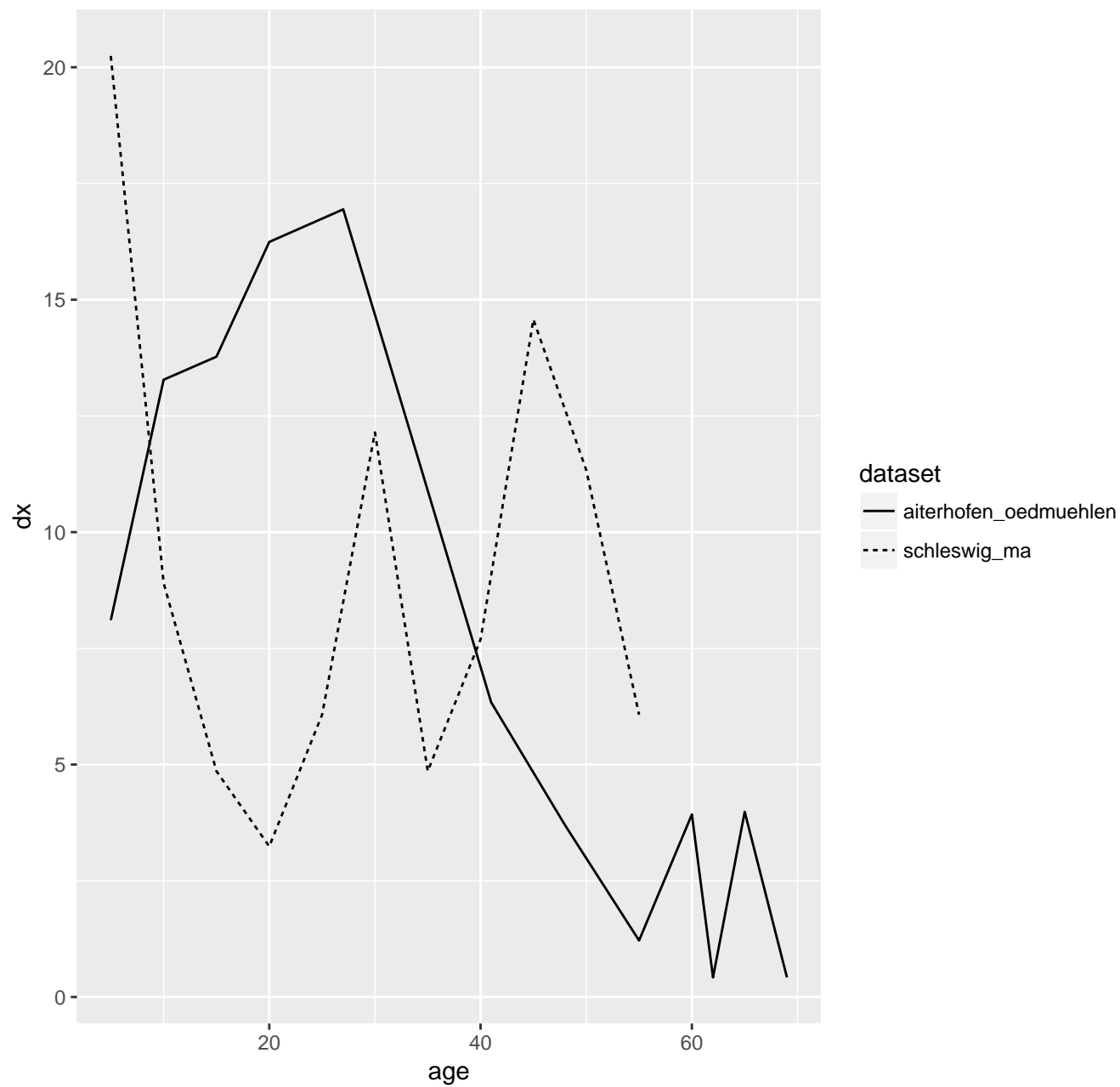
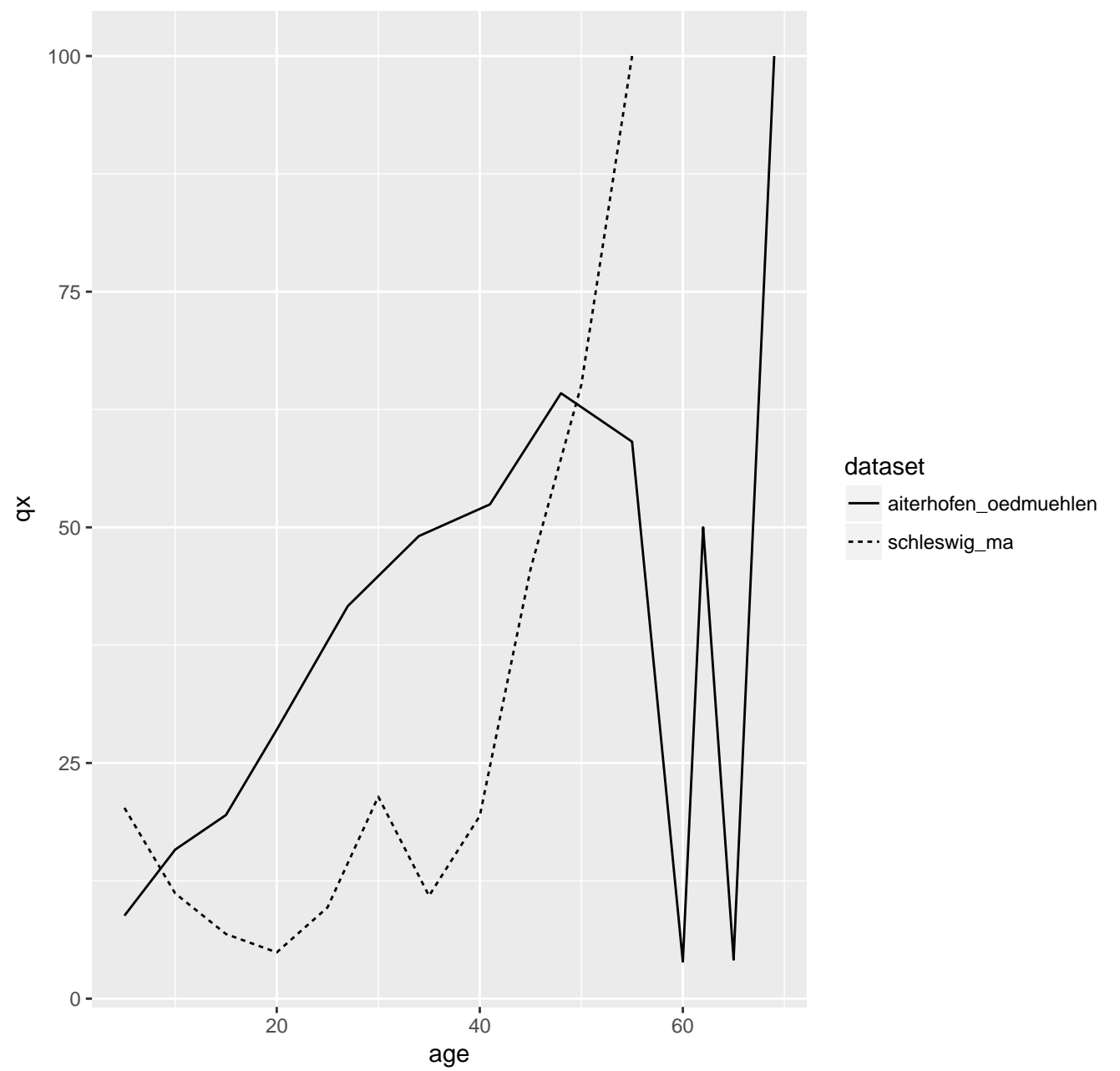


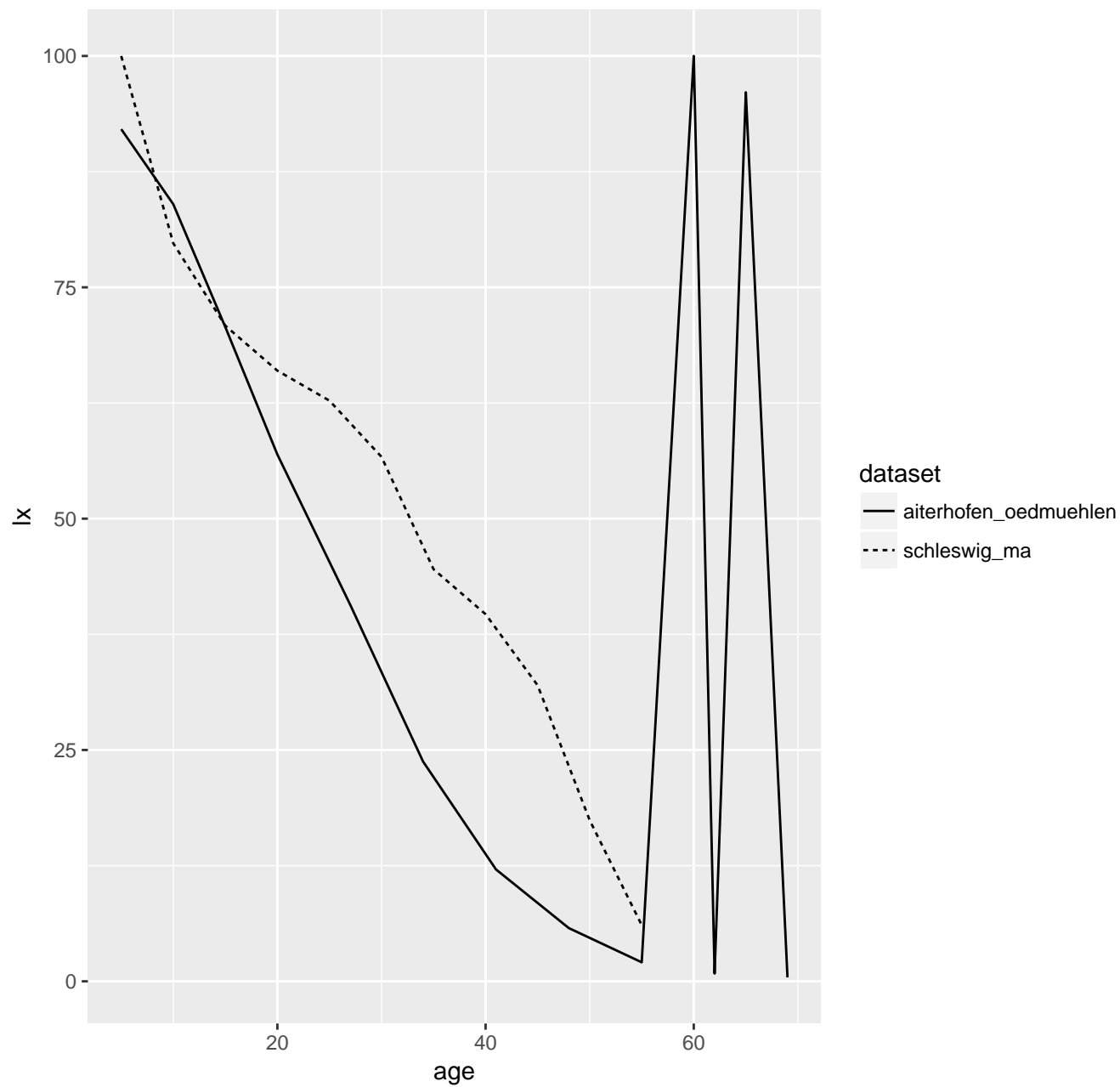
proportion of deaths (dx)



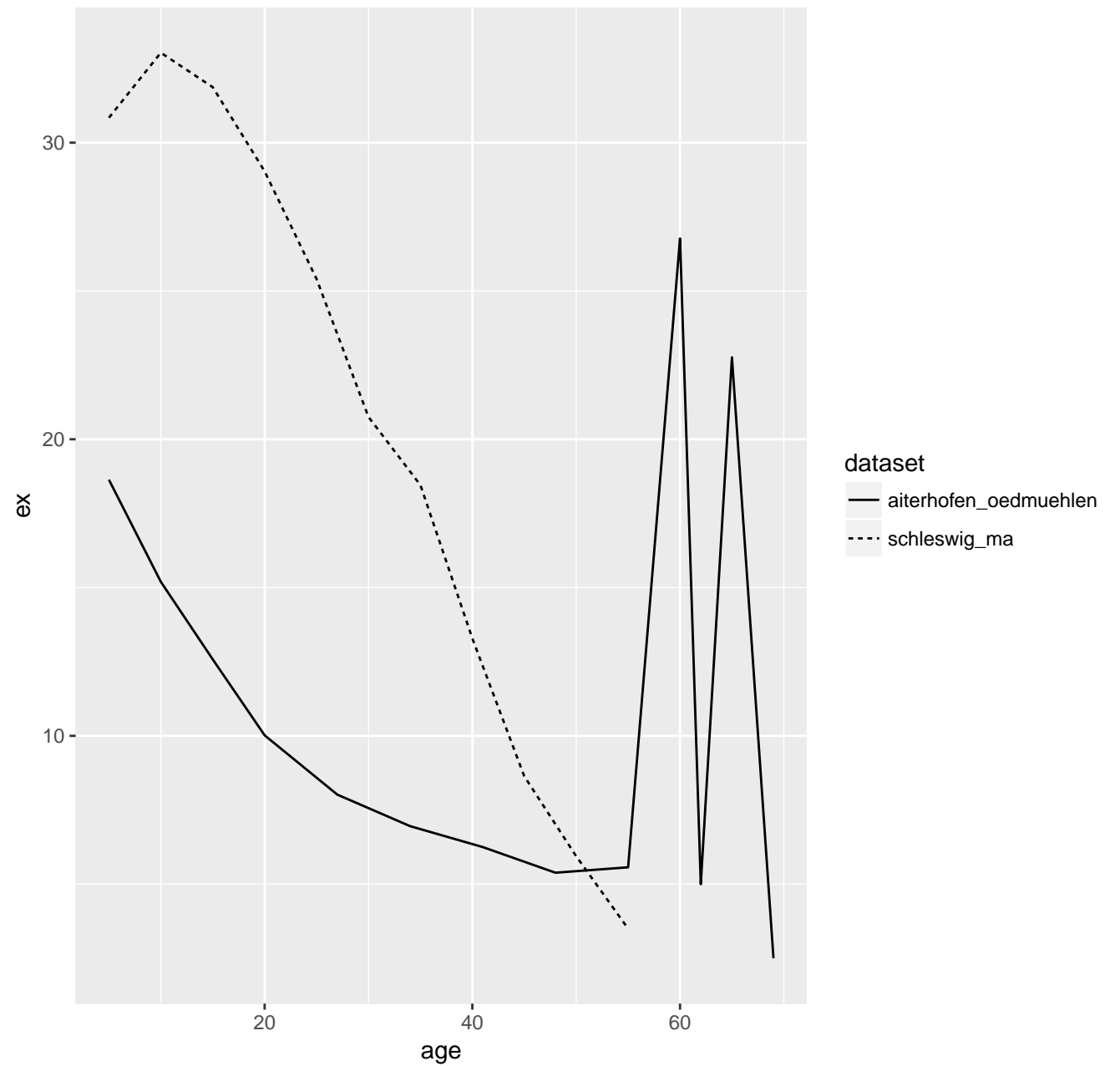
probability of death (qx)



