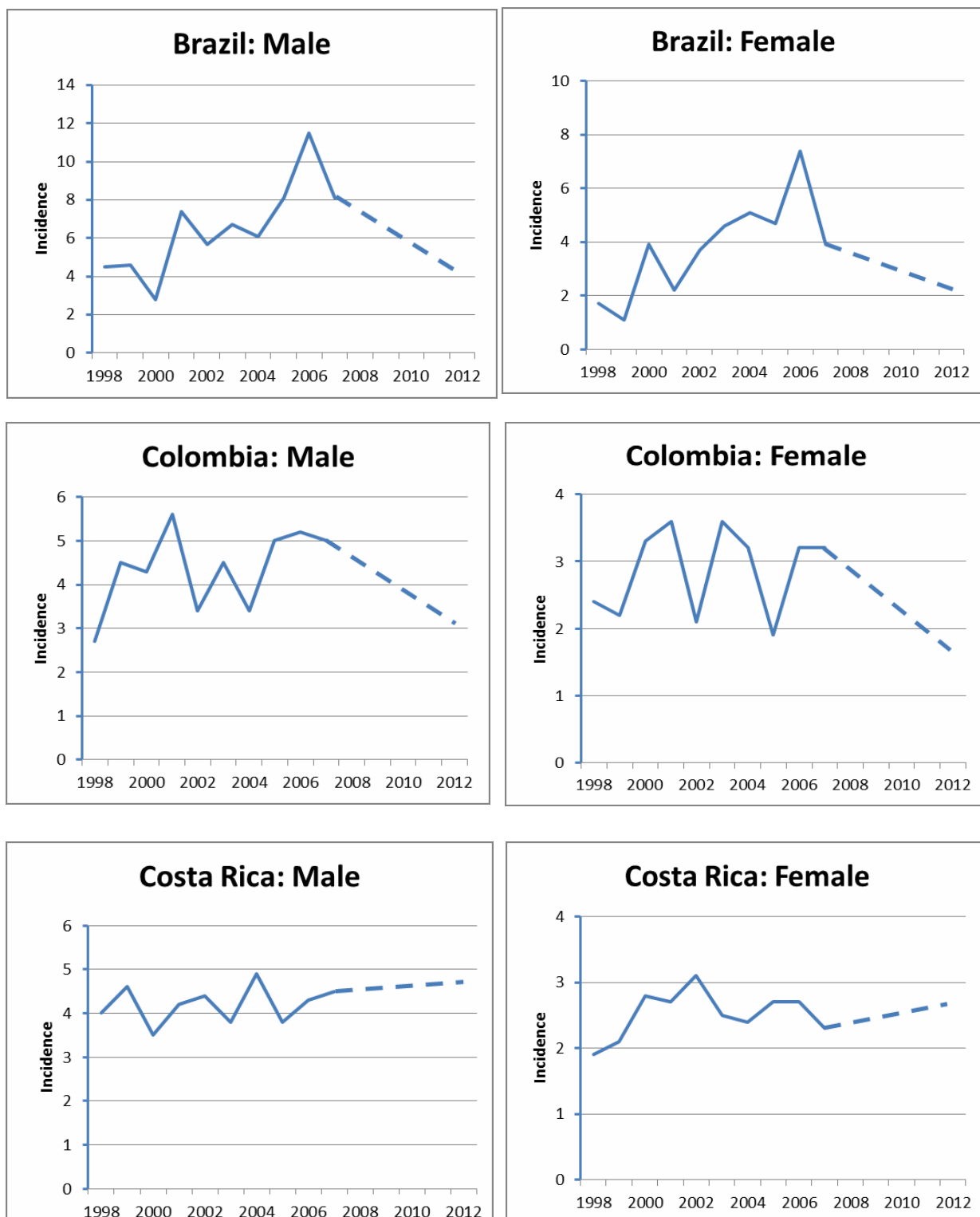


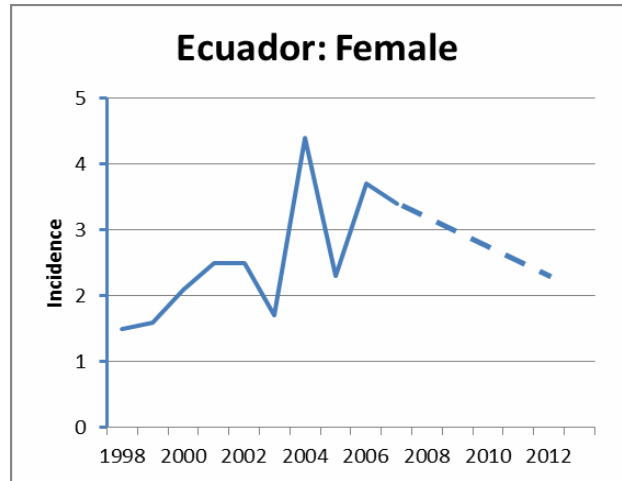
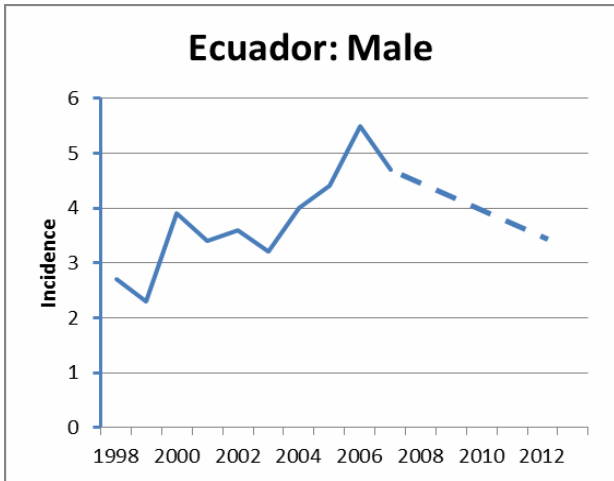
Incidence and mortality of kidney cancer: temporal patterns and global trends in 38 countries

Martin CS Wong MD, MPH, Bill W Goggins DSc (Harvard), Benjamin HK Yip PhD, Franklin DH Fung BSc, Colette Leung BSc, Yuan Fang PhD, Samuel YS Wong MD, MPH (Johns Hopkins), CF Ng MD

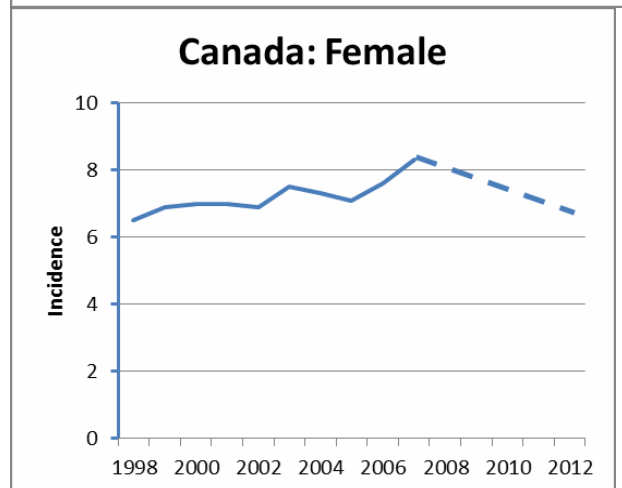
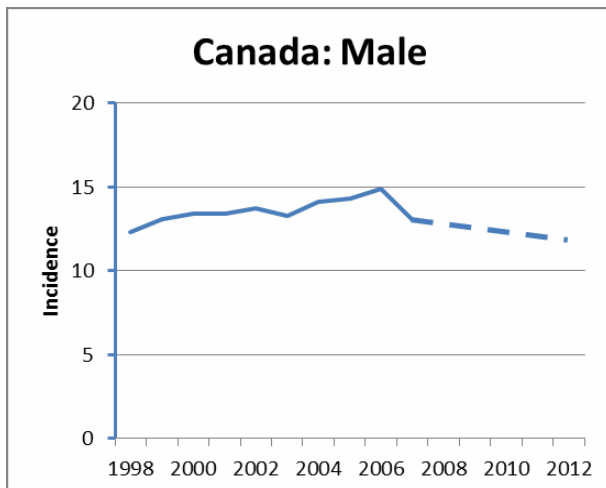
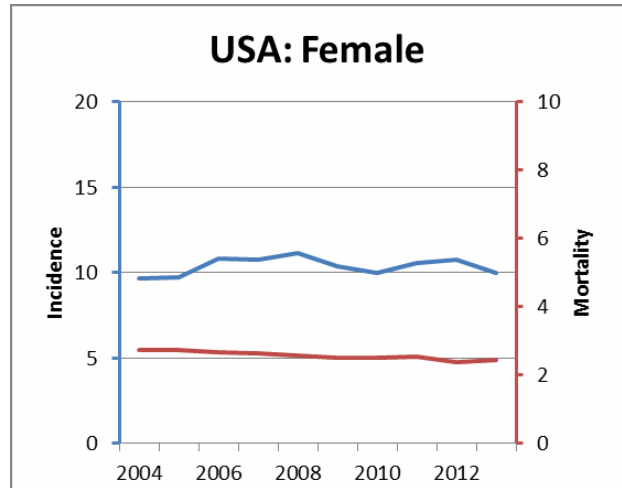
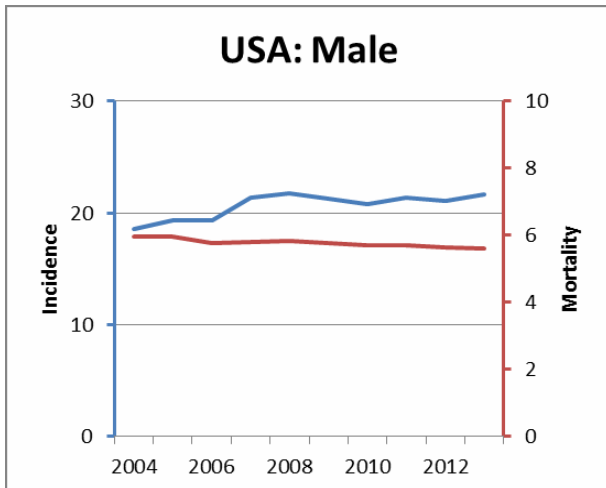
Supplementary Figure 1 Temporal trends in the age-standardized incidence and mortality of kidney cancer according to country and gender

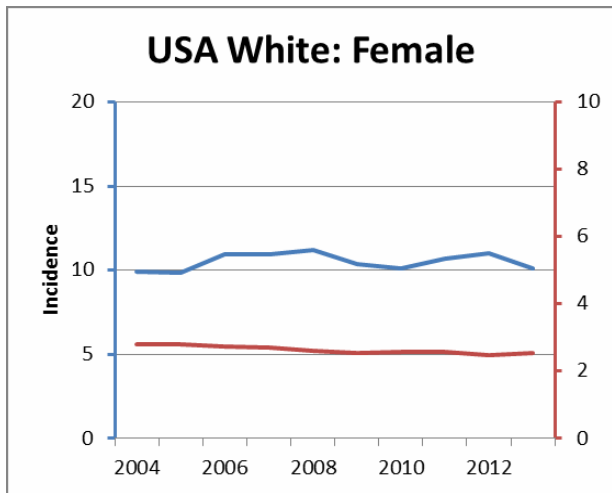
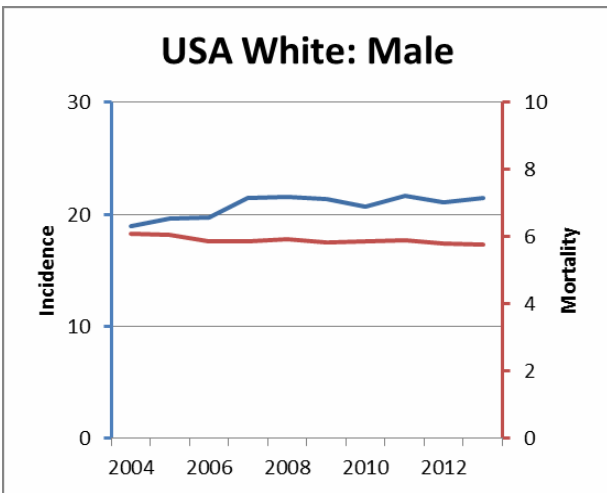
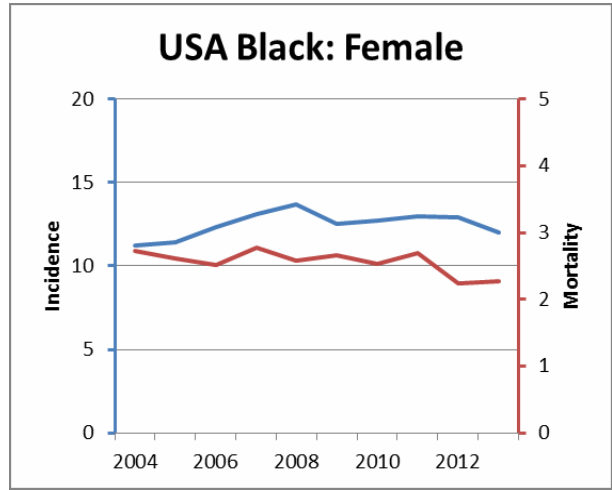
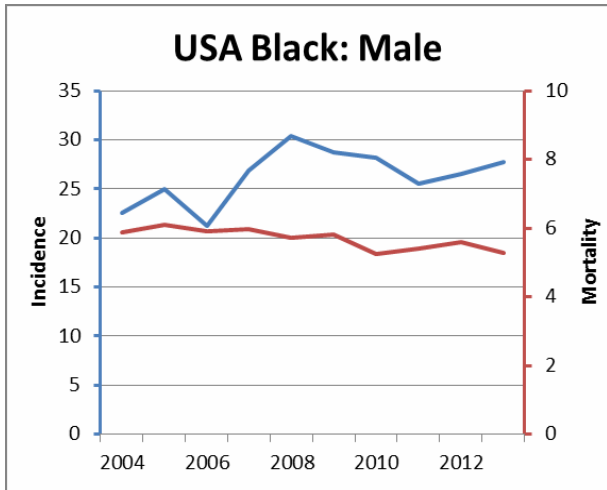
1). Latin America and the Caribbean



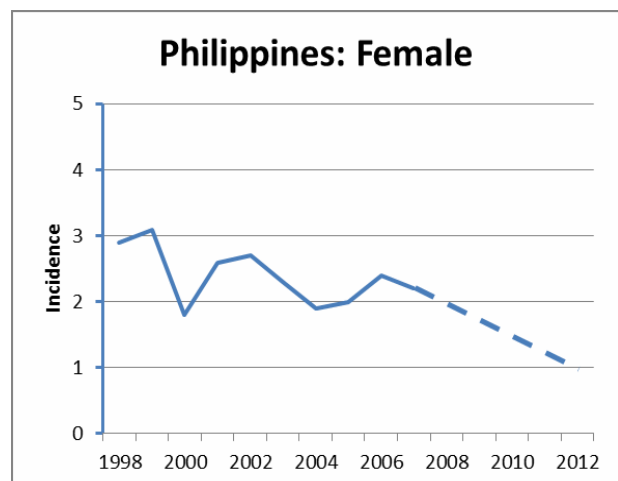
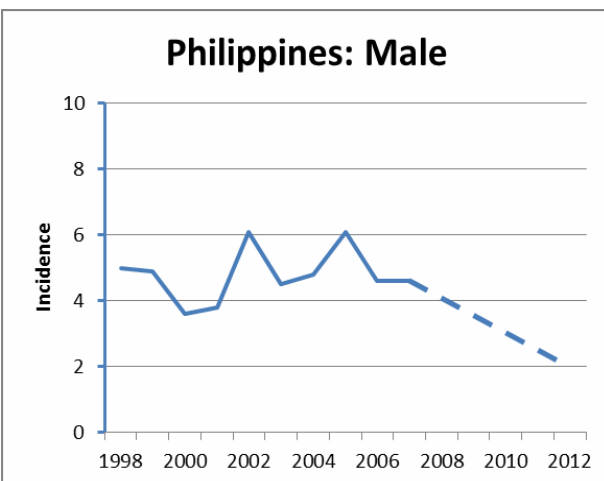
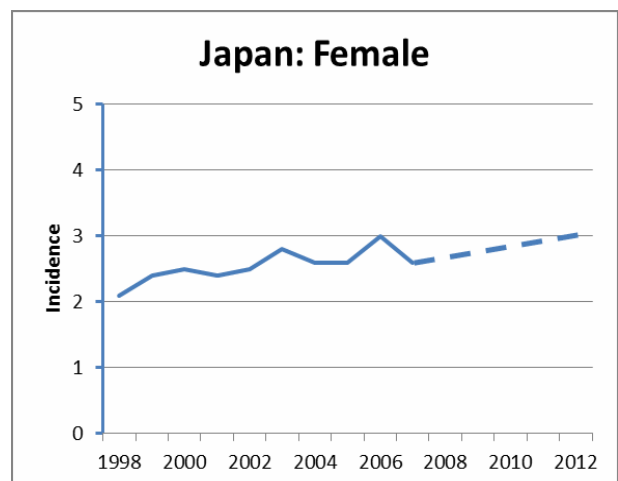
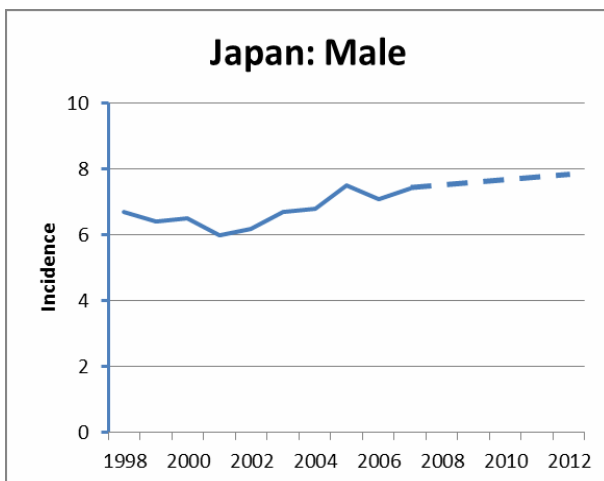
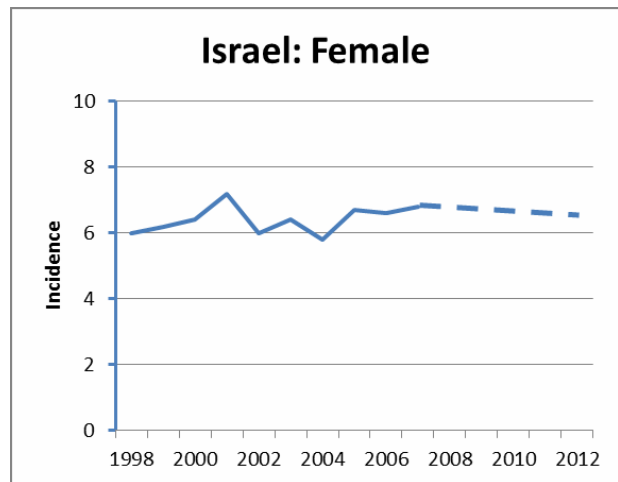
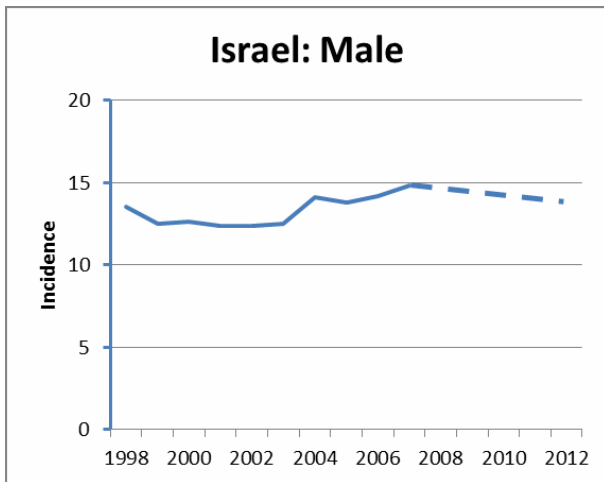


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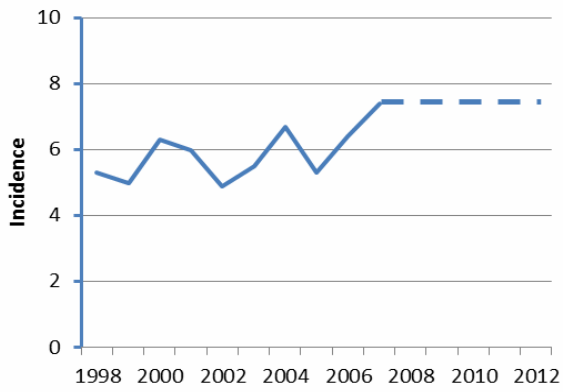




