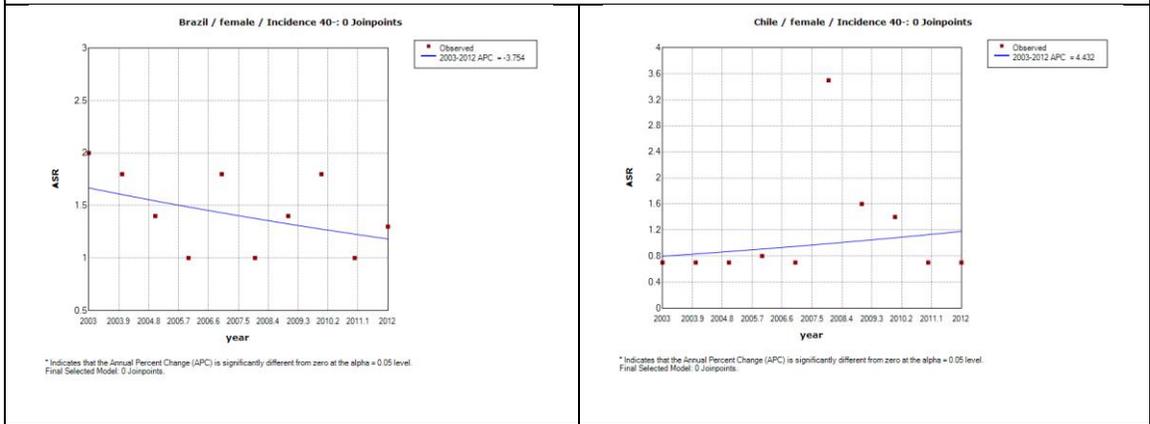
Oceania

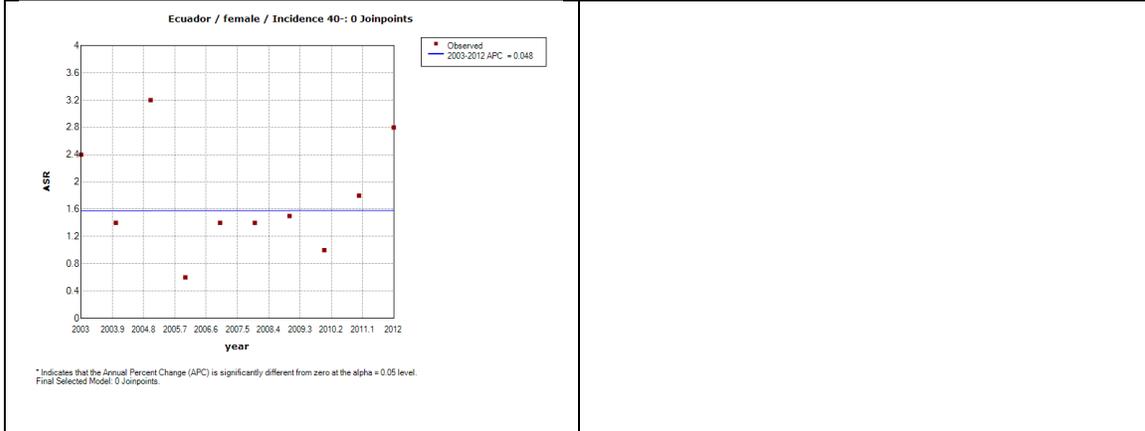
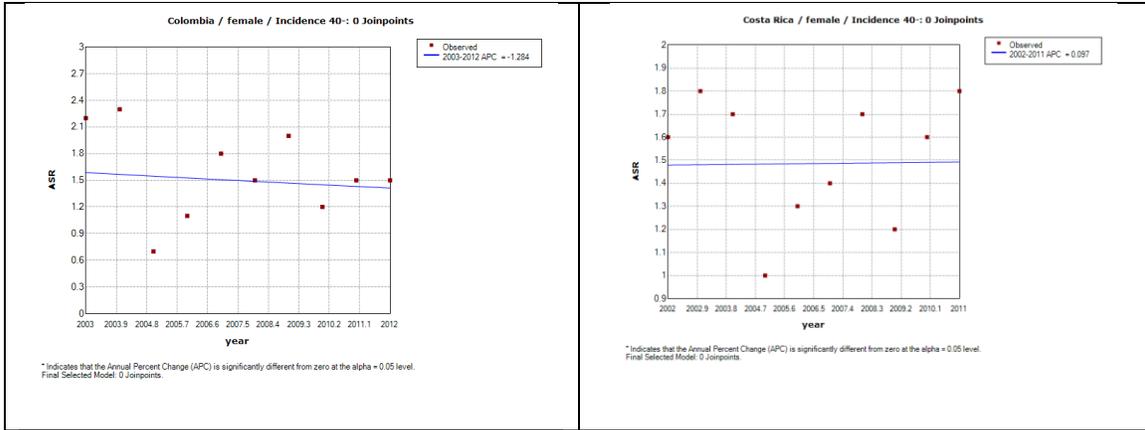


Northern America

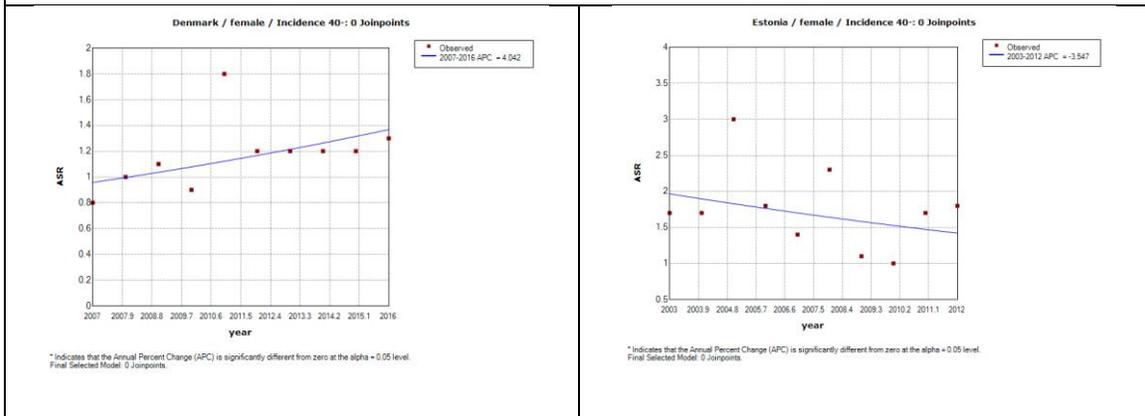


Southern America

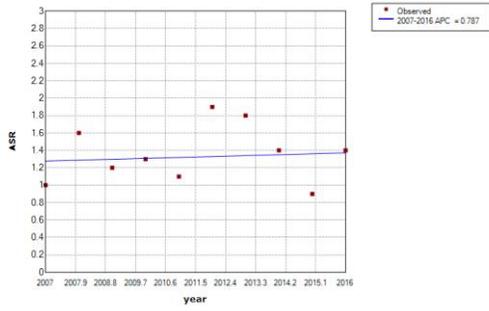




Northern Europe

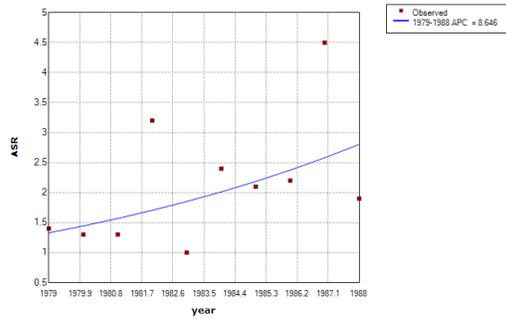


Finland / female / Incidence 40-: 0 Joinpoints



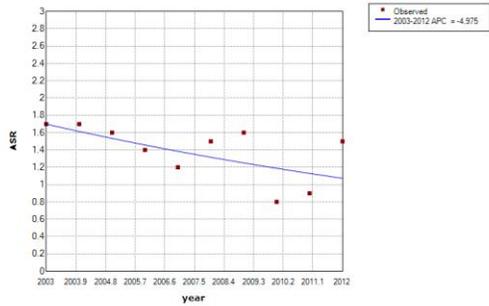
* Indicates that the Annual Percent Change (APC) is significantly different from zero at the alpha = 0.05 level.
Final Selected Model: 0 Joinpoints.

Iceland / female / Incidence 40-: 0 Joinpoints



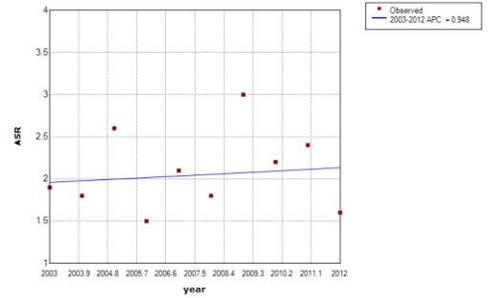
* Indicates that the Annual Percent Change (APC) is significantly different from zero at the alpha = 0.05 level.
Final Selected Model: 0 Joinpoints.

Ireland / female / Incidence 40-: 0 Joinpoints



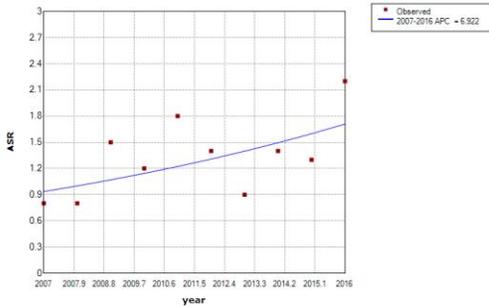
* Indicates that the Annual Percent Change (APC) is significantly different from zero at the alpha = 0.05 level.
Final Selected Model: 0 Joinpoints.

Lithuania / female / Incidence 40-: 0 Joinpoints



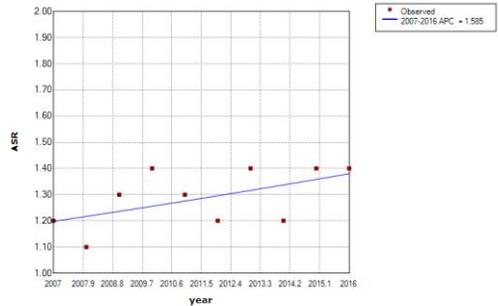
* Indicates that the Annual Percent Change (APC) is significantly different from zero at the alpha = 0.05 level.
Final Selected Model: 0 Joinpoints.

Norway / female / Incidence 40-: 0 Joinpoints



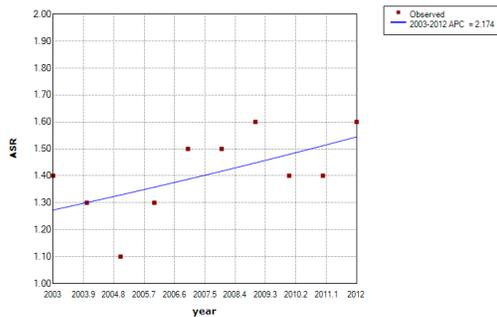
* Indicates that the Annual Percent Change (APC) is significantly different from zero at the alpha = 0.05 level.
Final Selected Model: 0 Joinpoints.

Sweden / female / Incidence 40-: 0 Joinpoints



* Indicates that the Annual Percent Change (APC) is significantly different from zero at the alpha = 0.05 level.
Final Selected Model: 0 Joinpoints.

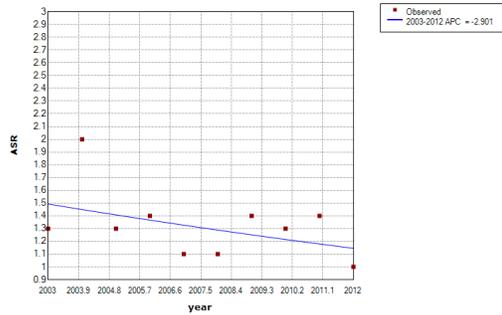
United Kingdom / female / Incidence 40-: 0 Joinpoints



* Indicates that the Annual Percent Change (APC) is significantly different from zero at the alpha = 0.05 level.
Final Selected Model: 0 Joinpoints.

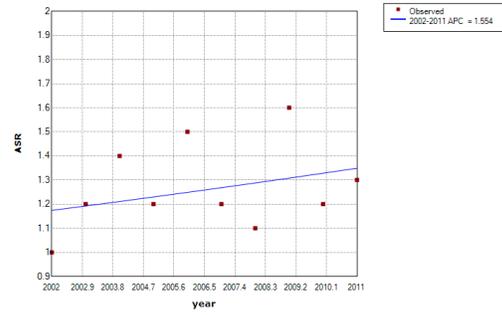
Western Europe

Austria / female / Incidence 40-: 0 Joinspoints



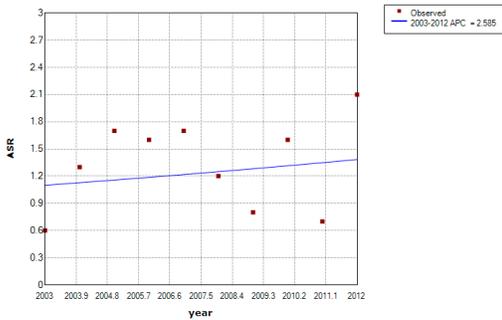
*Indicates that the Annual Percent Change (APC) is significantly different from zero at the alpha = 0.05 level.
Final Selected Model: 0 Joinspoints.

France / female / Incidence 40-: 0 Joinspoints



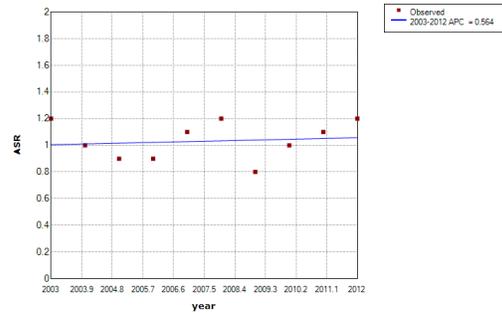
*Indicates that the Annual Percent Change (APC) is significantly different from zero at the alpha = 0.05 level.
Final Selected Model: 0 Joinspoints.

Germany / female / Incidence 40-: 0 Joinspoints



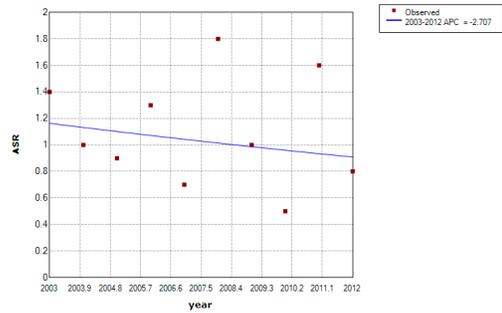
*Indicates that the Annual Percent Change (APC) is significantly different from zero at the alpha = 0.05 level.
Final Selected Model: 0 Joinspoints.

Netherlands / female / Incidence 40-: 0 Joinspoints



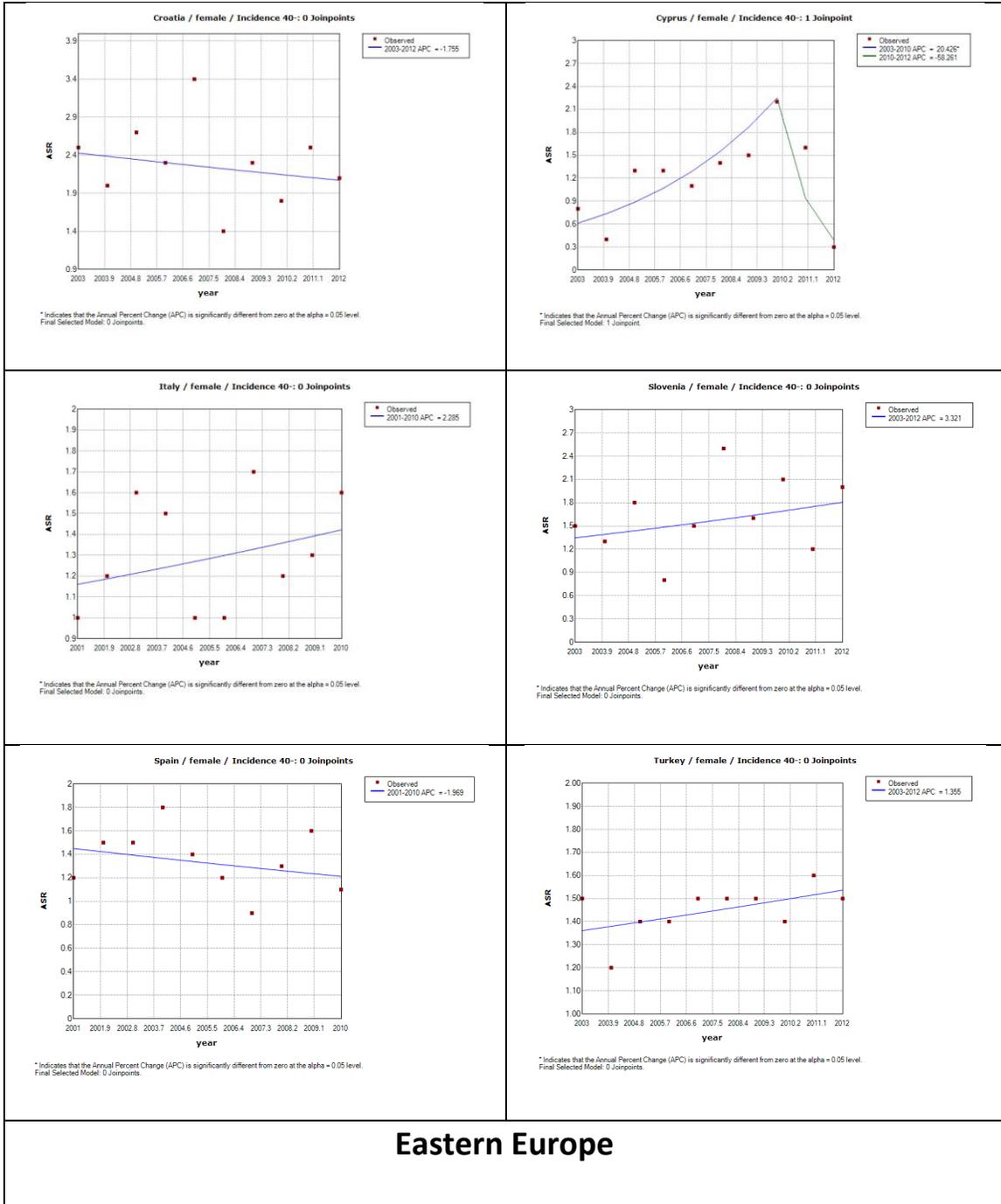
*Indicates that the Annual Percent Change (APC) is significantly different from zero at the alpha = 0.05 level.
Final Selected Model: 0 Joinspoints.