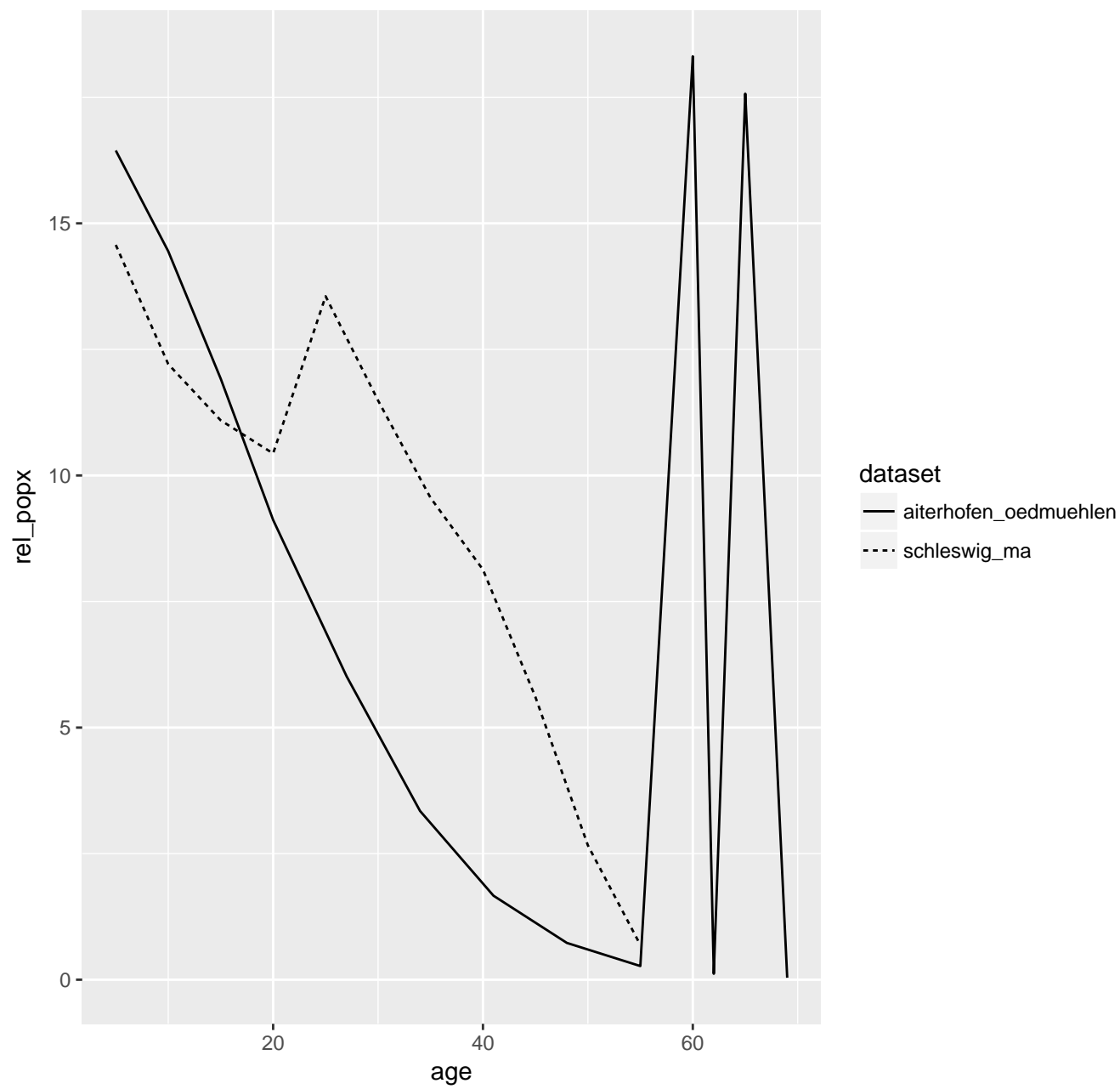
survivorship (lx)



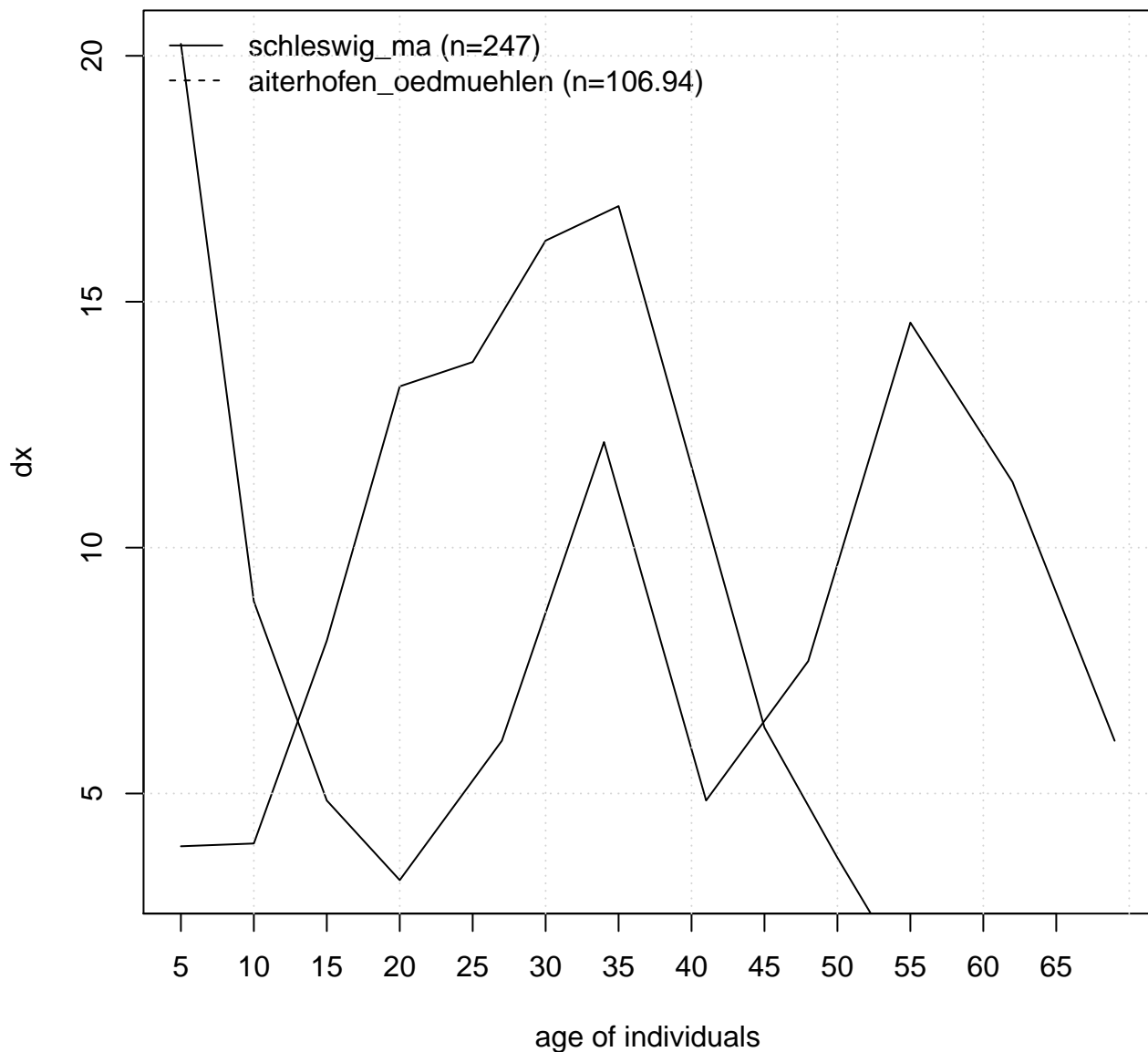
life expectancy (ex)



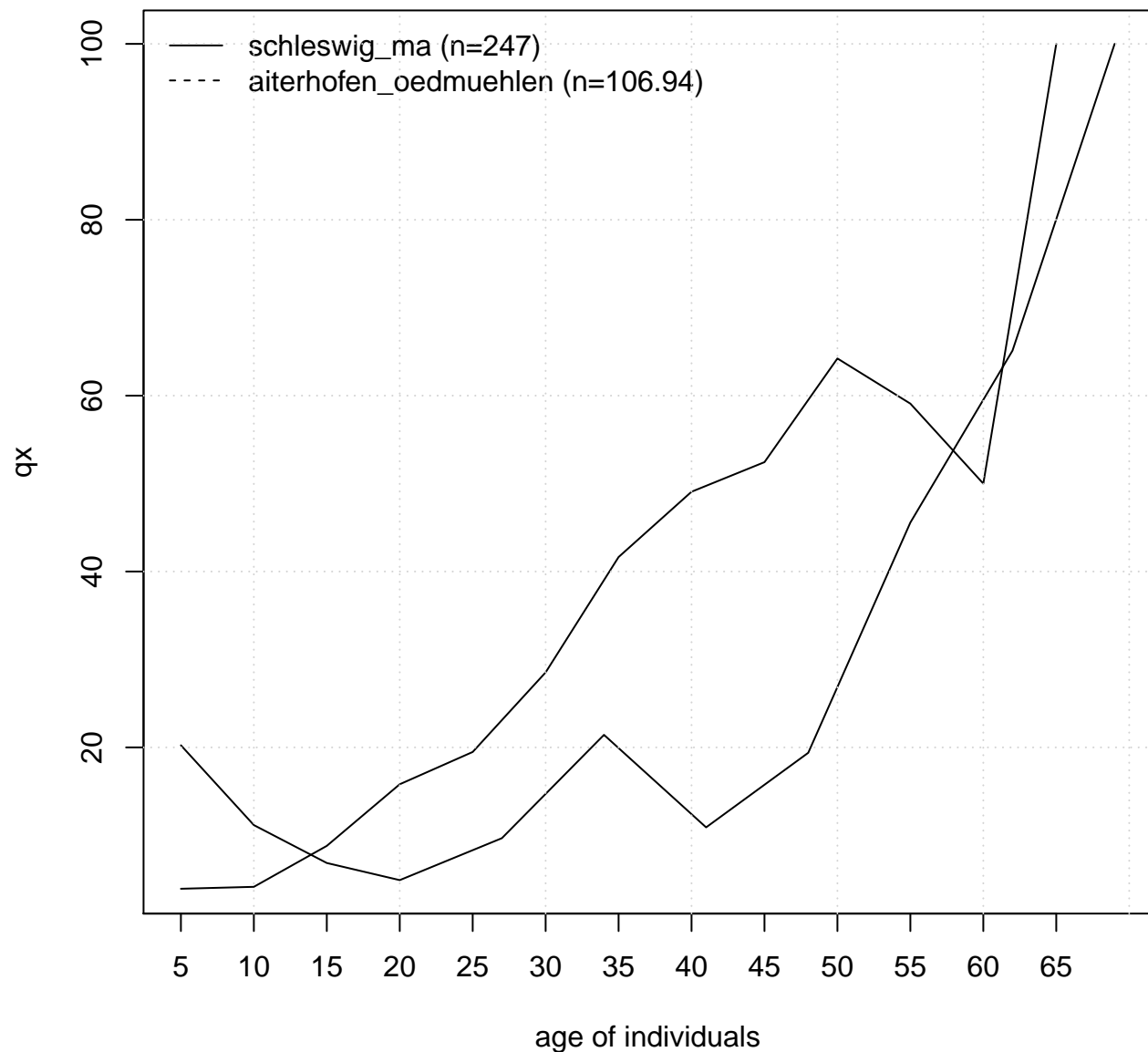
population age structure (rel\_popx)



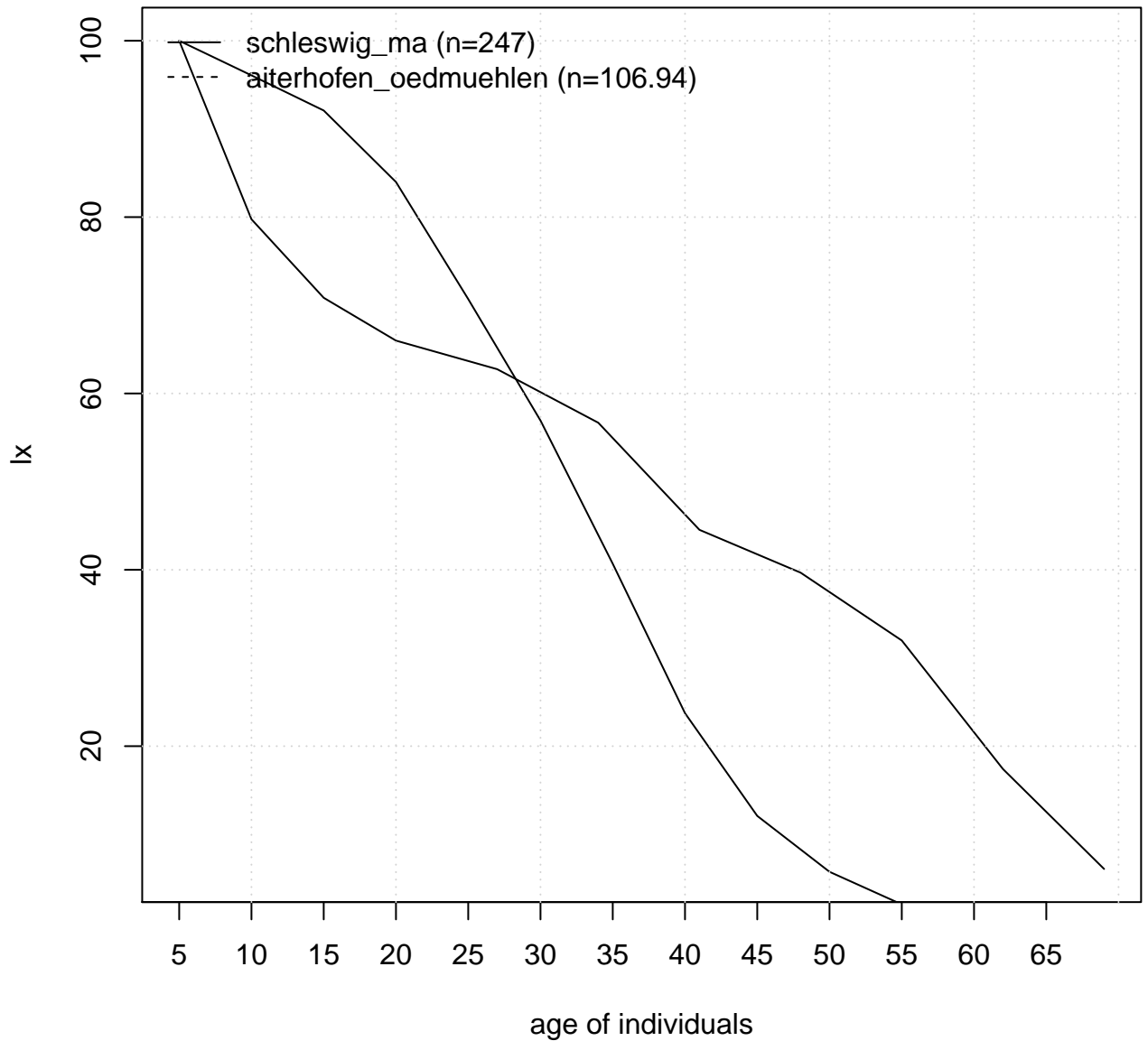
# proportion of deaths (dx)