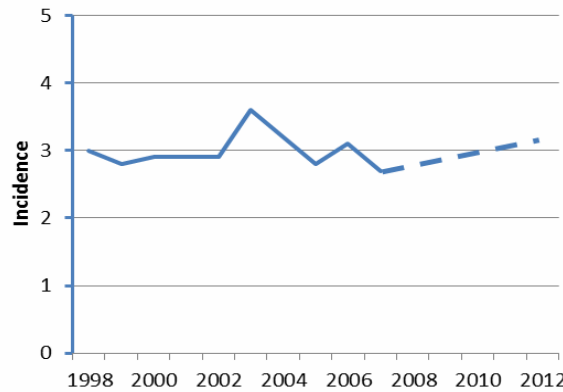
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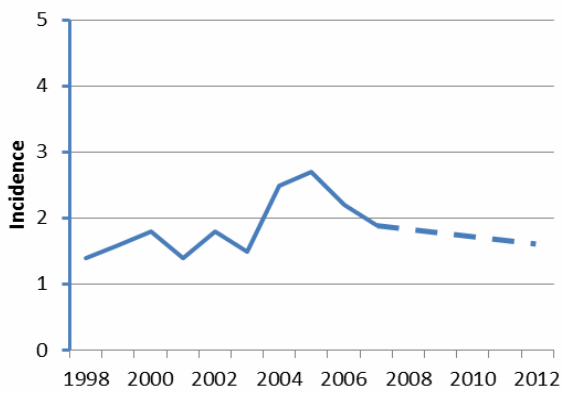
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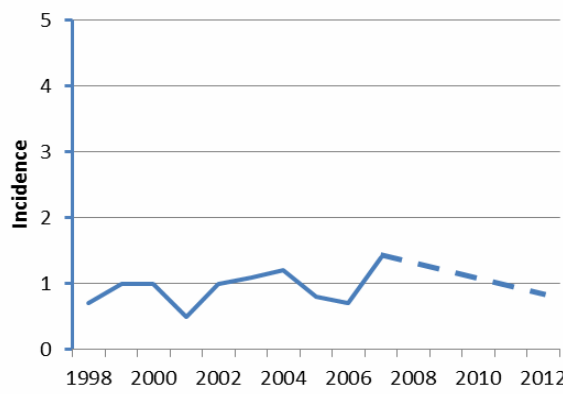
Singapore: Female



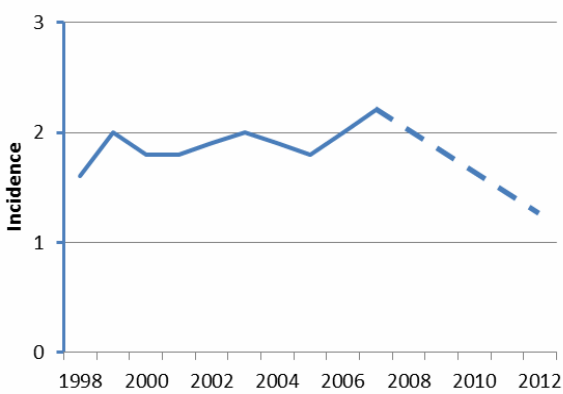
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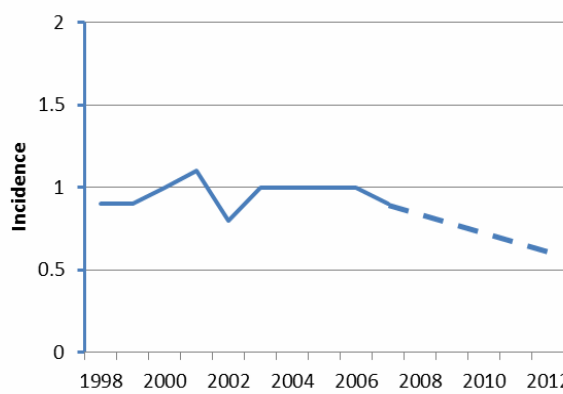
Thailand: Female

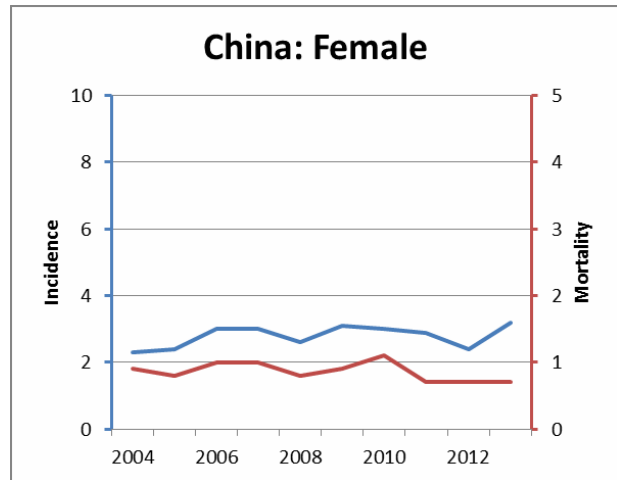
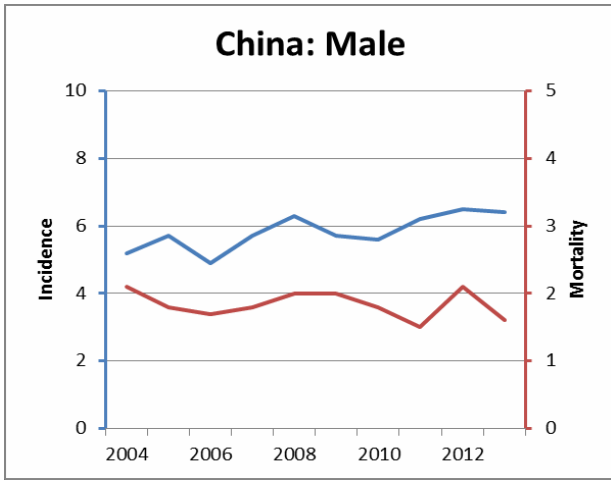


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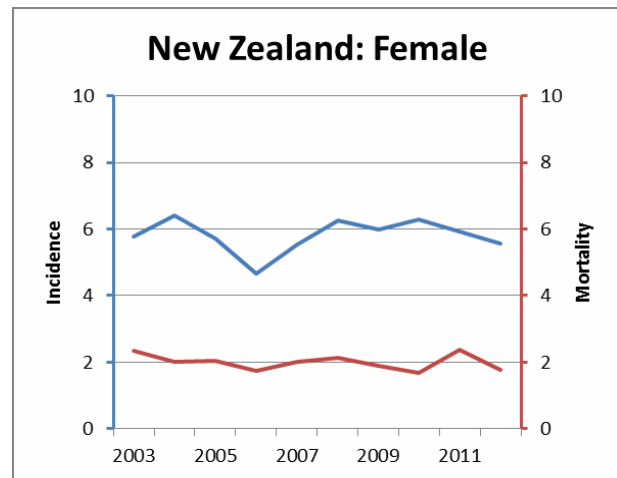
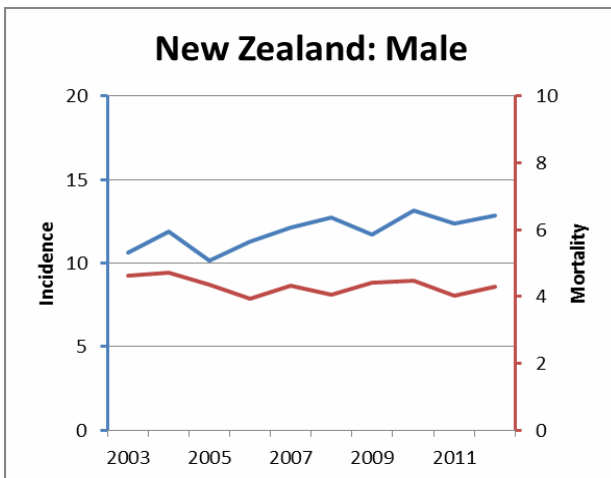
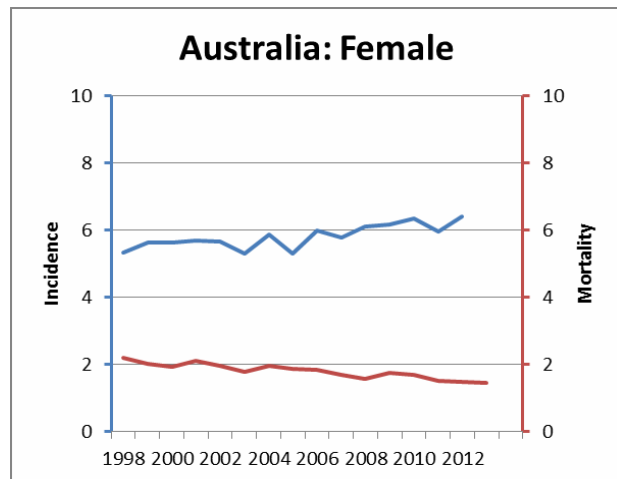
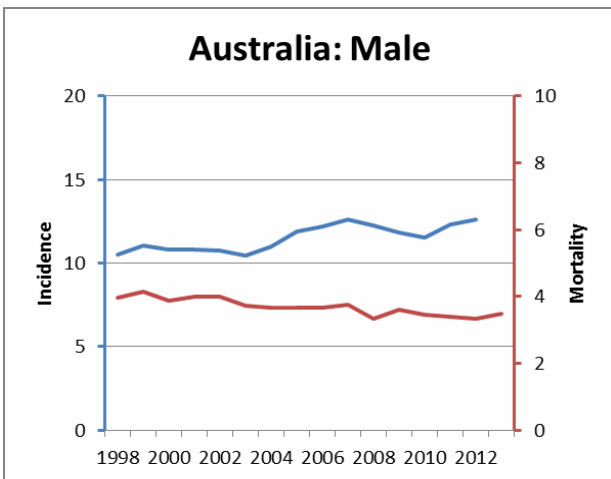


India: Female

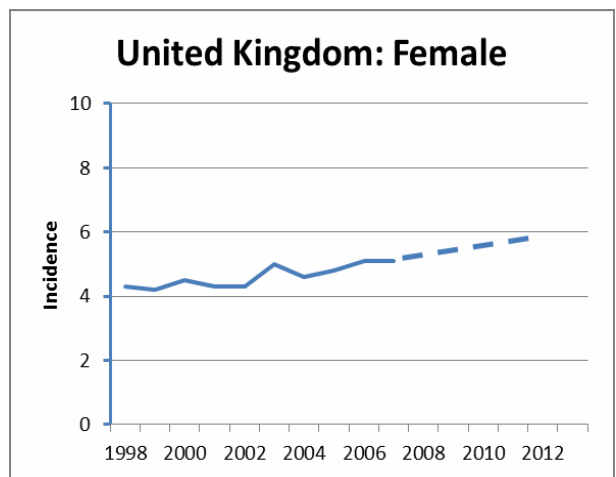
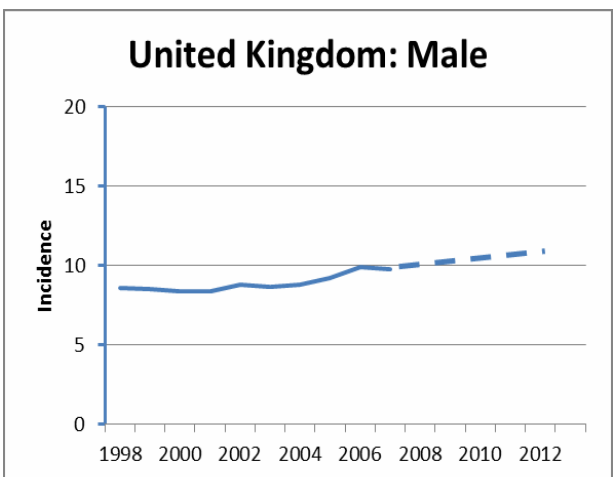
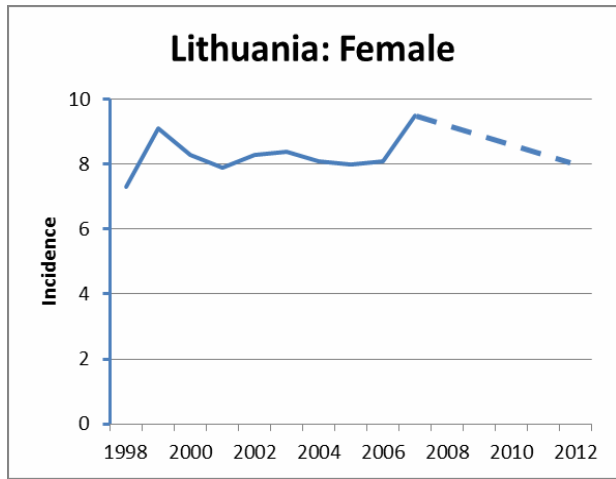
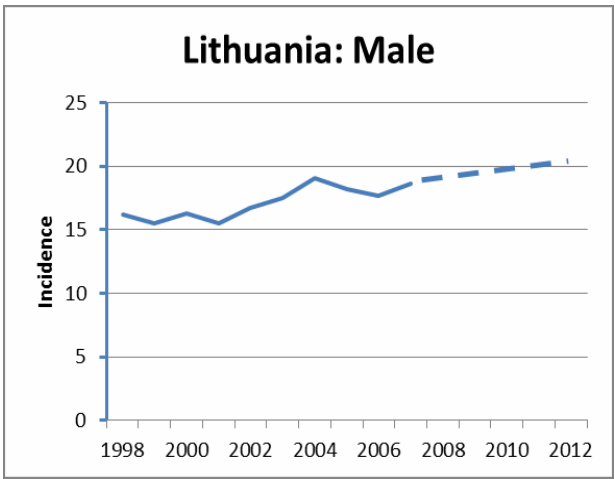
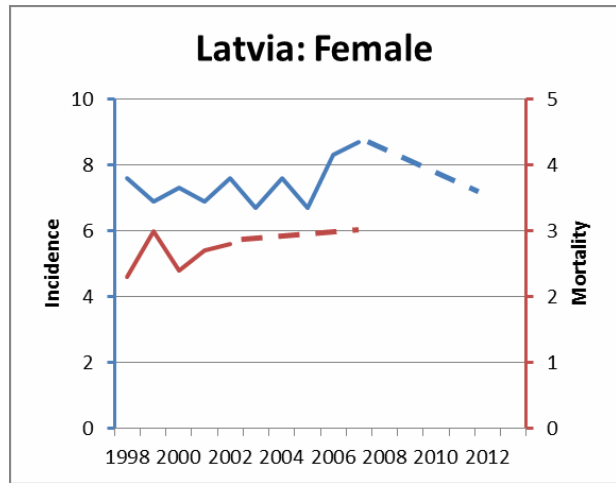
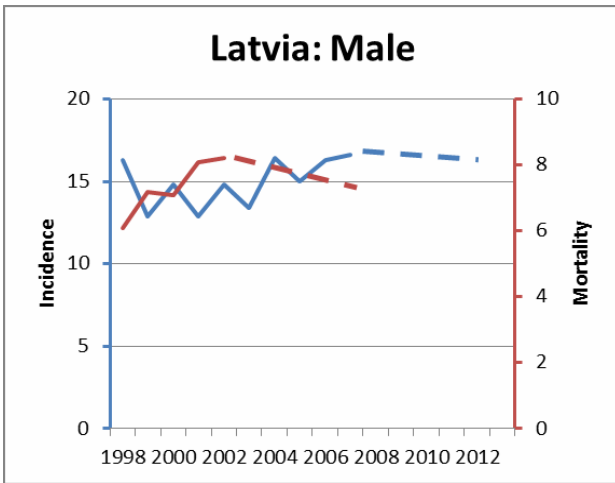


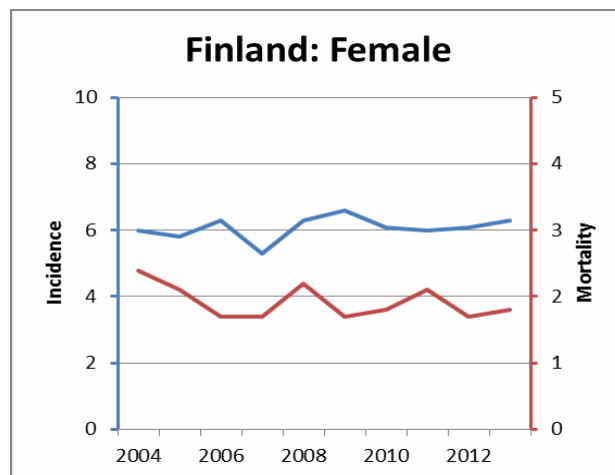
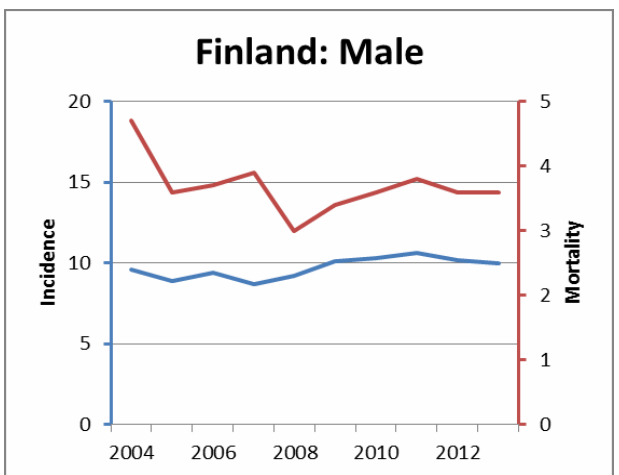
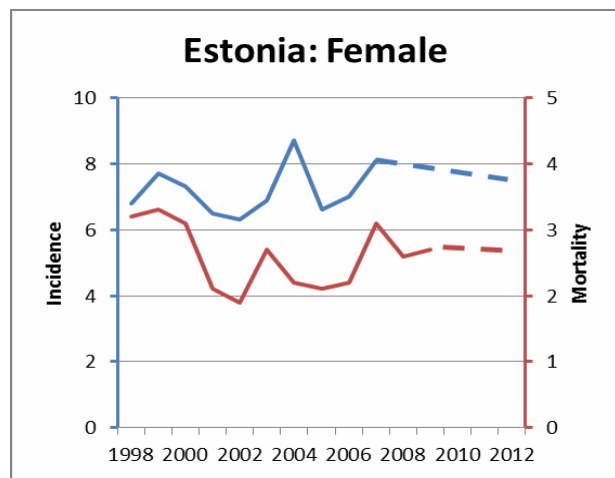
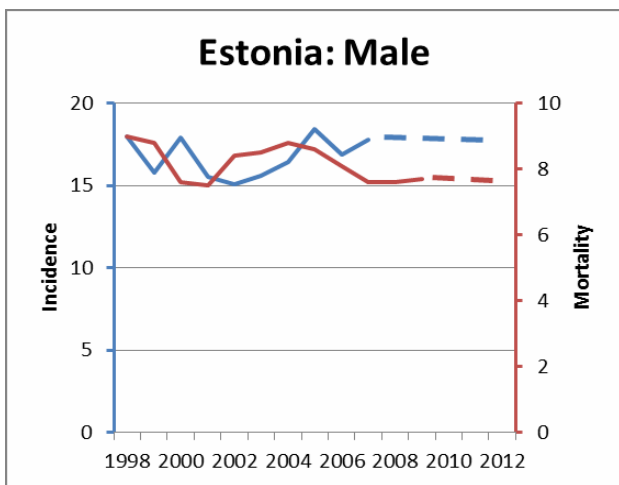
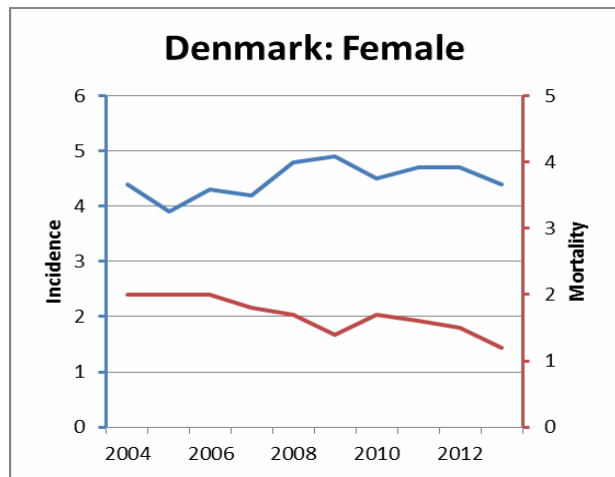
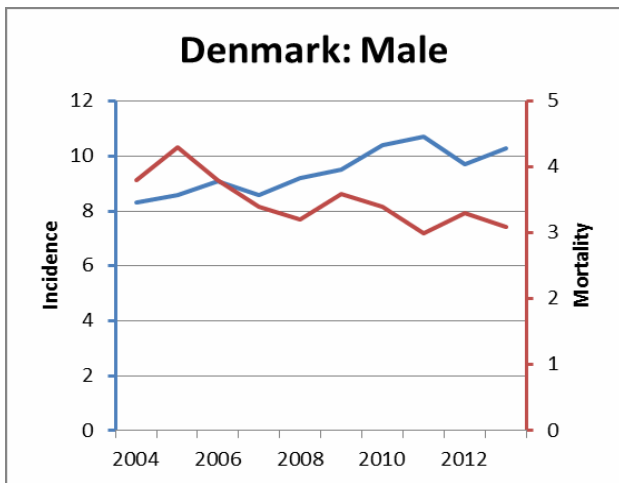


