

Life Insurance - practicals 2016/2017

Homework 2-3

Plot the net single premiums of the following capital life insurances and life annuities for different ages (x from 20 to 65 per 1y) and life tables (male, female, unisex):

1. Term insurance until 70 years, i.e. for $n = 70 - x$ years.
2. Pure endowment for $n = 70 - x$ years.
3. $m = 70 - x$ year deferred life annuity due (payment starts at 70)
4. Life annuity due for $n = 70 - x$ years

Please add a short (one or two sentences) to each graph to explain/interpret the behaviour of the net single premiums.

Please send a file with the results in the format *surname_name_hw23.pdf* to my e-mail.

DEADLINE: January 3, 2017