# probability of death (qx)

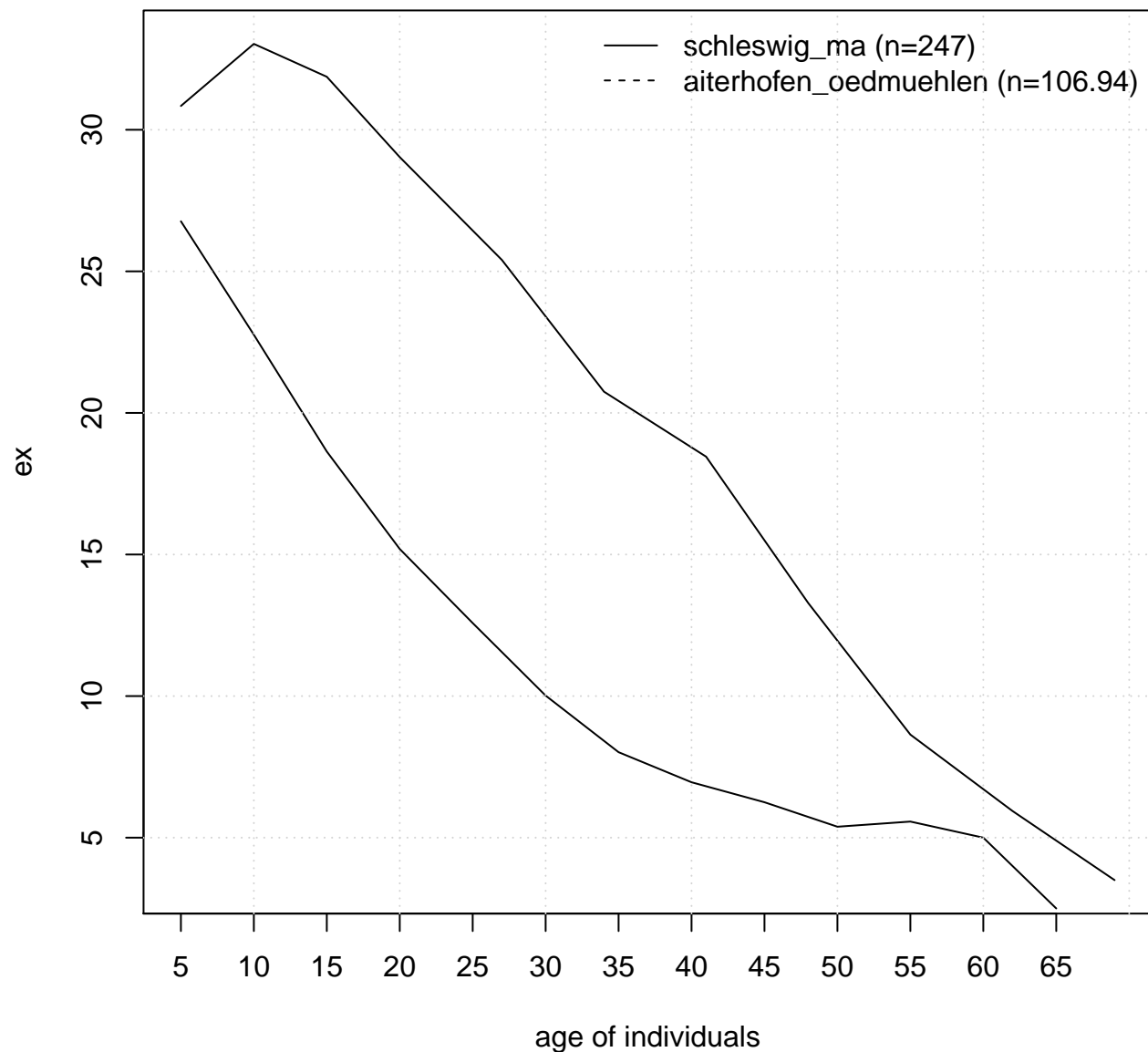


# survivorship (lx)

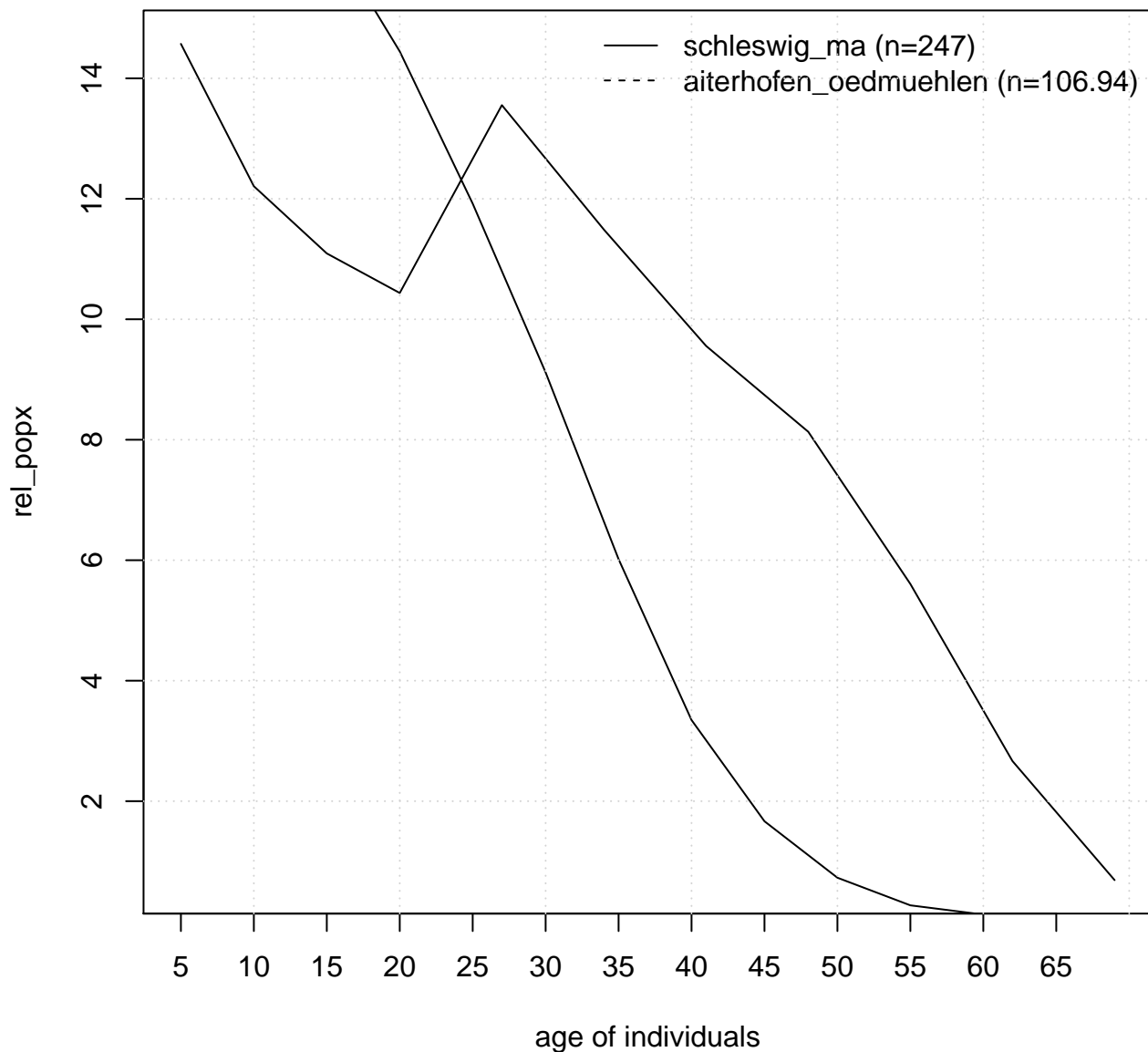




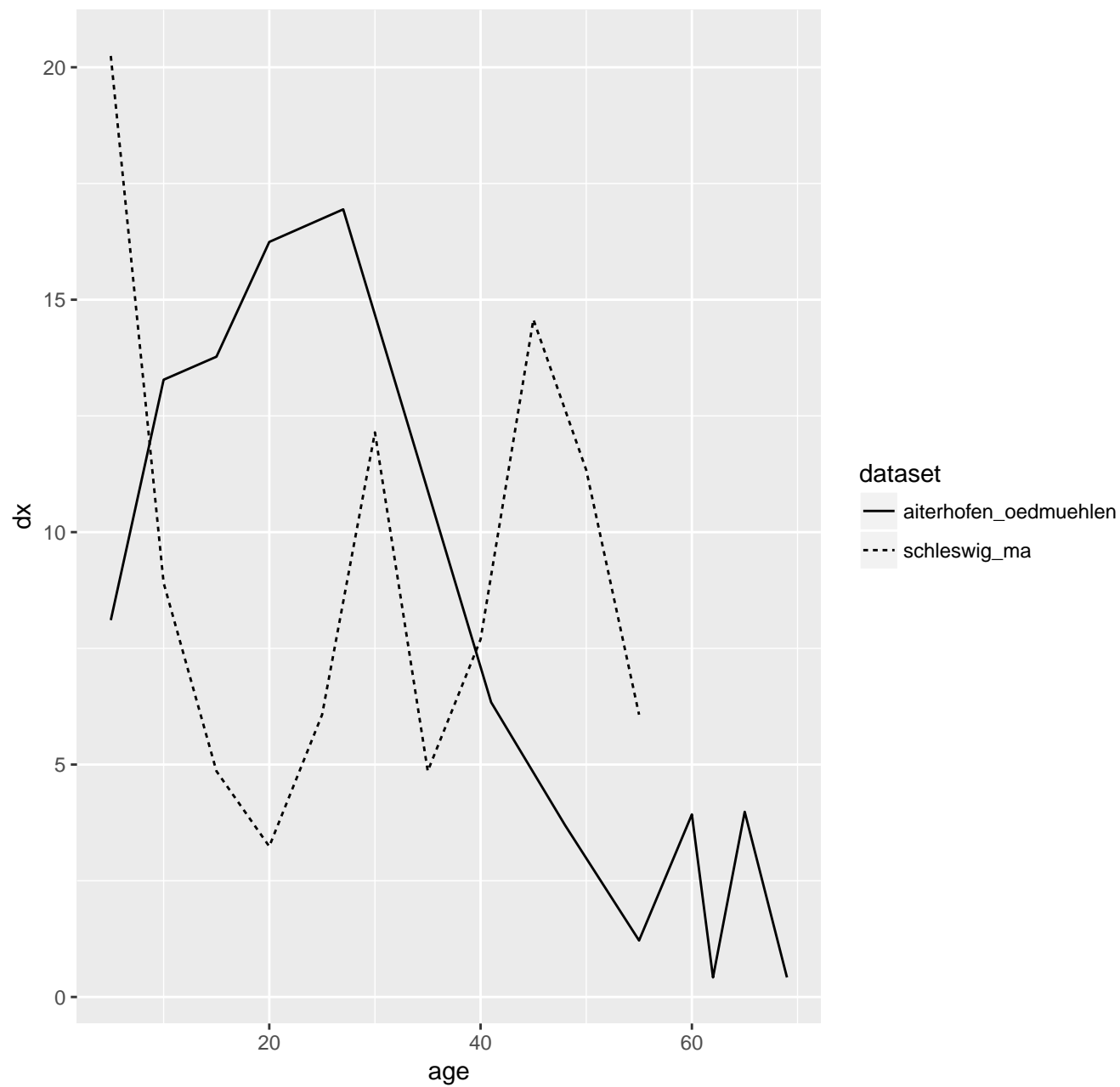
## life expectancy (ex)



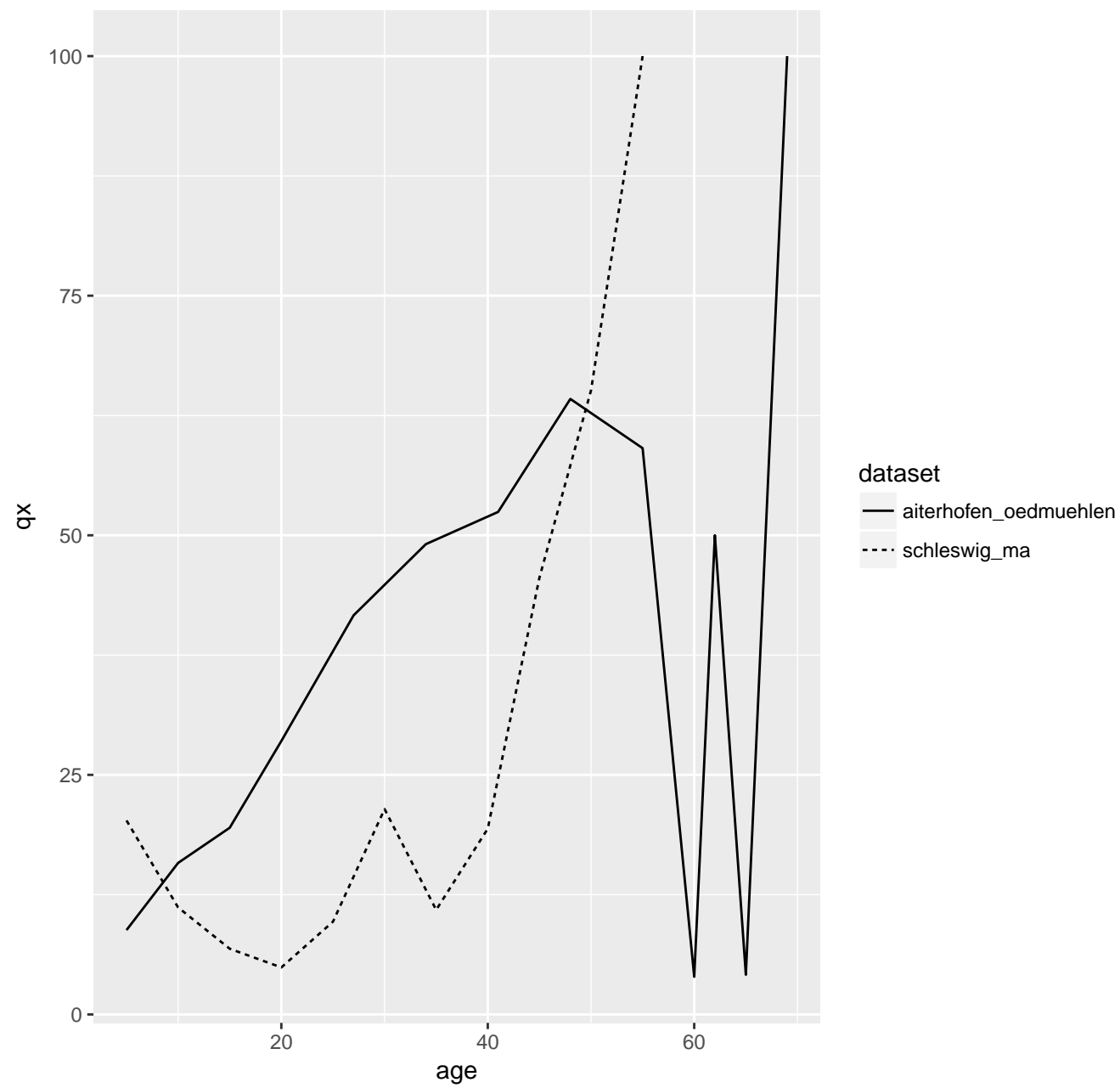
# population age structure (rel\_popx)