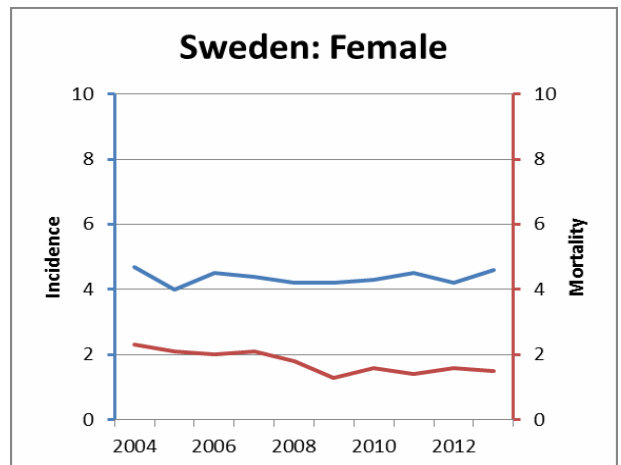
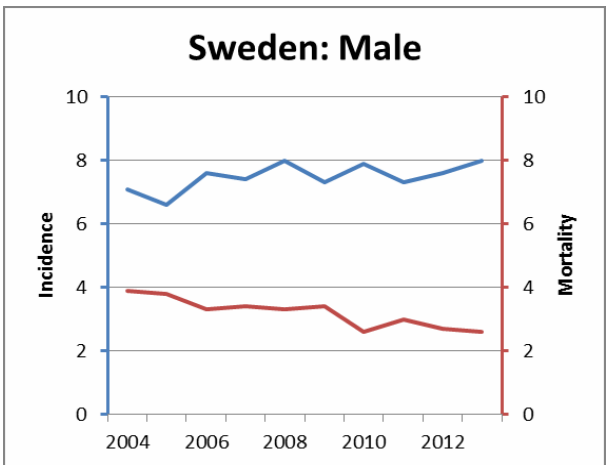
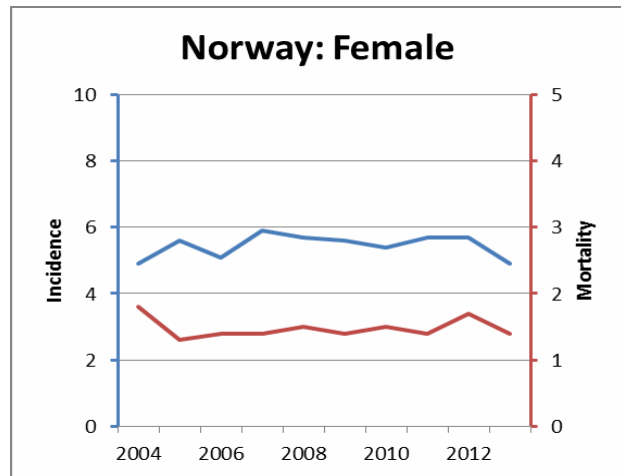
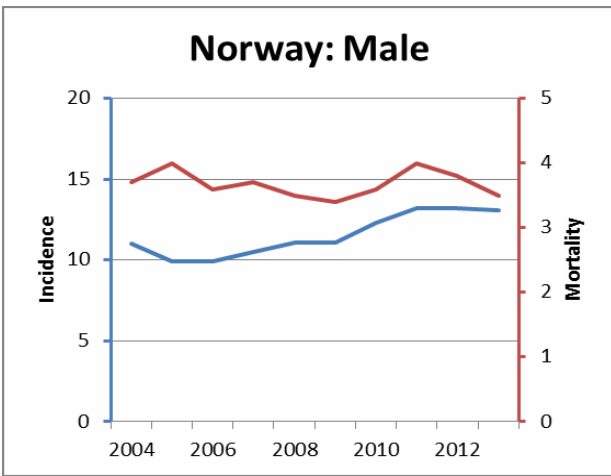
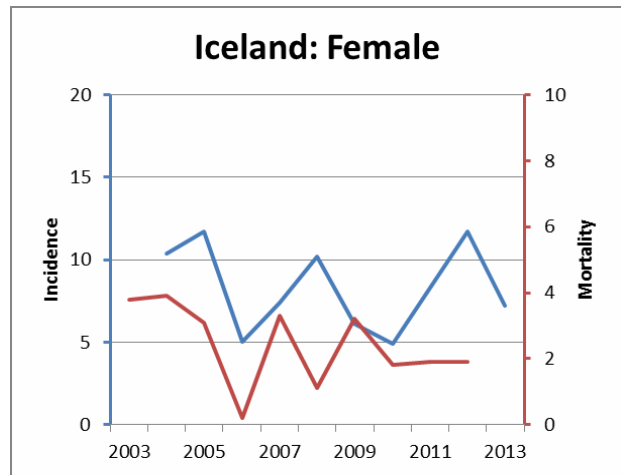
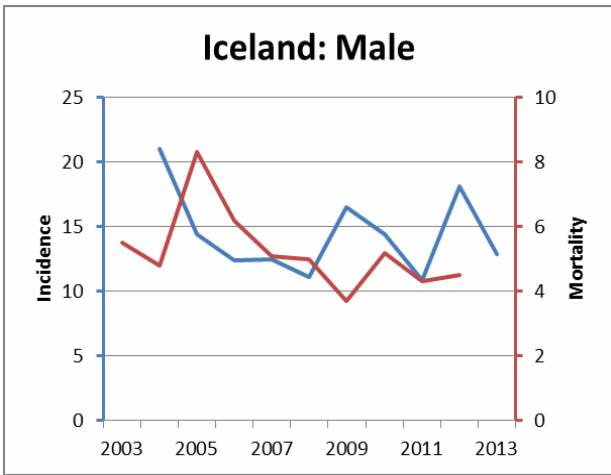
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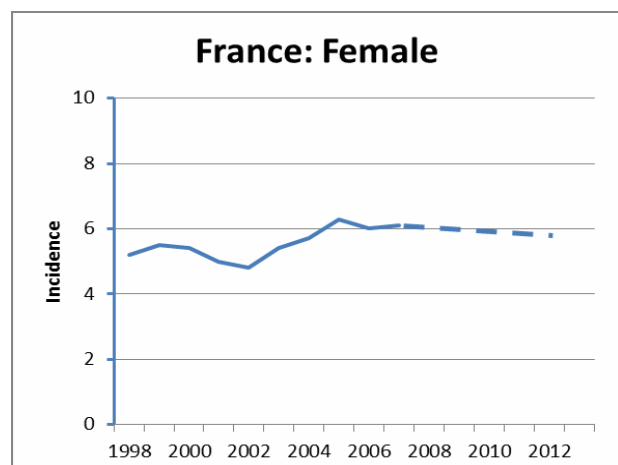
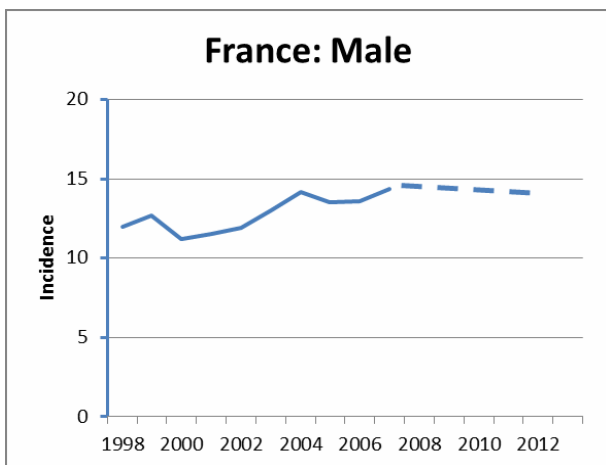
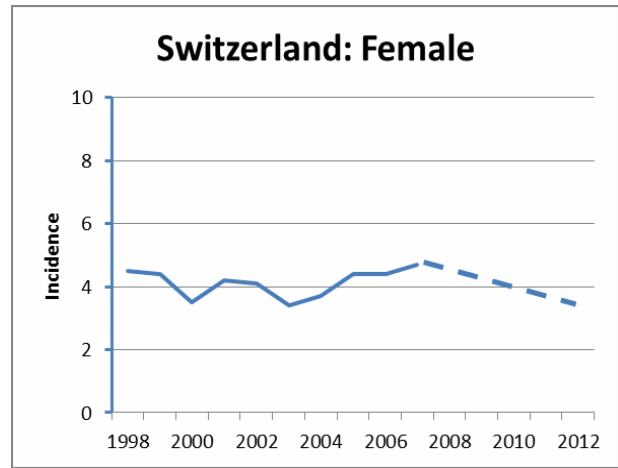
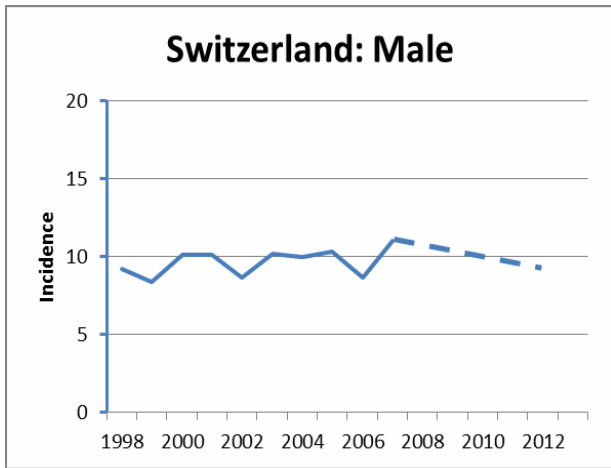
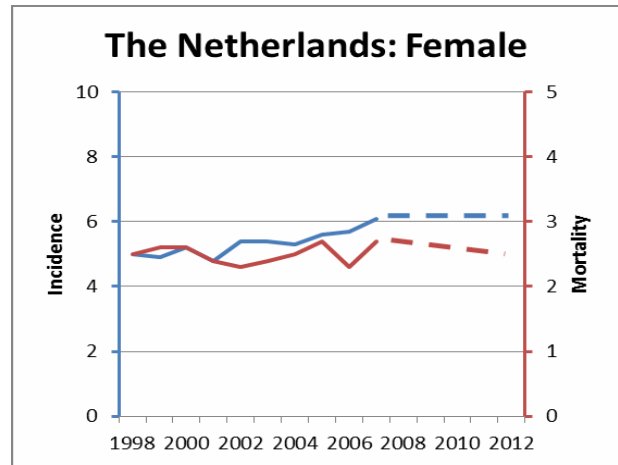
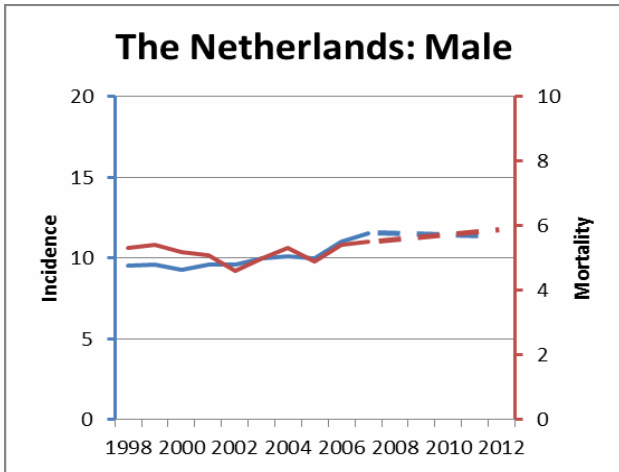
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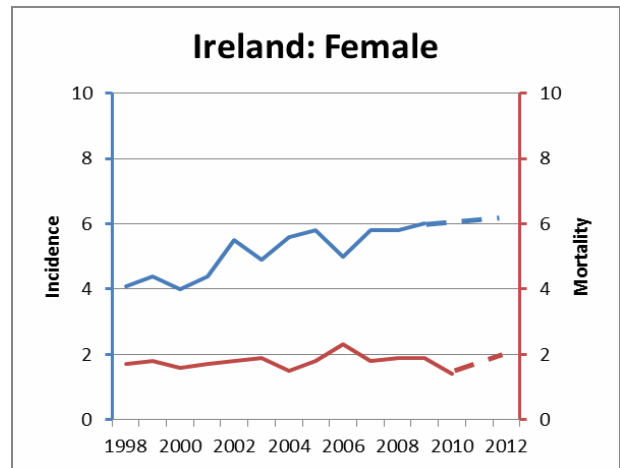
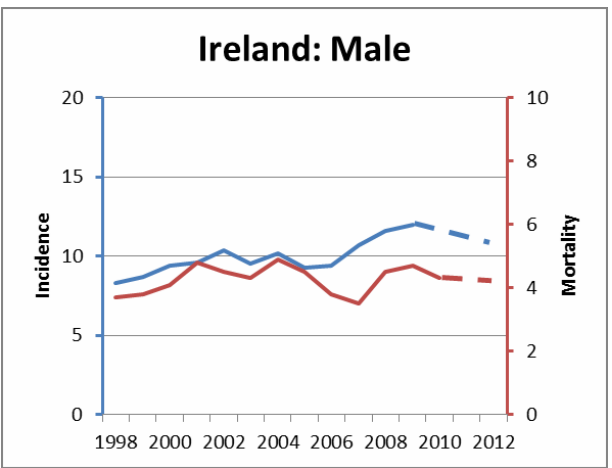
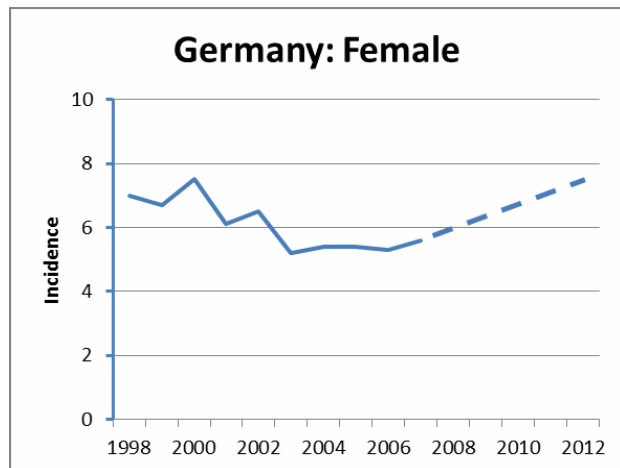
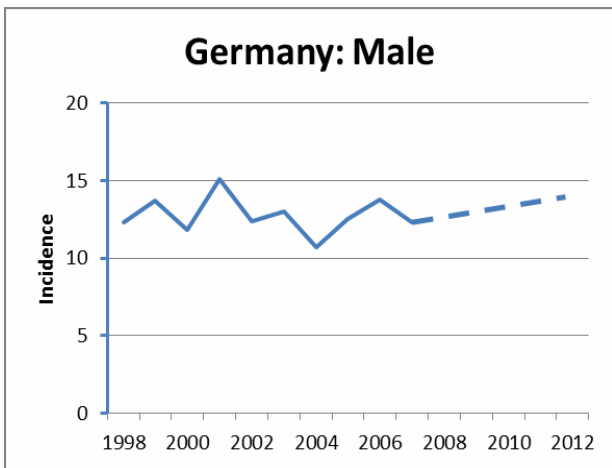
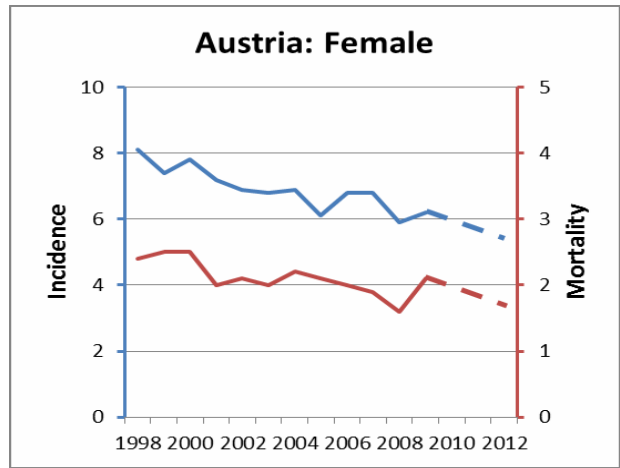
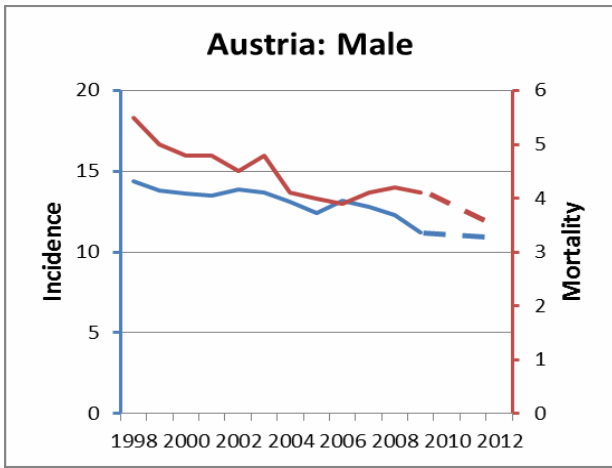




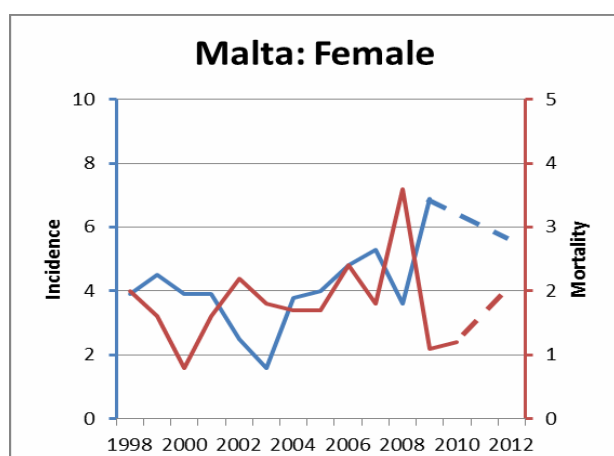
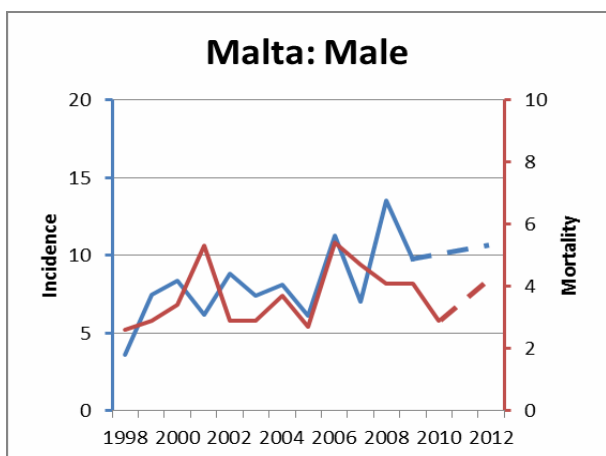
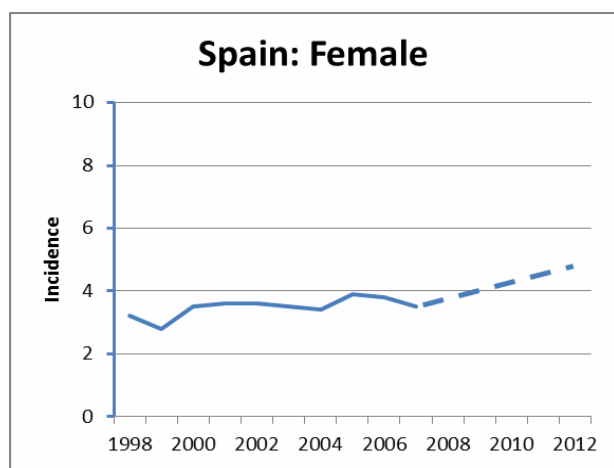
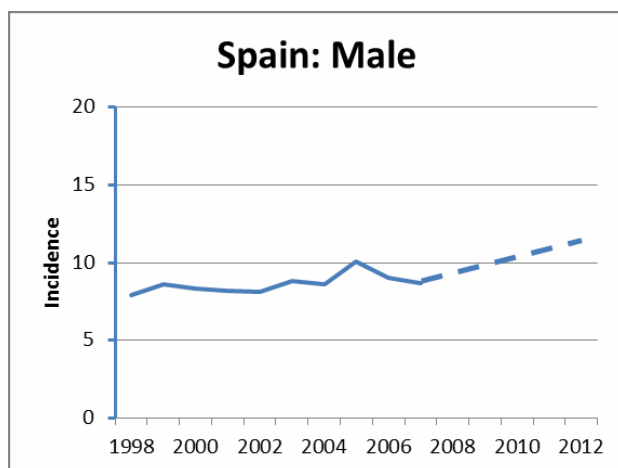
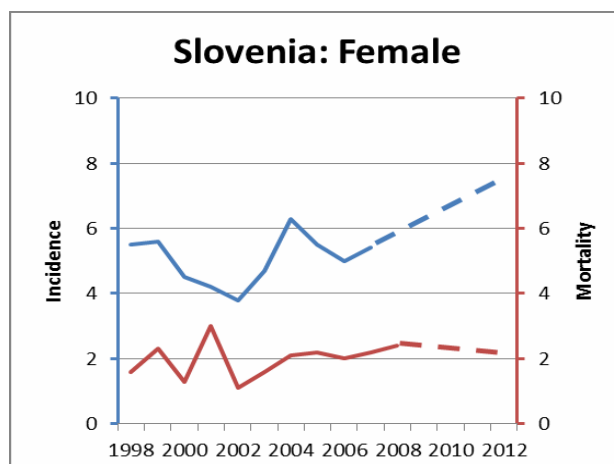
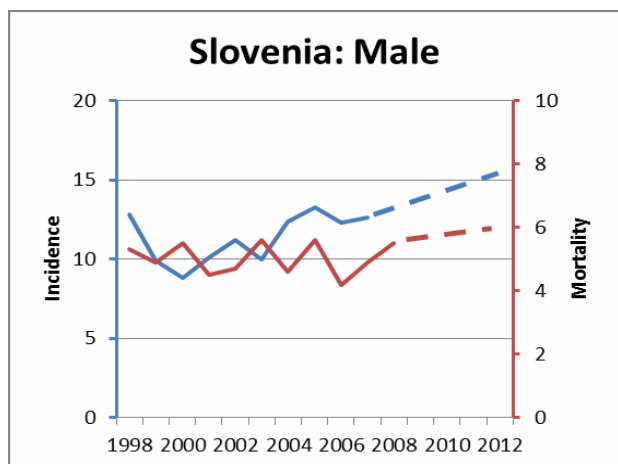


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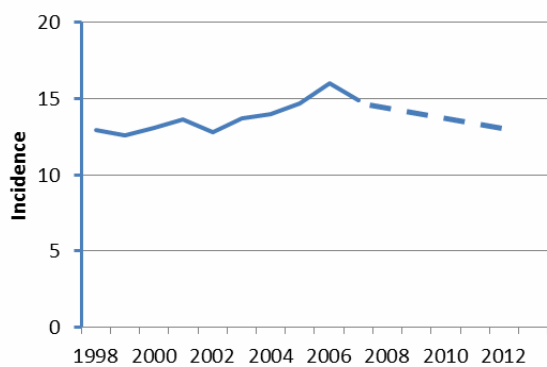




