Training Workshop in CRVS evaluation
Amman, 28-30 June 2022
Prof. Michel Guillot

Lecture 4 - Assessing the Completeness of Death Registration
Basic Approaches

A. You are provided with data on deaths and population for Greece, females, 1985

1. Calculate age-specific death rates for this population

2. Using Mortpak and one of the nine model life table patterns, calculate the expected level of e_0 associated with each value of ${}_nM_x$. Comment on any patterns that you see.

B. You are provided with data from Sweden, Females, 2000-10

1. Estimate the coverage of death registration in Sweden, using the balancing equation of population change (2000-10) for cohorts aged 60-64, 65-69, …, 95-99 in 2000.

2. Estimate the overall coverage of death registration in 2000-10 for cohorts aged 60+ in 2000.

C. You are provided with data from Sweden, females, 1960-2010

1. Using the method of extinct generations, estimate the coverage of deaths registration in Sweden for cohorts aged 60-64, 65-69, …, 105-09 in 1960.

2. Estimate expected population counts in 1960 for individuals aged 60+, 65+, 70+,… Use the expected counts to estimate coverage of death registration for cohorts aged 60+, 65+, 70+, … in 1960.