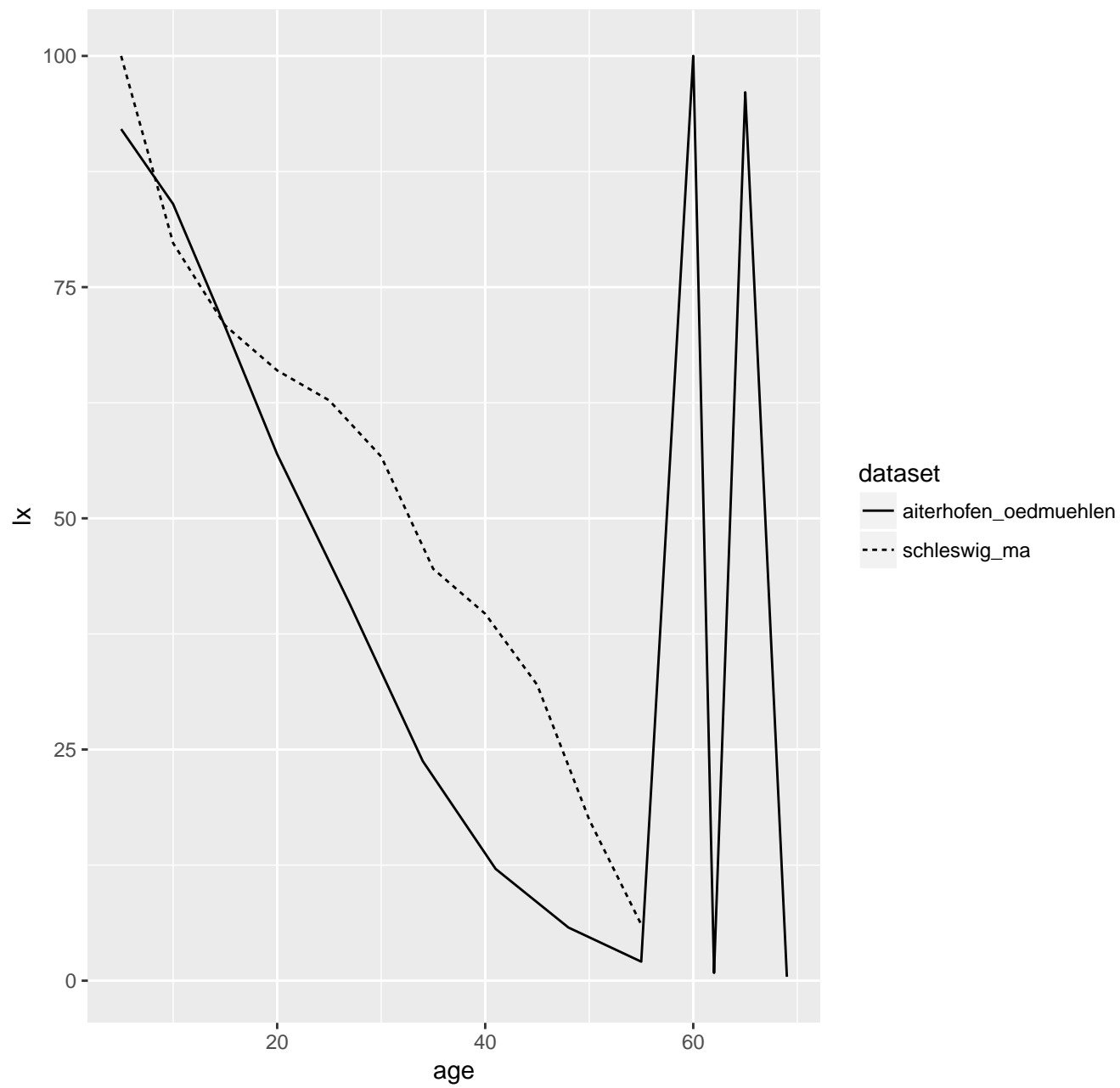
proportion of deaths (dx)



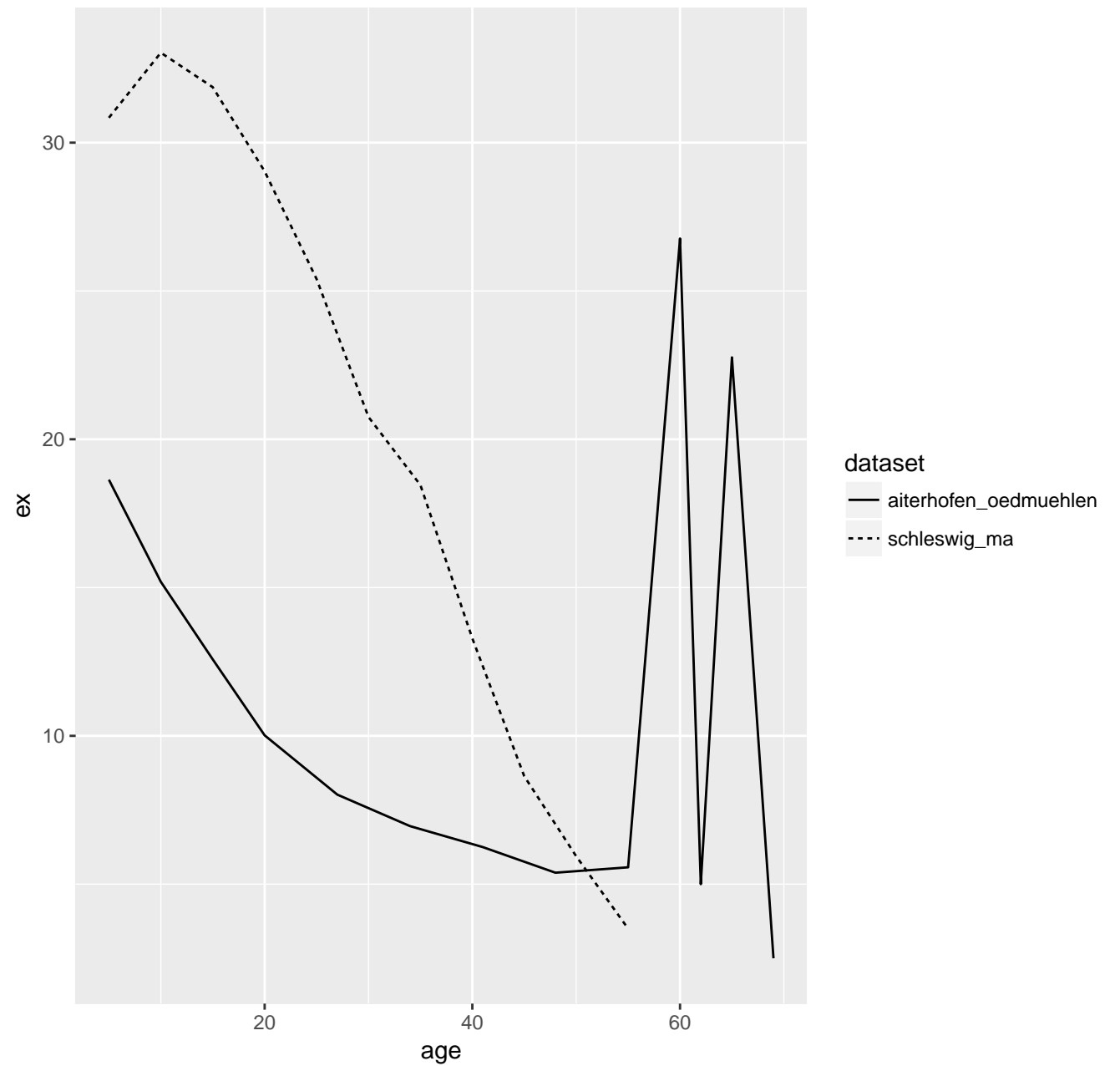
probability of death (qx)



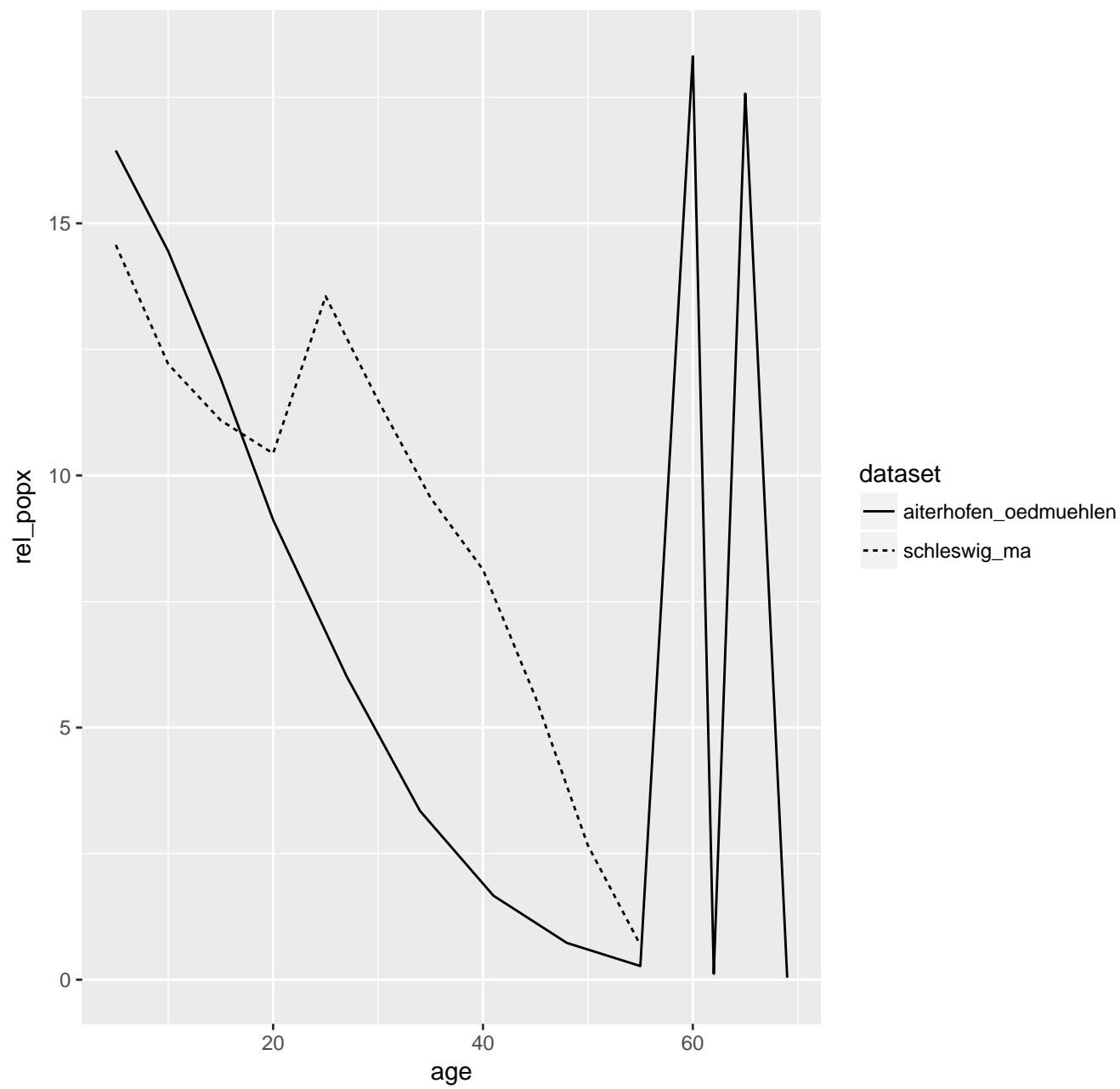
survivorship (lx)



life expectancy (ex)



population age structure (rel\_popx)



proportion of deaths (dx)

dx

age

dataset

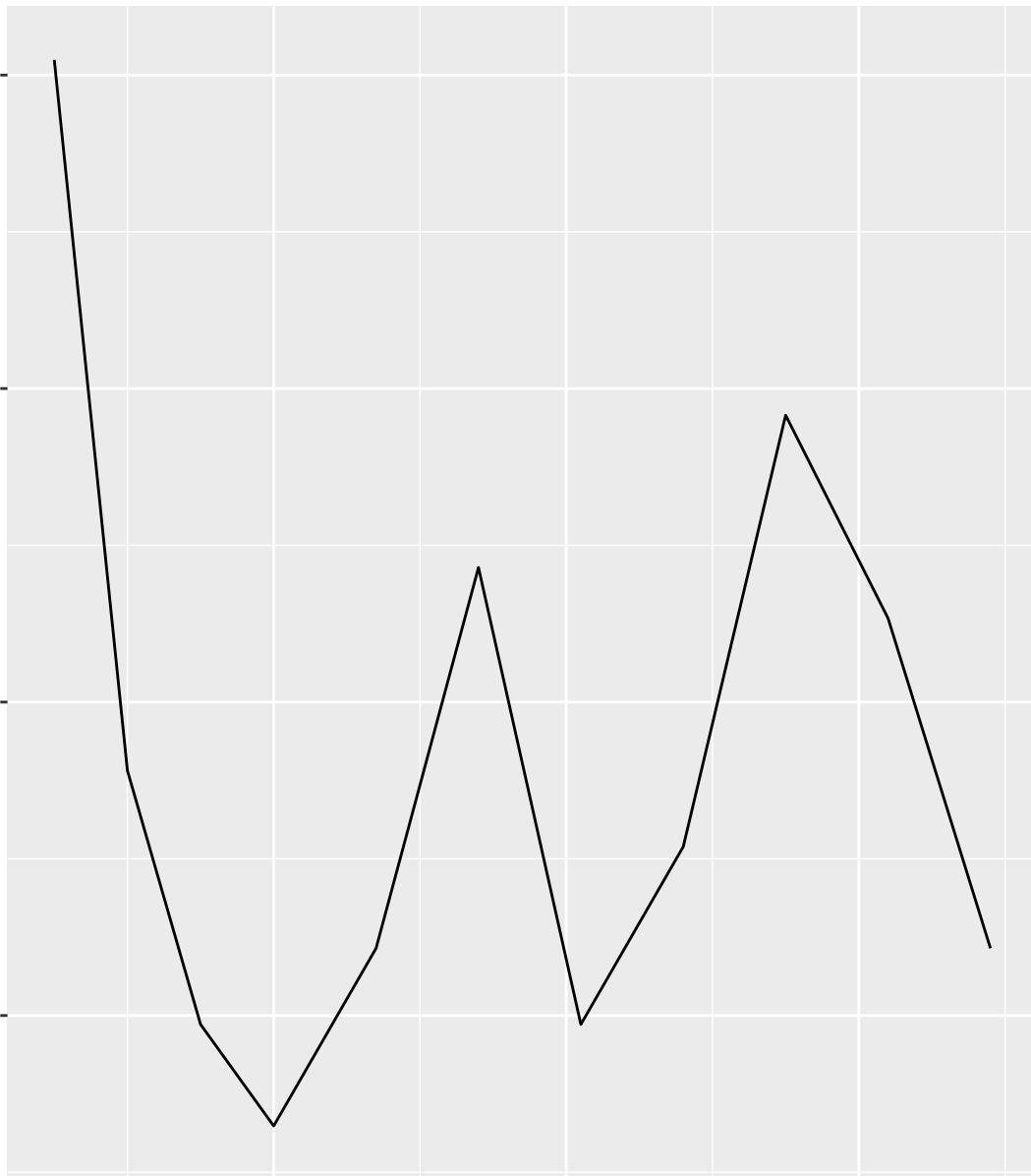
— dataset

20  
15  
10  
5

20

40

60





probability of death ( $q_x$ )