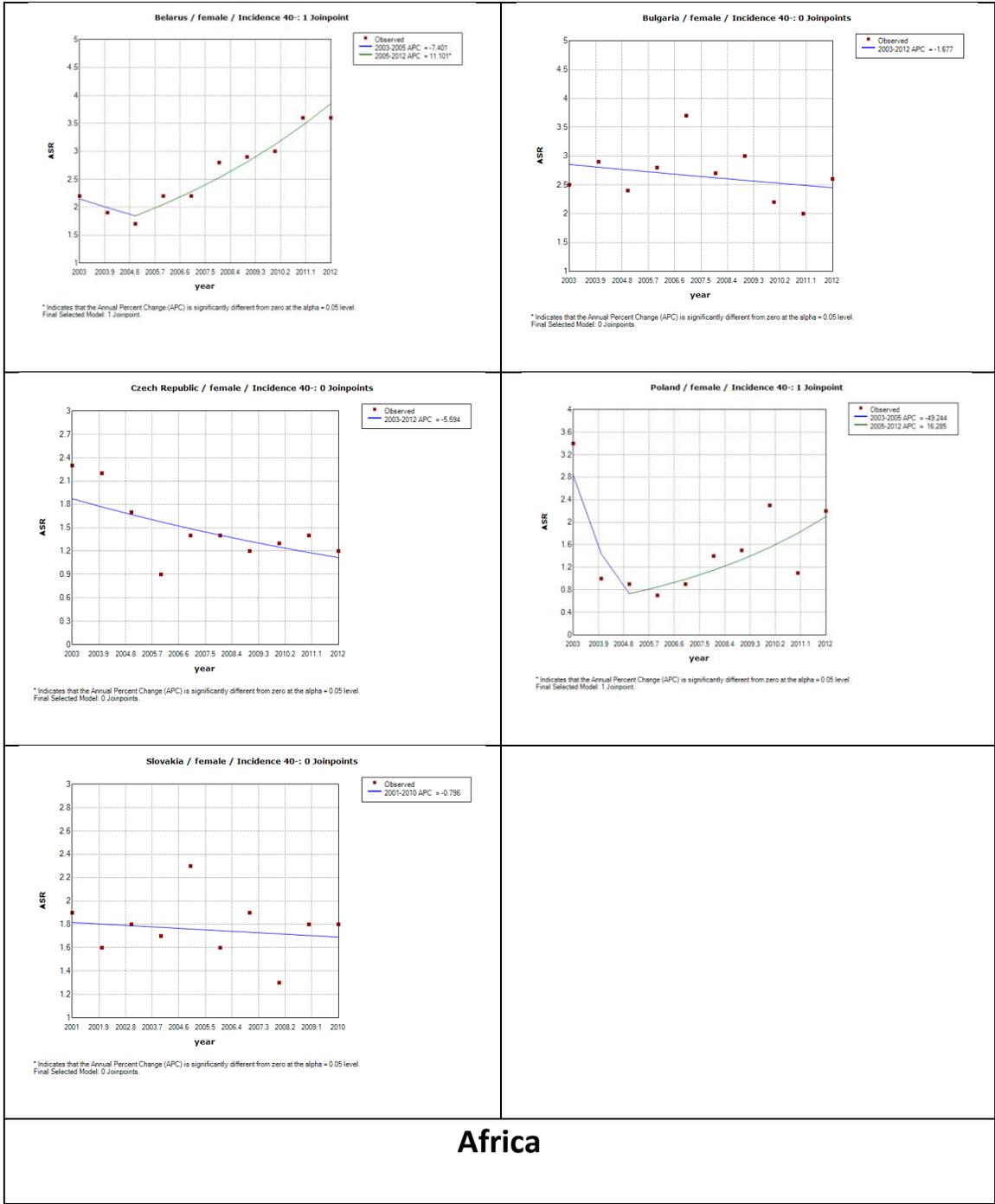
Switzerland / female / Incidence 40-: 0 Joinspoints



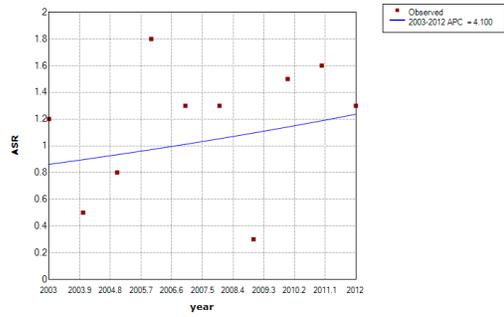
*Indicates that the Annual Percent Change (APC) is significantly different from zero at the alpha = 0.05 level.
Final Selected Model: 0 Joinspoints.

Southern Europe



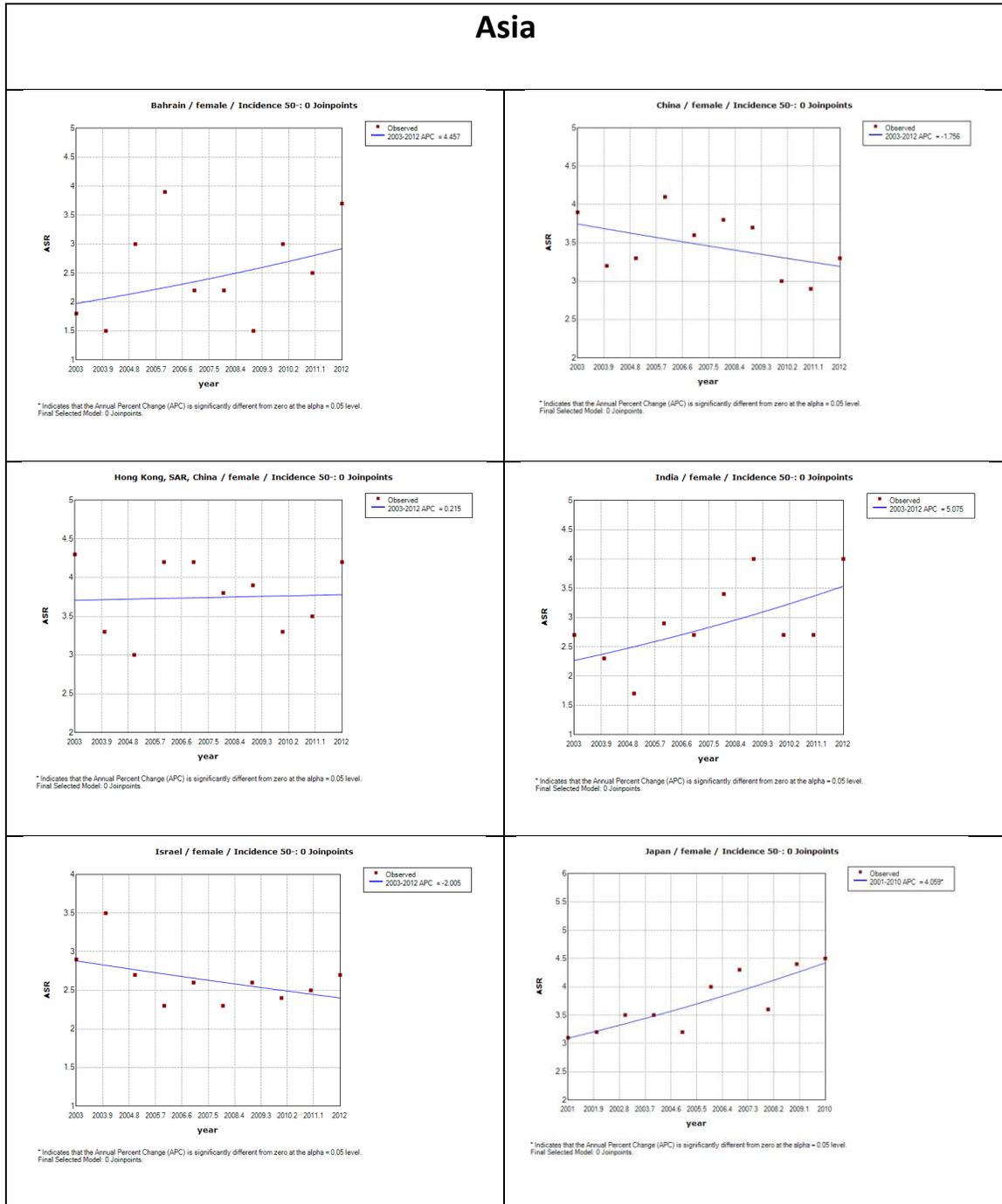


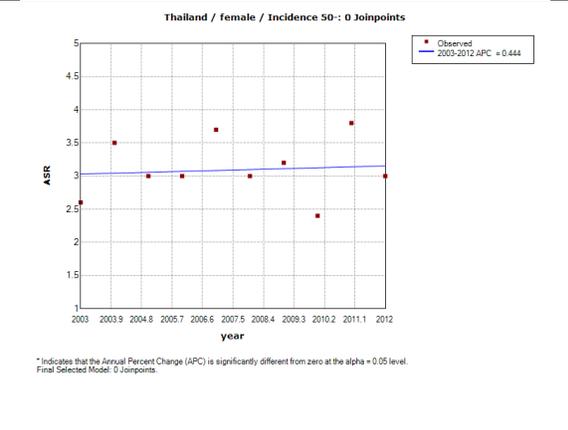
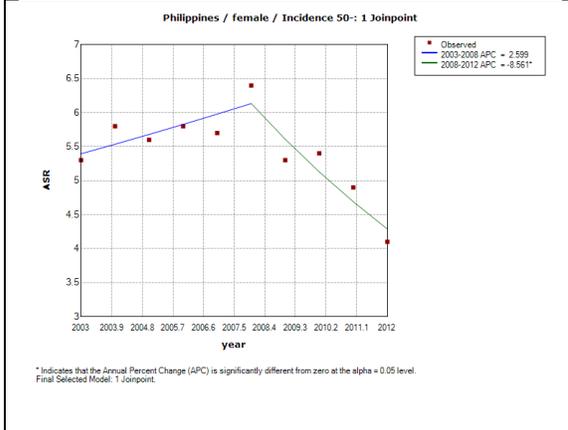
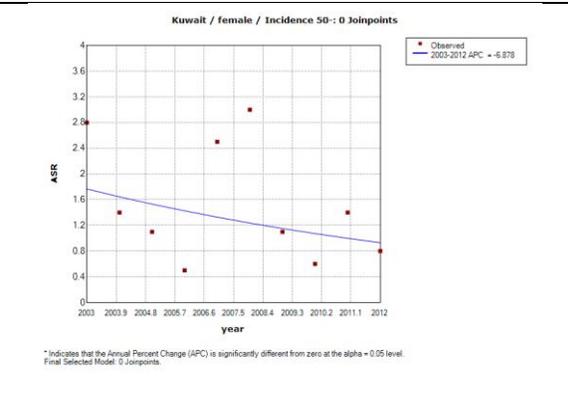
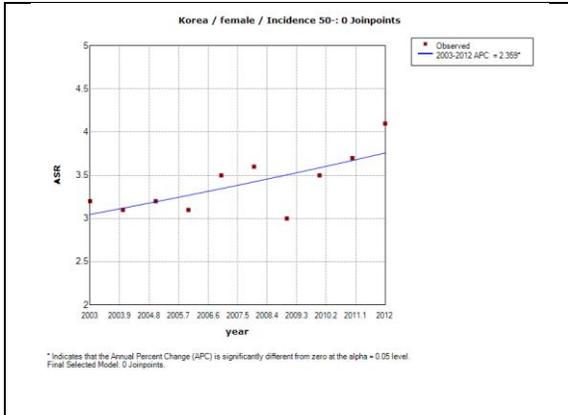
Uganda / female / Incidence 40-: 0 Joinpoints



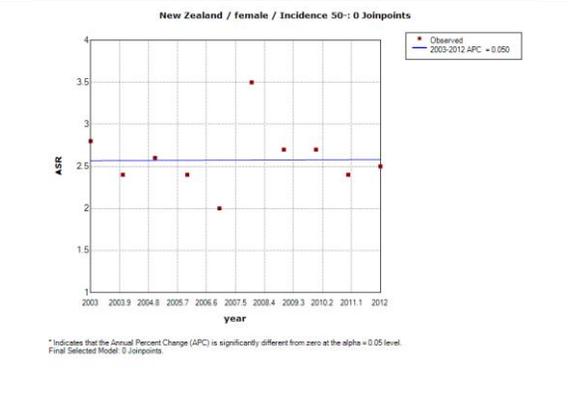
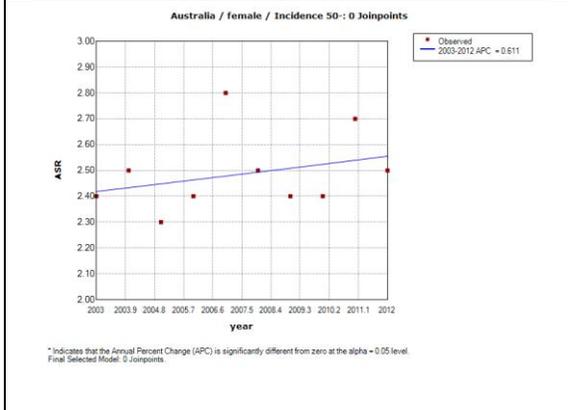
*Indicates that the Annual Percent Change (APC) is significantly different from zero at the alpha = 0.05 level.
Final Selected Model: 0 Joinpoints

c.) Incidence female below 50 years old

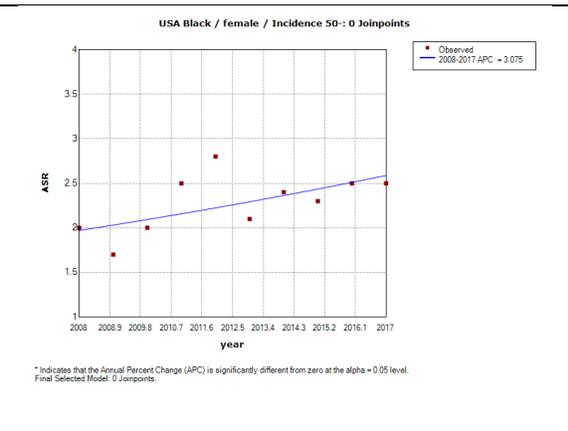
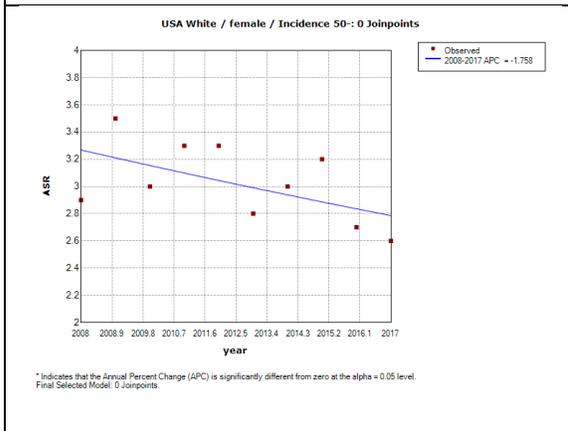
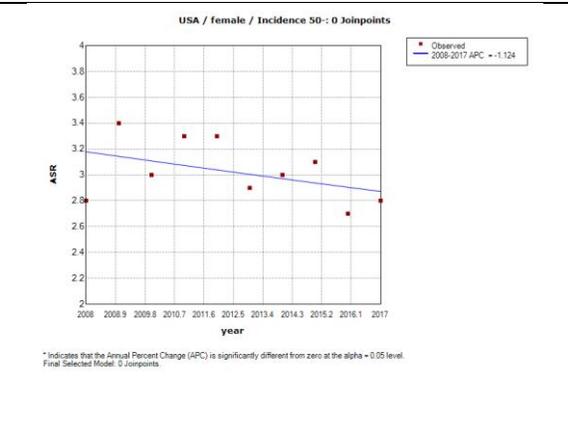
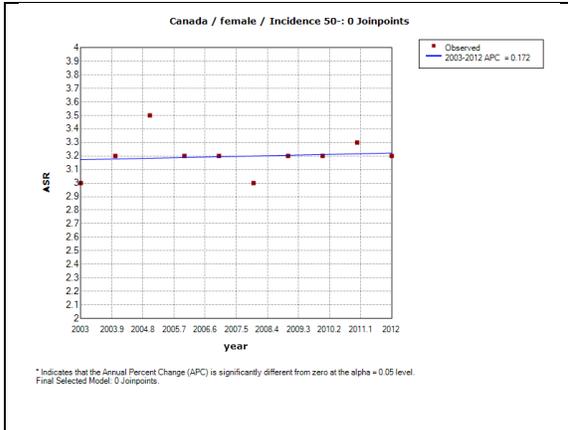




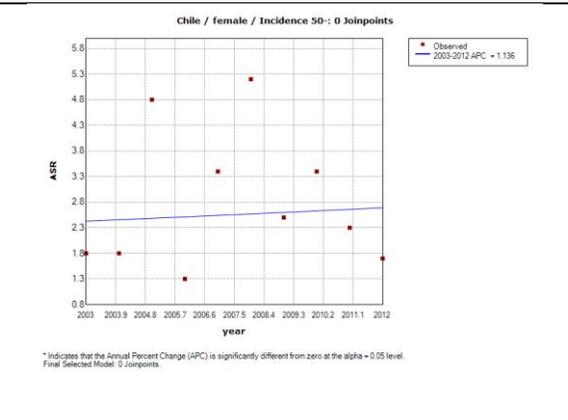
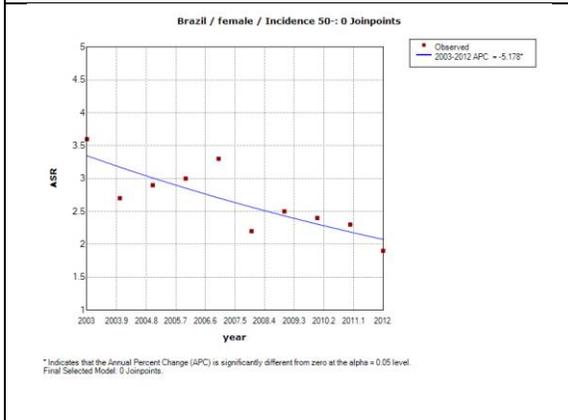
Oceania