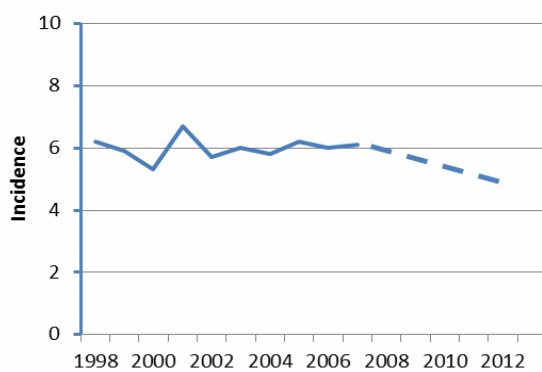
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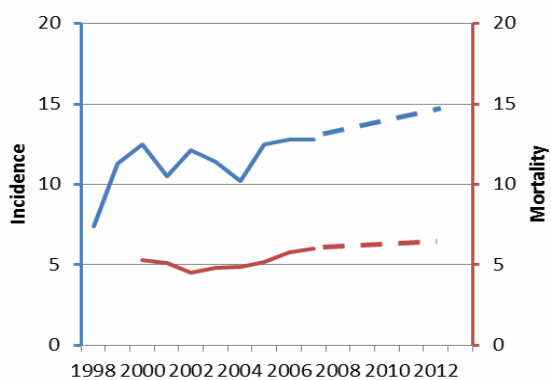
Italy: Male



Italy: Female



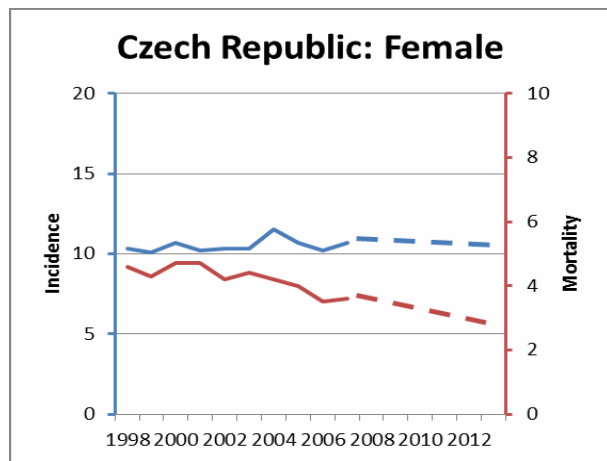
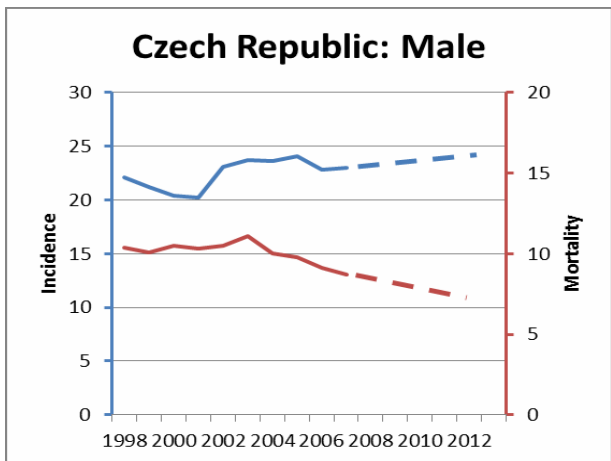
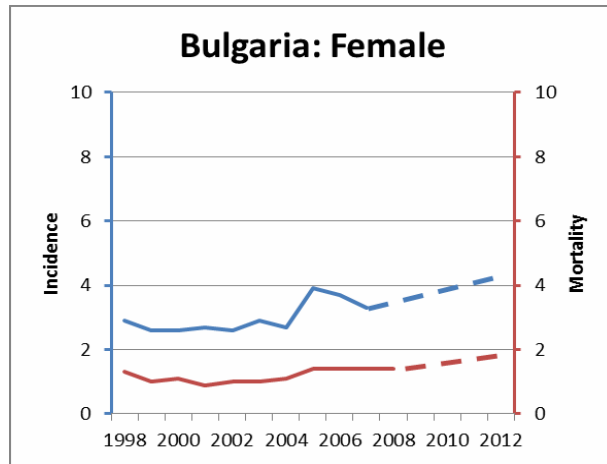
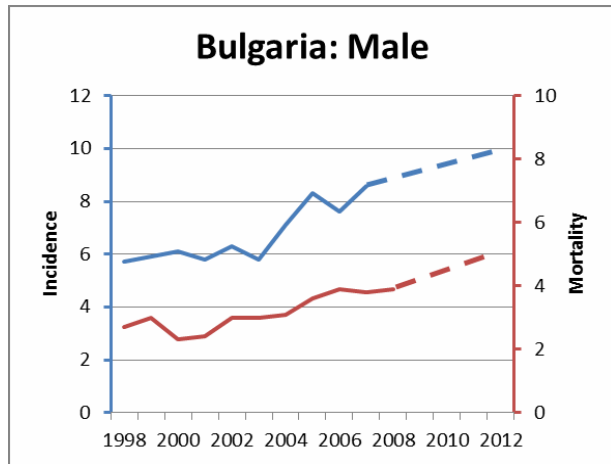
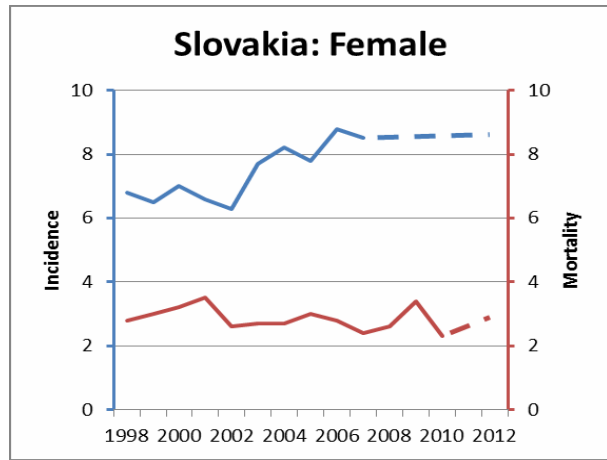
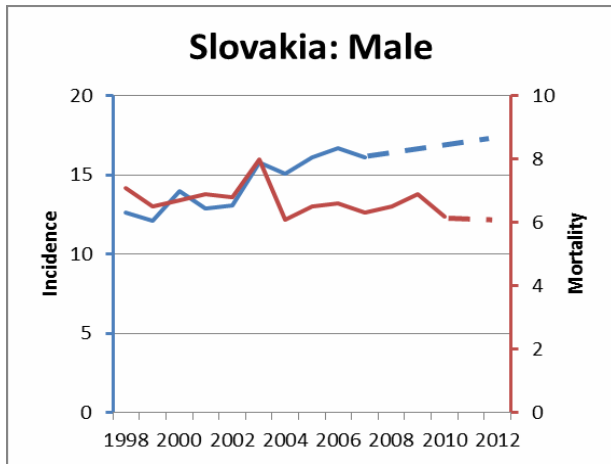
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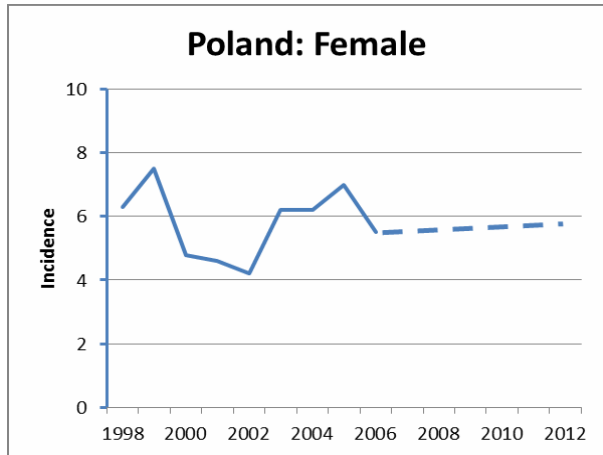
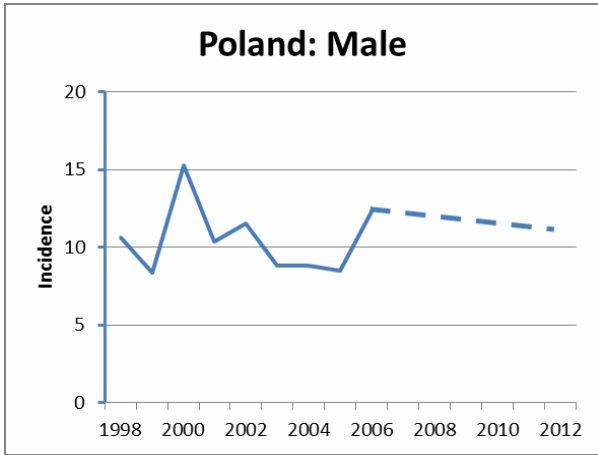


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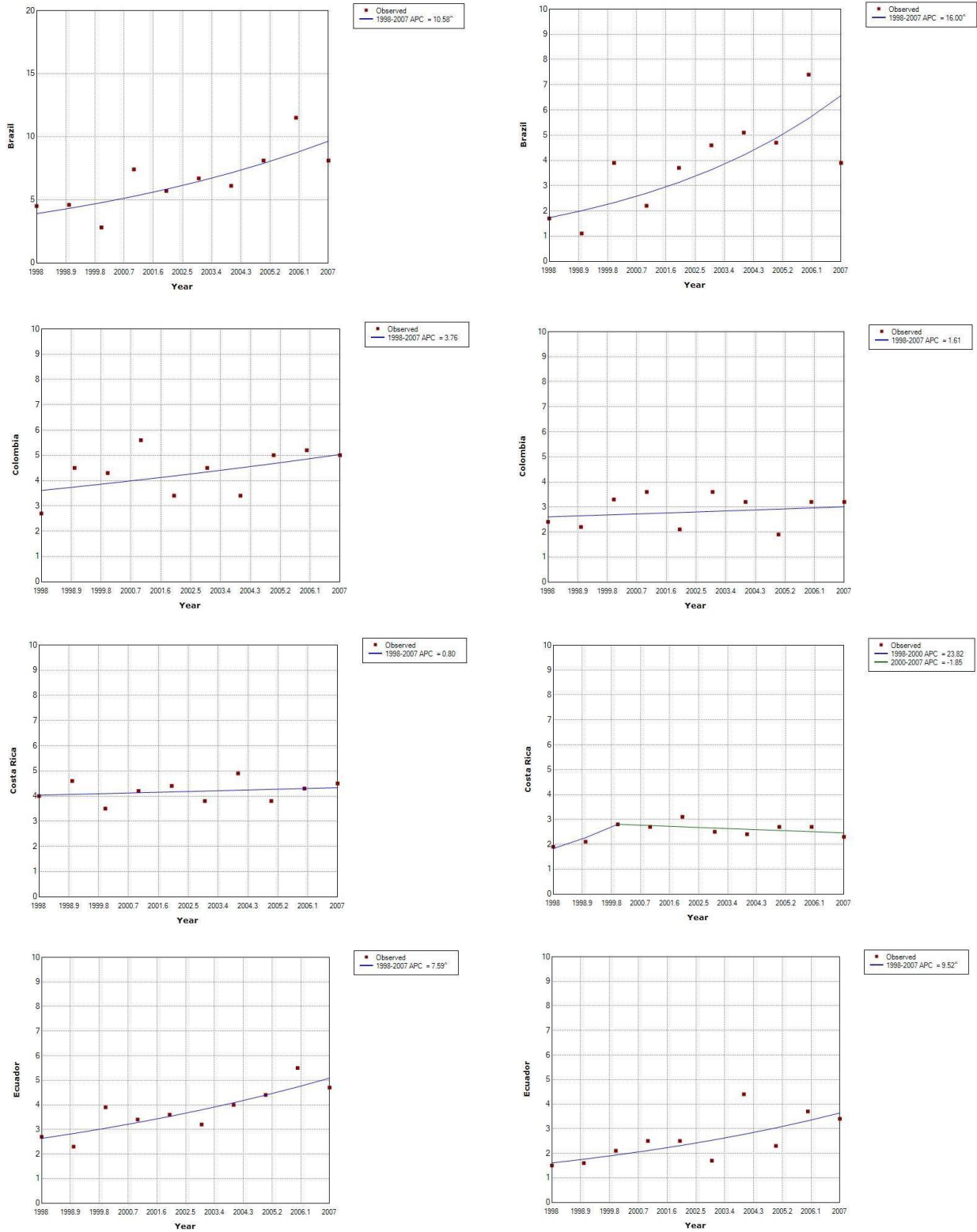
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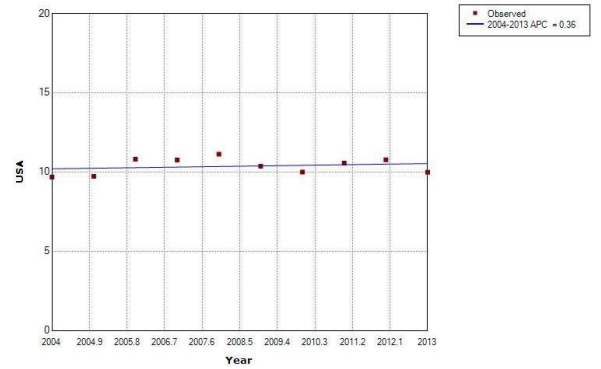
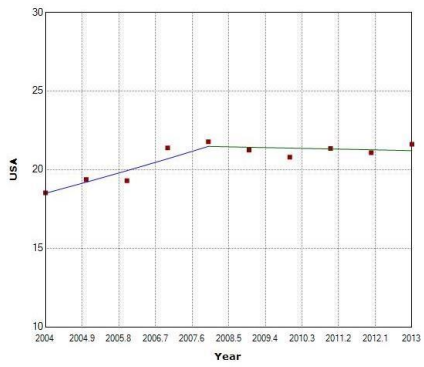
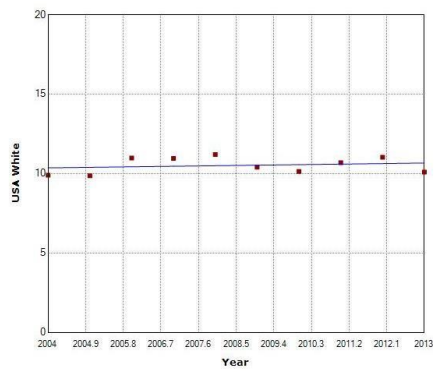
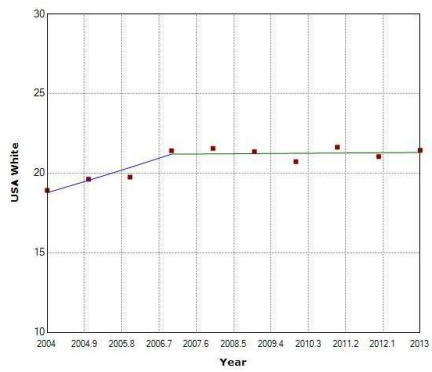
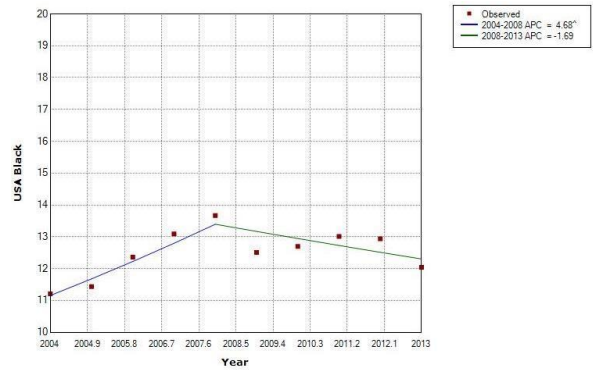
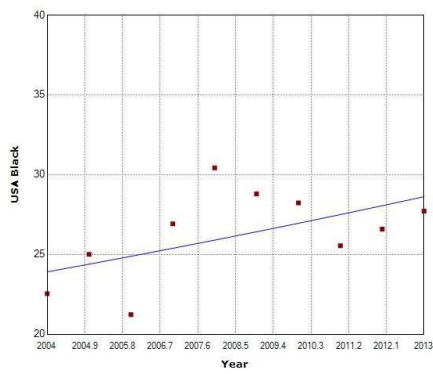
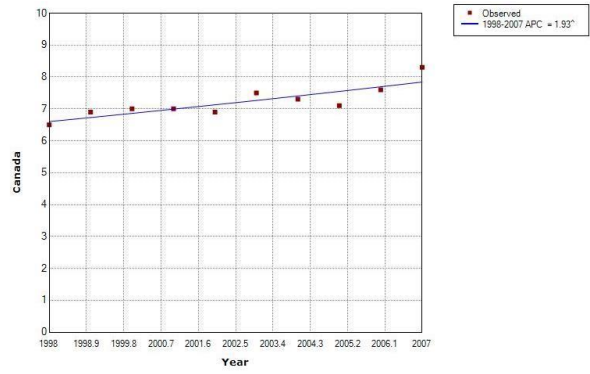
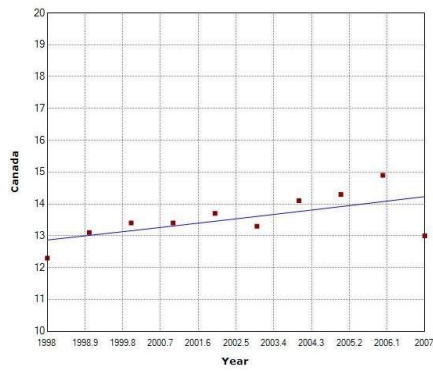


Supplementary Figure 2 Findings from the joinpoint regression analysis of the global incidence rates of kidney cancer (Left: Male, Right: Female)

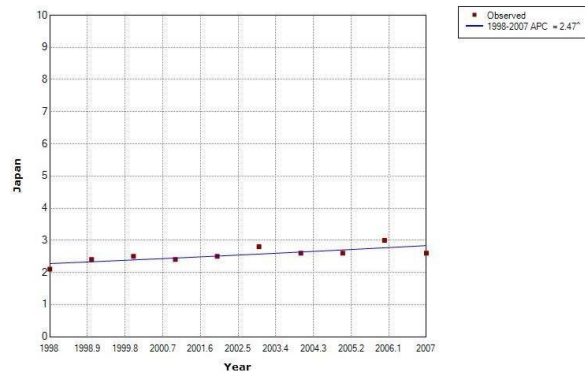
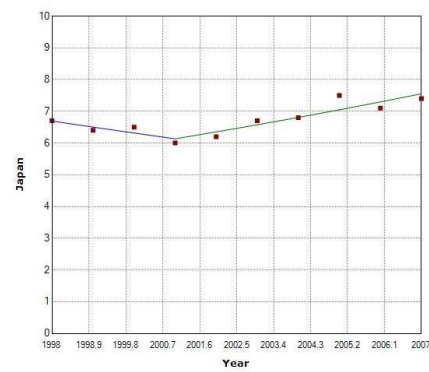
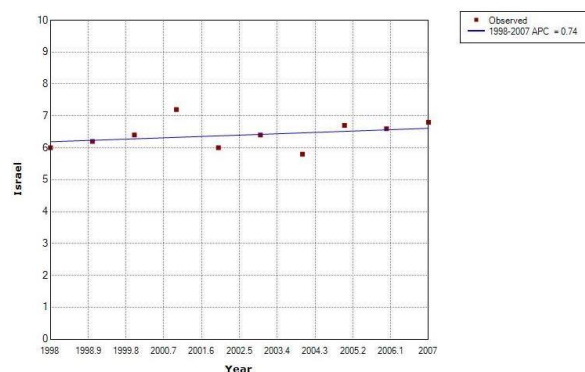
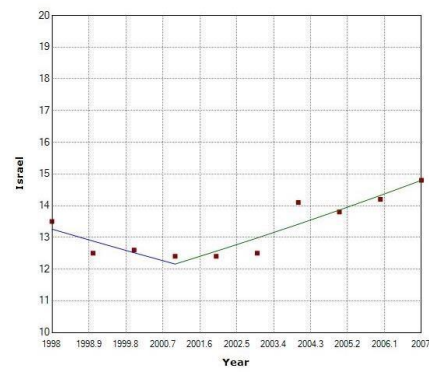
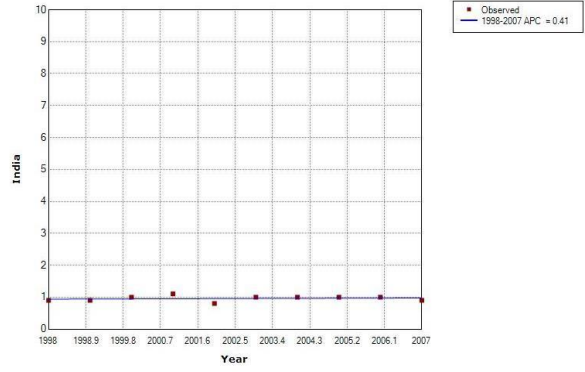
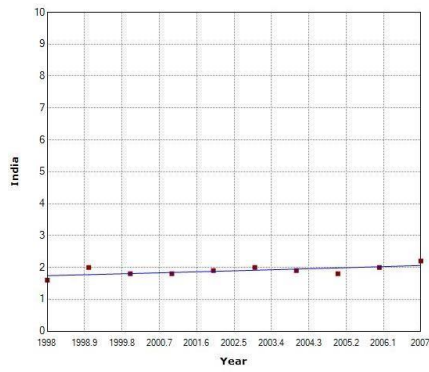
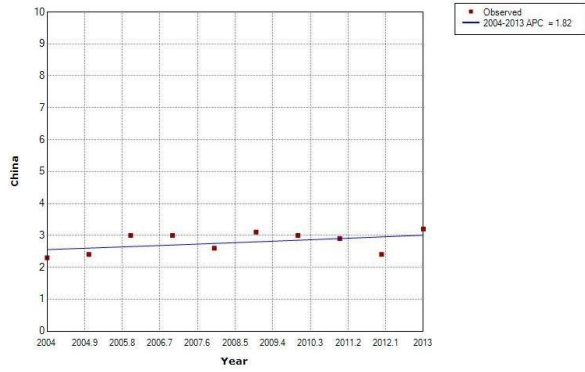
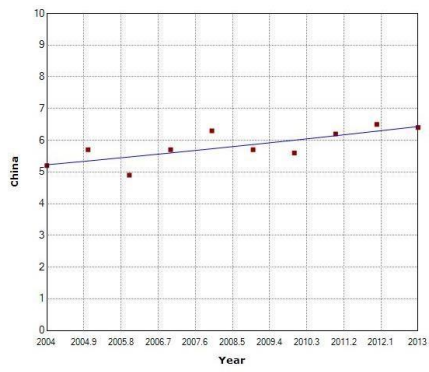
1) Latin America and the Caribbean