$q_x$

100

75

50

25

20

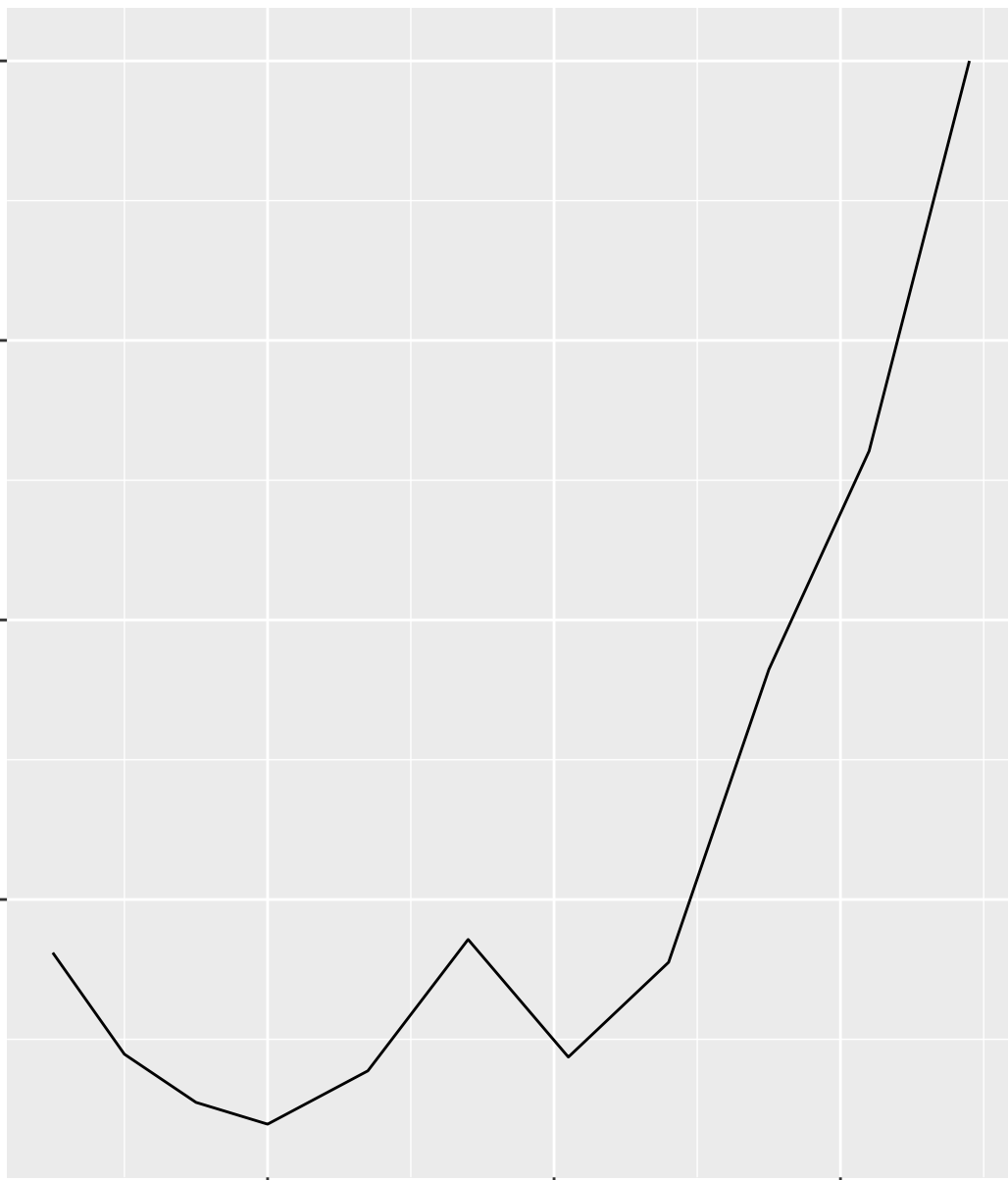
40

60

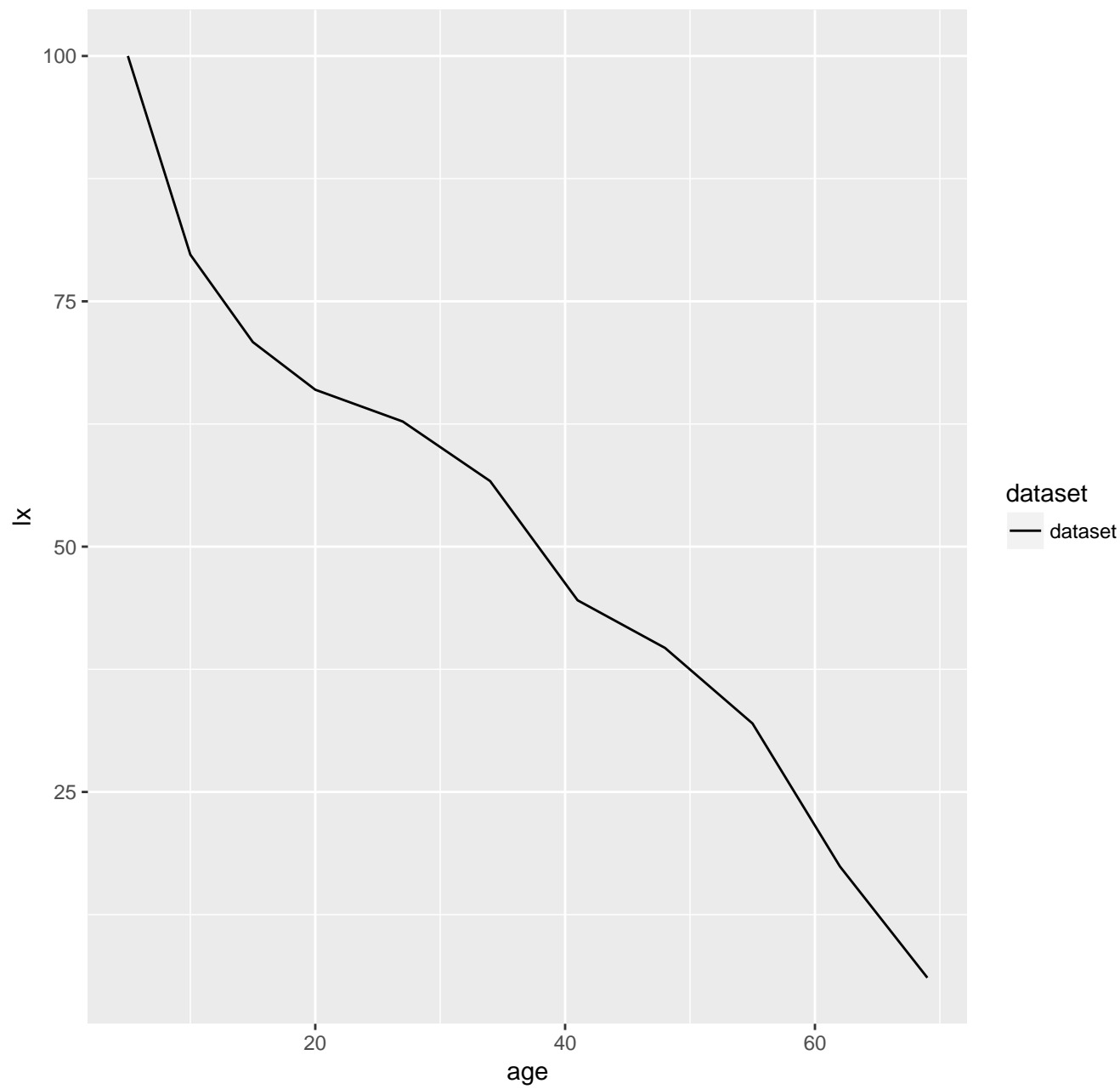
age

dataset

dataset



survivorship (lx)



life expectancy (ex)