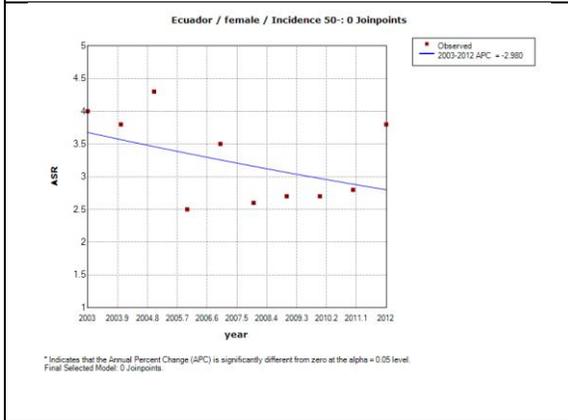
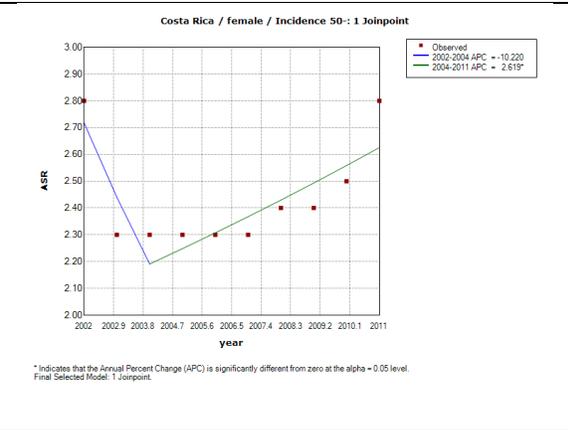
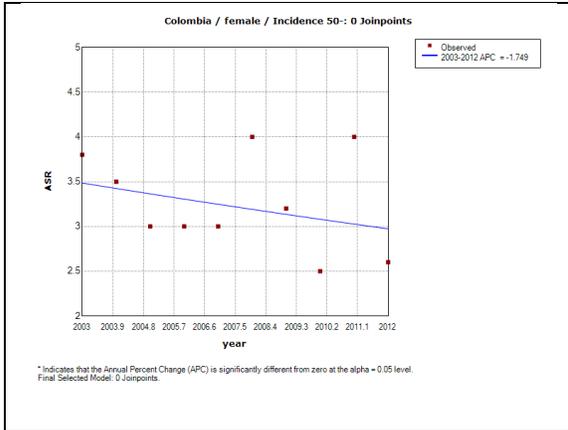


Northern America

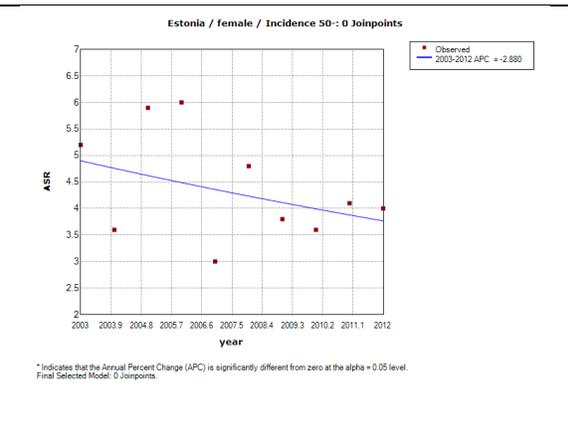
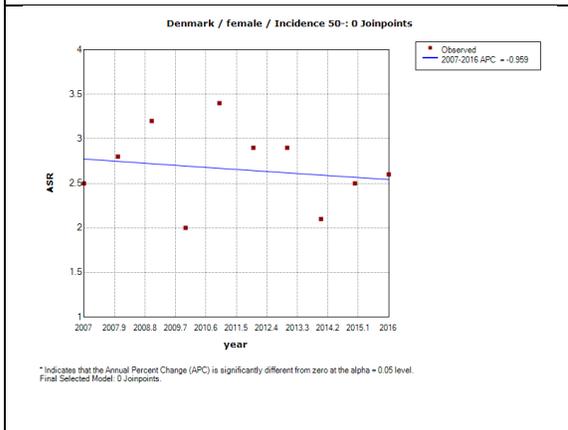


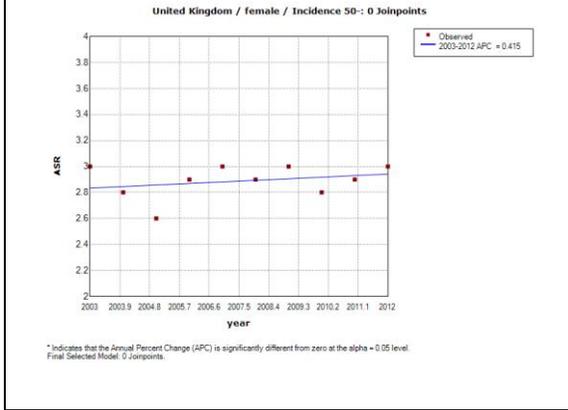
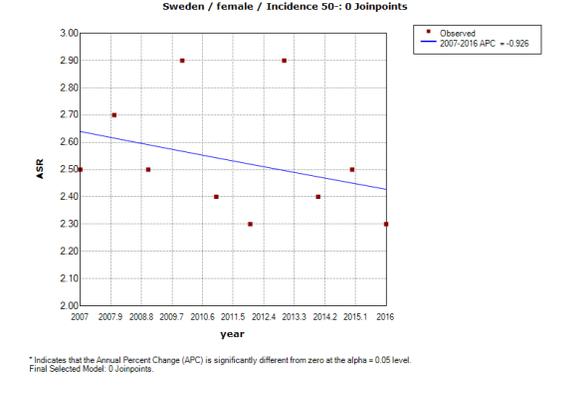
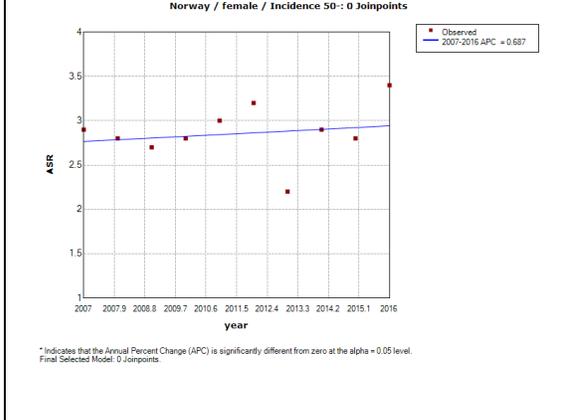
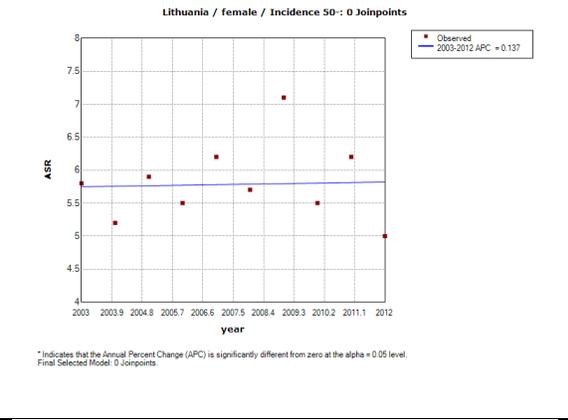
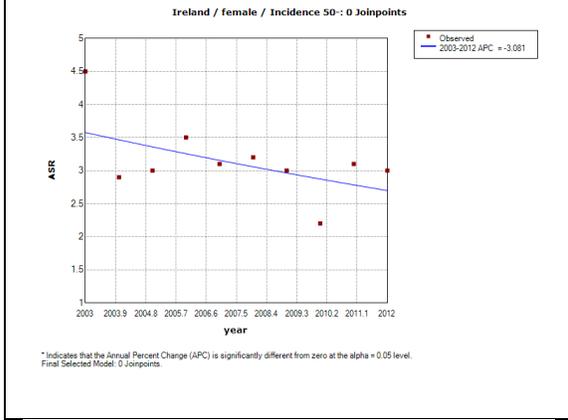
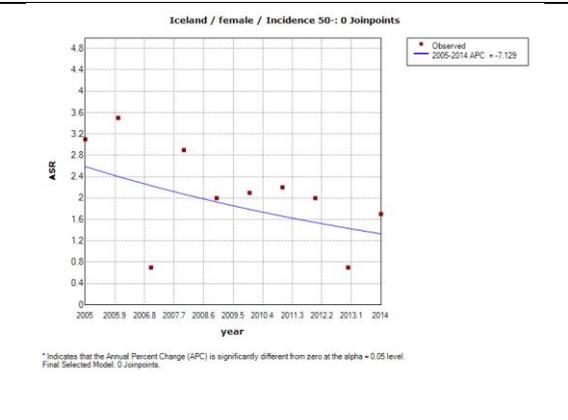
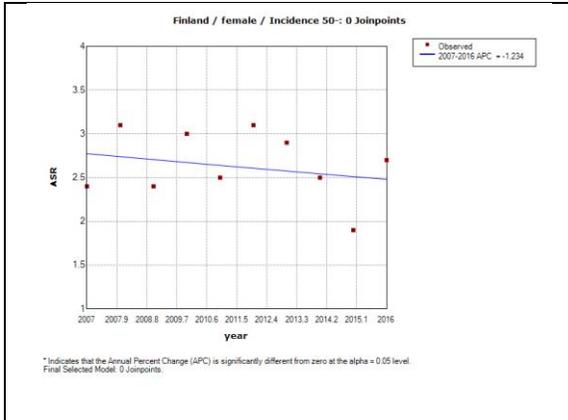
Southern America



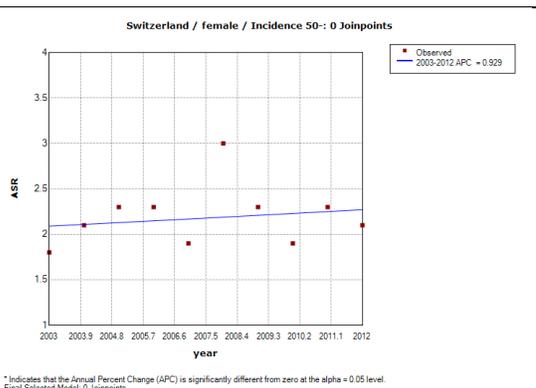
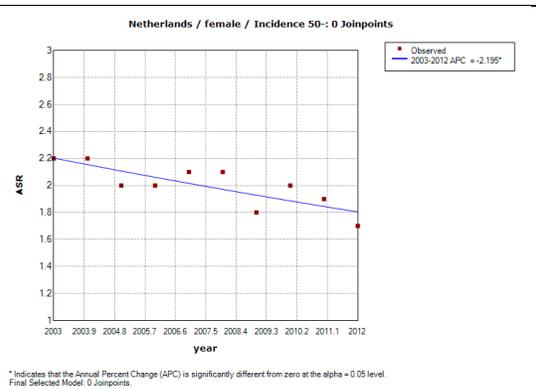
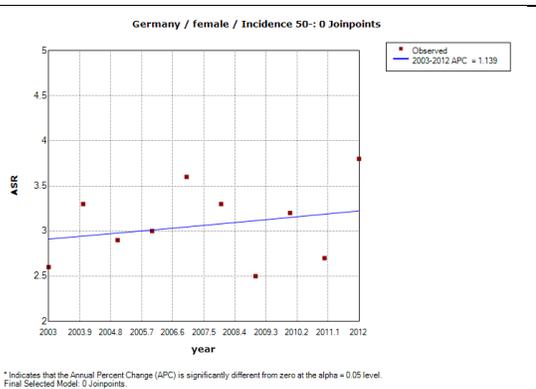
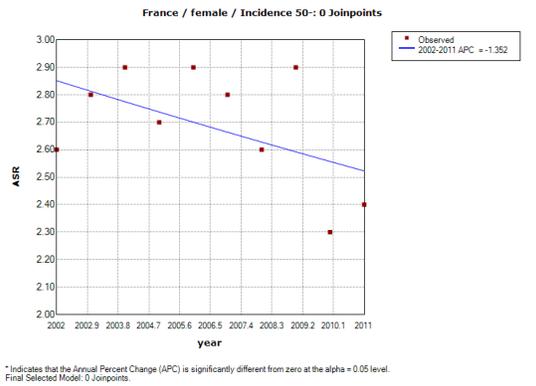
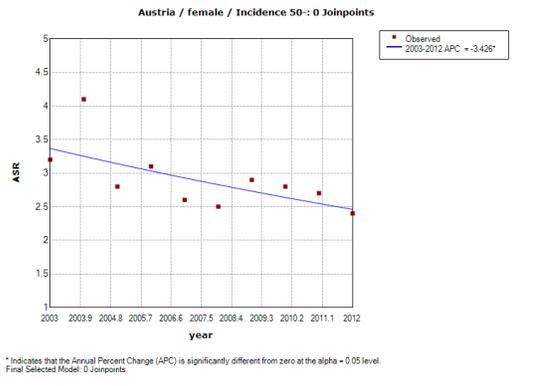


Northern Europe

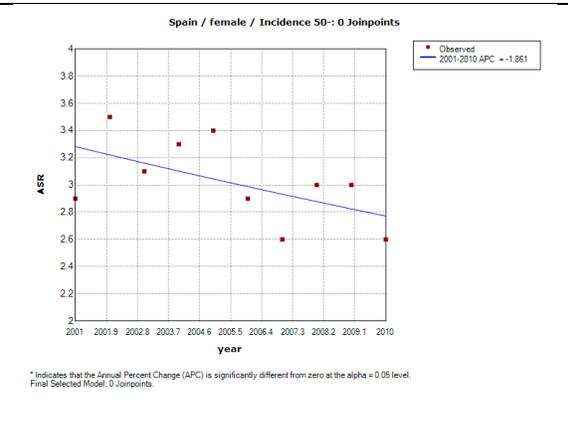
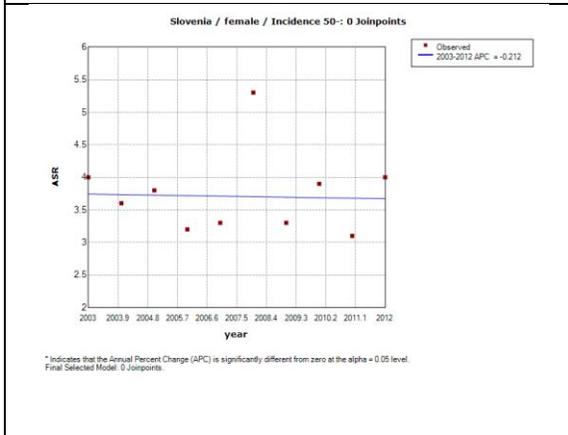
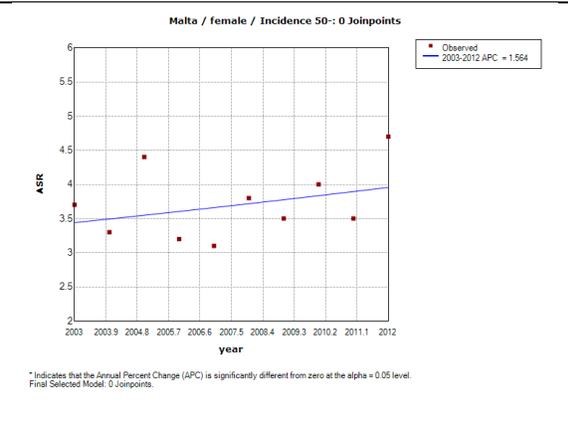
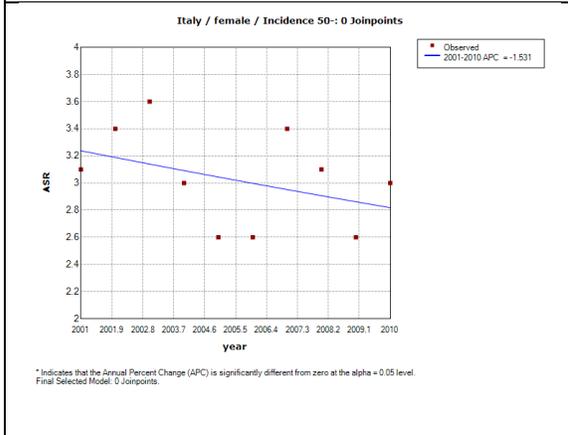
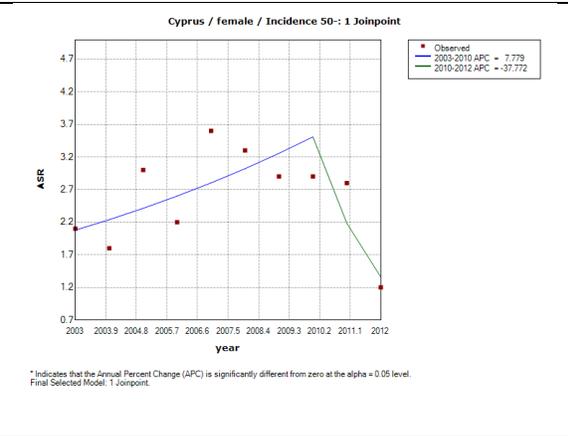
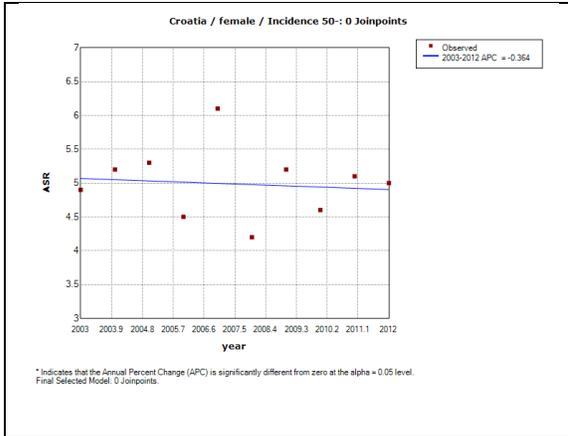