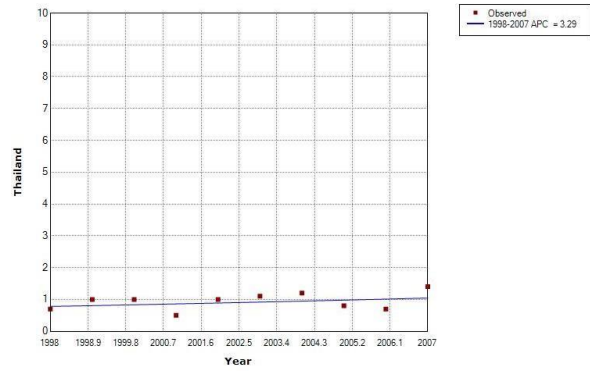
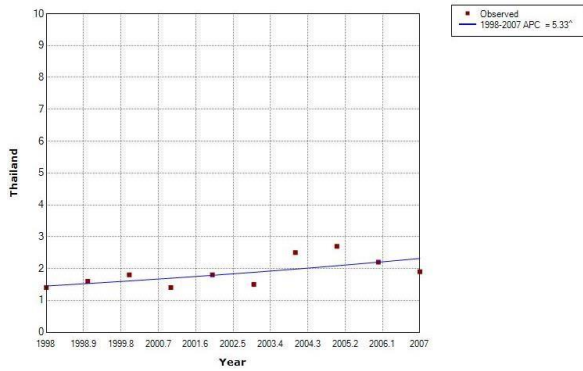
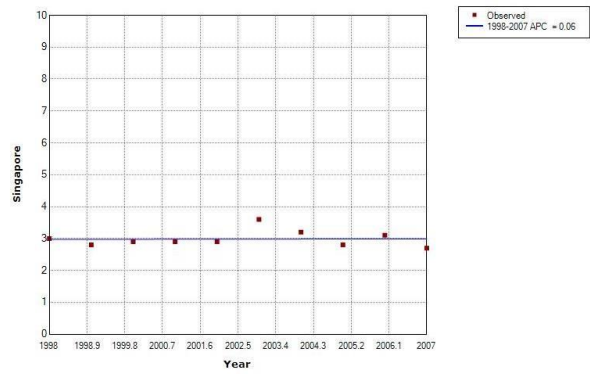
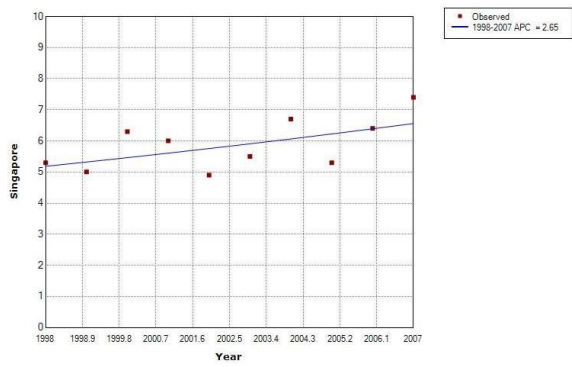
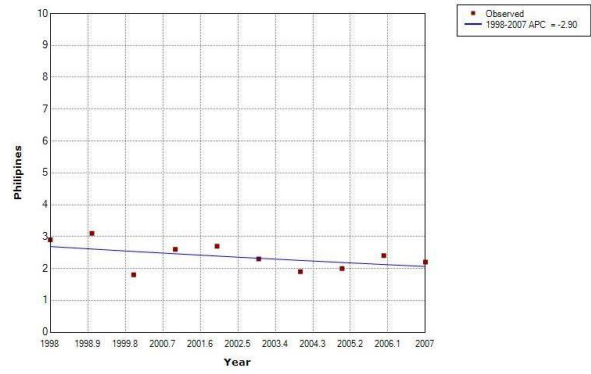
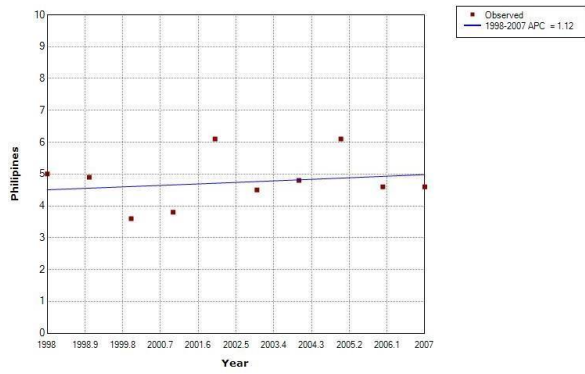


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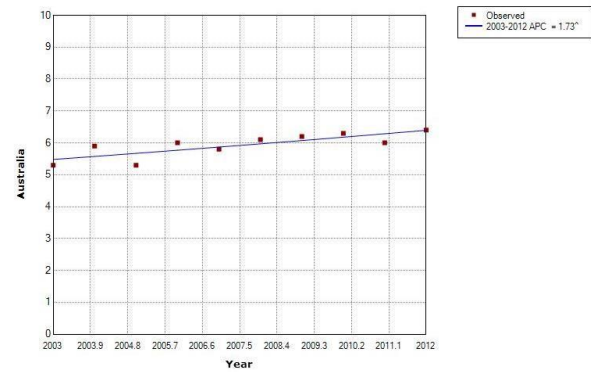
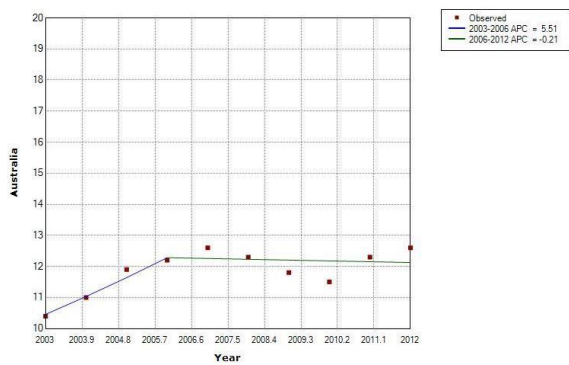


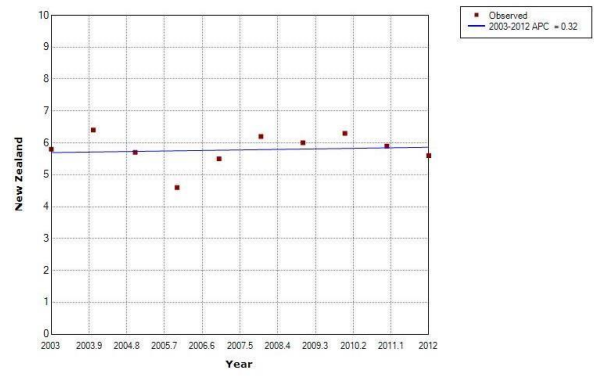
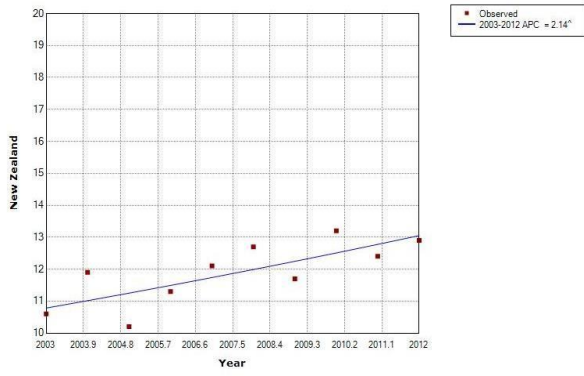
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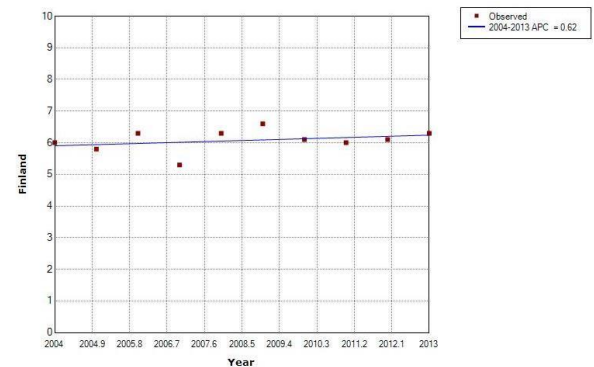
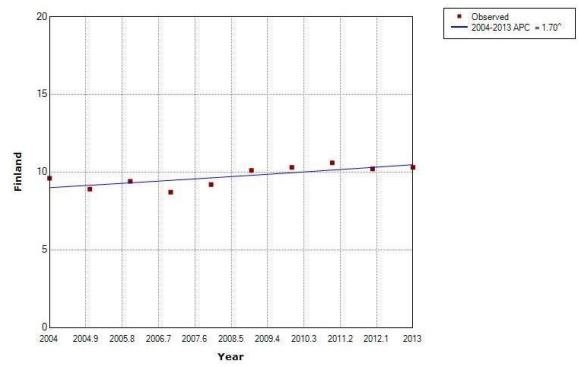
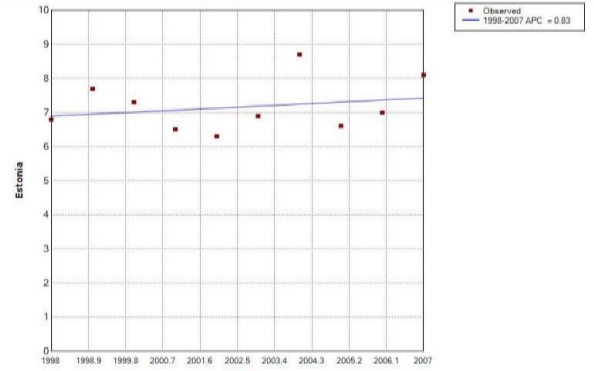
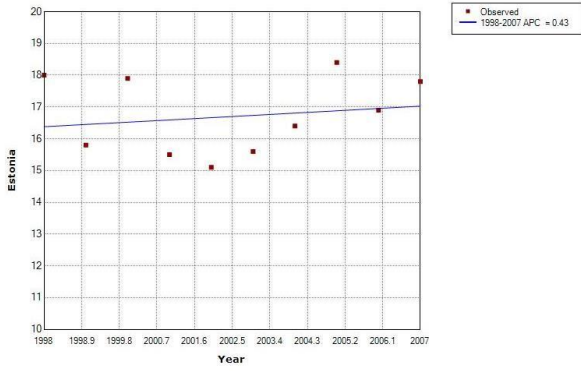
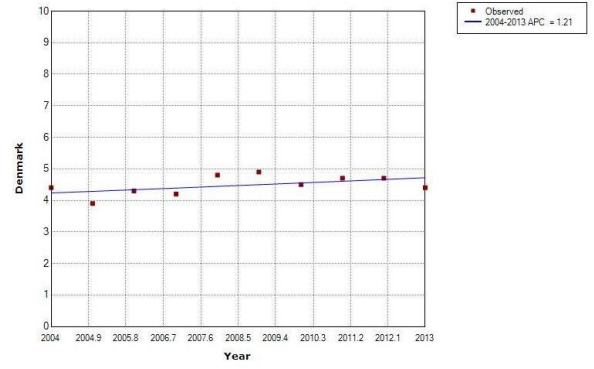
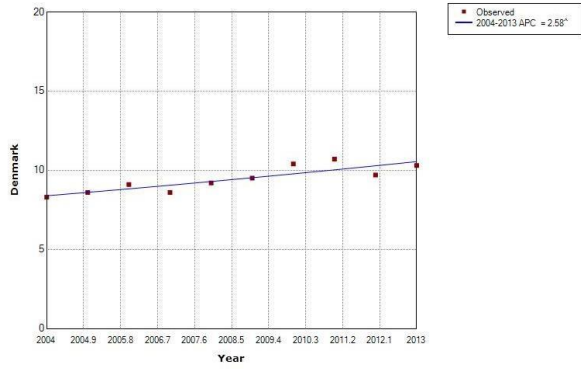


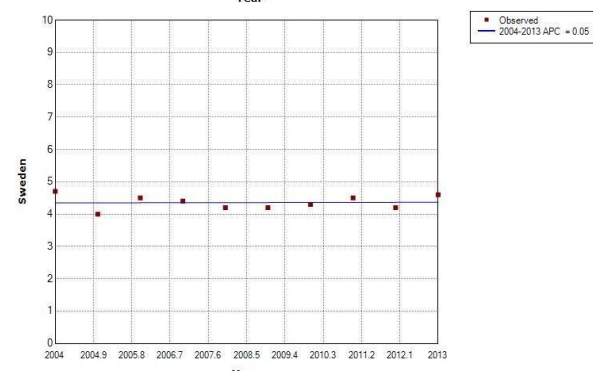
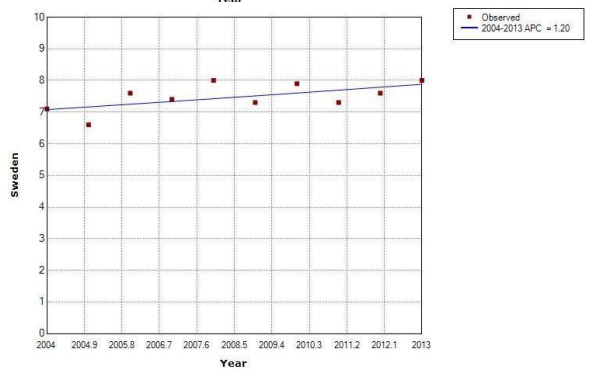
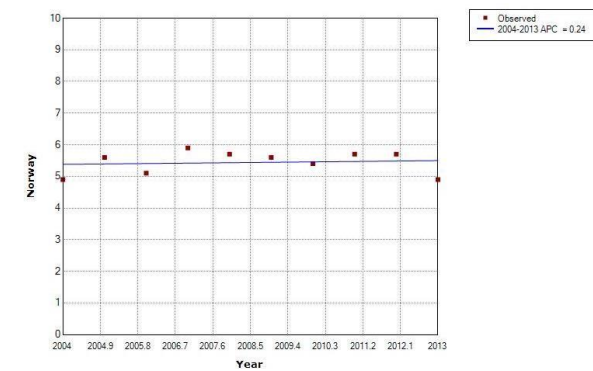
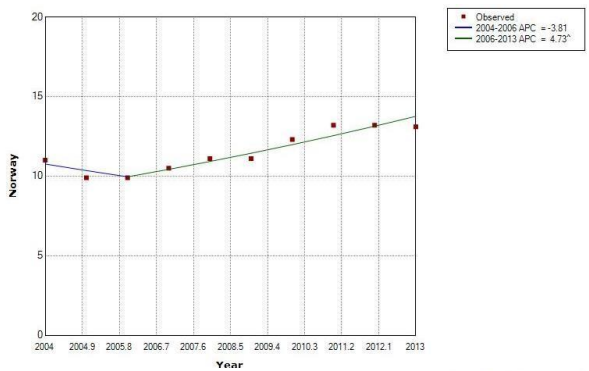
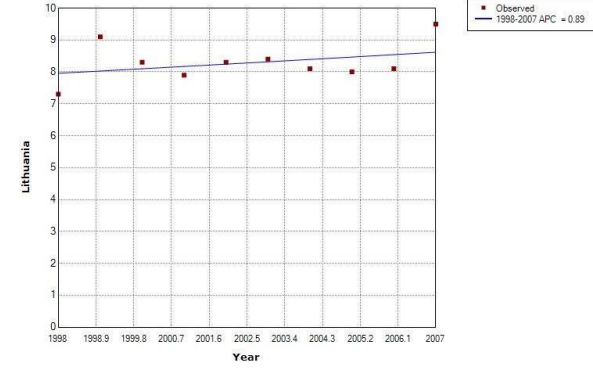
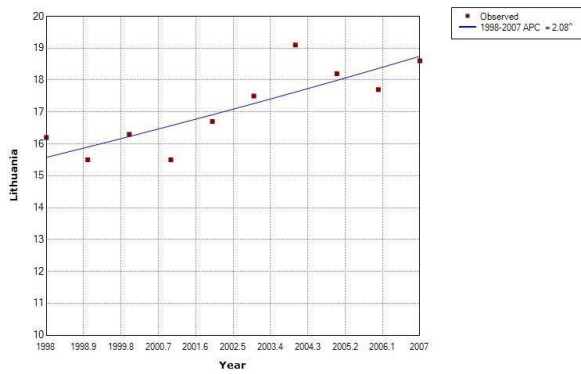
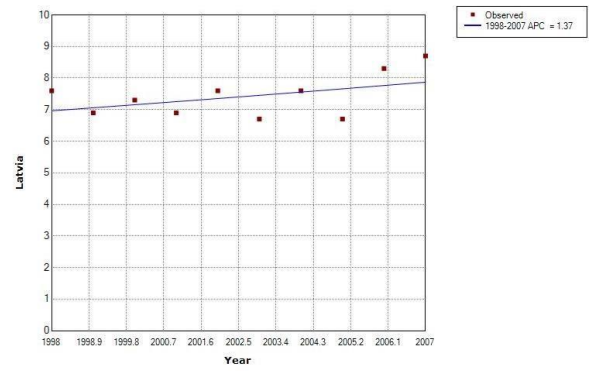
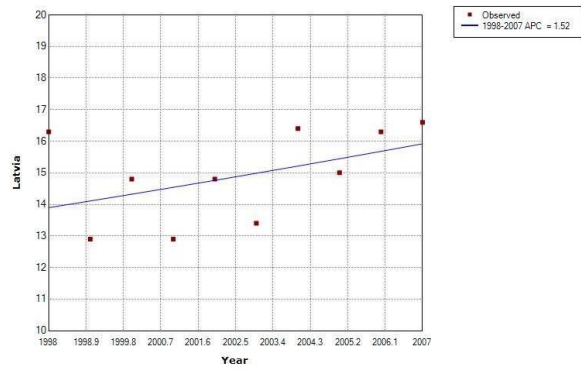
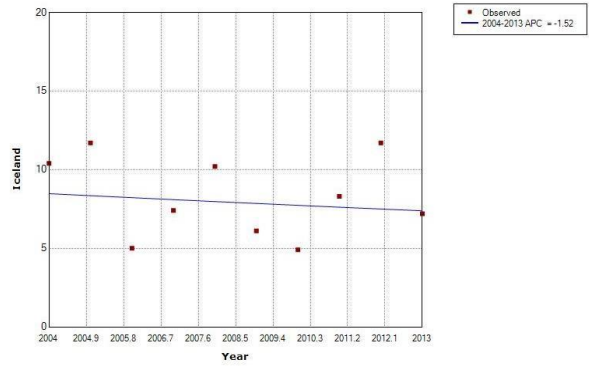
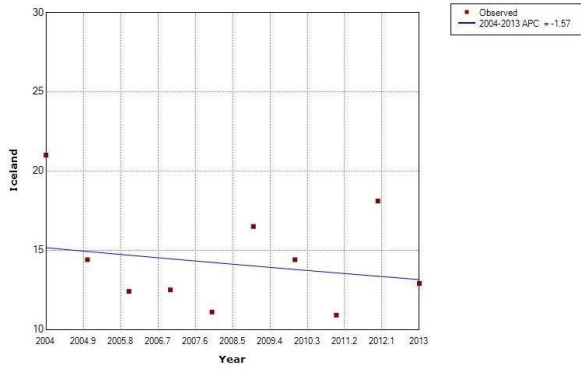
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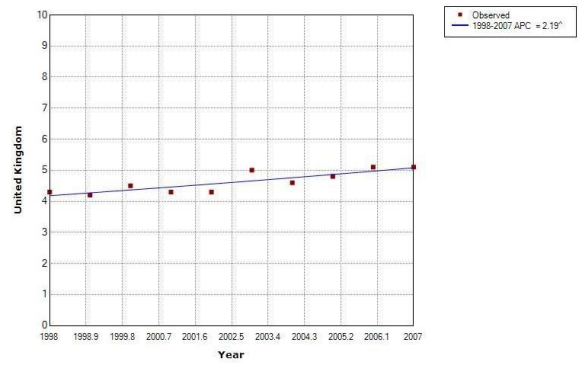
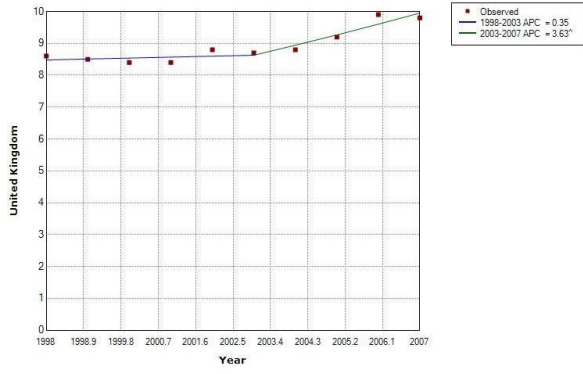