ex

dataset

dataset

age

30

20

10

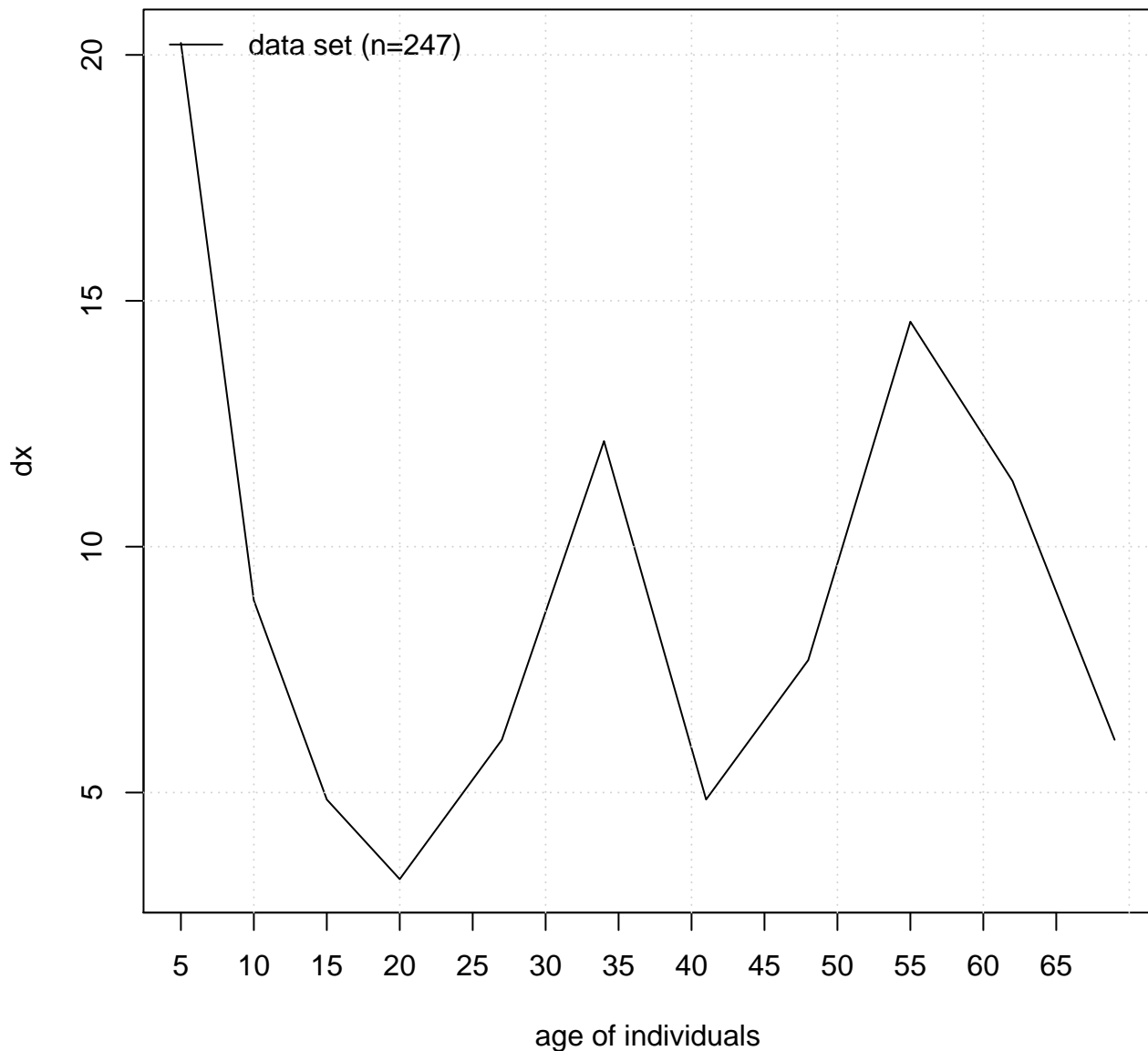
20

40

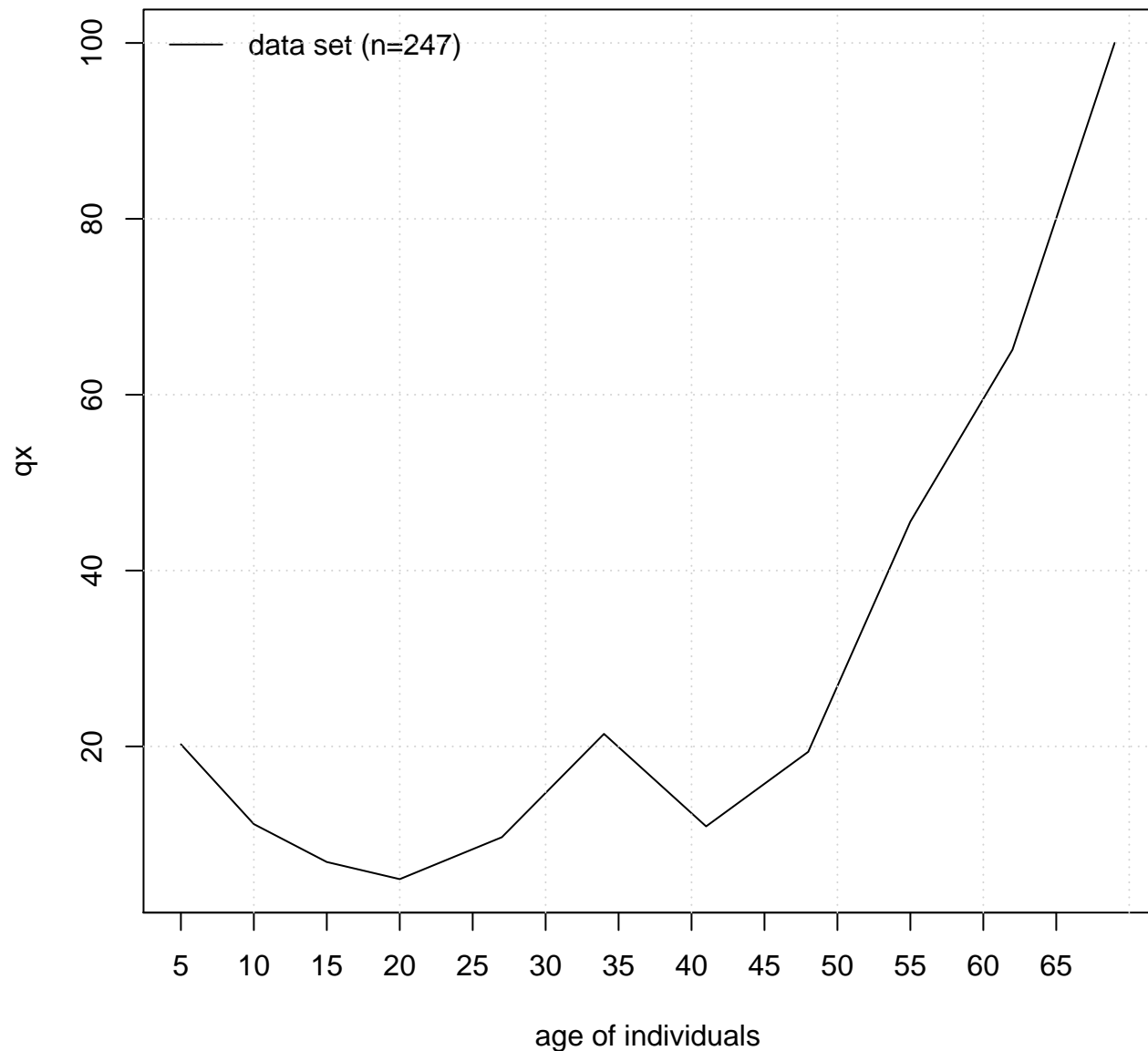
60



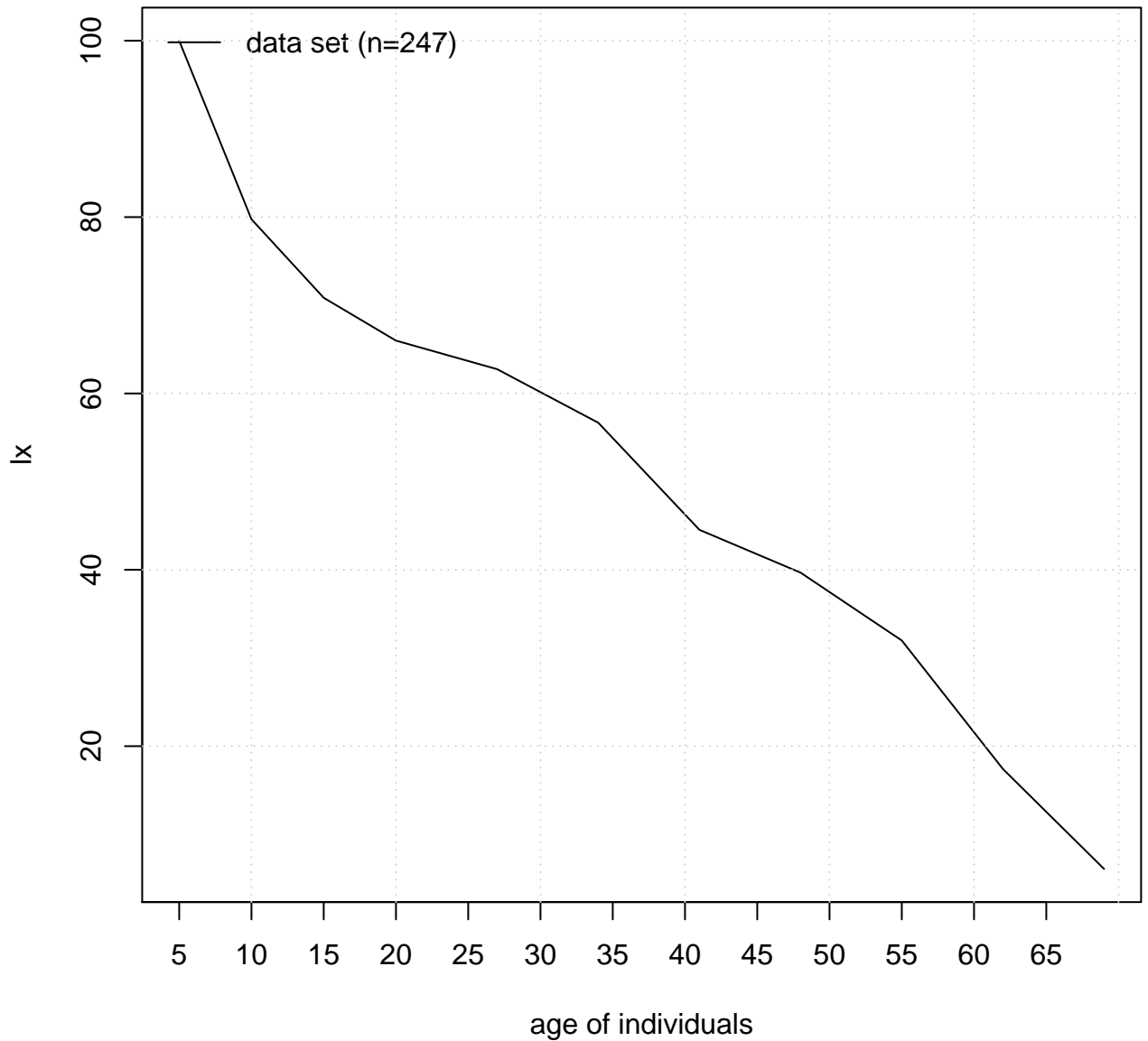
# proportion of deaths (dx)



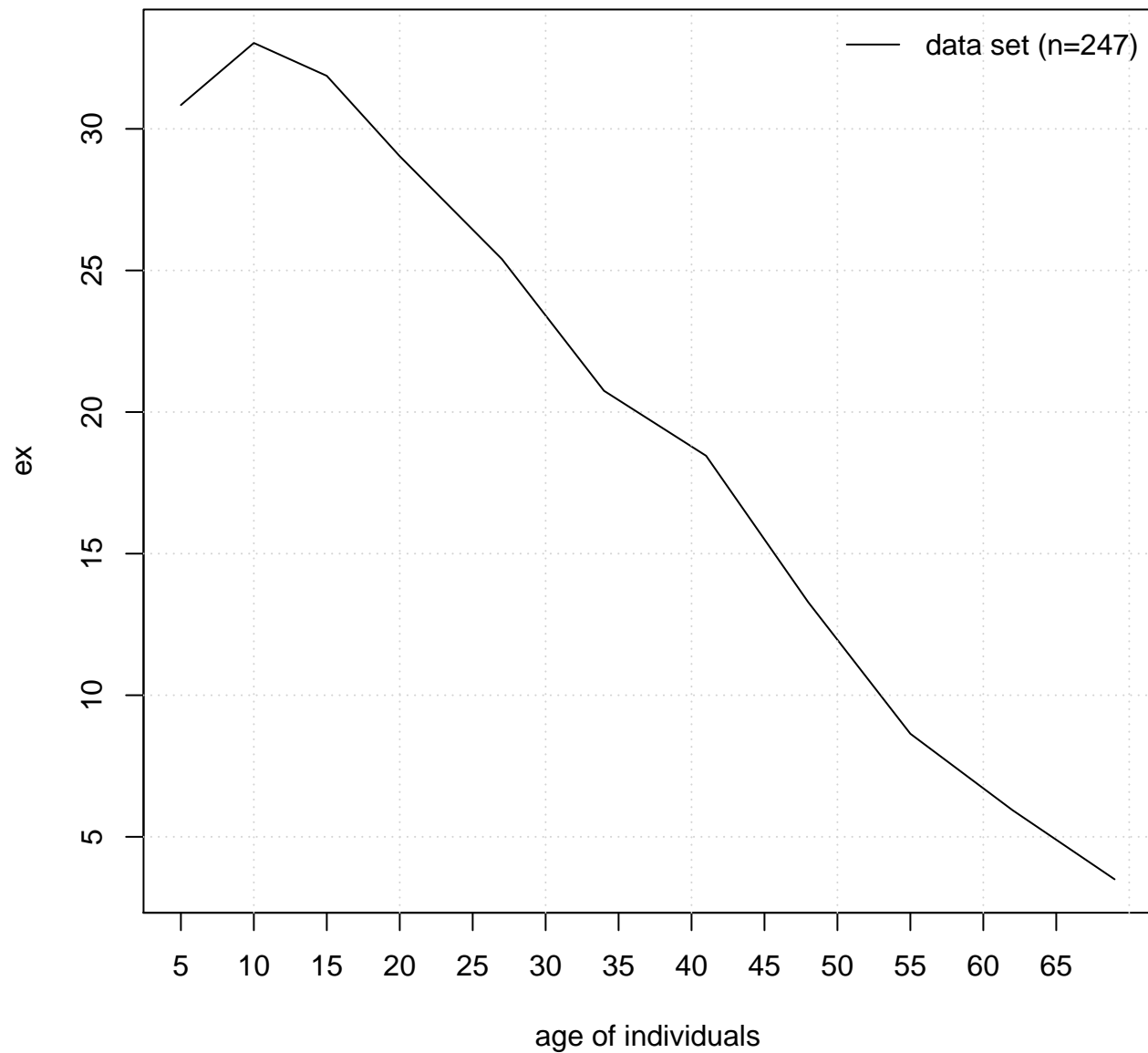
# probability of death ( $q_x$ )