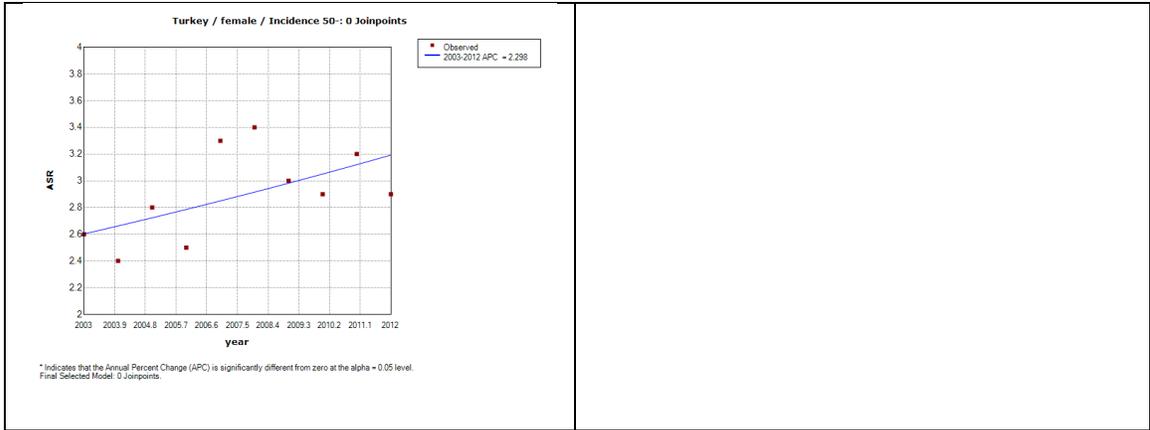


Western Europe

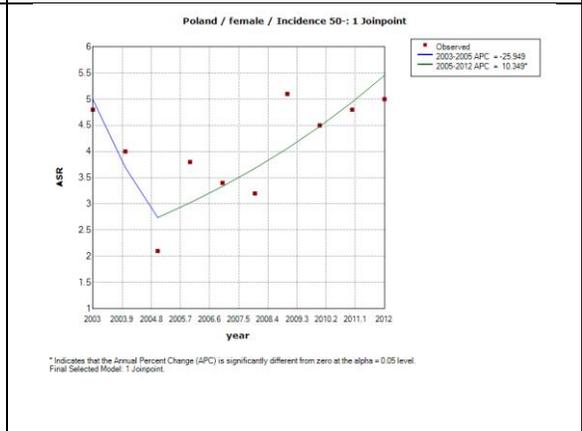
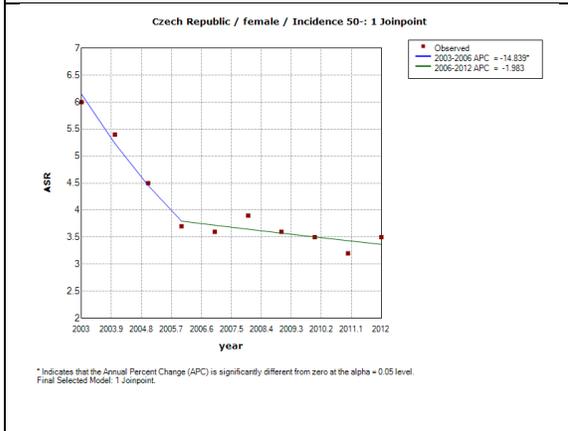
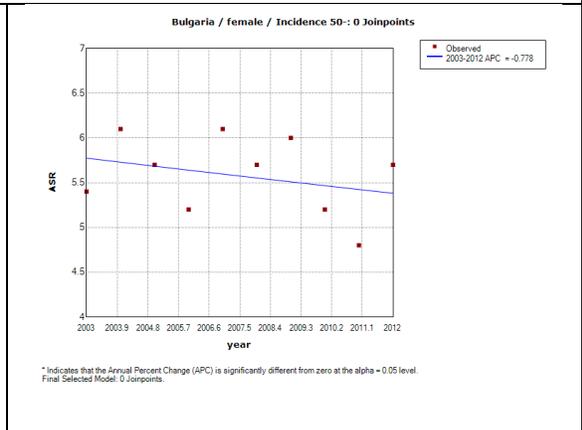
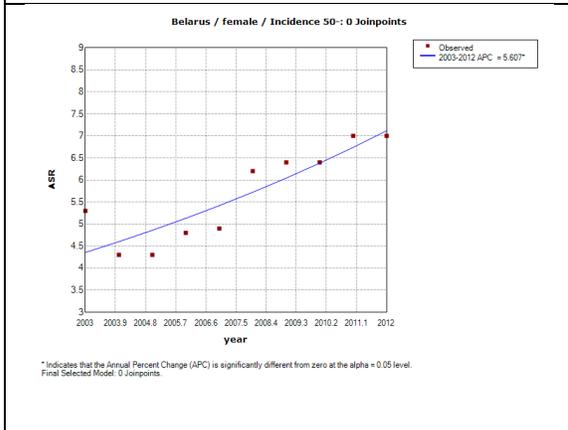


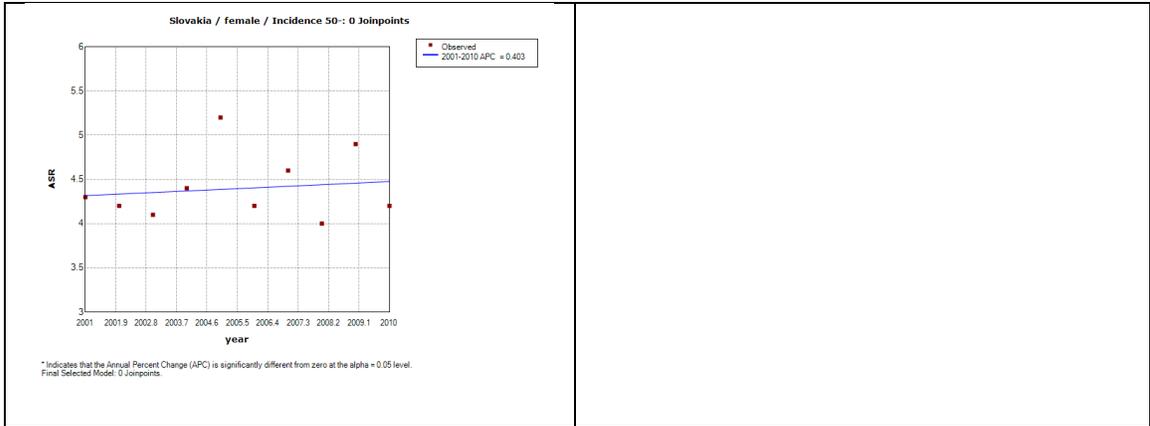
Southern Europe



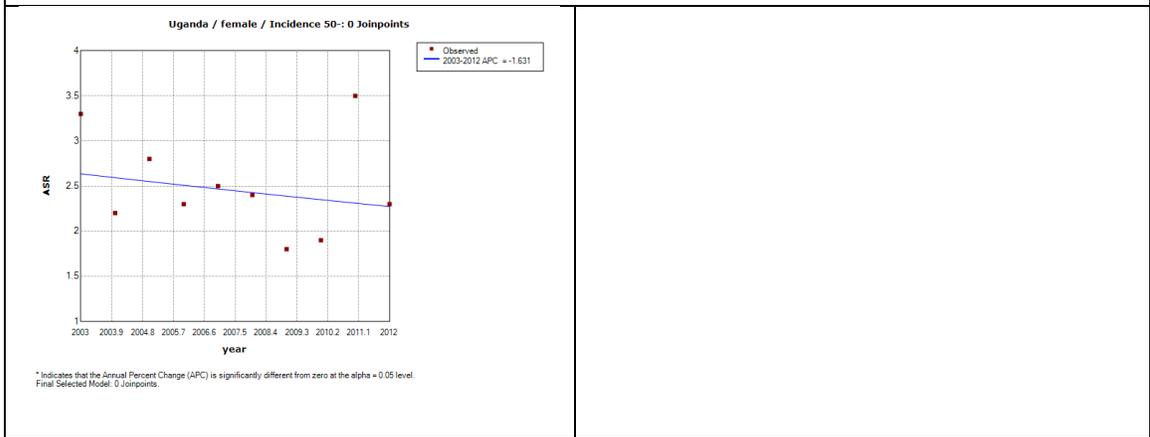


Eastern Europe



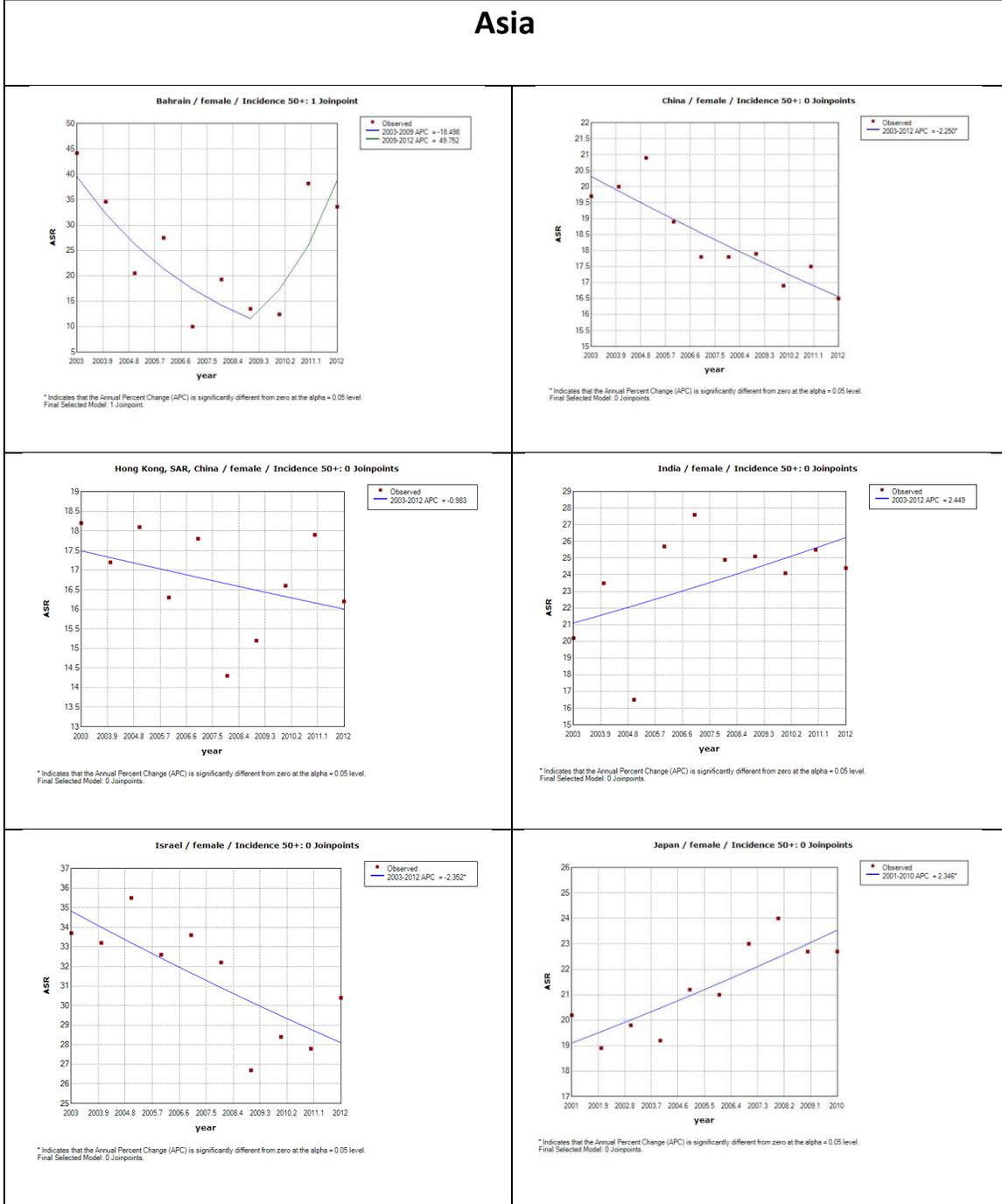


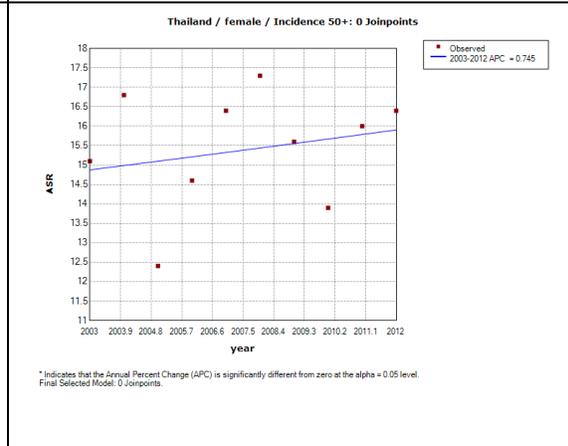
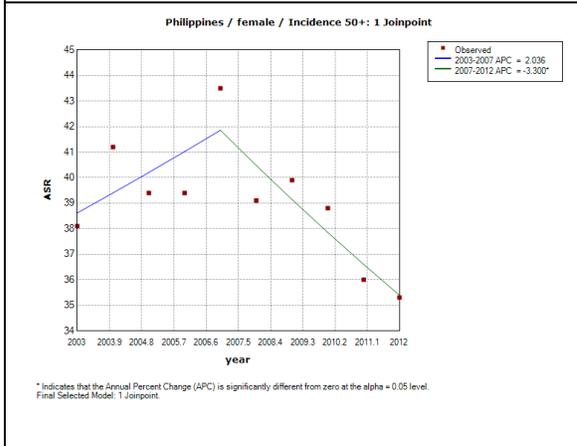
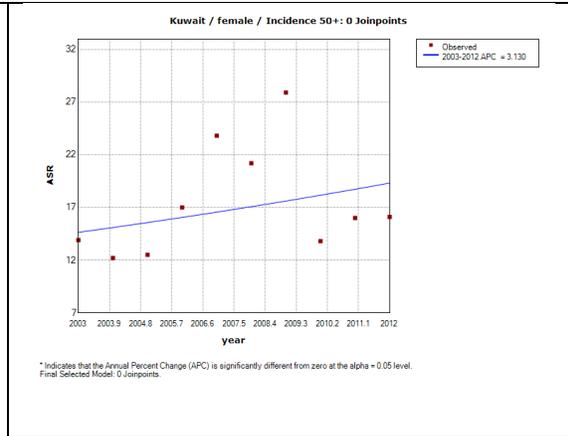
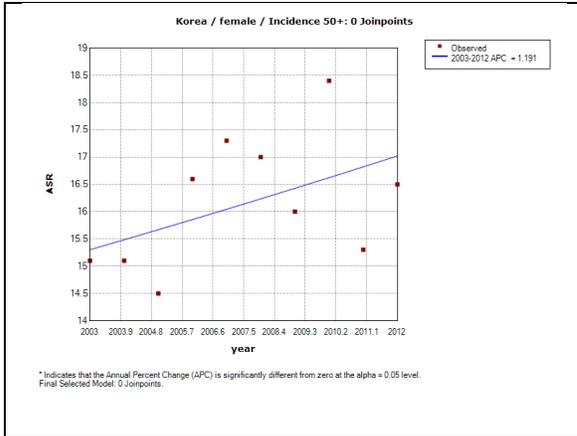
Africa



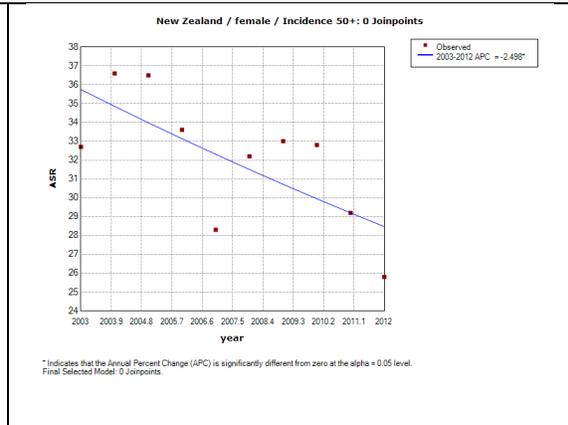
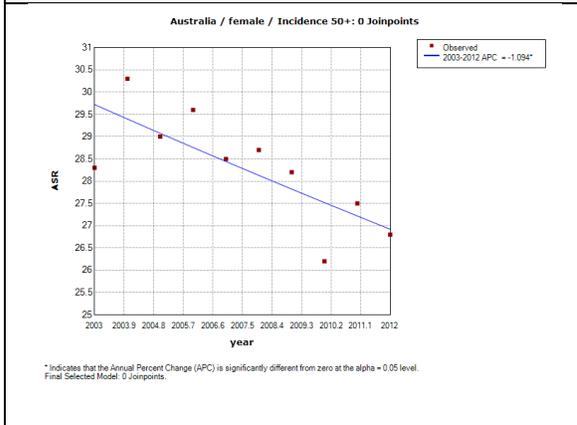
d.) Incidence female above 50 years old

Asia

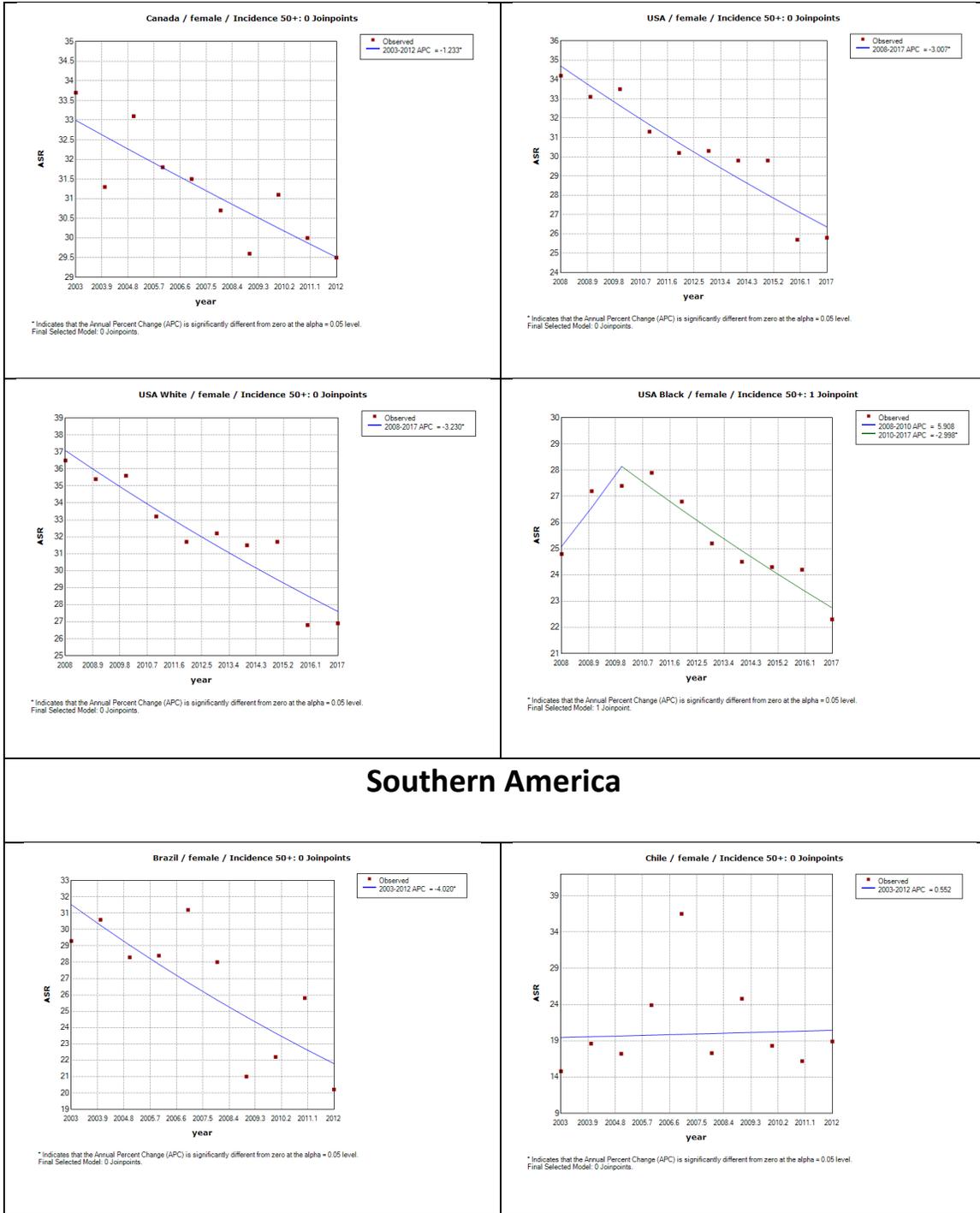




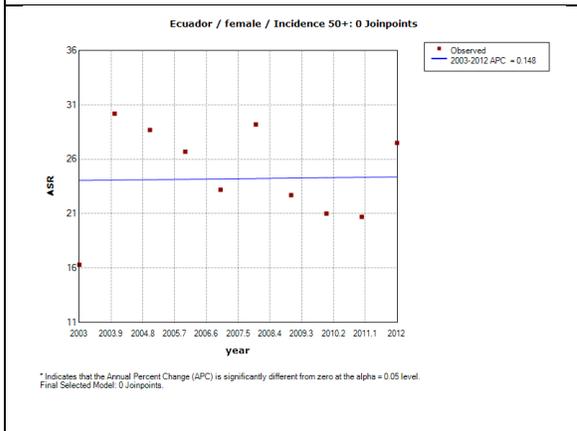
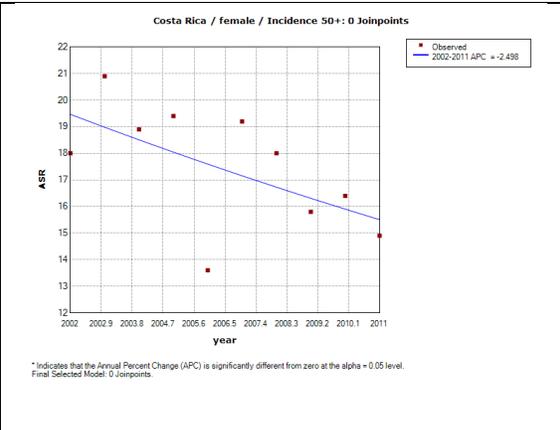
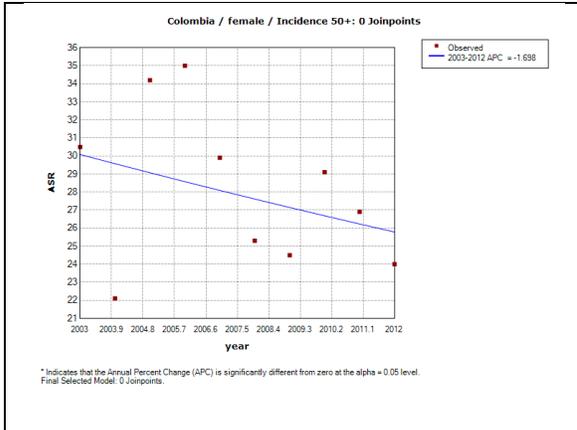
Oceania