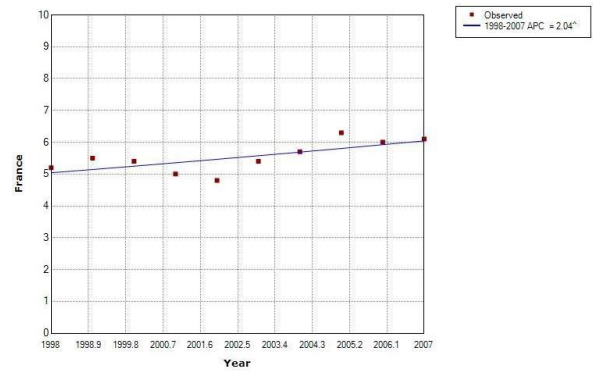
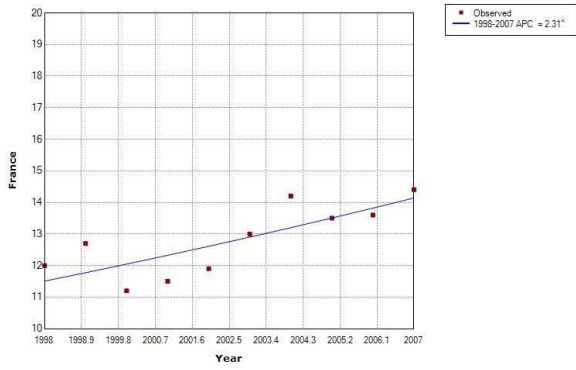
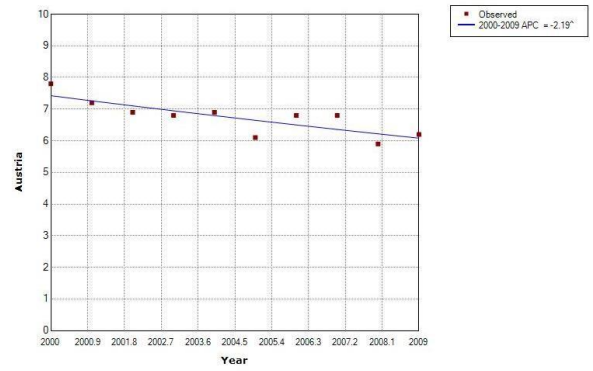
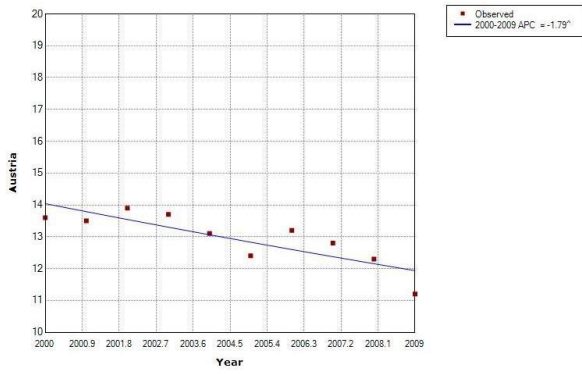
5). Northern Europe

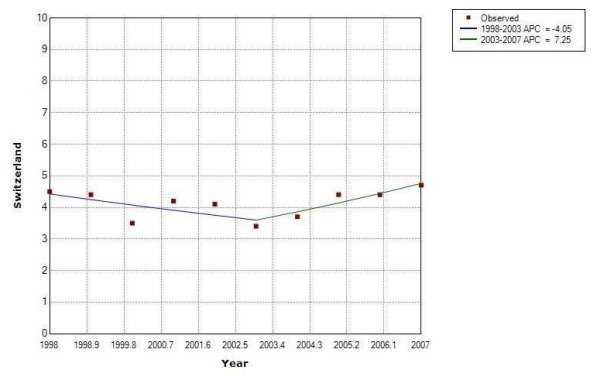
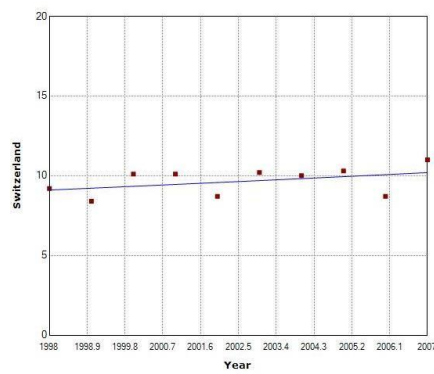
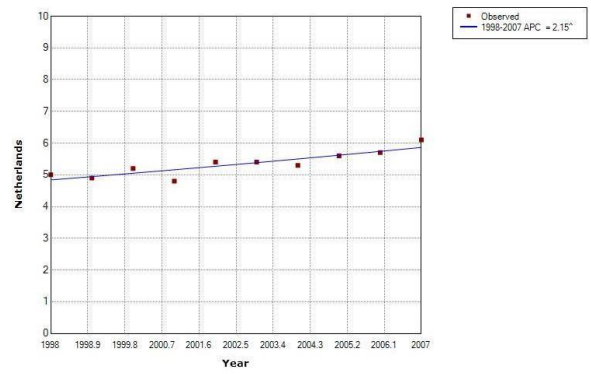
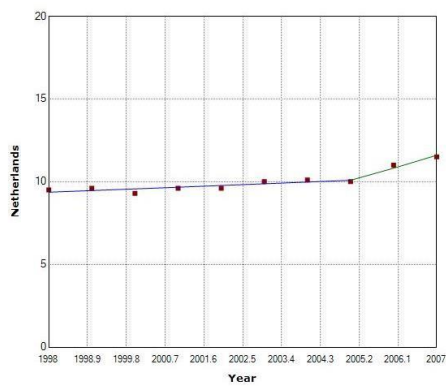
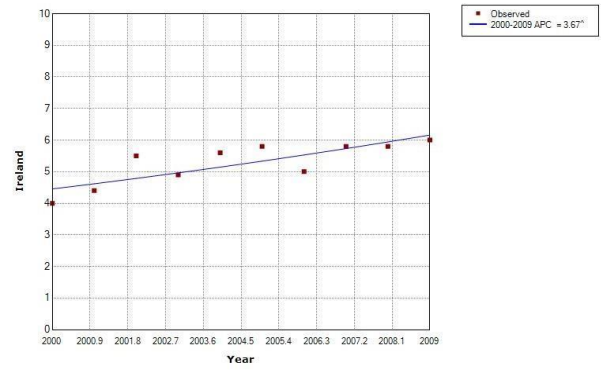
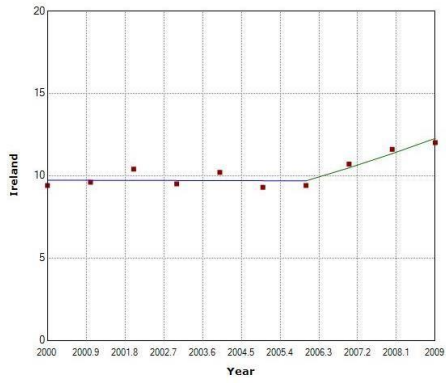
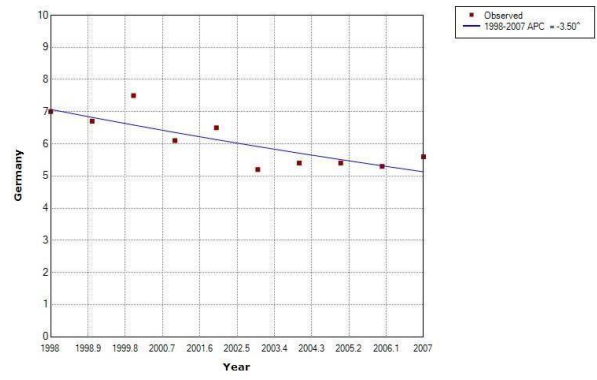
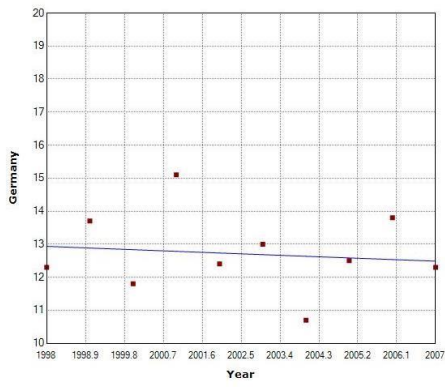




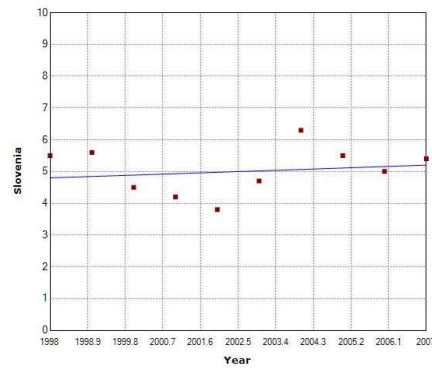
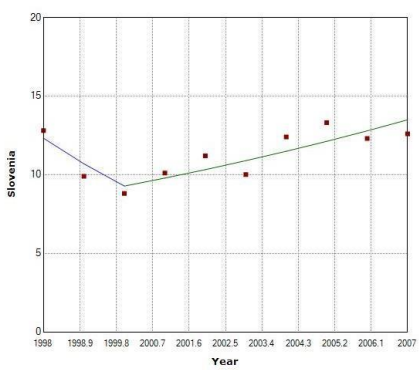
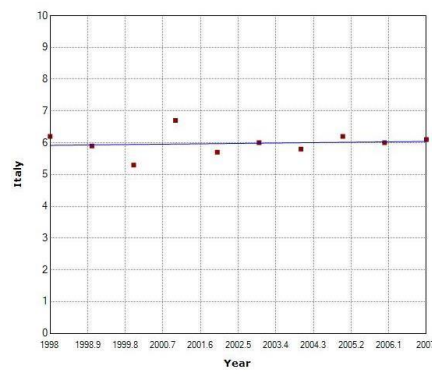
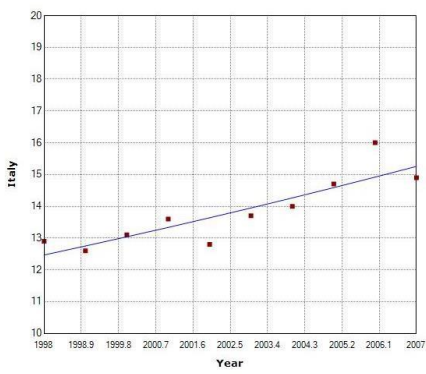
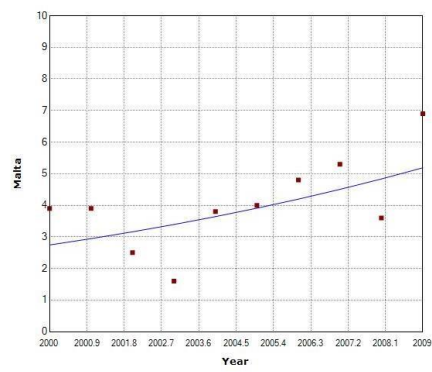
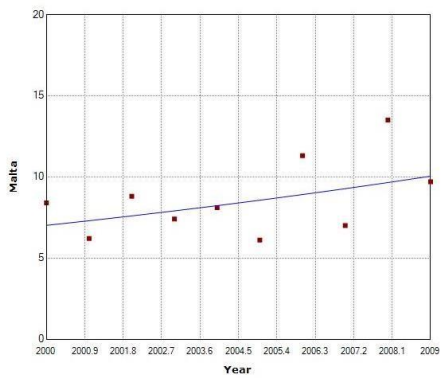
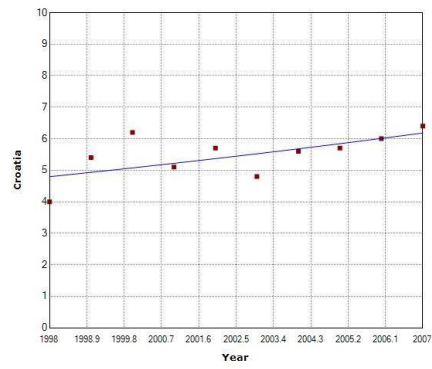
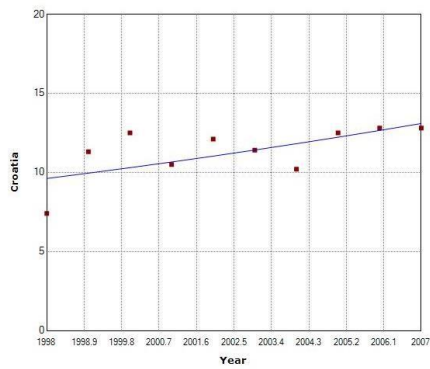


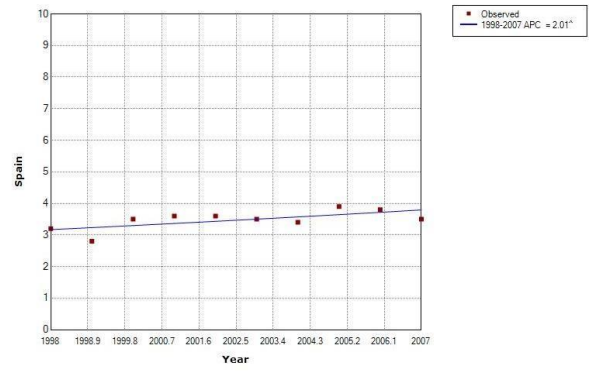
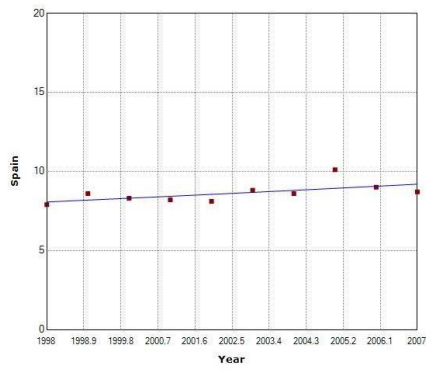
6) Western Europe



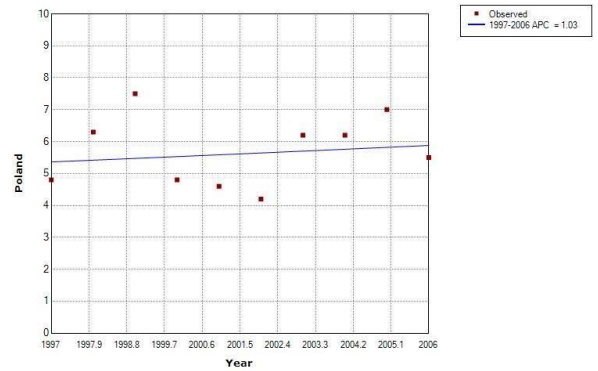
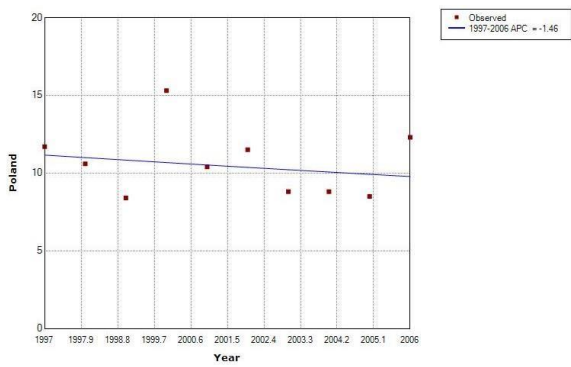
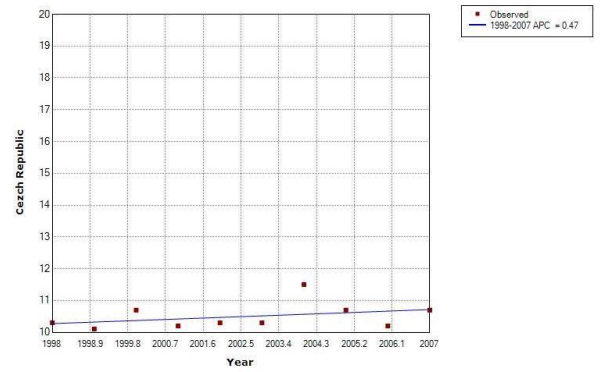
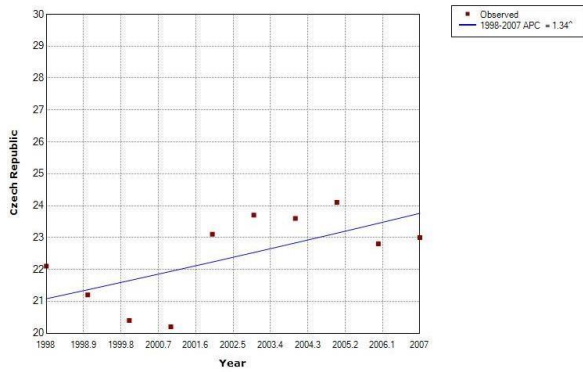
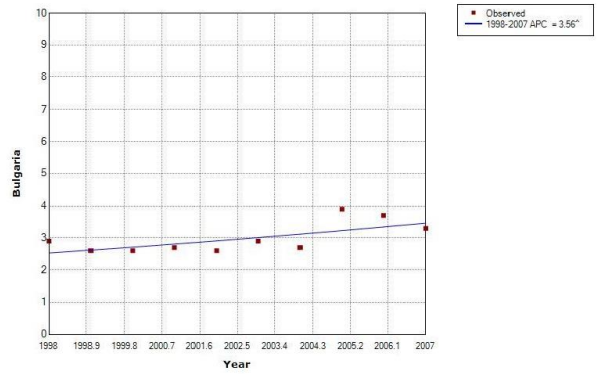
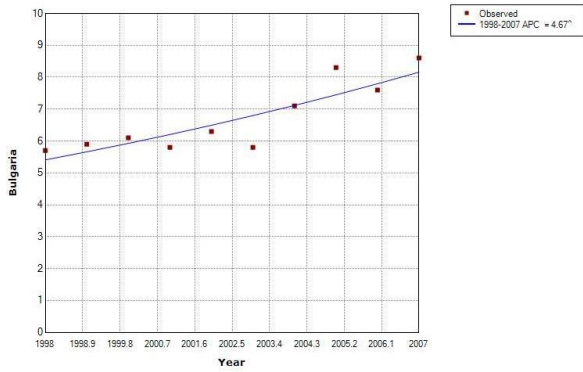


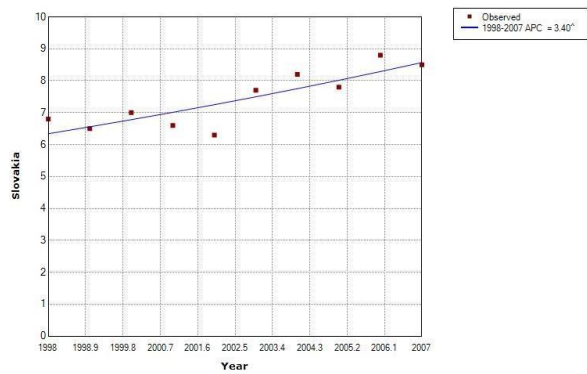
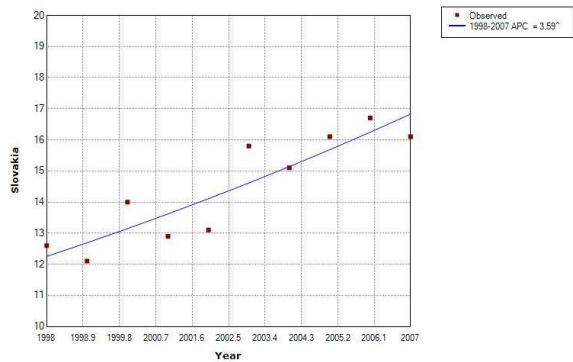
7) Southern Europe