# survivorship ( $l_x$ )

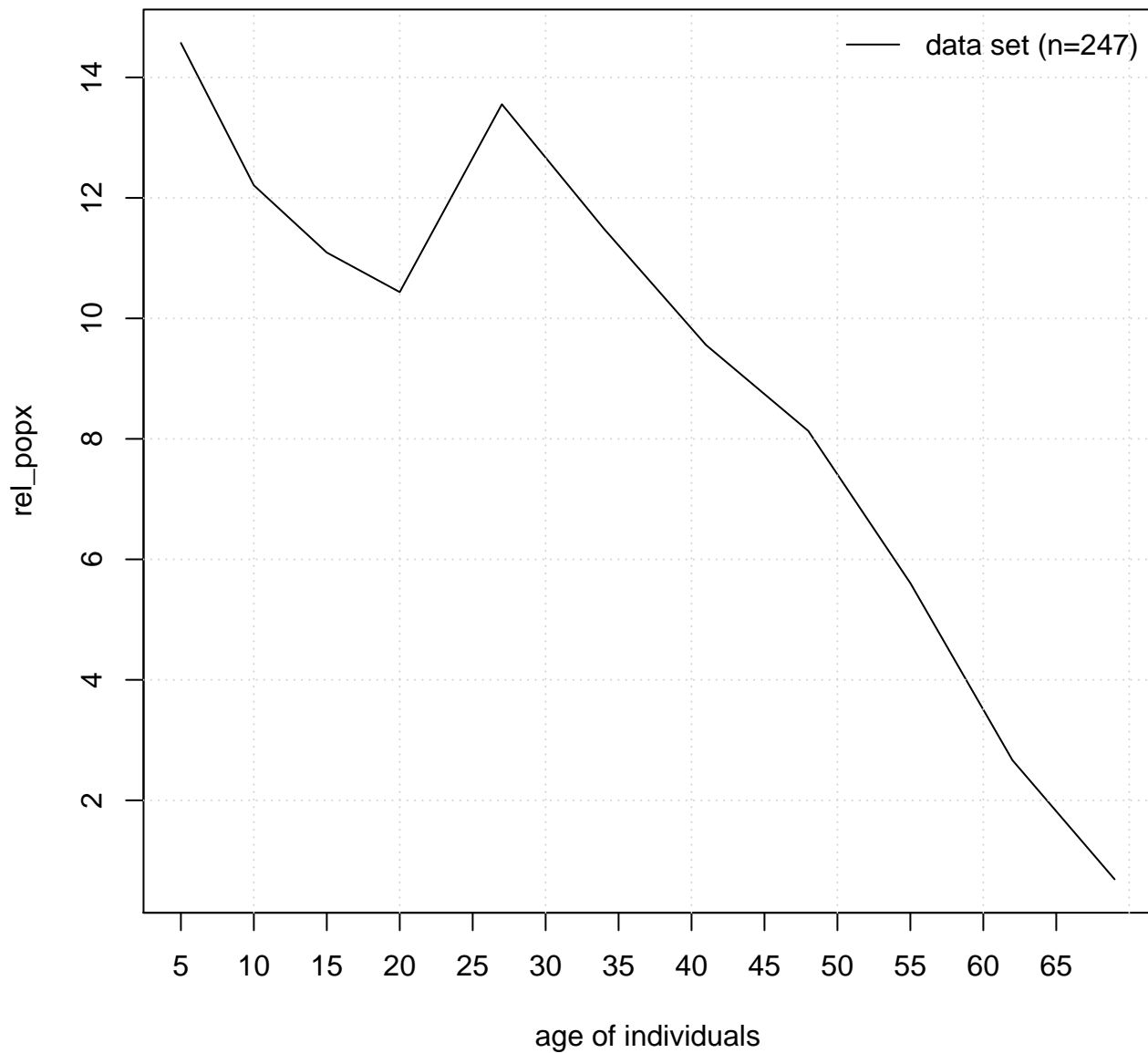


## life expectancy (ex)

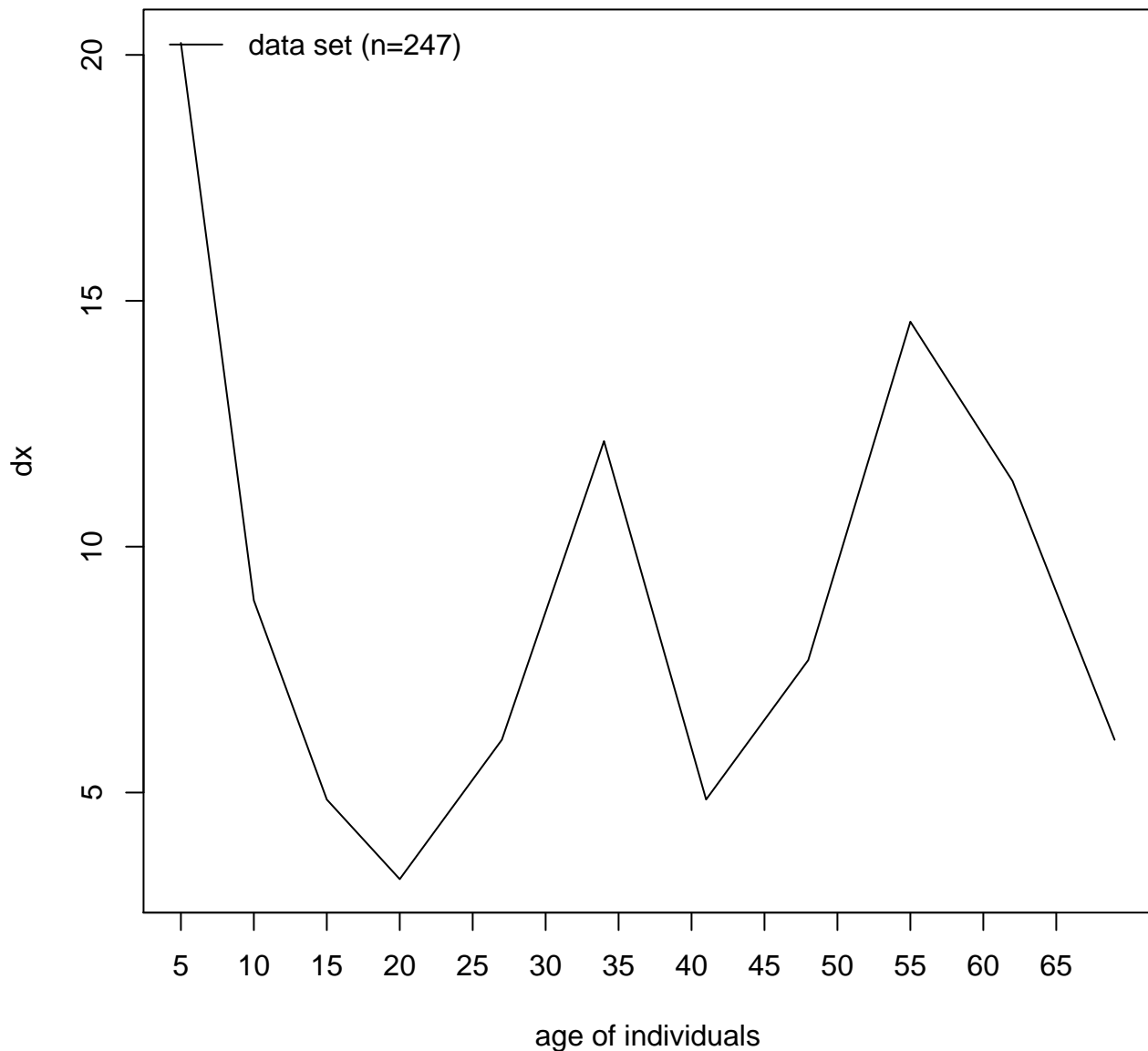




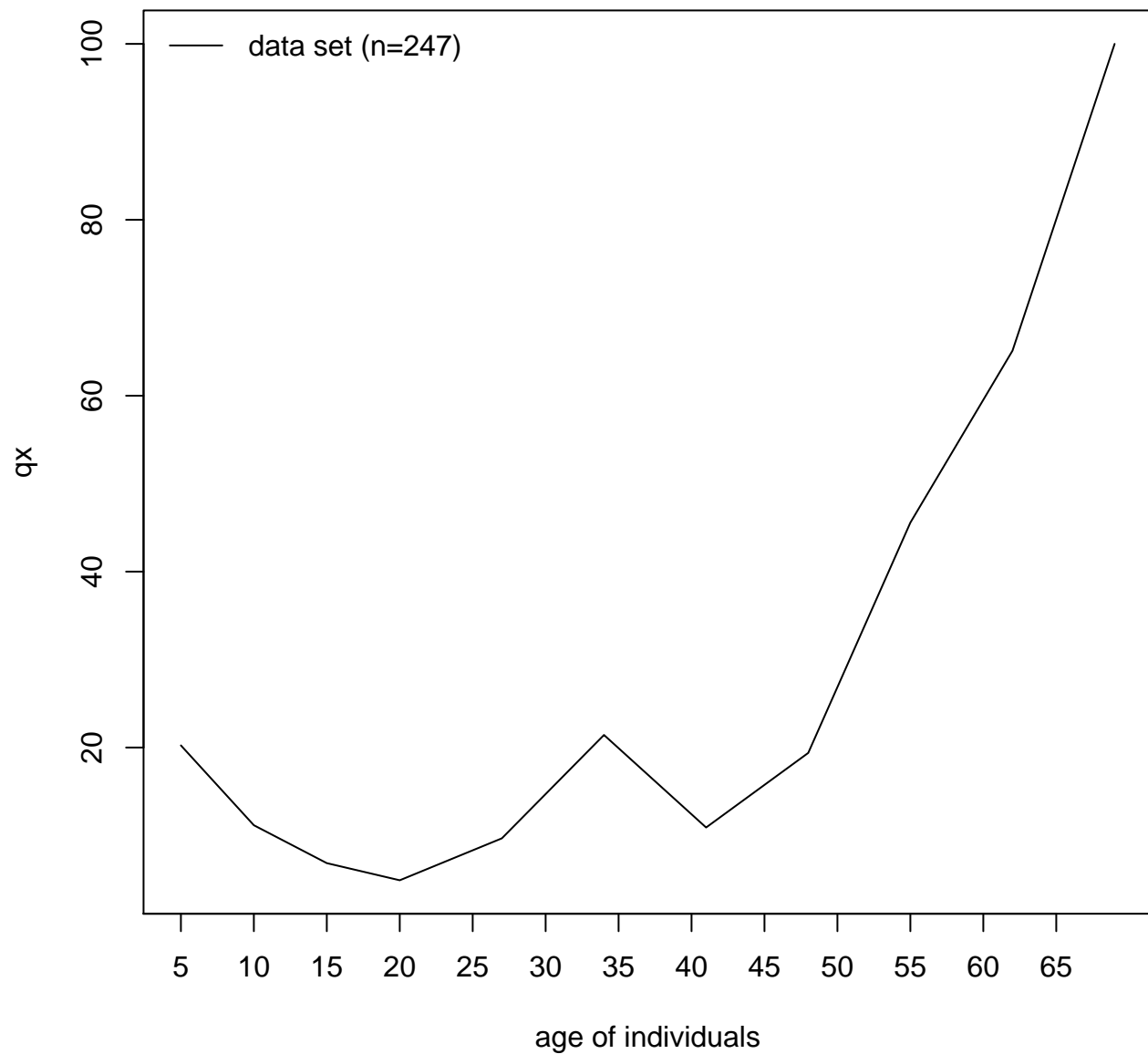
**population age structure (rel\_popx)**



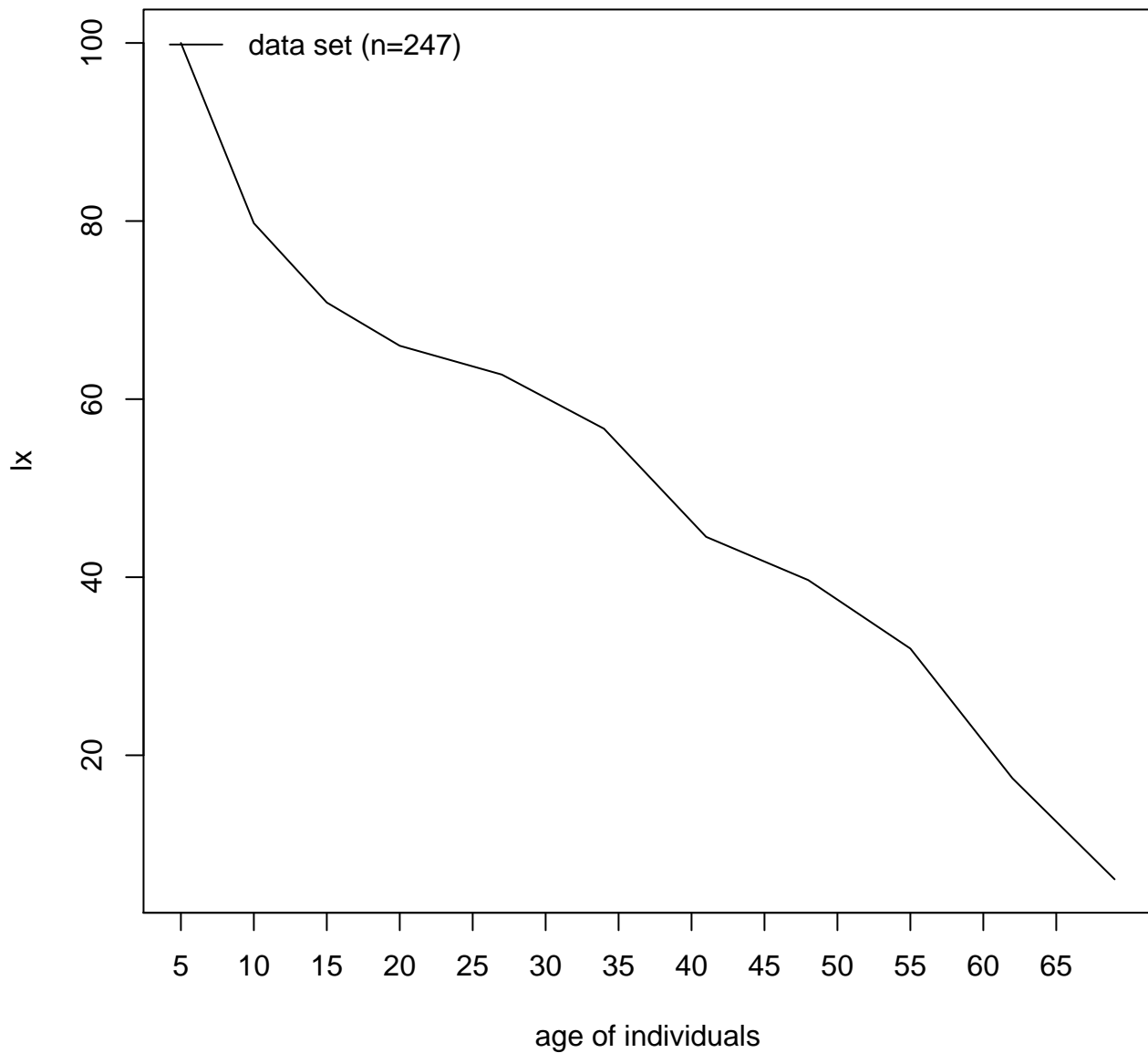
# proportion of deaths (dx)



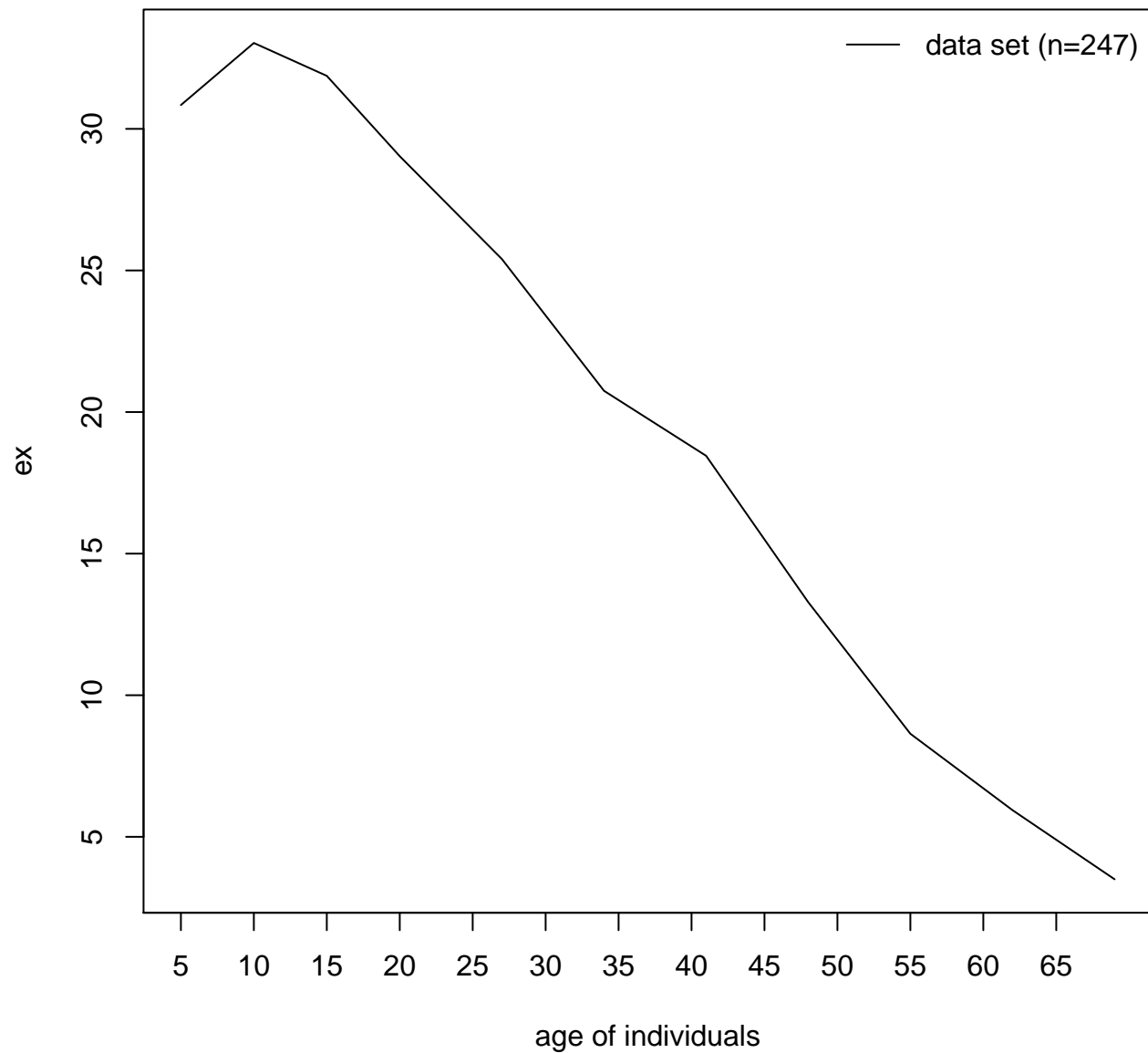
# probability of death (qx)