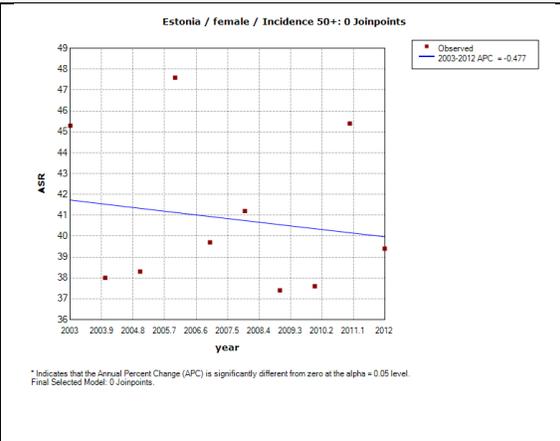
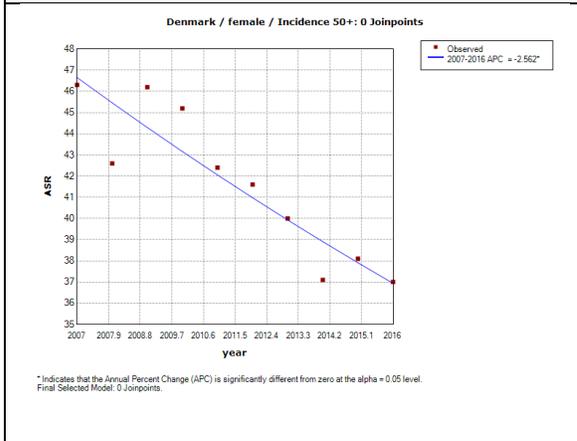
Northern America

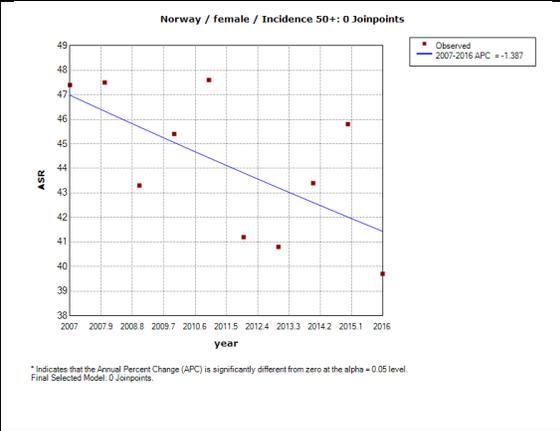
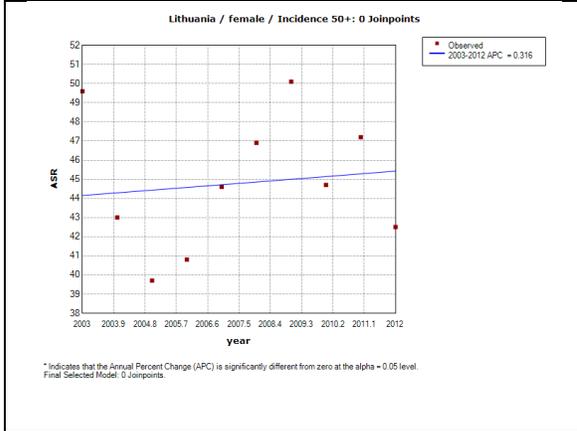
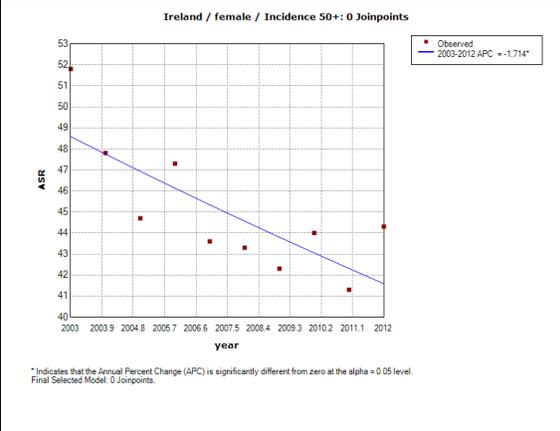
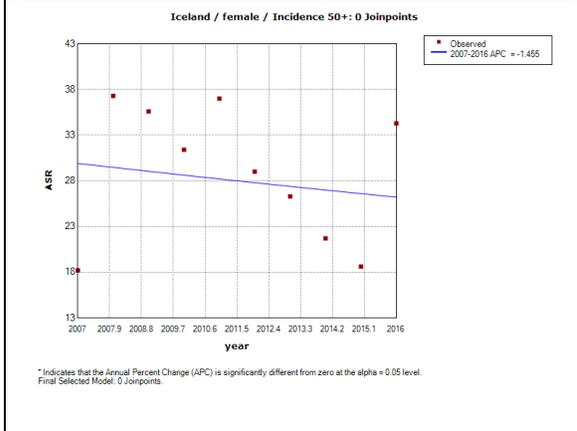
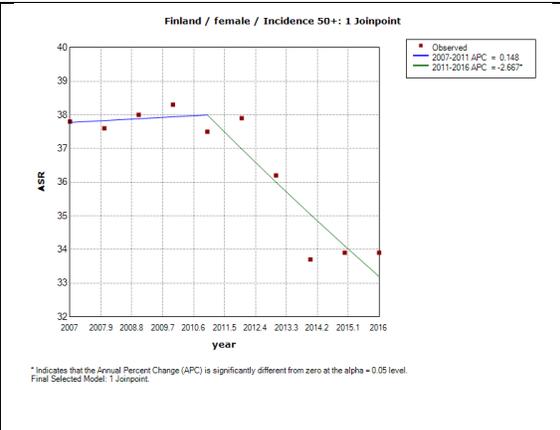
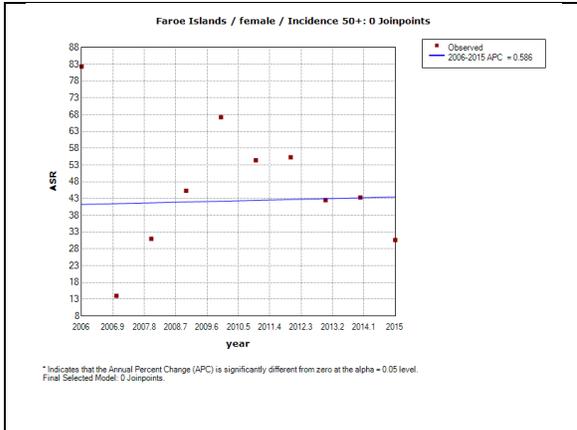


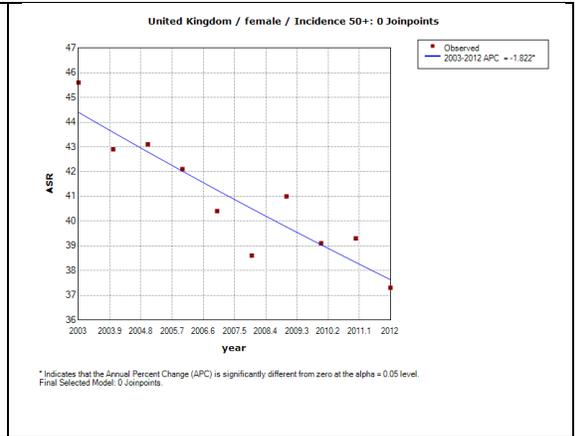
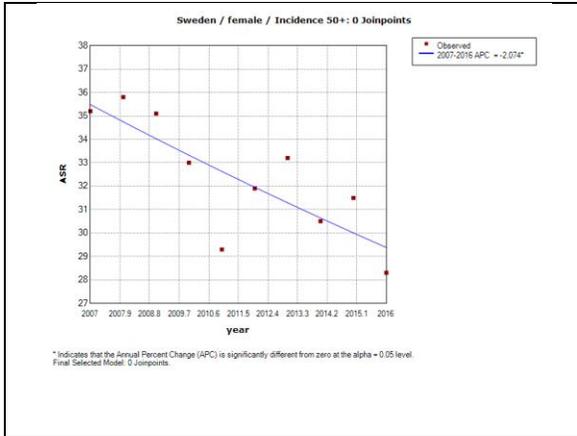
Southern America



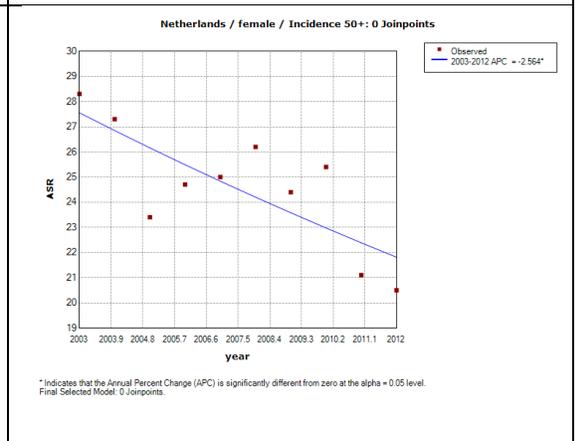
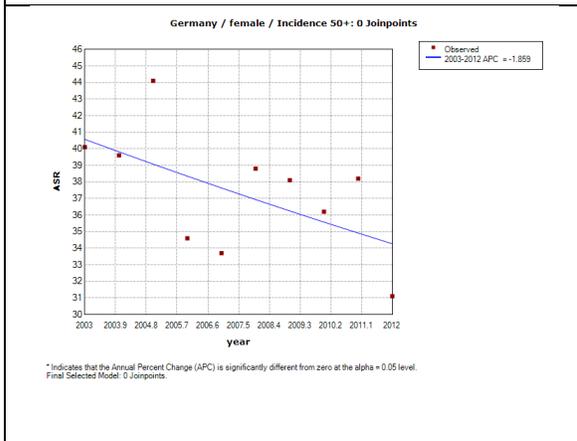
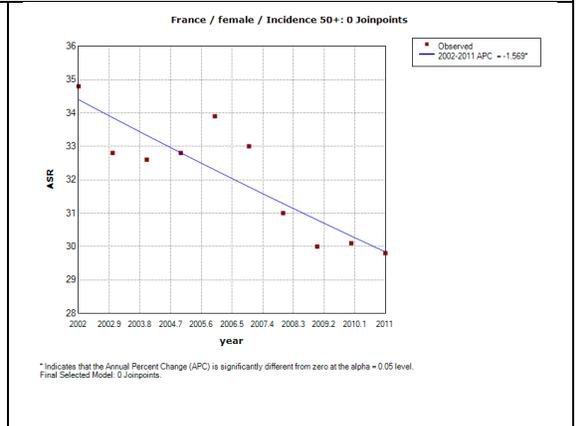
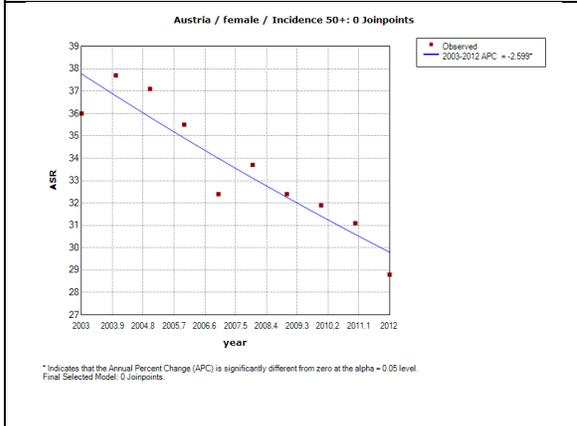
Northern Europe

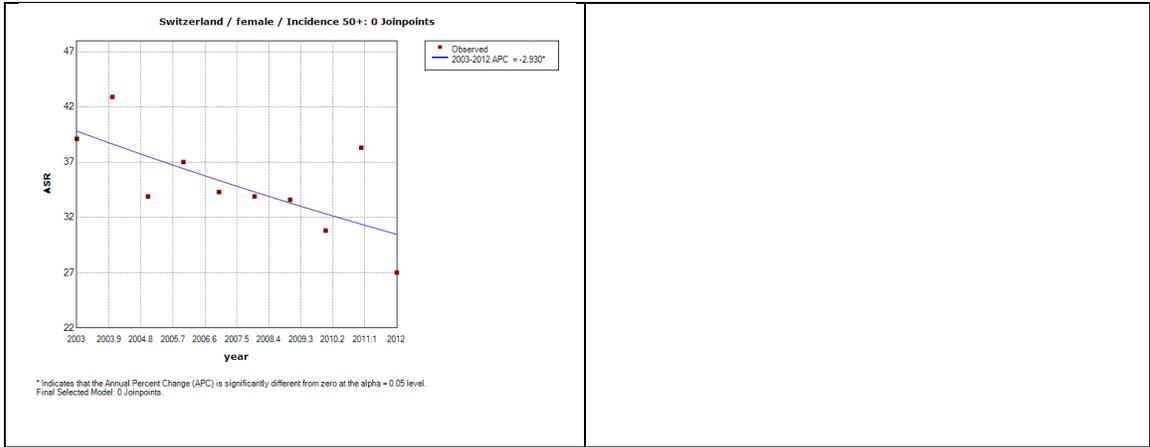




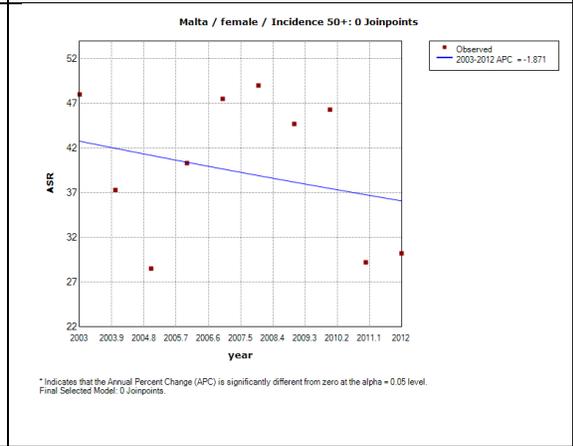
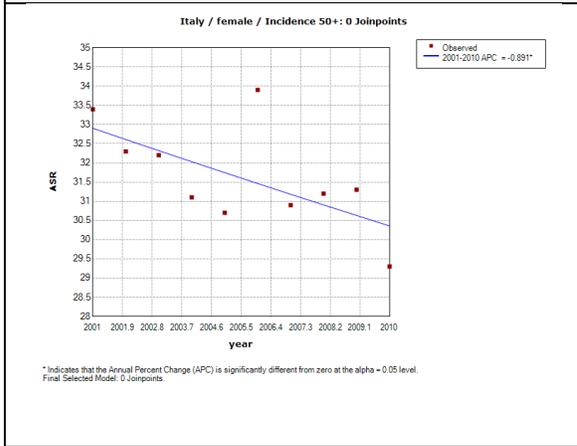
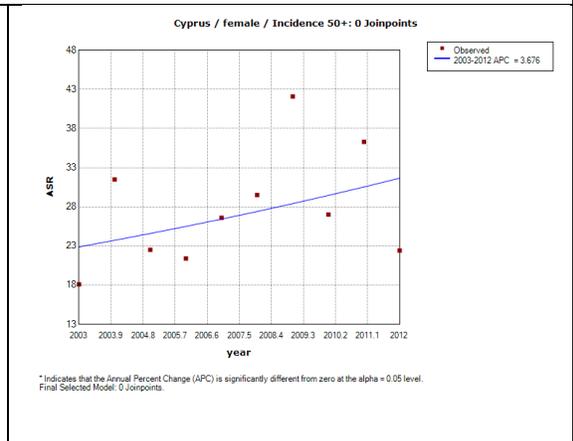
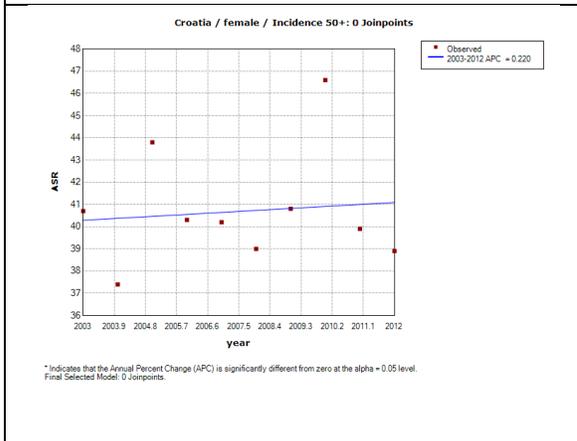