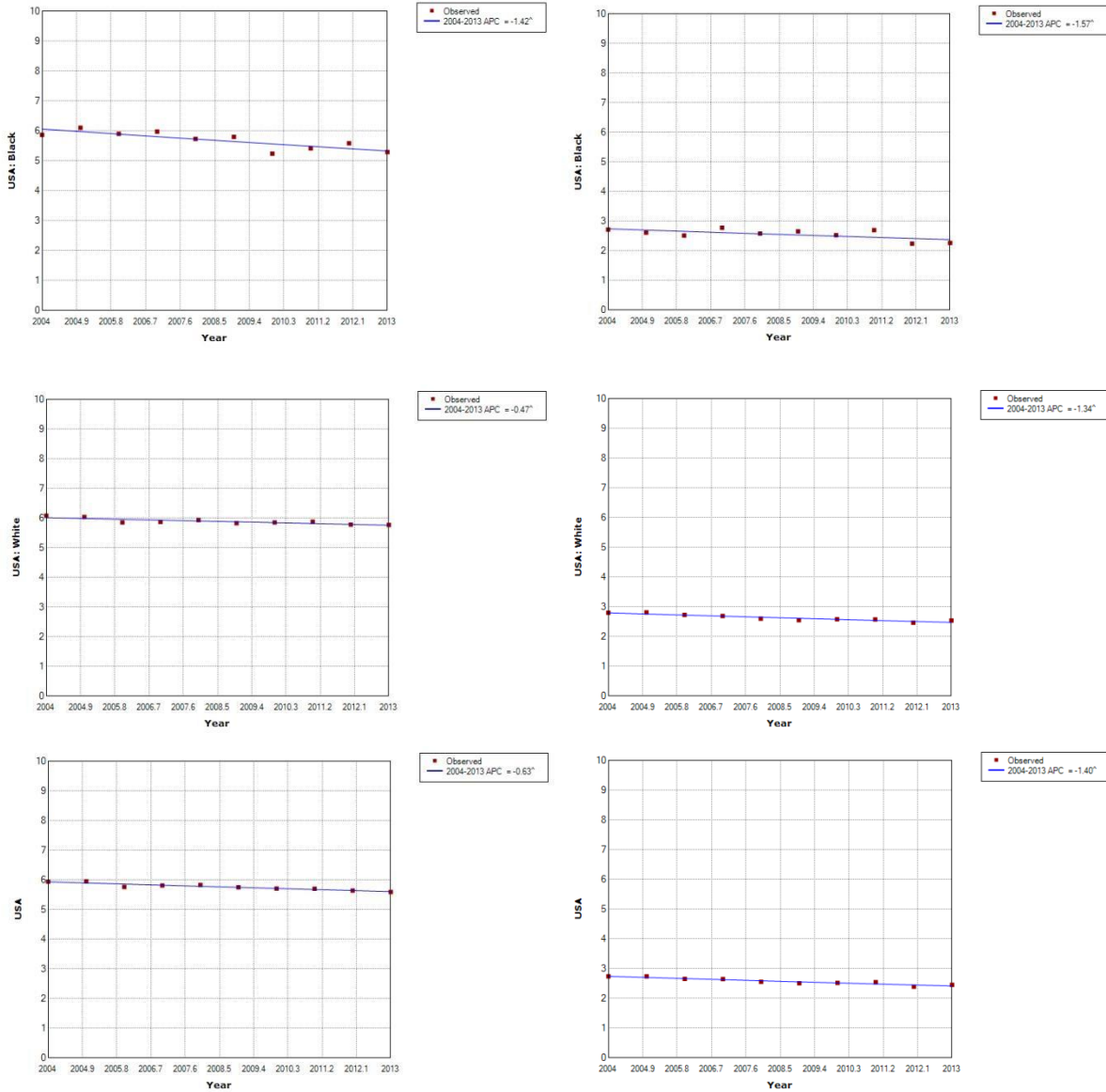
8) Eastern Europe



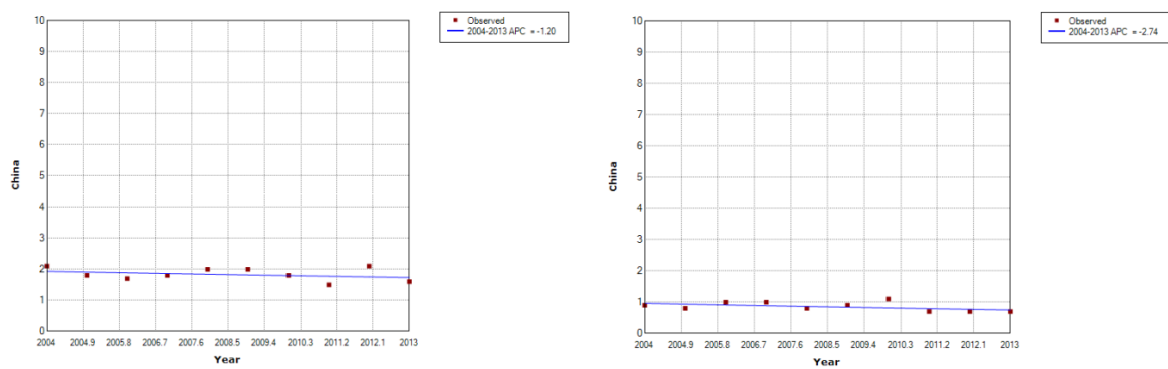


Supplementary Figure 3 Findings from the joinpoint regression analysis of the global mortality rates of kidney cancer (Left: Male, Right: Female)

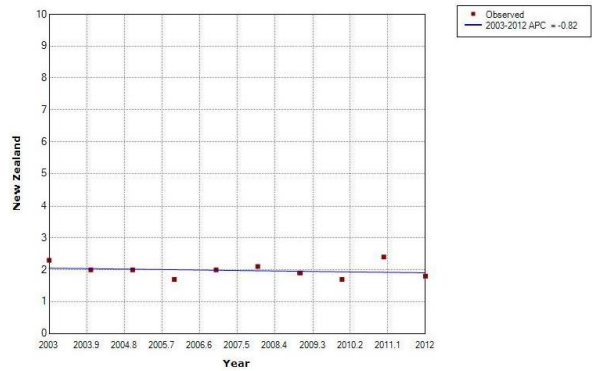
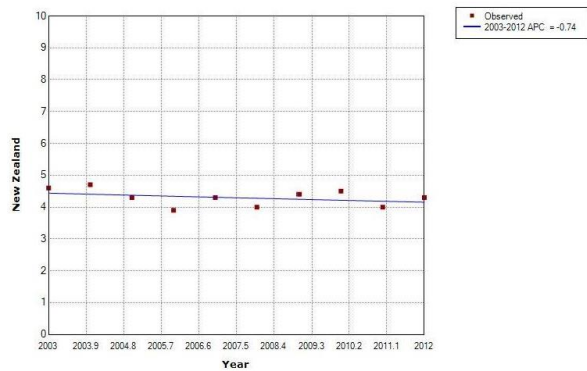
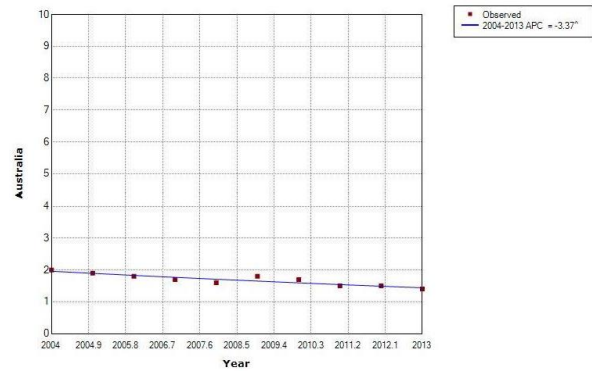
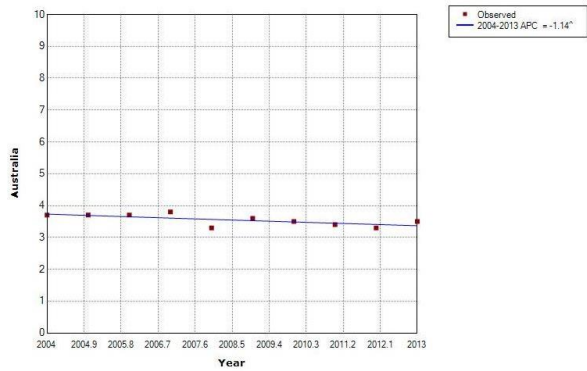
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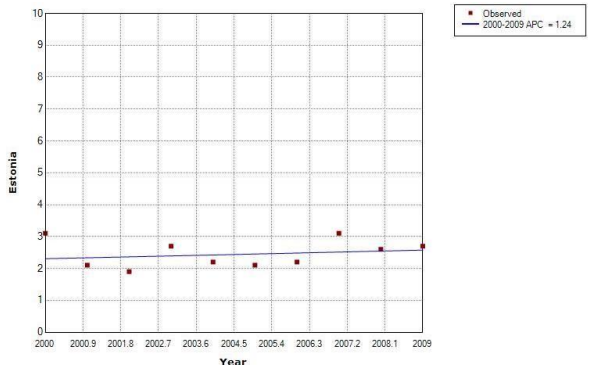
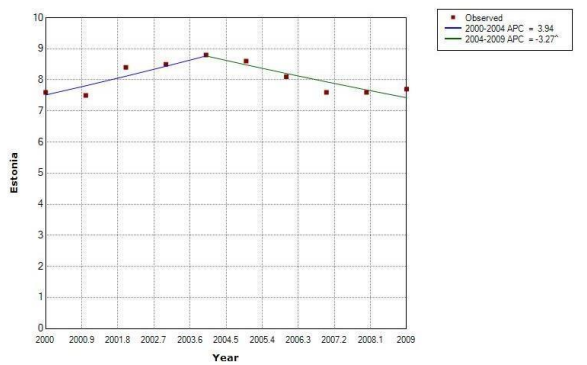
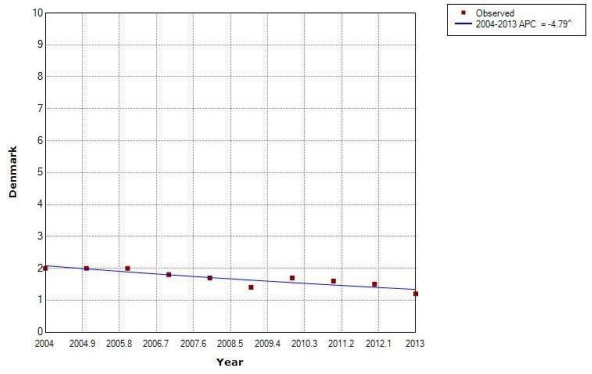
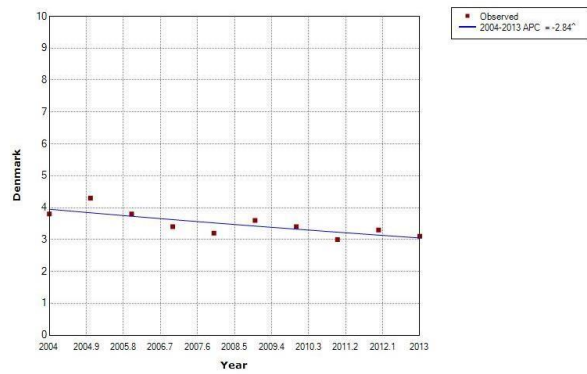
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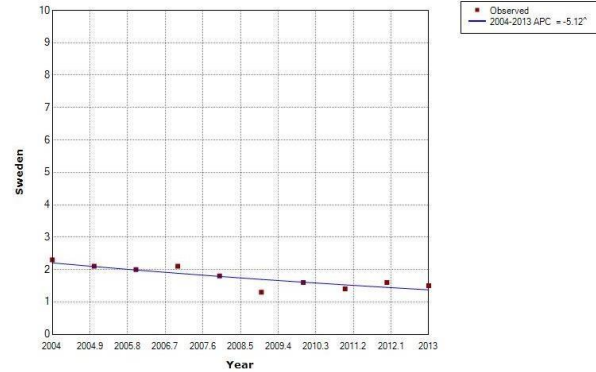
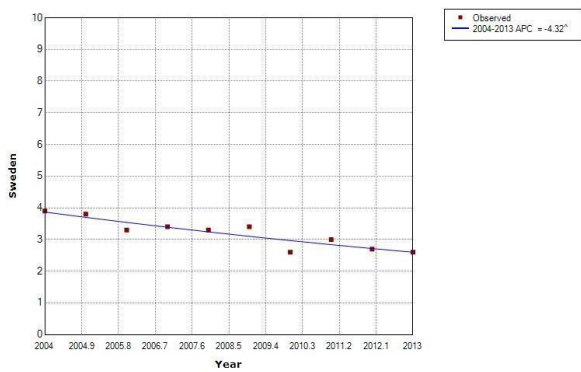
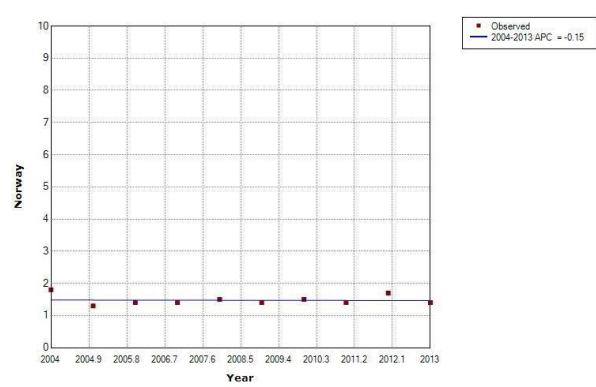
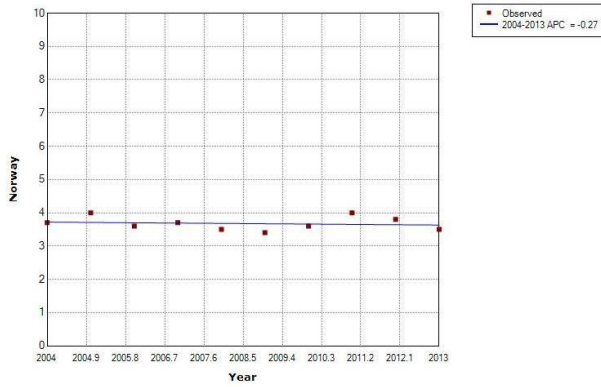
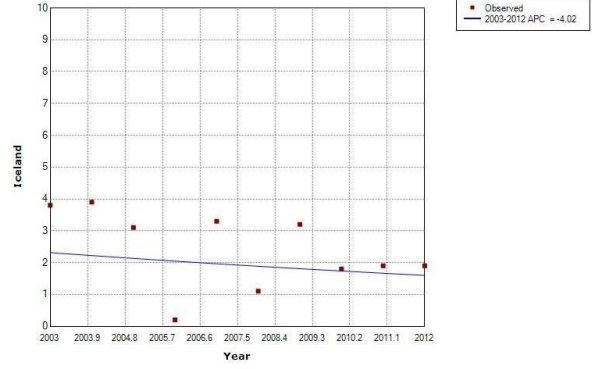
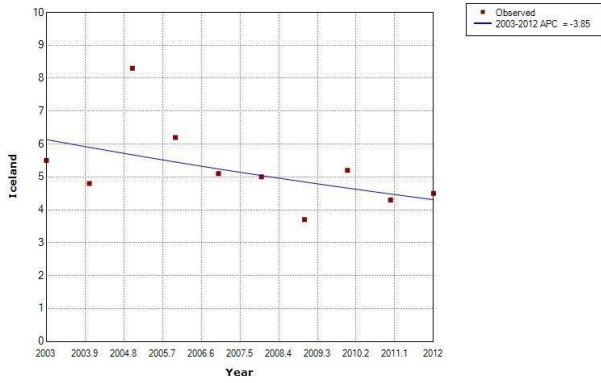
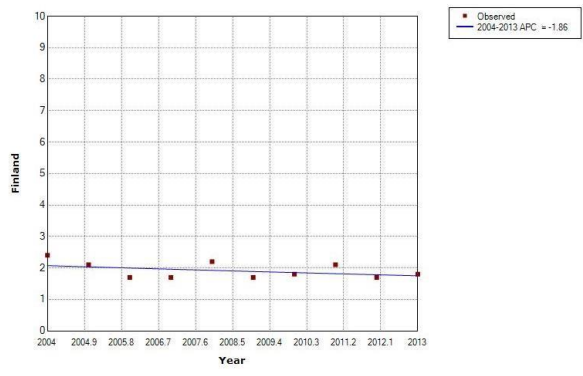
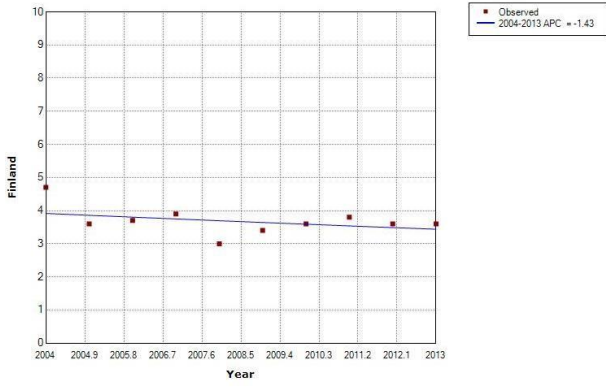


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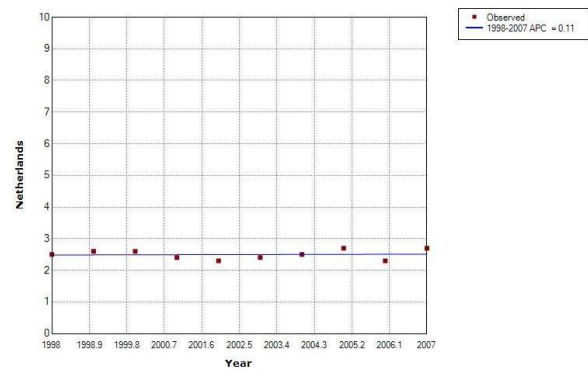
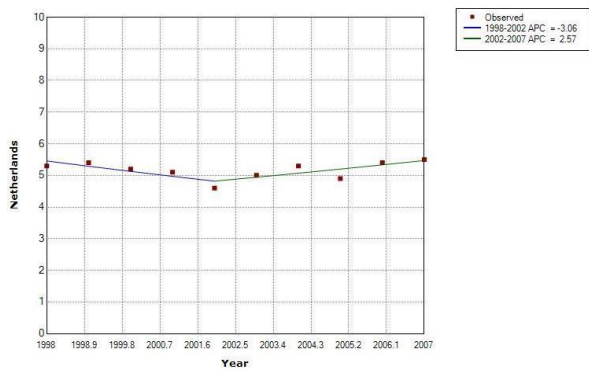
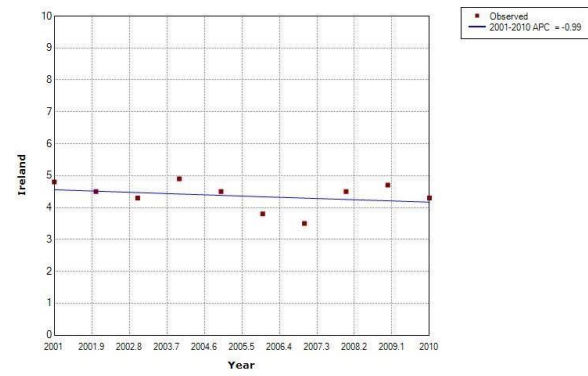
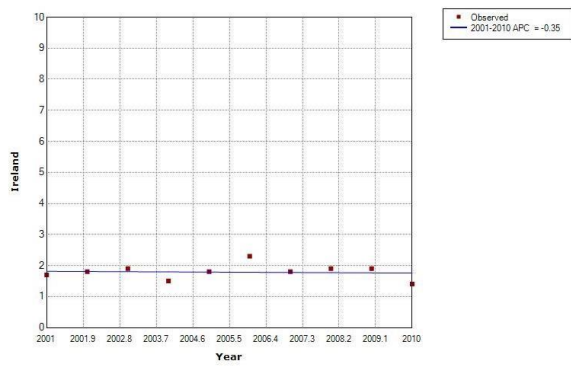
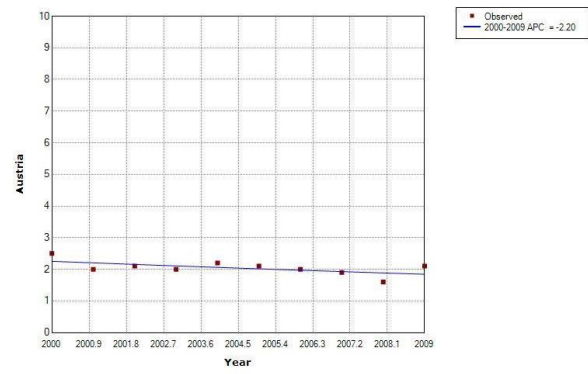
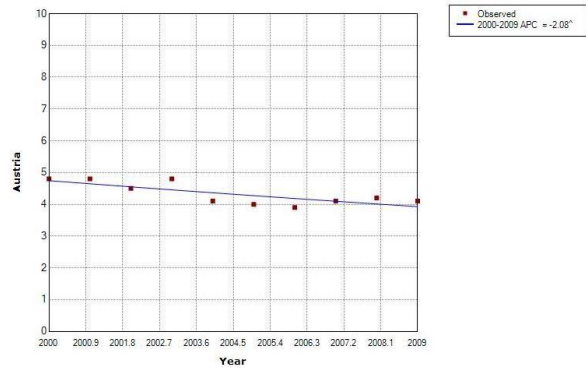


4) Northern Europe

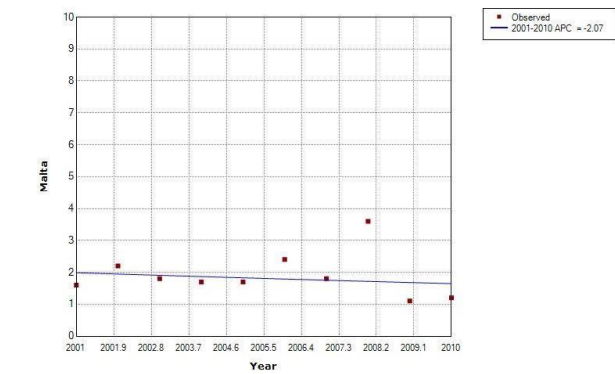
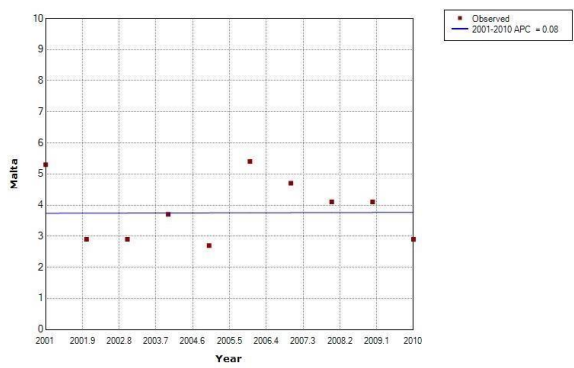


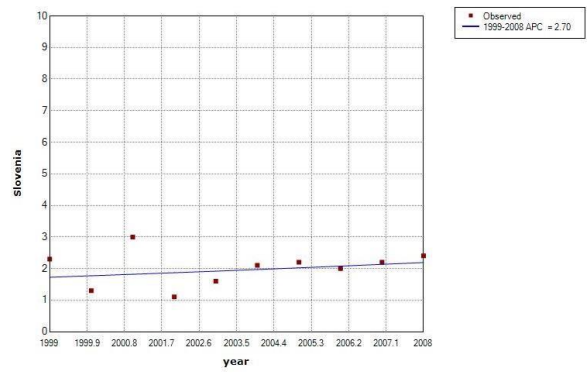
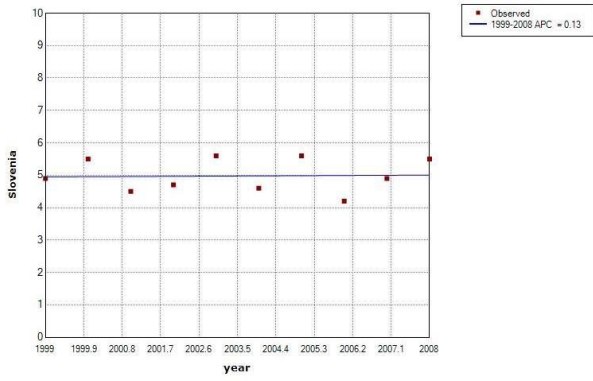