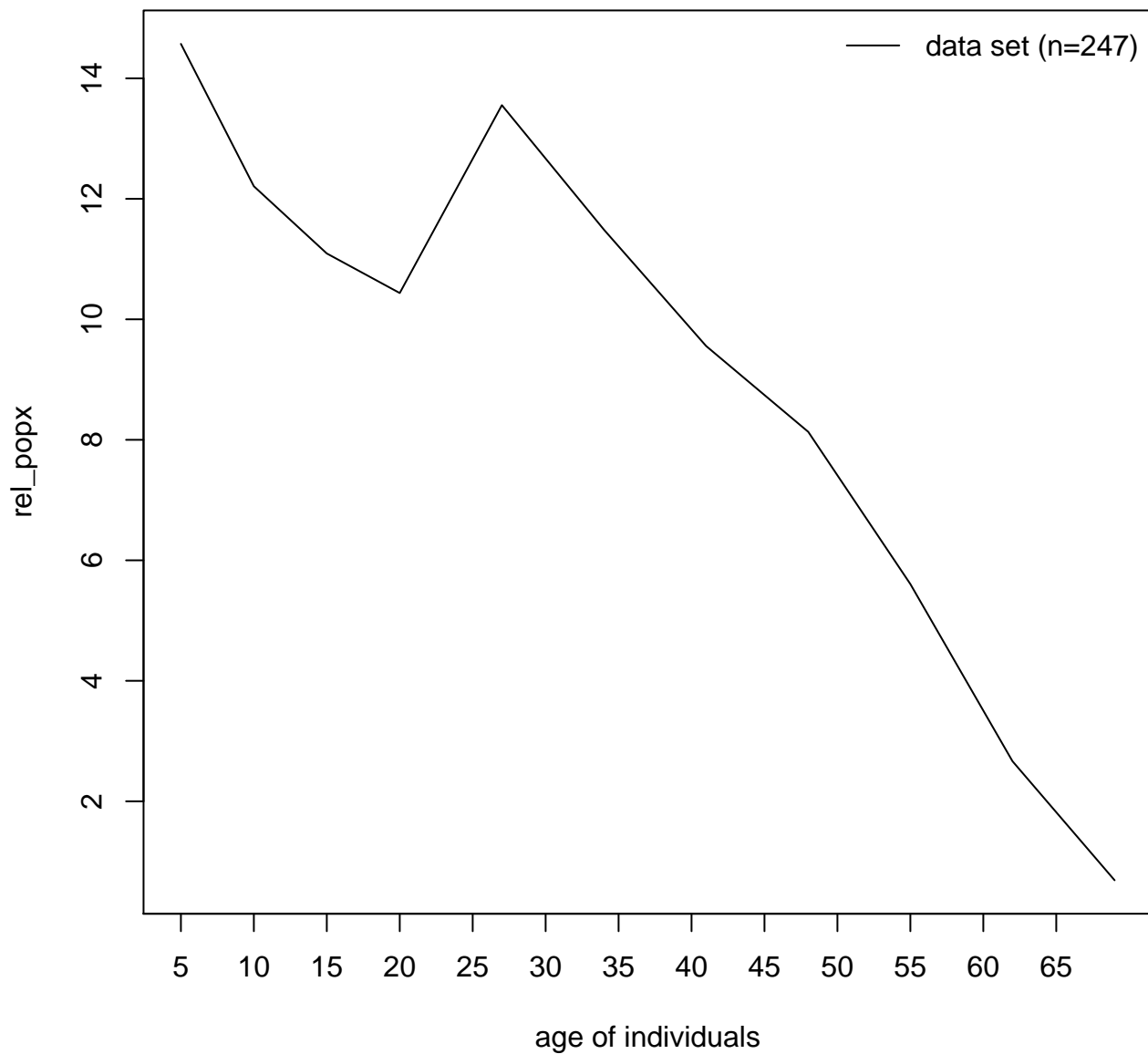
# survivorship ( $l_x$ )



## life expectancy (ex)



# population age structure (rel\_popx)



proportion of deaths (dx)

dx

dataset

— dataset

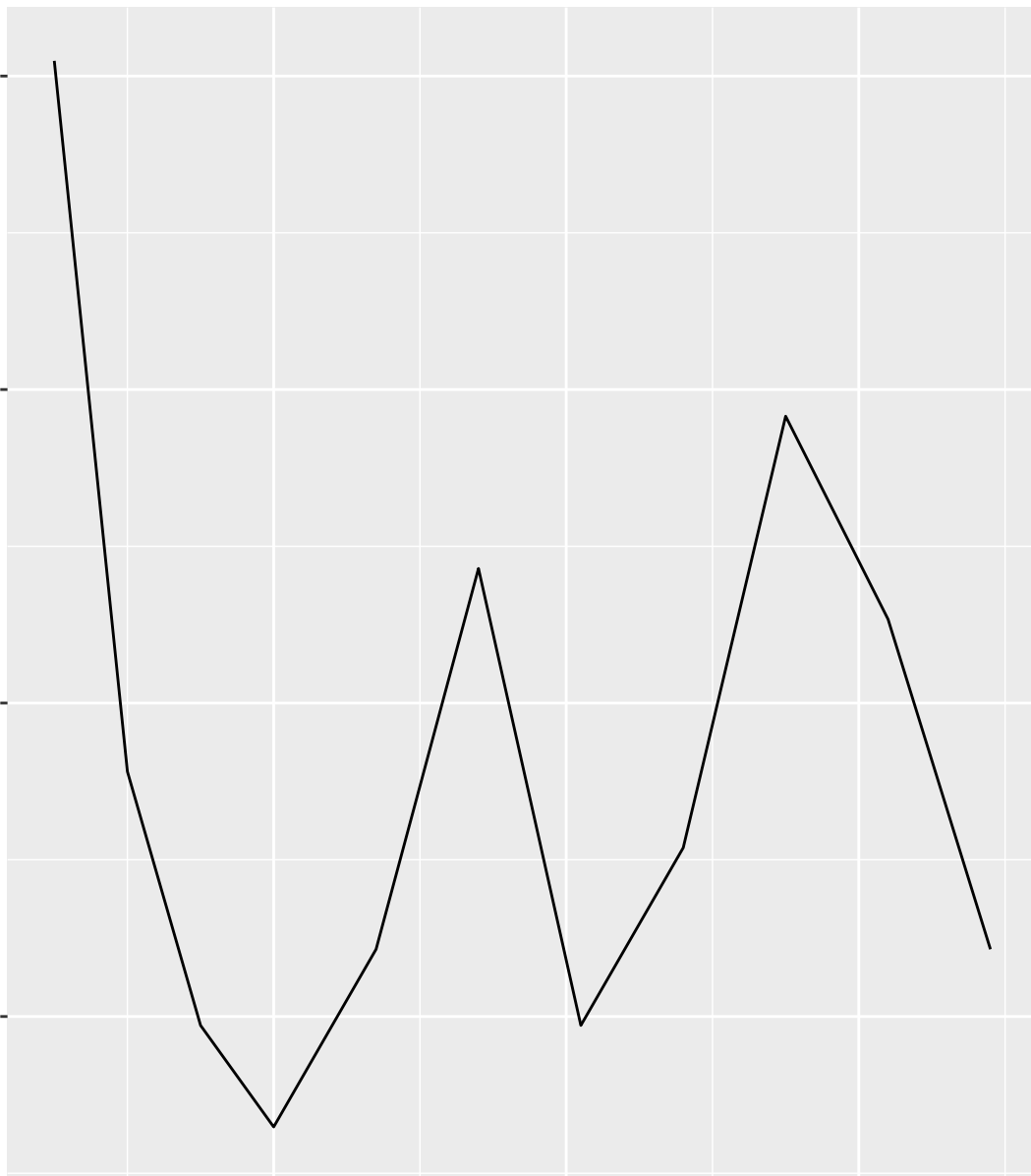
age

20  
15  
10  
5

20

40

60



probability of death ( $q_x$ )

$q_x$

100

75

50

25

20

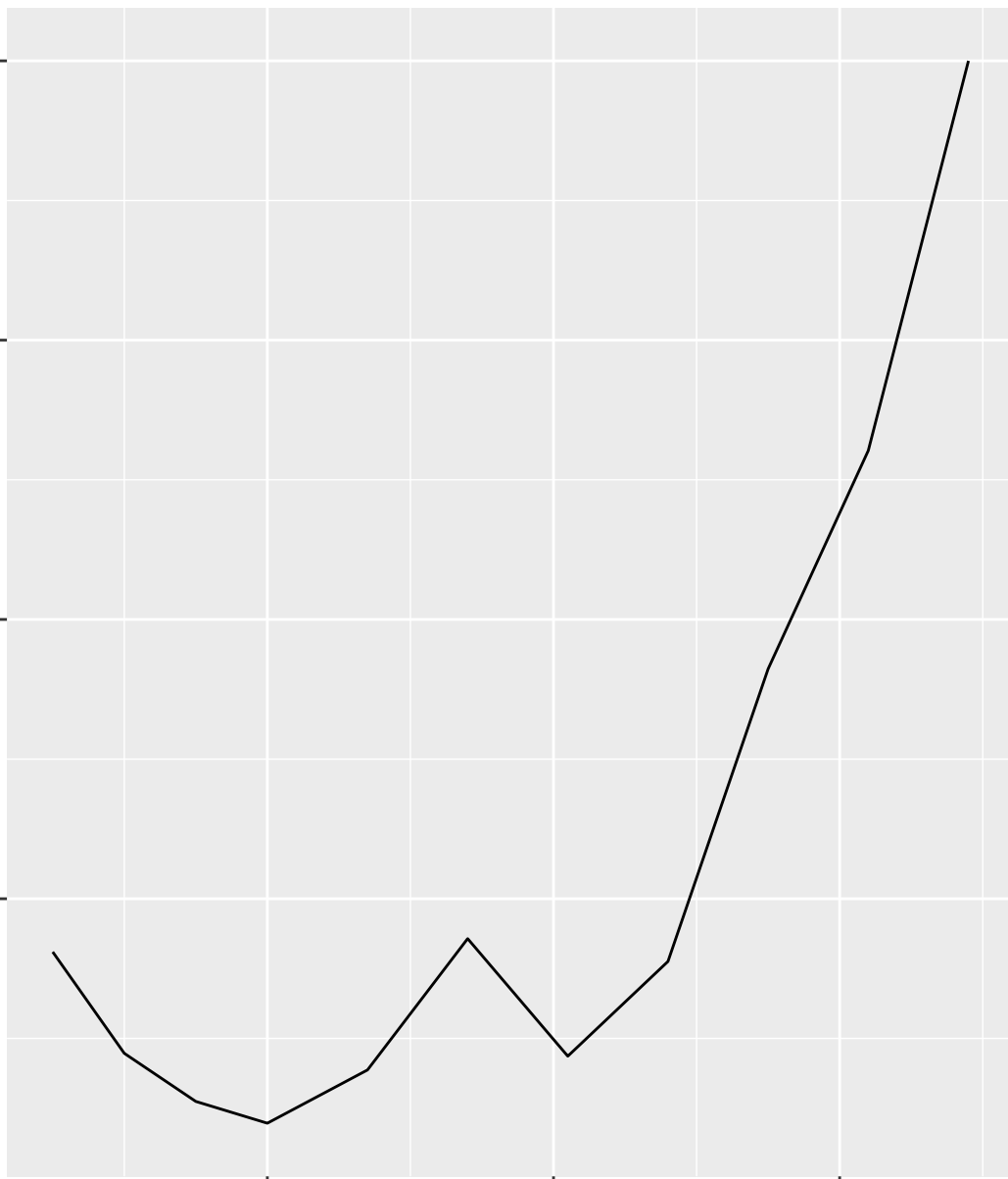
40

60

age

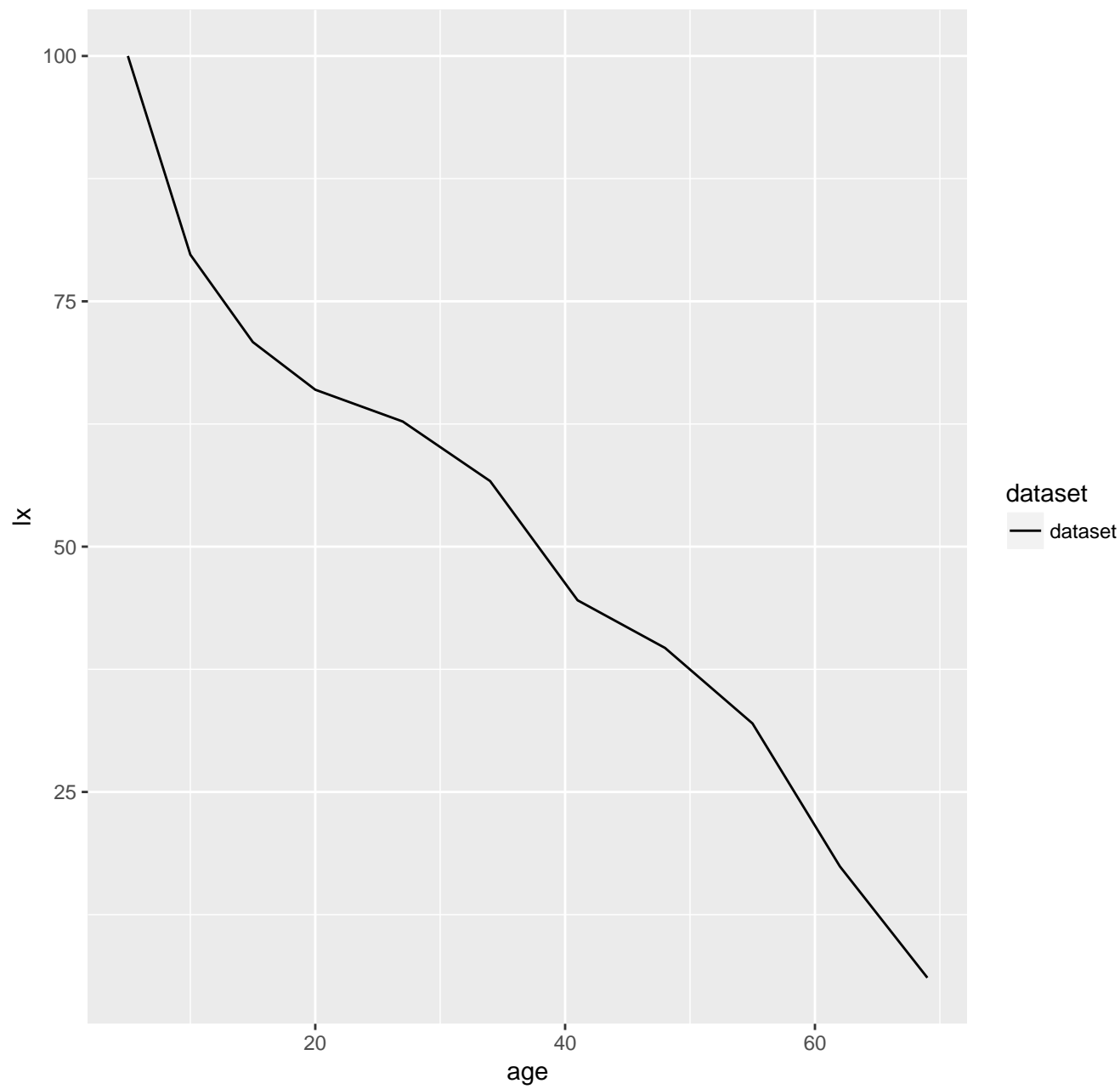
dataset

dataset





survivorship (lx)



life expectancy (ex)

ex

dataset

dataset

20

40

60

age