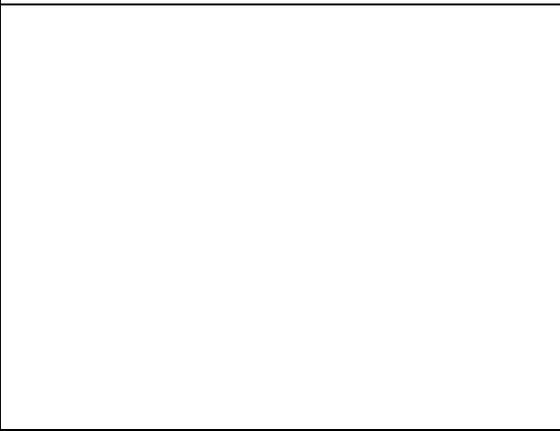
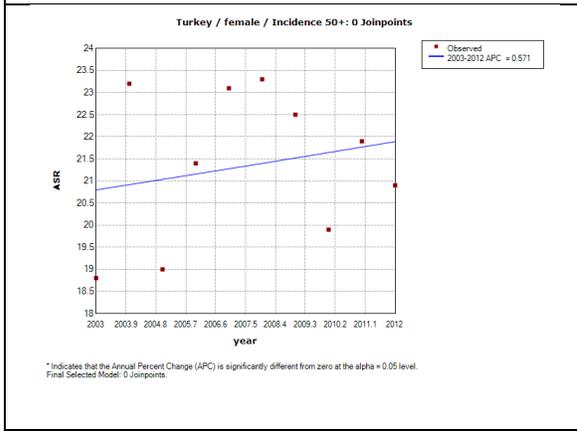
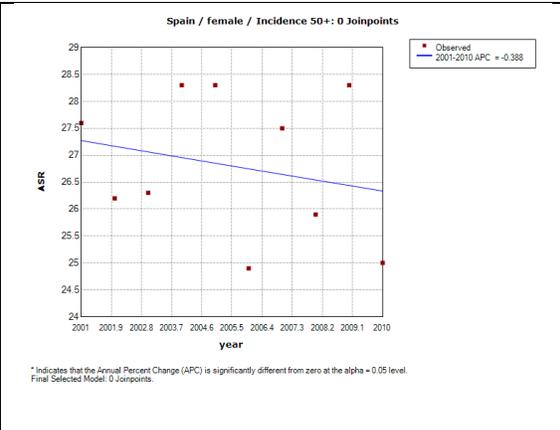
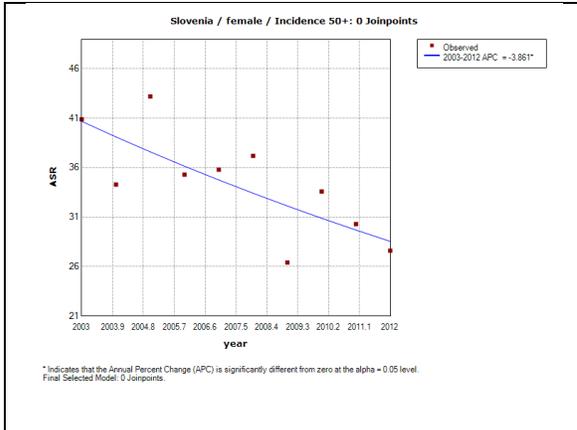
Western Europe



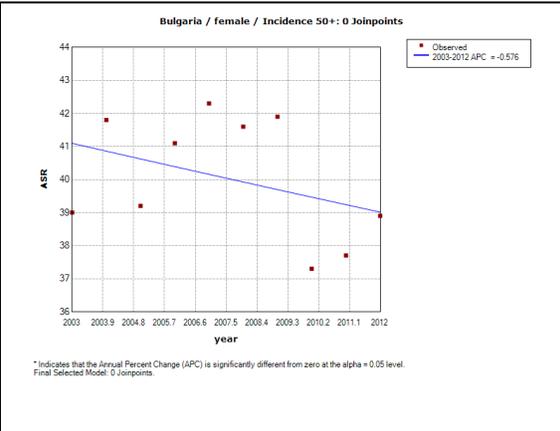
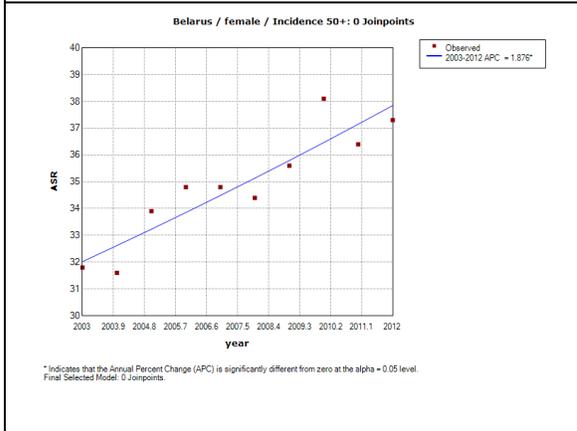


Southern Europe

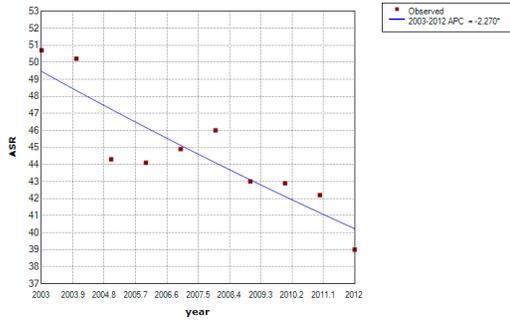




Eastern Europe

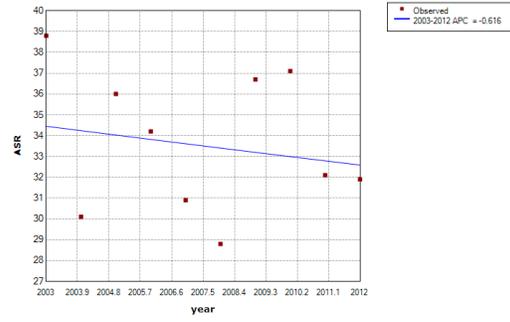


Czech Republic / female / Incidence 50+: 0 Joinpoints



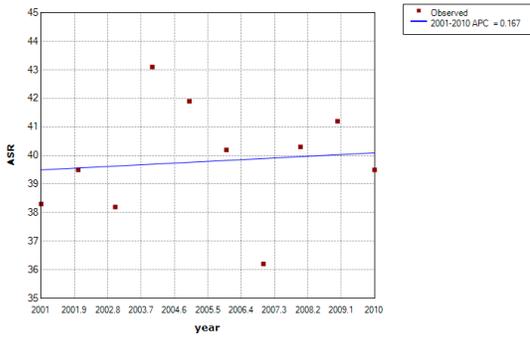
* Indicates that the Annual Percent Change (APC) is significantly different from zero at the alpha = 0.05 level. Final Selected Model: 0 Joinpoints.

Poland / female / Incidence 50+: 0 Joinpoints



* Indicates that the Annual Percent Change (APC) is significantly different from zero at the alpha = 0.05 level. Final Selected Model: 0 Joinpoints.

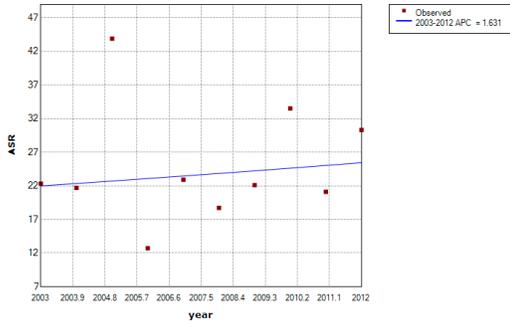
Slovakia / female / Incidence 50+: 0 Joinpoints



* Indicates that the Annual Percent Change (APC) is significantly different from zero at the alpha = 0.05 level. Final Selected Model: 0 Joinpoints.

Africa

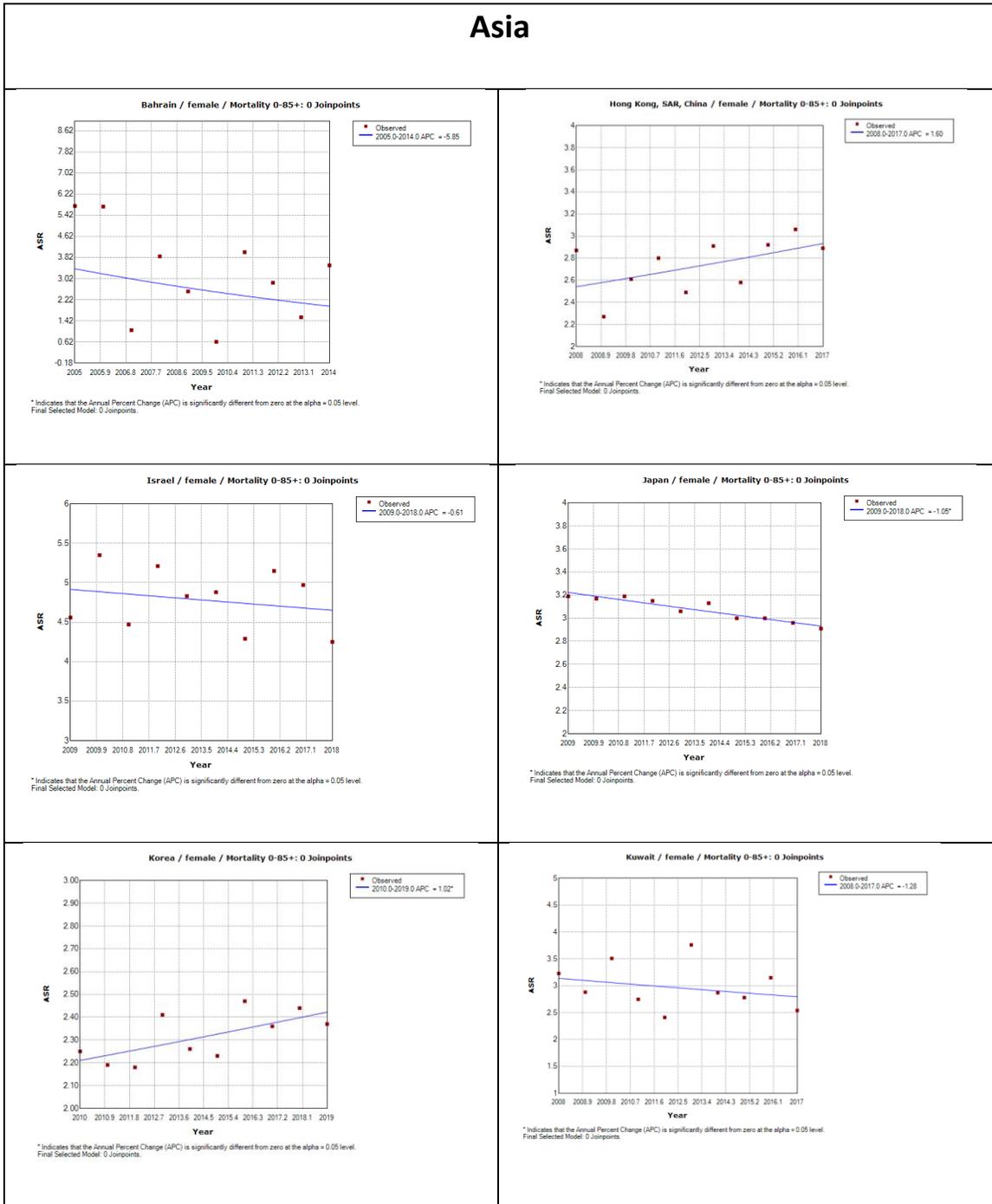
Uganda / female / Incidence 50+: 0 Joinpoints

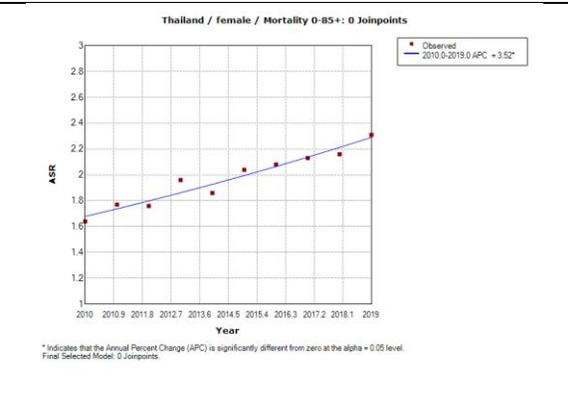
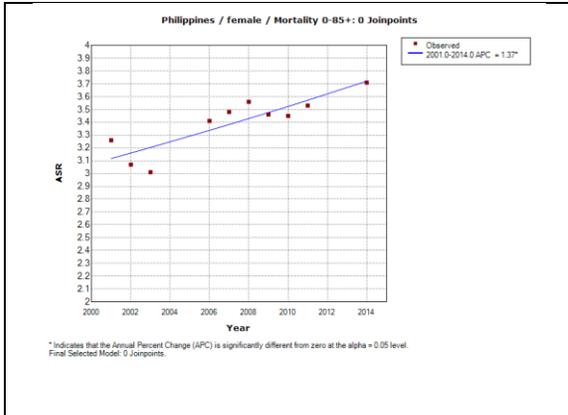


* Indicates that the Annual Percent Change (APC) is significantly different from zero at the alpha = 0.05 level. Final Selected Model: 0 Joinpoints.

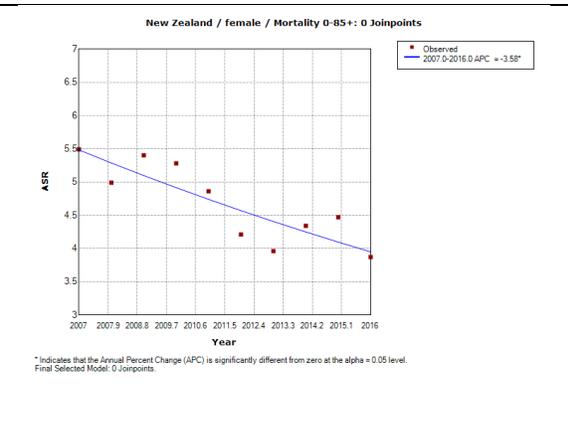
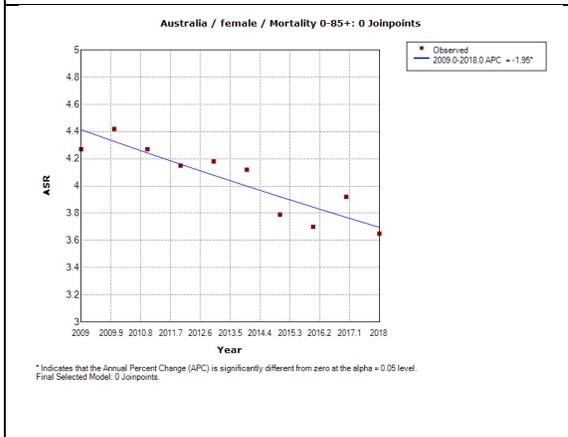
e.) Mortality female all ages

Asia

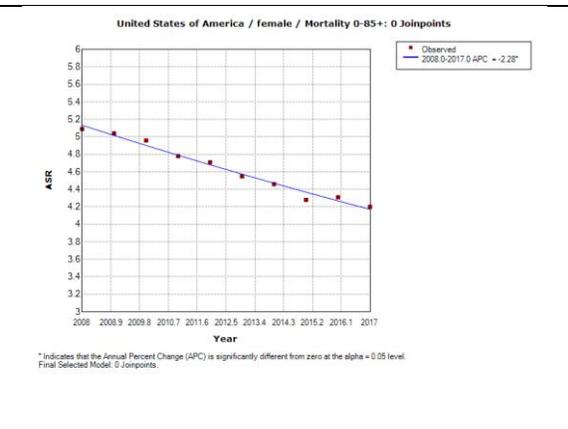
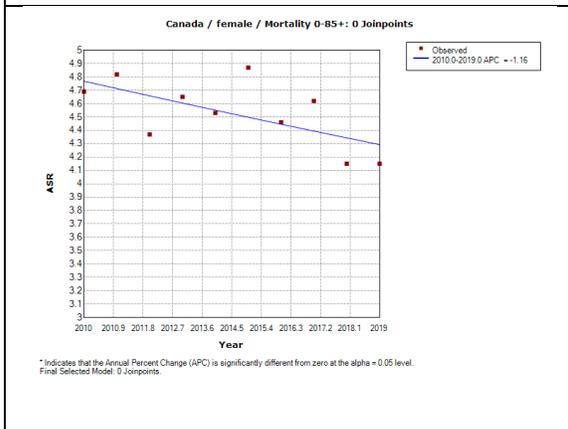


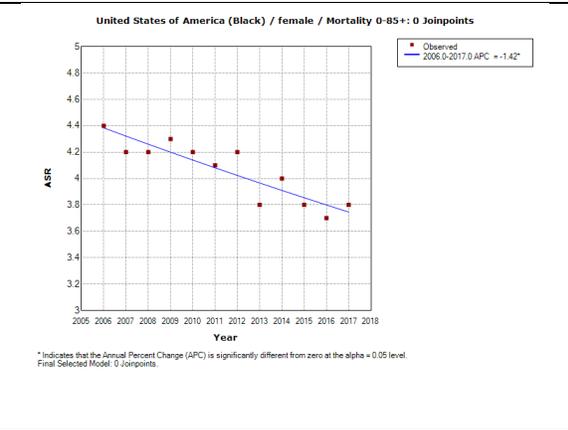
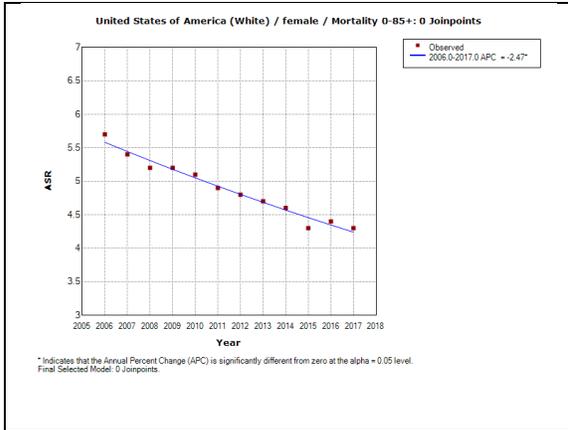