5) Western Europe

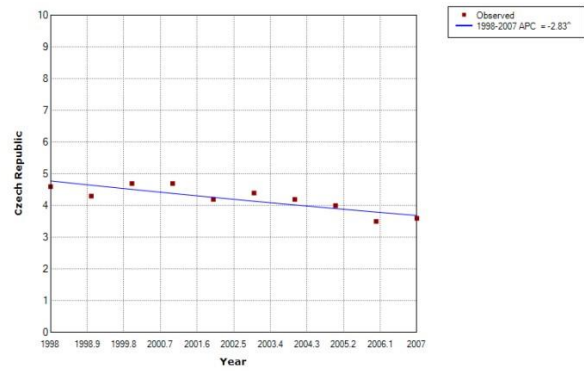
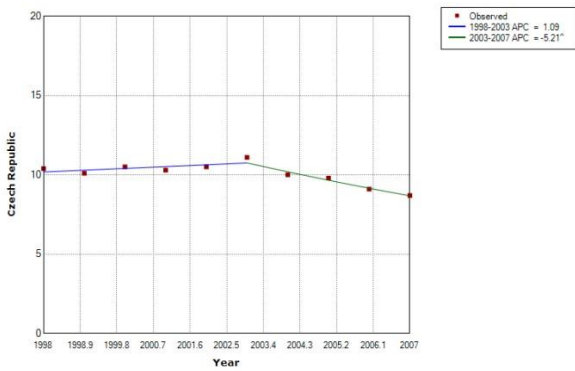
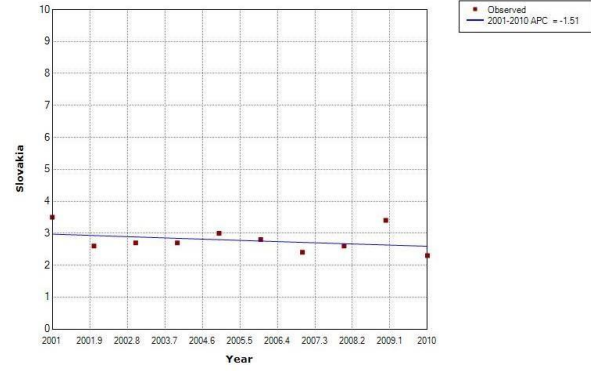
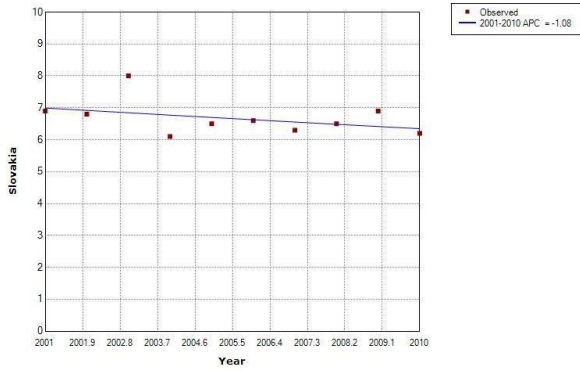
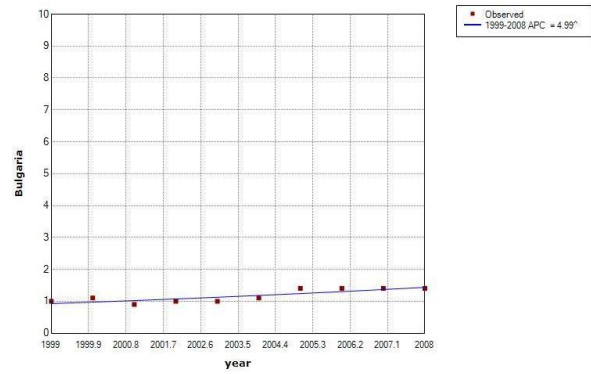
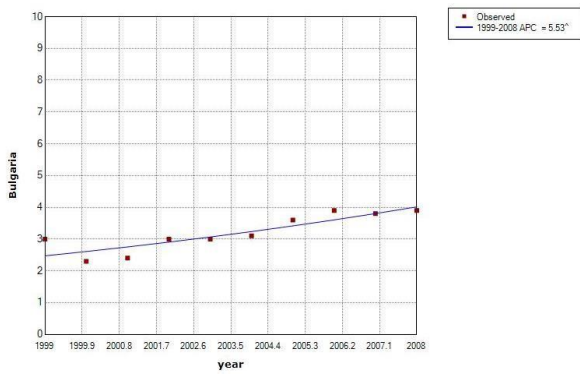


6) Southern Europe



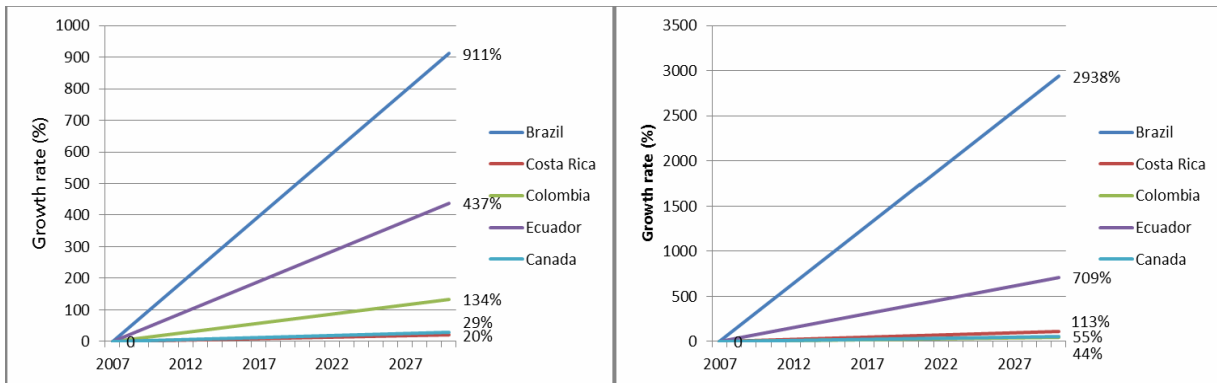


7) Eastern Europe

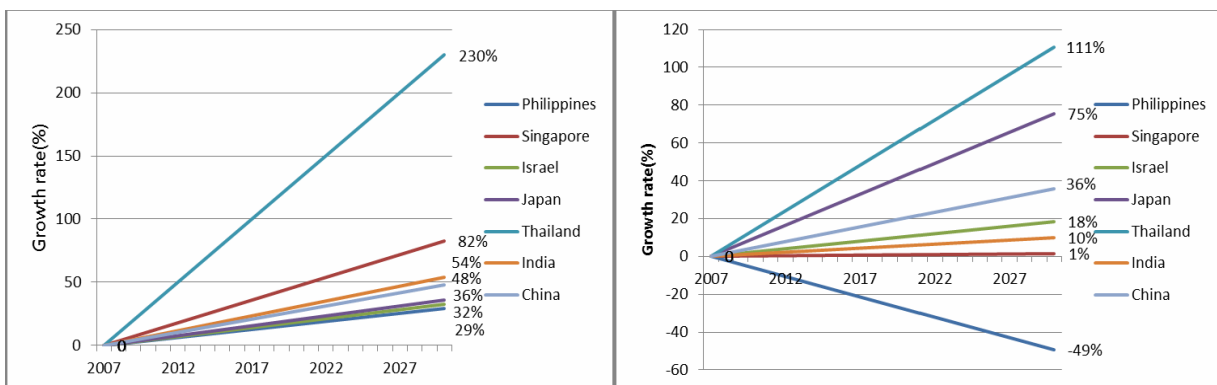


Supplementary Figure 4 Annual Percent Change (APC)-based predicted incidence and mortality rates of kidney cancer compared with the latest available rates (left: men; right: women)

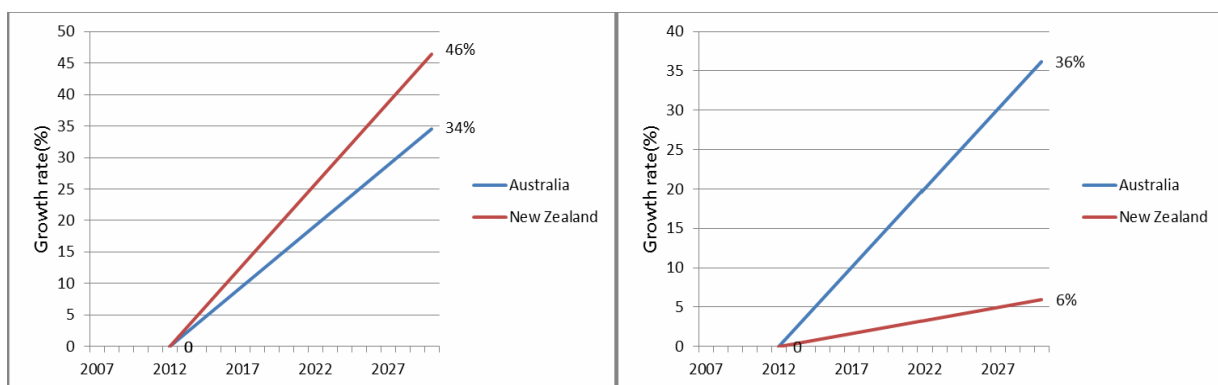
(A). Latin America, the Caribbean and Northern America



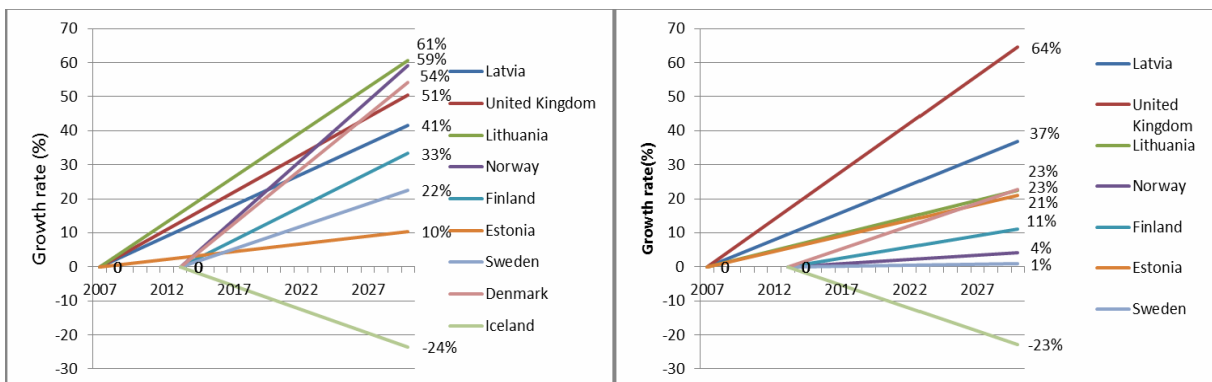
(B). Asia



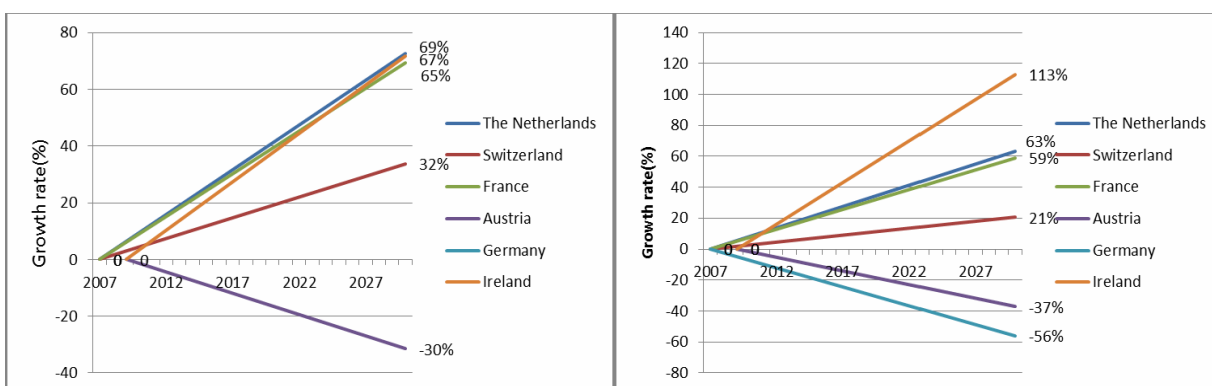
(C). Oceania



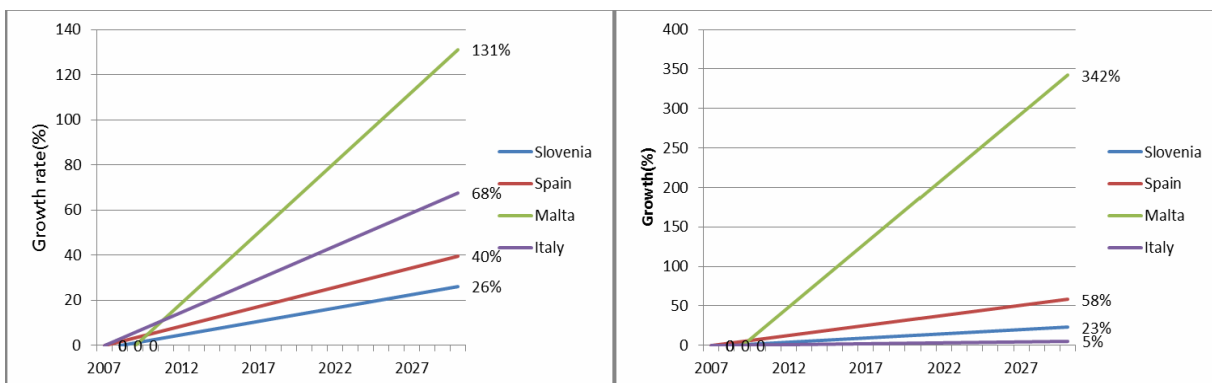
(D). Northern Europe



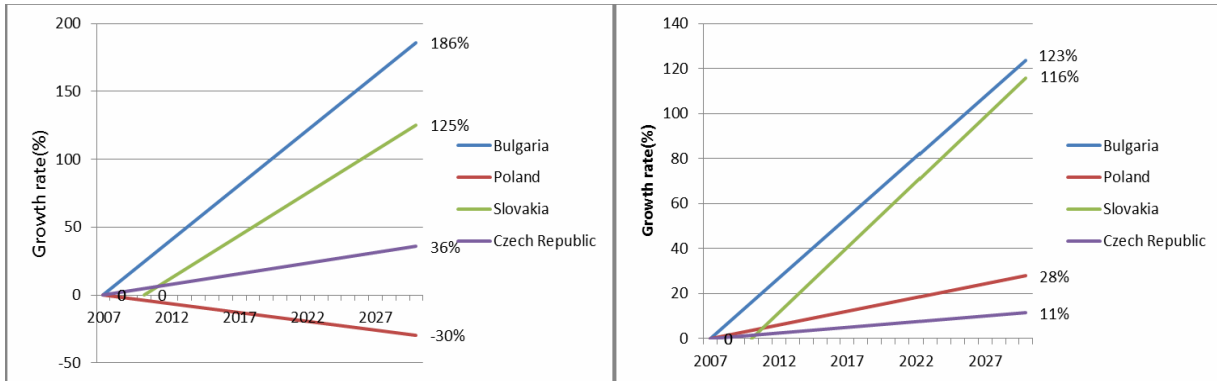
(E). Western Europe



(F). Southern Europe

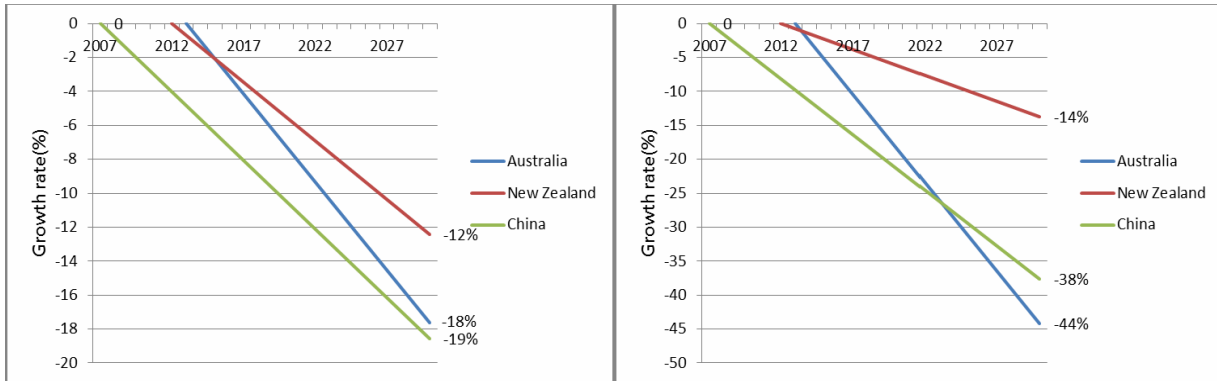


(G). Eastern Europe

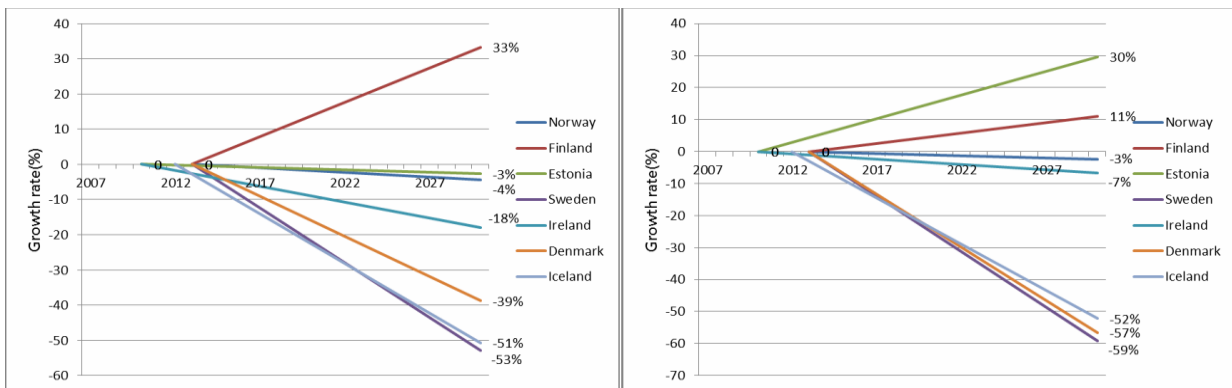


Supplementary Figure 5 Annual Percent Change (APC)-based predicted mortality rates of kidney cancer compared with the latest available rates (left: men; right: women)

(A). Asia & Oceania

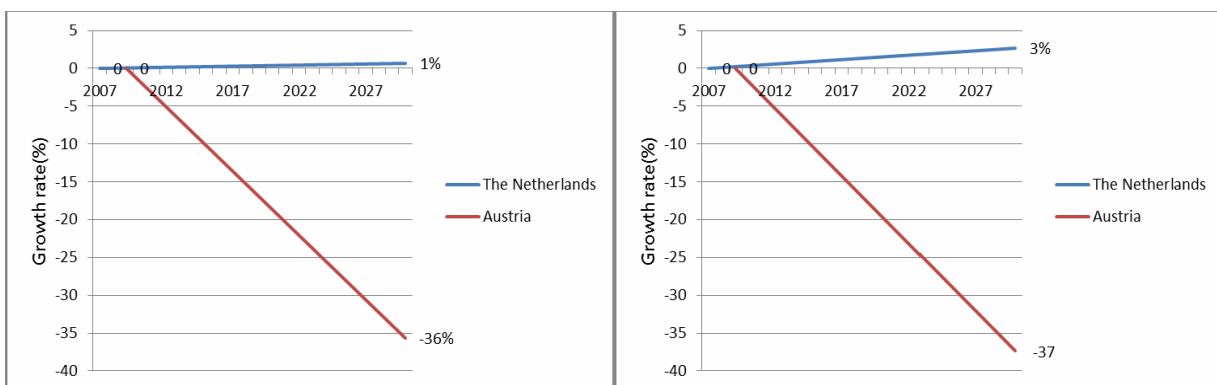


(B). Northern Europe

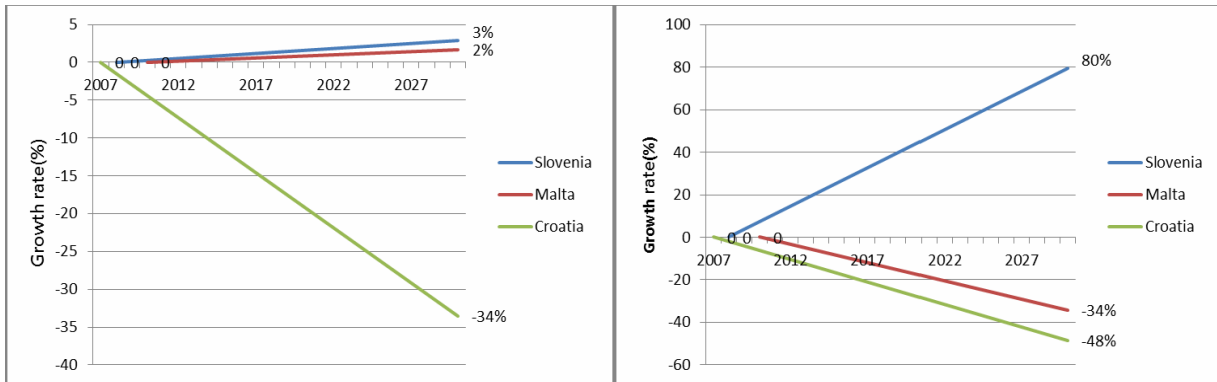


(C).

Western Europe



(D). Southern Europe



(E). Eastern Europe