Oceania

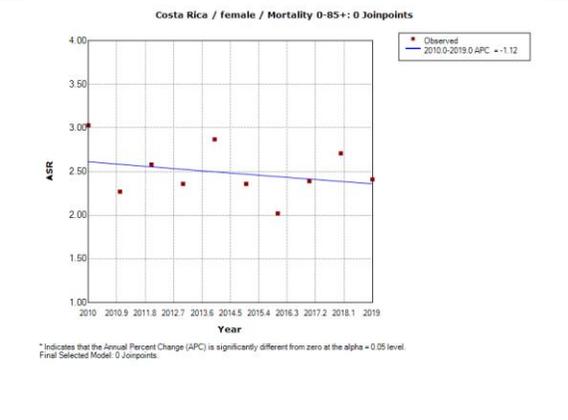
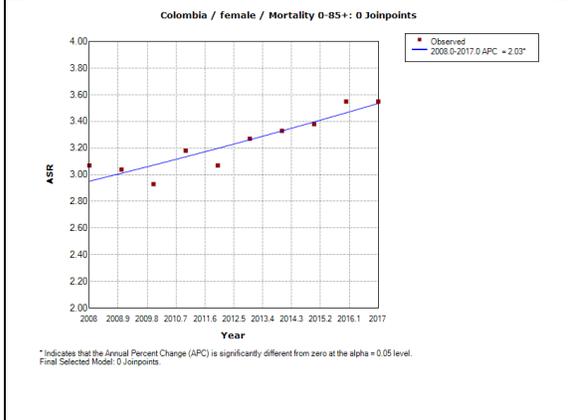
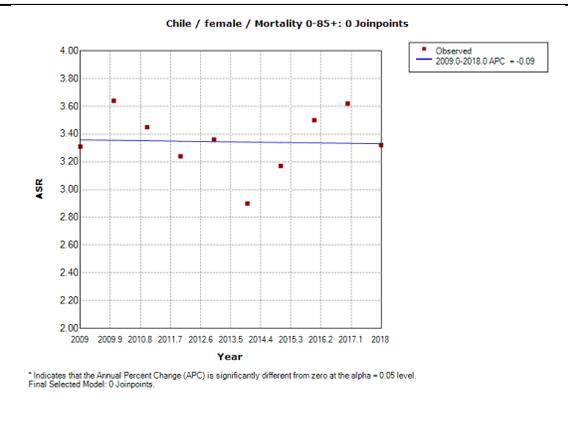
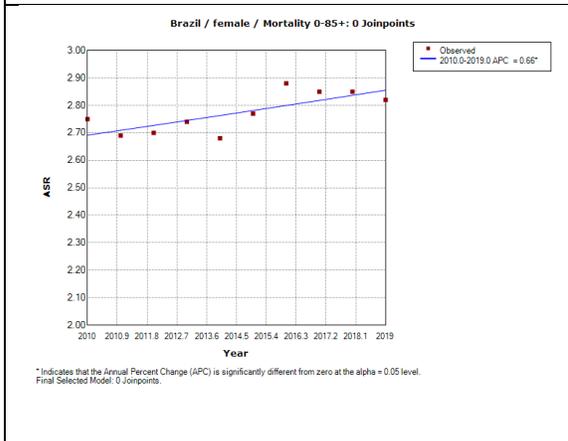


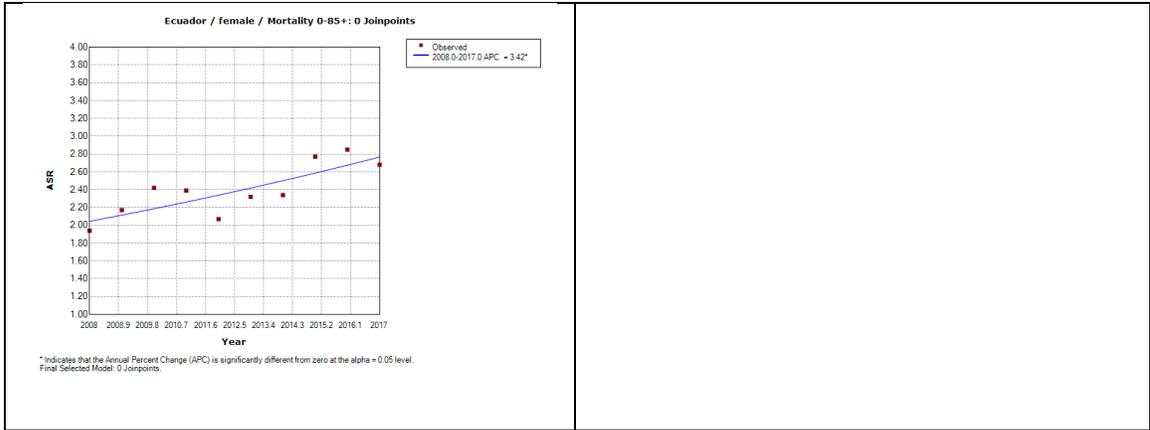
Northern America



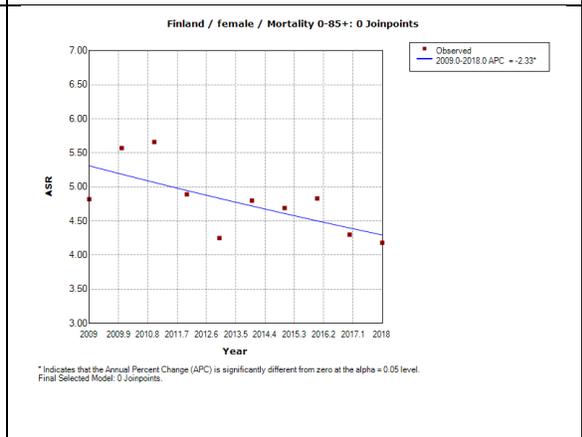
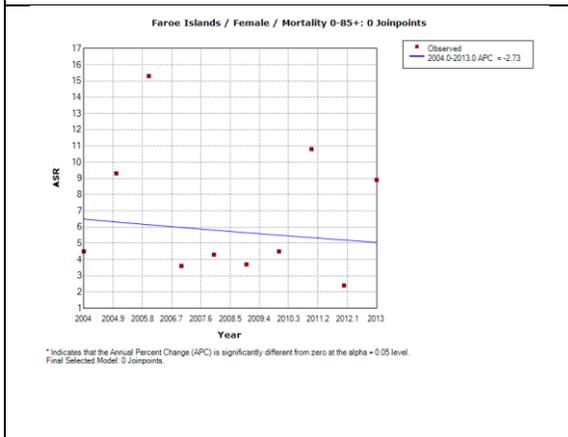
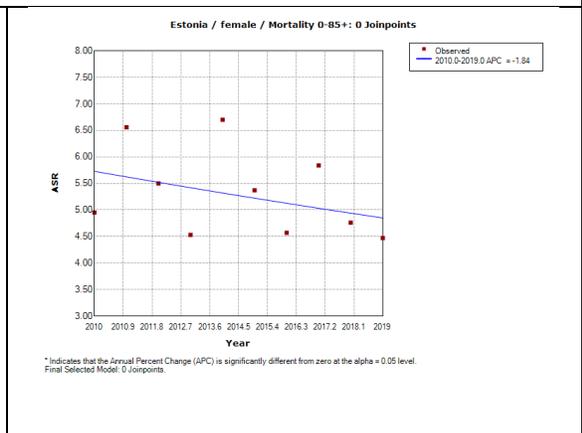
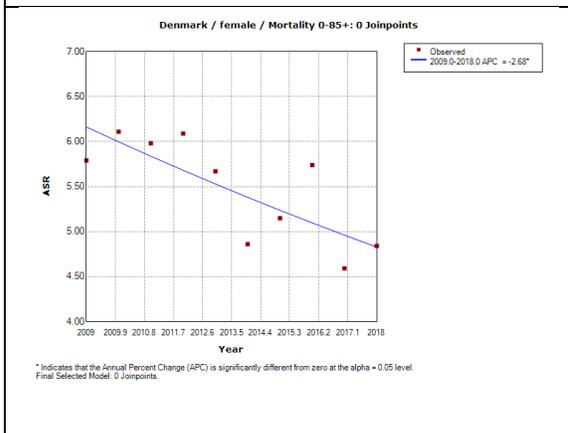


Southern America

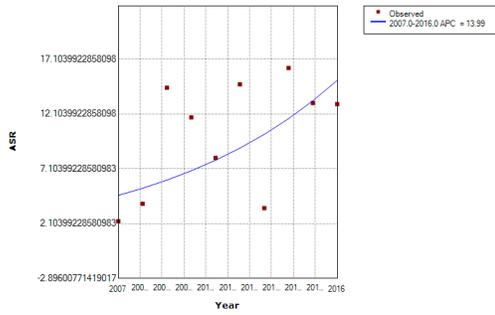




Northern Europe

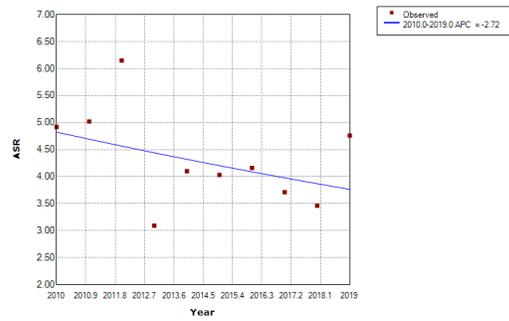


Greenland / Female / Mortality 0-85+: 0 Joinspoints



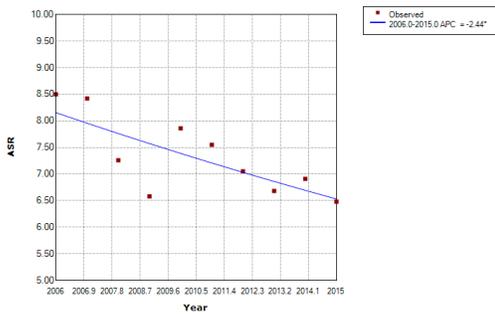
*Indicates that the Annual Percent Change (APC) is significantly different from zero at the alpha = 0.05 level.
Final Selected Model: 0 Joinspoints.

Iceland / Female / Mortality 0-85+: 0 Joinspoints



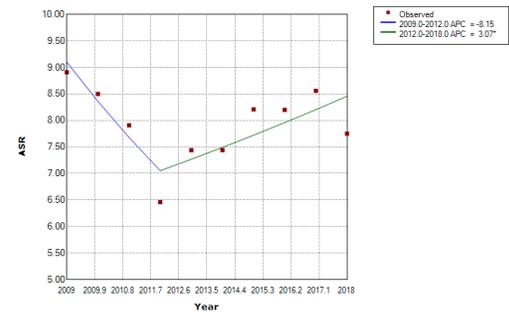
*Indicates that the Annual Percent Change (APC) is significantly different from zero at the alpha = 0.05 level.
Final Selected Model: 0 Joinspoints.

Ireland / female / Mortality 0-85+: 0 Joinspoints



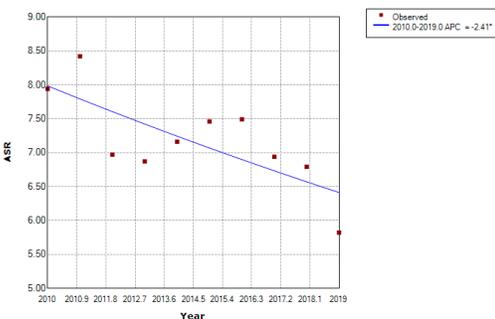
*Indicates that the Annual Percent Change (APC) is significantly different from zero at the alpha = 0.05 level.
Final Selected Model: 0 Joinspoints.

Latvia / female / Mortality 0-85+: 1 Joinspoint



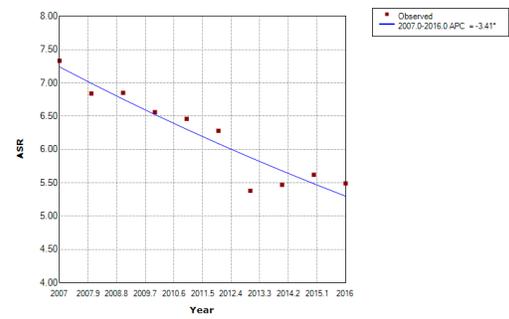
*Indicates that the Annual Percent Change (APC) is significantly different from zero at the alpha = 0.05 level.
Final Selected Model: 1 Joinspoint.

Lithuania / female / Mortality 0-85+: 0 Joinspoints

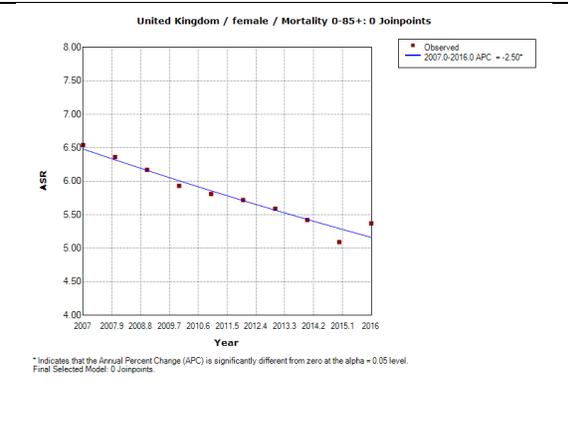
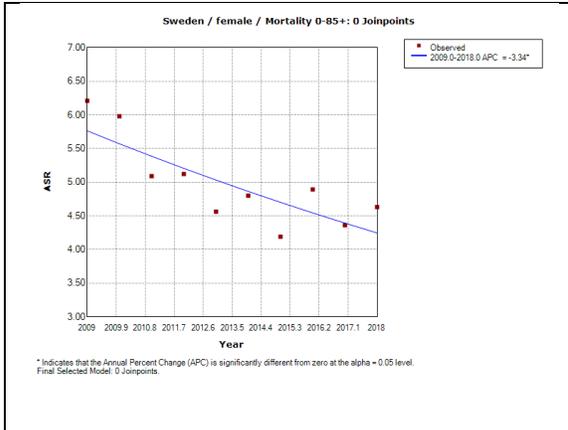


*Indicates that the Annual Percent Change (APC) is significantly different from zero at the alpha = 0.05 level.
Final Selected Model: 0 Joinspoints.

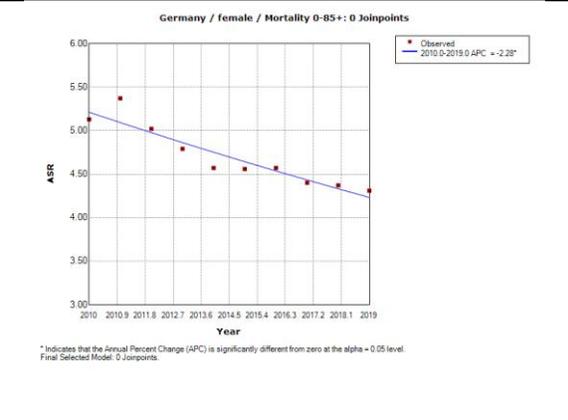
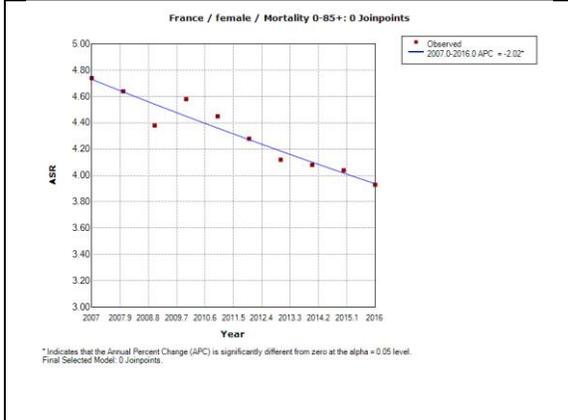
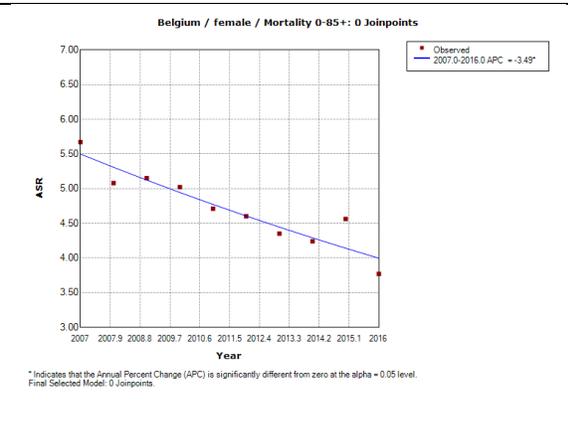
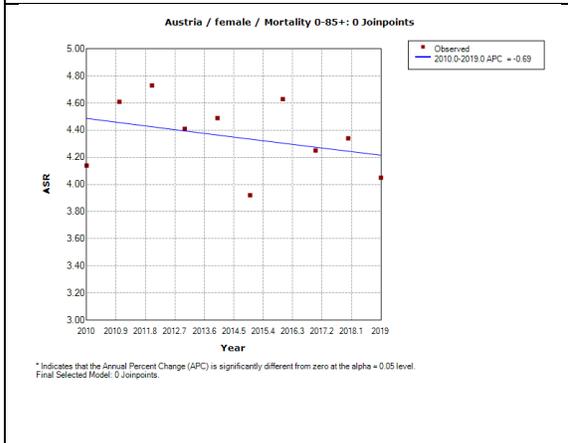
Norway / female / Mortality 0-85+: 0 Joinspoints

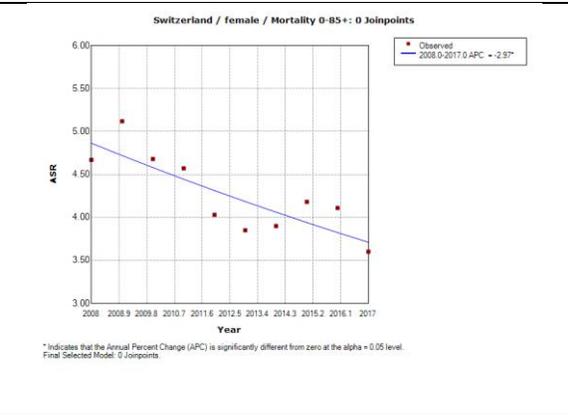
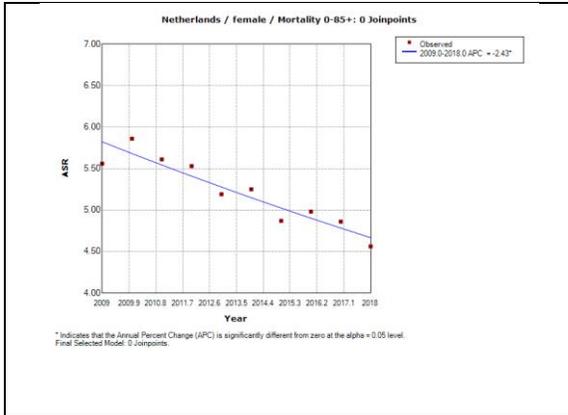


*Indicates that the Annual Percent Change (APC) is significantly different from zero at the alpha = 0.05 level.
Final Selected Model: 0 Joinspoints.

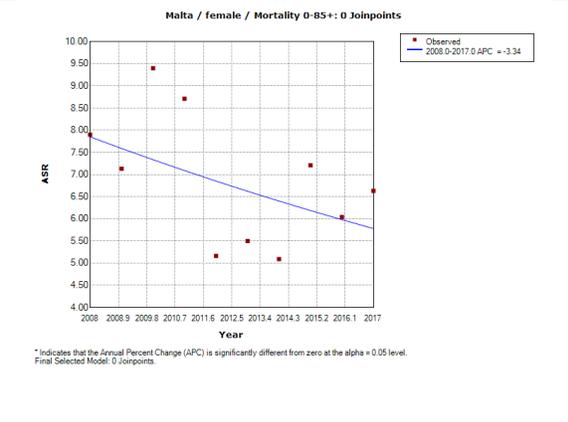
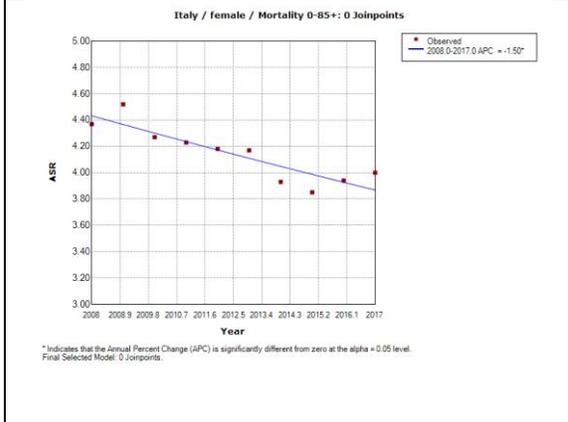
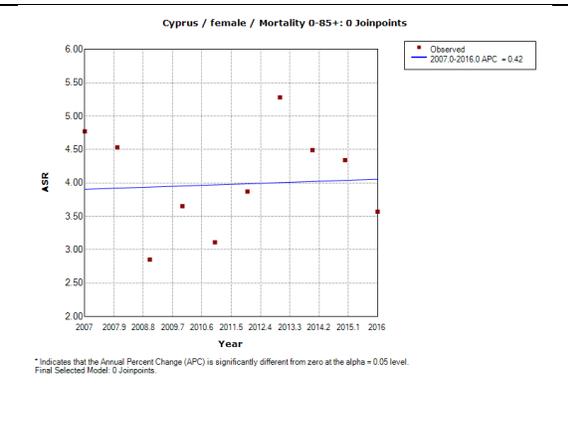
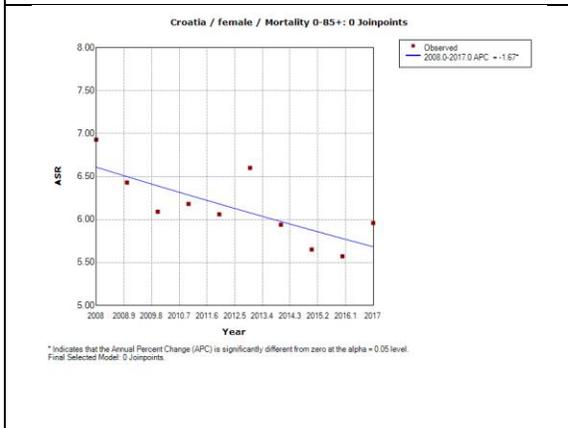


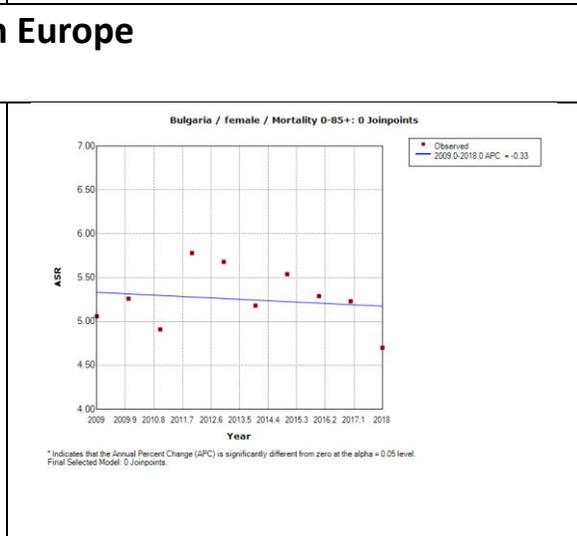
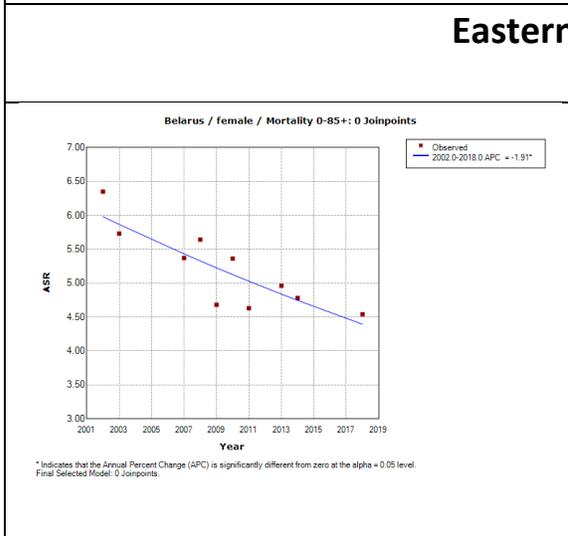
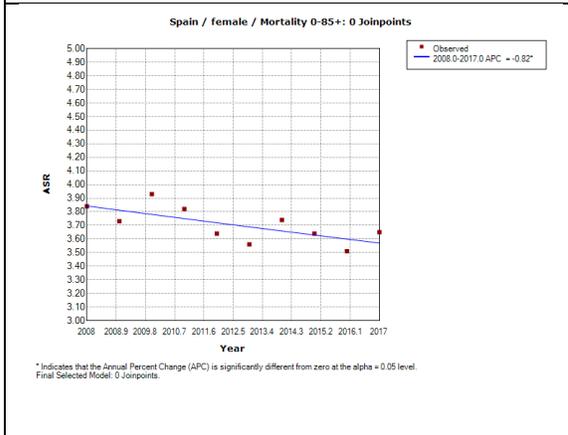
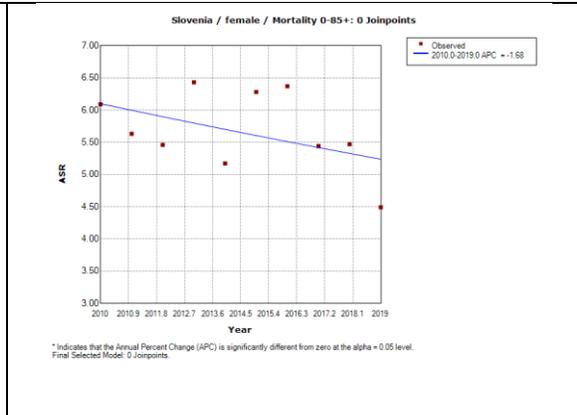
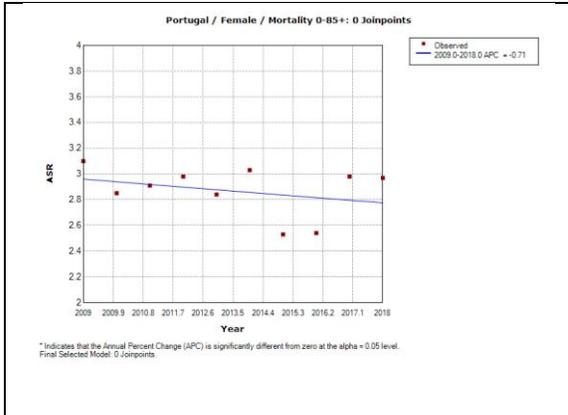
Western Europe

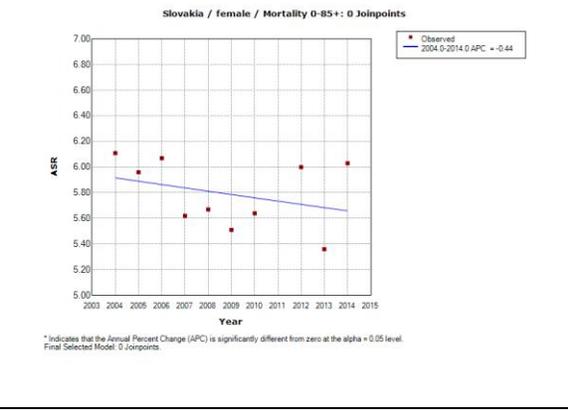
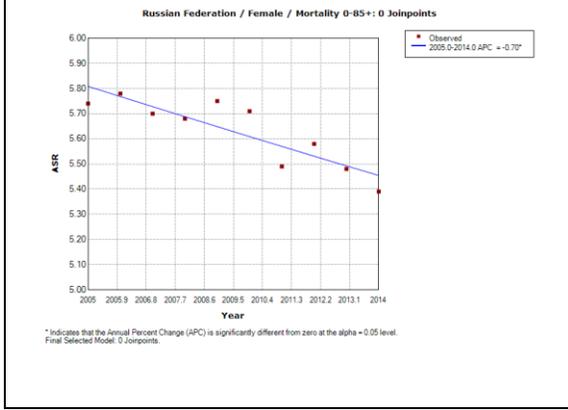
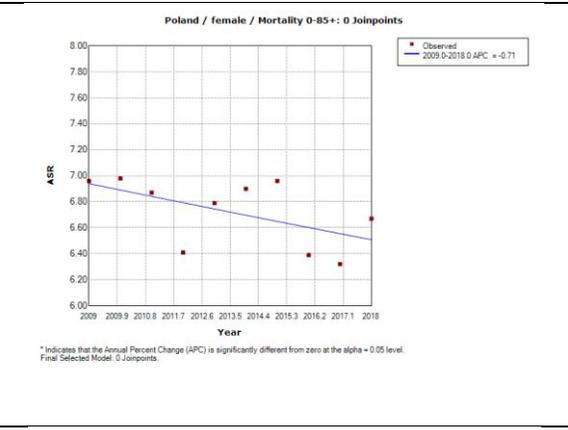
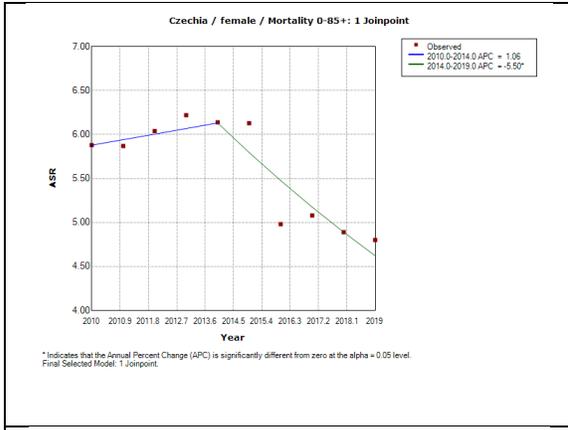




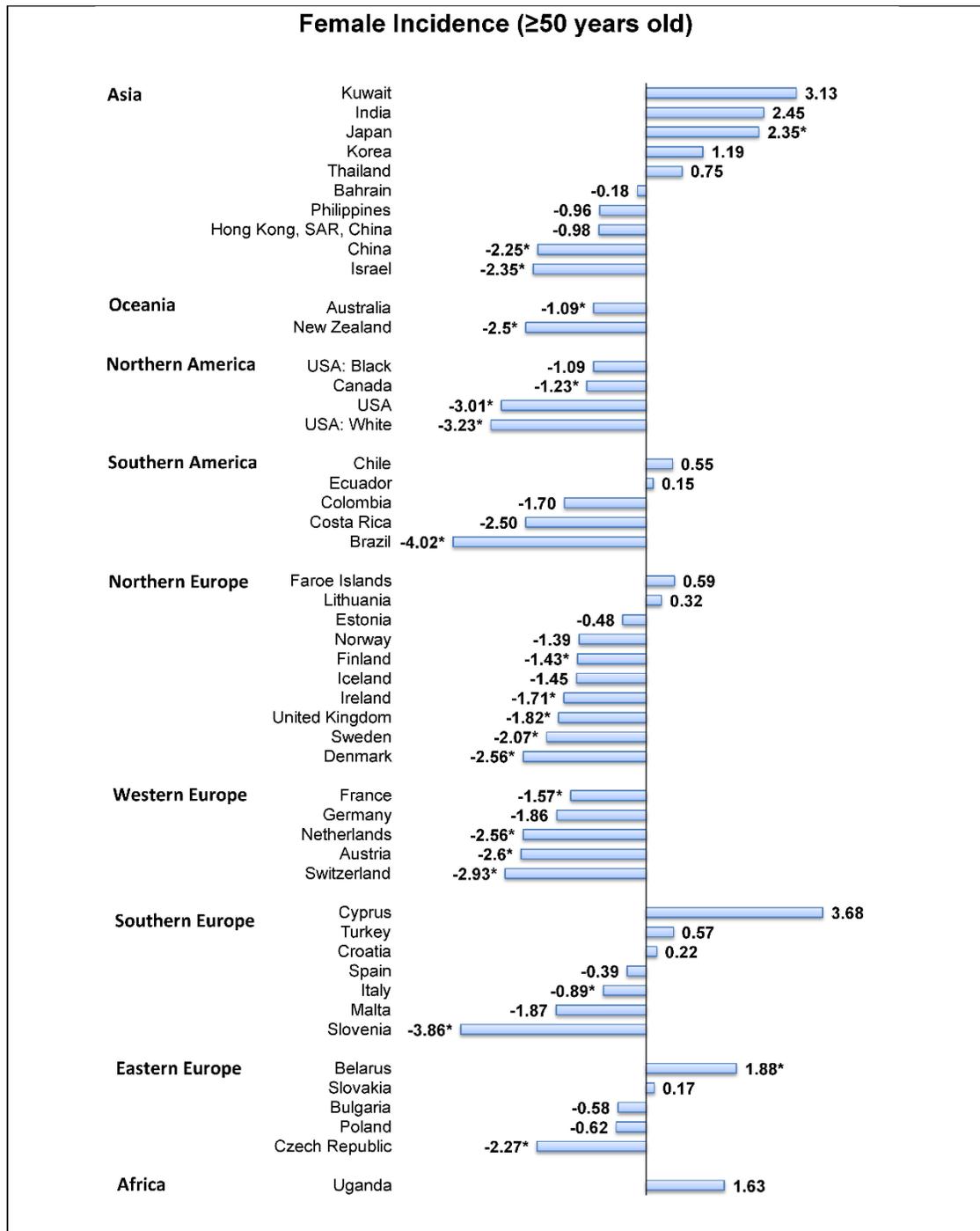
Southern Europe



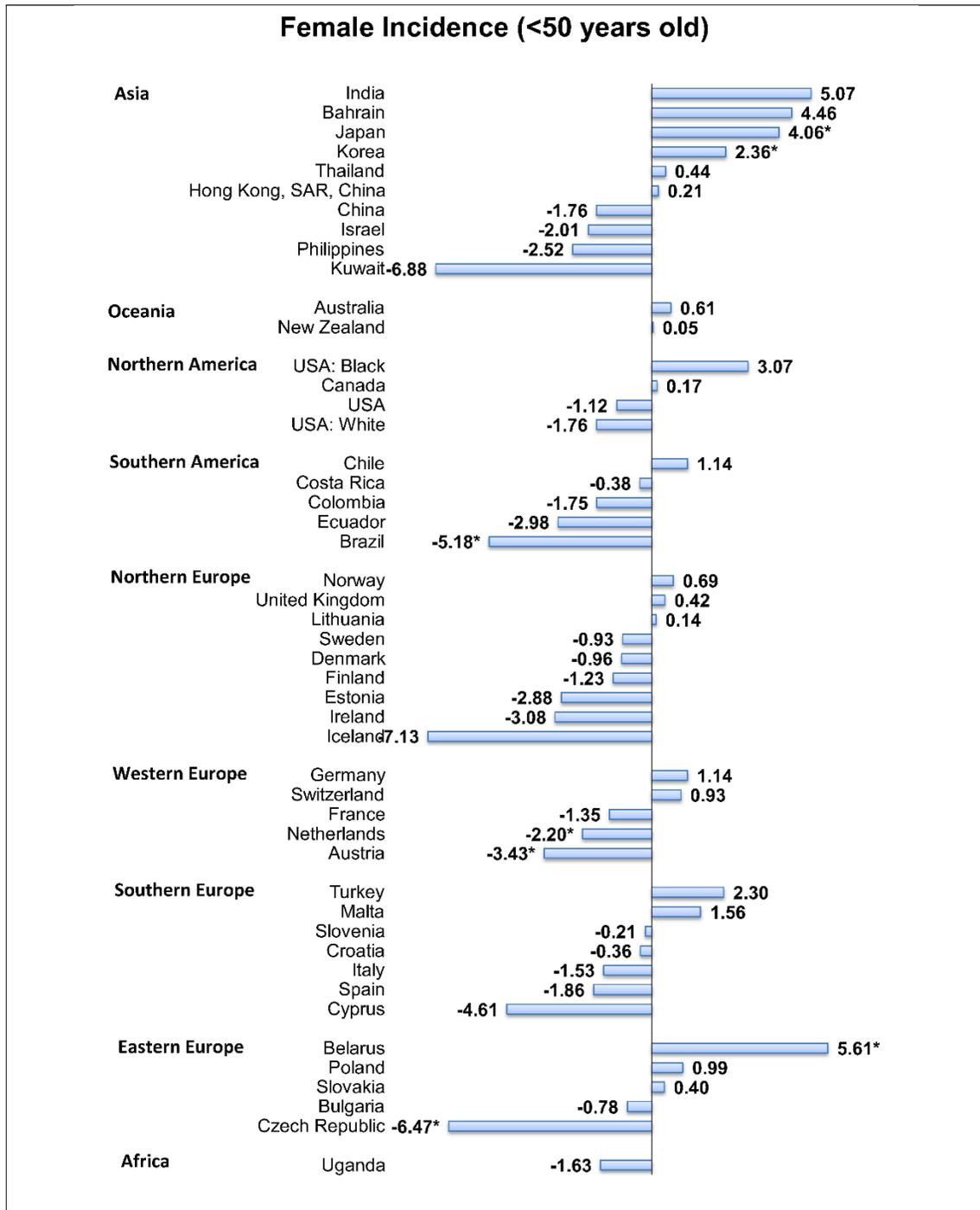




Supplementary Figure S3. AAPC of incidence of ovarian cancer aged 50 years and older



Supplementary Figure S4. AAPC of incidence of ovarian cancer aged < 50 years old



Supplementary Figure S5. AAPC of incidence of ovarian cancer aged < 40 years old

